

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031025\
 Data File : VN085914.D
 Acq On : 10 Mar 2025 12:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 11 01:35:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/11/2025
 Supervised By : Mahesh Dadoda 03/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	199203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	319135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125107	48.442	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.880%		
35) Dibromofluoromethane	8.165	113	104608	50.093	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.180%		
50) Toluene-d8	10.565	98	388046	51.074	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.140%		
62) 4-Bromofluorobenzene	12.847	95	145253	58.025	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	116.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	154217	56.916	ug/l	99
3) Chloromethane	2.360	50	157501	57.928	ug/l	99
4) Vinyl Chloride	2.512	62	156963	54.524	ug/l	96
5) Bromomethane	2.948	94	85714	46.564	ug/l	95
6) Chloroethane	3.112	64	87037	45.644	ug/l	94
7) Trichlorofluoromethane	3.495	101	215570	51.720	ug/l	99
8) Diethyl Ether	3.959	74	74046	54.906	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	124810	51.804	ug/l	99
10) Methyl Iodide	4.589	142	159707	53.776	ug/l	96
11) Tert butyl alcohol	5.524	59	86626	272.716	ug/l	100
12) 1,1-Dichloroethene	4.342	96	116396	53.282	ug/l	99
13) Acrolein	4.177	56	131110	278.340	ug/l	99
14) Allyl chloride	5.024	41	161702	56.379	ug/l	95
15) Acrylonitrile	5.718	53	309442	299.665	ug/l	98
16) Acetone	4.430	43	242492	296.742	ug/l	99
17) Carbon Disulfide	4.712	76	369568	57.082	ug/l	98
18) Methyl Acetate	5.024	43	128411	45.686	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	372666	57.409	ug/l	99
20) Methylene Chloride	5.271	84	135289	51.481	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	125045	53.160	ug/l	97
22) Diisopropyl ether	6.665	45	377284	58.215	ug/l	97
23) Vinyl Acetate	6.600	43	1396718	314.758	ug/l	99
24) 1,1-Dichloroethane	6.571	63	234031	53.121	ug/l	99
25) 2-Butanone	7.483	43	373262	310.476	ug/l	100
26) 2,2-Dichloropropane	7.483	77	207222	52.896	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	144046	52.814	ug/l	97
28) Bromochloromethane	7.812	49	107632	59.441	ug/l	92
29) Tetrahydrofuran	7.836	42	250844	323.115	ug/l	97
30) Chloroform	7.965	83	238464	51.795	ug/l	99
31) Cyclohexane	8.253	56	204898	55.547	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	216387	52.842	ug/l	99
36) 1,1-Dichloropropene	8.365	75	172465	58.355	ug/l	99
37) Ethyl Acetate	7.559	43	149219	61.352	ug/l	99
38) Carbon Tetrachloride	8.359	117	194466	55.377	ug/l	98
39) Methylcyclohexane	9.600	83	178412	61.448	ug/l	95
40) Benzene	8.606	78	535918	56.576	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	76661	58.962	ug/l	94
42) 1,2-Dichloroethane	8.665	62	174339	56.504	ug/l	99
43) Isopropyl Acetate	8.689	43	254645	59.765	ug/l	99
44) Trichloroethene	9.353	130	122600	52.714	ug/l	95
45) 1,2-Dichloropropane	9.618	63	133163	58.240	ug/l	99
46) Dibromomethane	9.706	93	91031	56.443	ug/l	99
47) Bromodichloromethane	9.888	83	190893	55.323	ug/l	99
48) Methyl methacrylate	9.683	41	114950	63.639	ug/l	100
49) 1,4-Dioxane	9.688	88	44871	1306.344	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	781633	333.327	ug/l	99
52) Toluene	10.630	92	338936	61.041	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	193524	60.654	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	209417	59.855	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	122045	55.282	ug/l	96
56) Ethyl methacrylate	10.871	69	191431	59.011	ug/l	100
57) 1,3-Dichloropropane	11.159	76	215250	58.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	491405	349.174	ug/l	99
59) 2-Hexanone	11.194	43	579294	359.098	ug/l	99
60) Dibromochloromethane	11.359	129	149715	58.239	ug/l	100
61) 1,2-Dibromoethane	11.465	107	123093	59.012	ug/l	97
64) Tetrachloroethene	11.100	164	118446	53.028	ug/l	96
65) Chlorobenzene	11.888	112	356759	54.013	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	127947	53.894	ug/l	98
67) Ethyl Benzene	11.965	91	618089	59.739	ug/l	99
68) m/p-Xylenes	12.071	106	497382	126.558	ug/l	99
69) o-Xylene	12.400	106	229432	61.435	ug/l	98
70) Styrene	12.412	104	397999	56.495	ug/l	98
71) Bromoform	12.577	173	102633	58.180	ug/l #	99
73) Isopropylbenzene	12.694	105	579548	54.159	ug/l	100
74) N-amyl acetate	12.494	43	223875	59.327	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	181013	49.158	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	155686m	44.871	ug/l	
77) Bromobenzene	12.977	156	147682	51.083	ug/l	95
78) n-propylbenzene	13.035	91	703392	57.396	ug/l	99
79) 2-Chlorotoluene	13.124	91	436012	53.250	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	512738	58.821	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	66112m	55.597	ug/l	
82) 4-Chlorotoluene	13.218	91	448545	55.258	ug/l	99
83) tert-Butylbenzene	13.435	119	420470	57.362	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	517440	59.999	ug/l	99
85) sec-Butylbenzene	13.612	105	590397	57.006	ug/l	100
86) p-Isopropyltoluene	13.729	119	499312	52.388	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	277860	51.299	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	275752	49.672	ug/l	100
89) n-Butylbenzene	14.053	91	425197	57.825	ug/l	98
90) Hexachloroethane	14.335	117	100192	51.081	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	264313	50.746	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	34765	51.414	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	130220	52.467	ug/l	99
94) Hexachlorobutadiene	15.500	225	71252	47.238	ug/l	97
95) Naphthalene	15.641	128	385153	56.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	127275	51.080	ug/l	99

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VSTDCCC050

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Supervised By :Mahesh Dadoda 03/11/2025

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Client Sample Id :

VSTDCCC050

Manual Integrations

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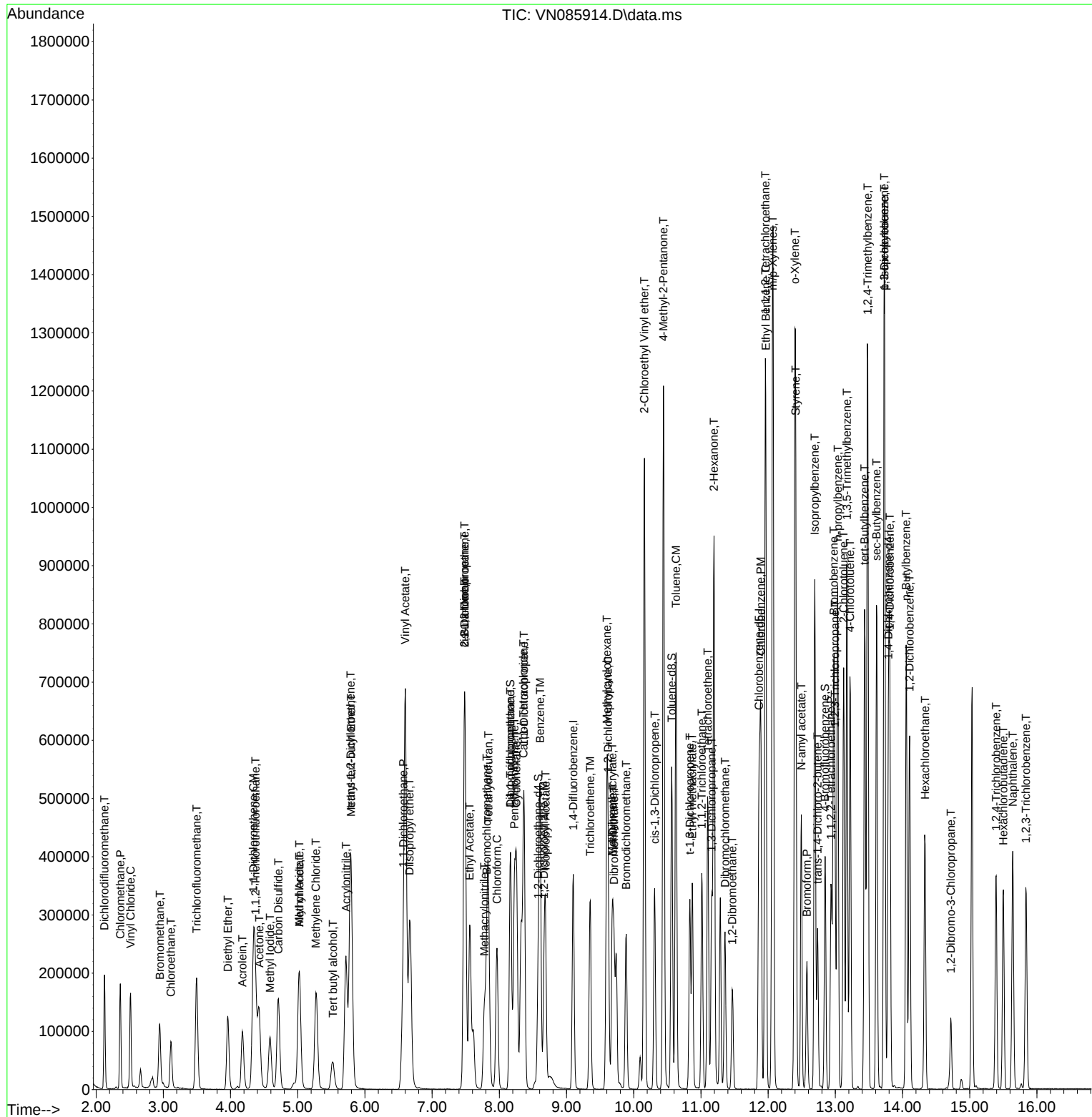
Quant Time: Mar 11 01:35:39 2025

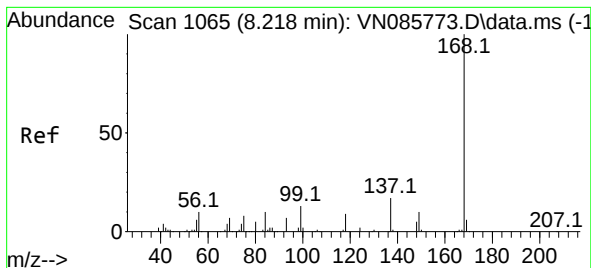
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M

Quant Title : SW846 8260

QLast Update : Wed Feb 19 03:43:32 2025

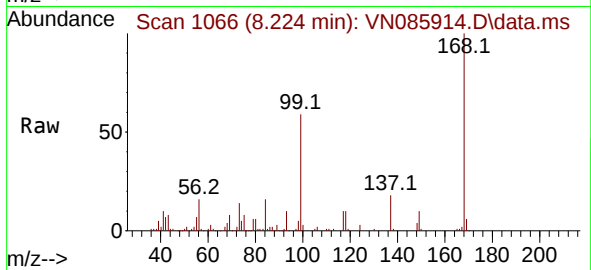
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085914.D
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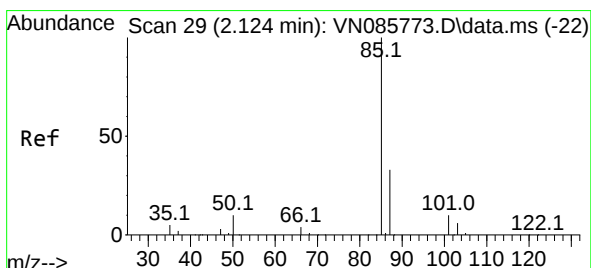
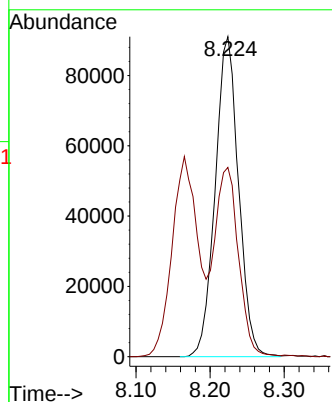
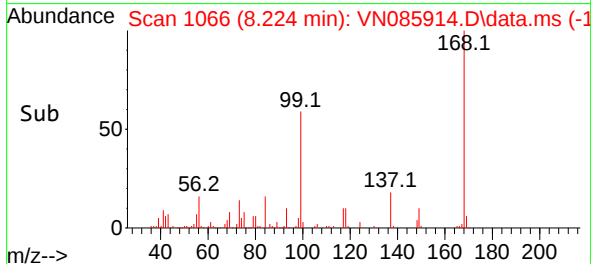
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 19920
Ion Ratio Lower Upper
168 100
99 58.8 47.9 71.9

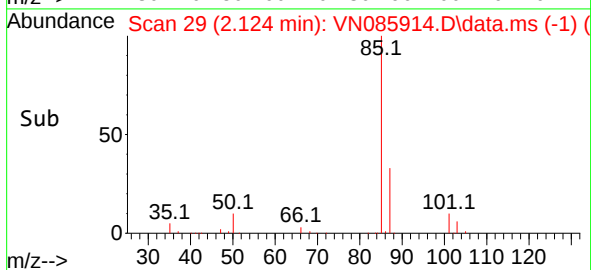
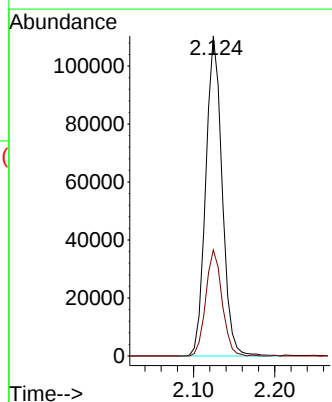
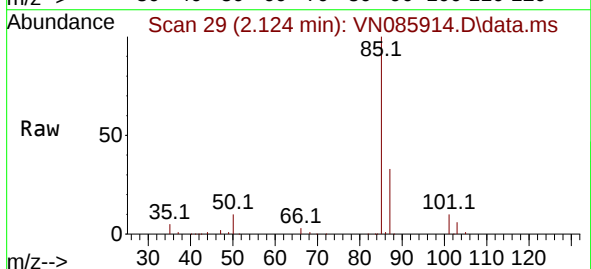
Manual Integrations
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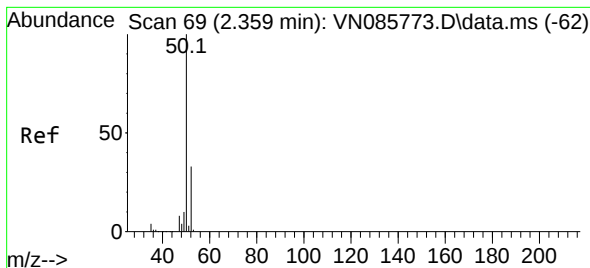
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#2
Dichlorodifluoromethane
Concen: 56.916 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085914.D
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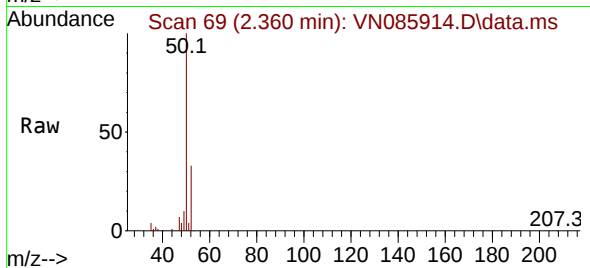
Tgt Ion: 85 Resp: 154217
Ion Ratio Lower Upper
85 100
87 33.2 16.4 49.2





#3
Chloromethane
Concen: 57.928 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

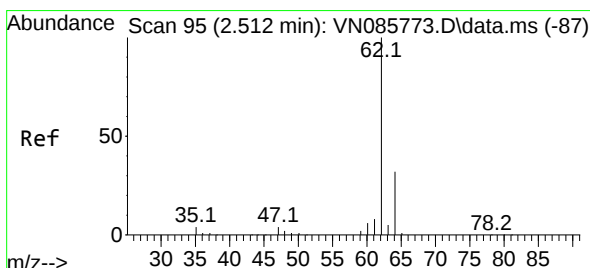
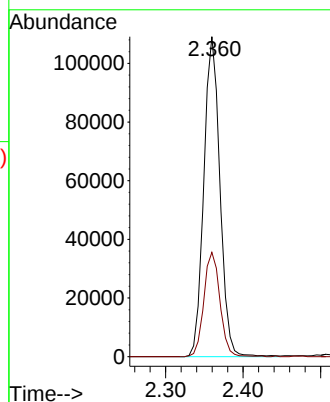
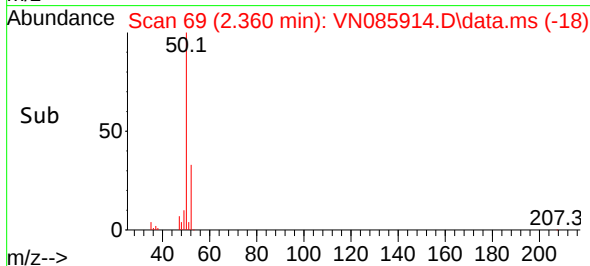
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 15750
Ion Ratio Lower Upper
50 100
52 32.6 26.7 40.1

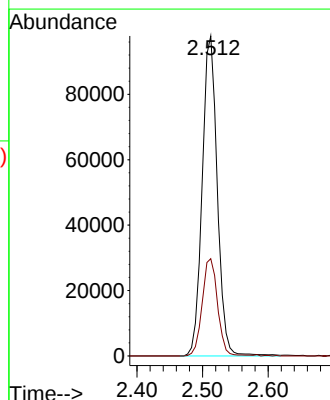
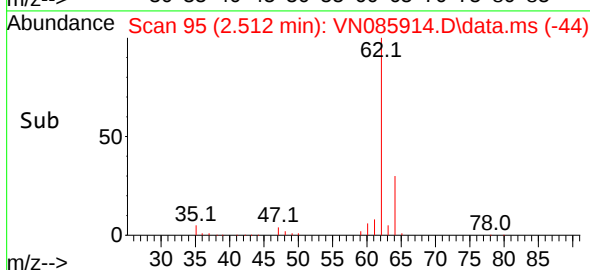
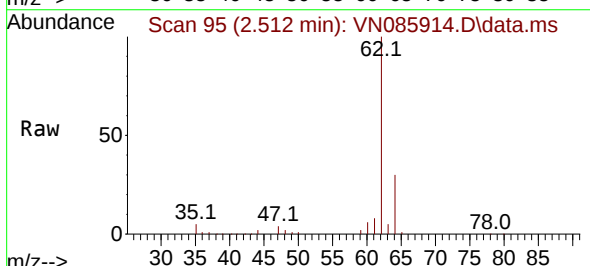
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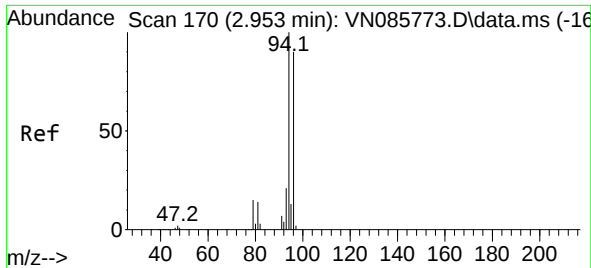
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#4
Vinyl Chloride
Concen: 54.524 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Tgt Ion: 62 Resp: 156963
Ion Ratio Lower Upper
62 100
64 30.4 25.9 38.9





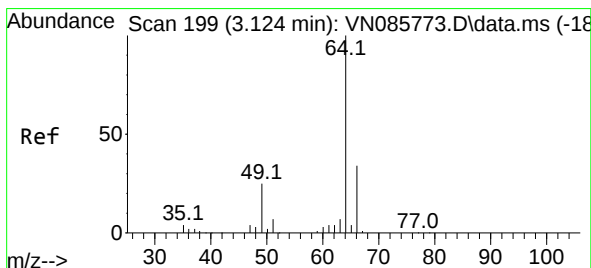
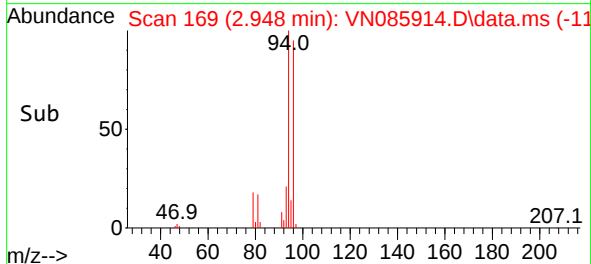
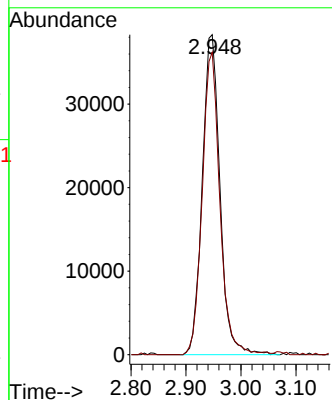
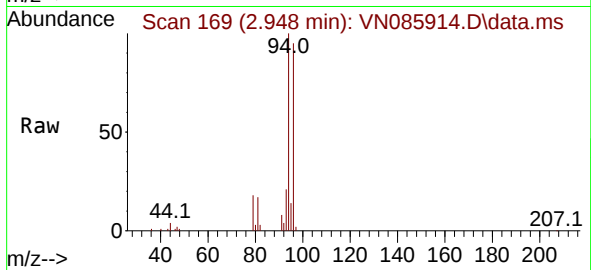
#5
Bromomethane
Concen: 46.564 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 85714
Ion Ratio Lower Upper
94 100
96 94.5 71.7 107.5

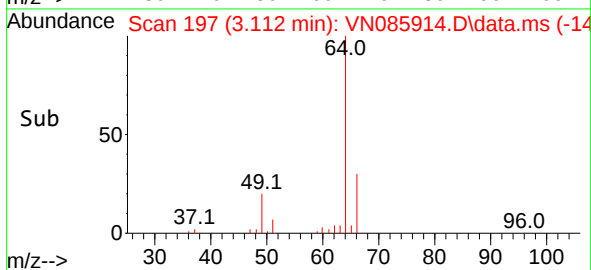
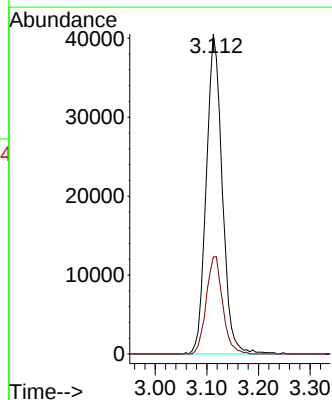
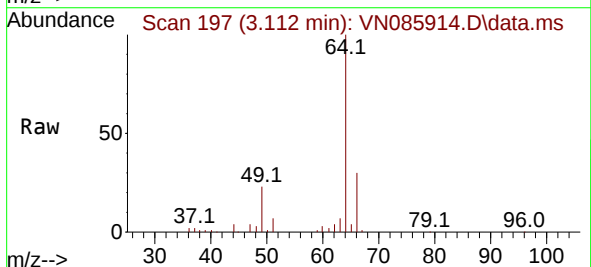
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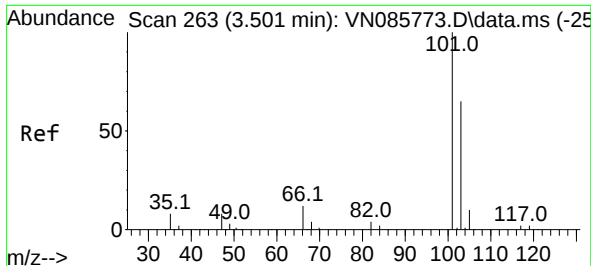
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#6
Chloroethane
Concen: 45.644 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

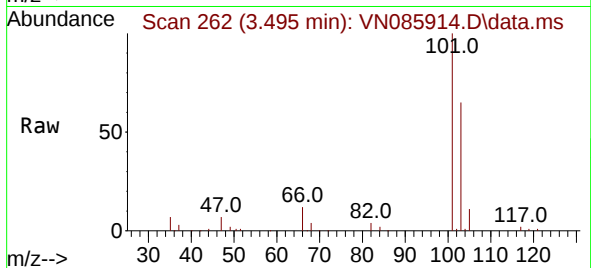
Tgt Ion: 64 Resp: 87037
Ion Ratio Lower Upper
64 100
66 30.3 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 51.720 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.006 min
 Lab File: VN085914.D
 Acq: 10 Mar 2025 12:21

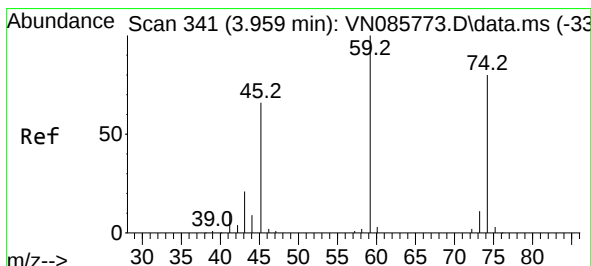
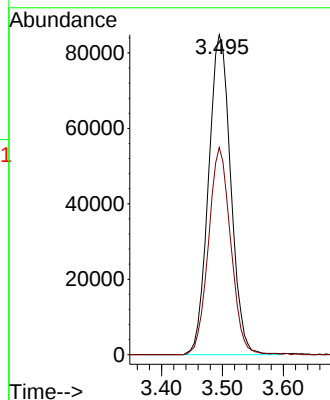
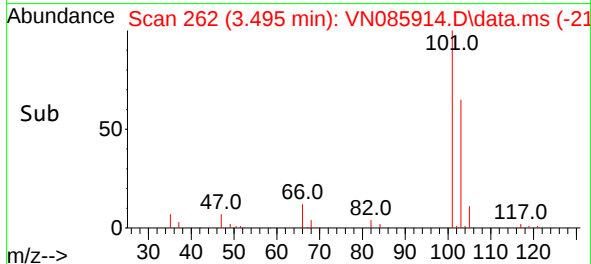
Instrument :
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Tgt Ion:101 Resp: 215570
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.2 78.4

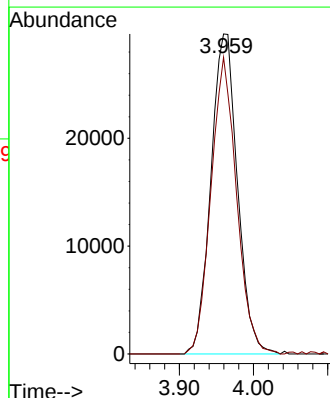
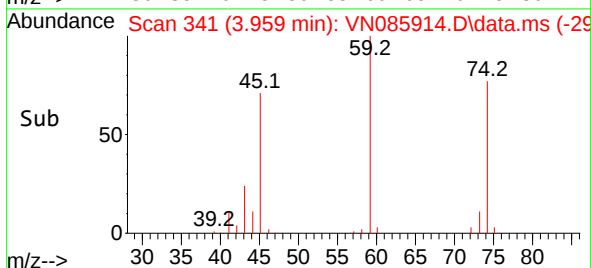
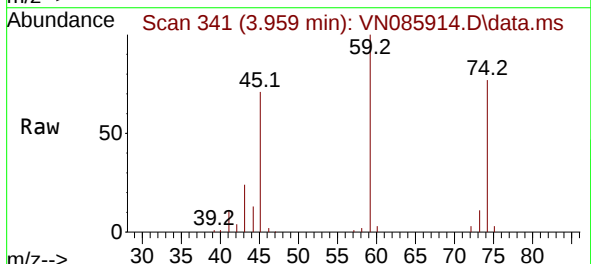
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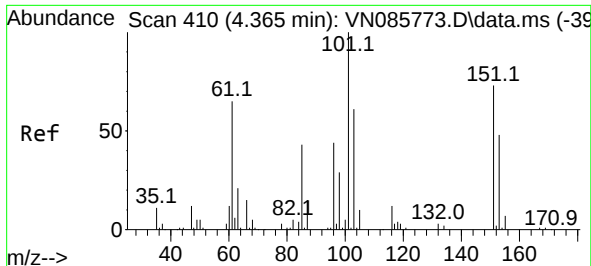
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025



#8
 Diethyl Ether
 Concen: 54.906 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085914.D
 Acq: 10 Mar 2025 12:21

Tgt Ion: 74 Resp: 74046
 Ion Ratio Lower Upper
 74 100
 45 89.3 42.5 127.6





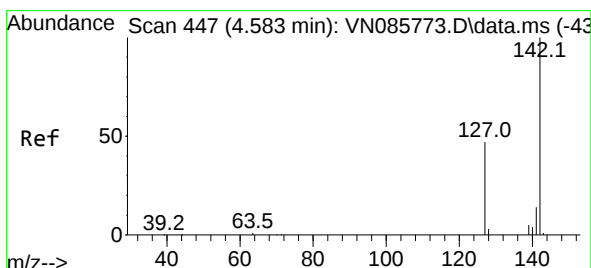
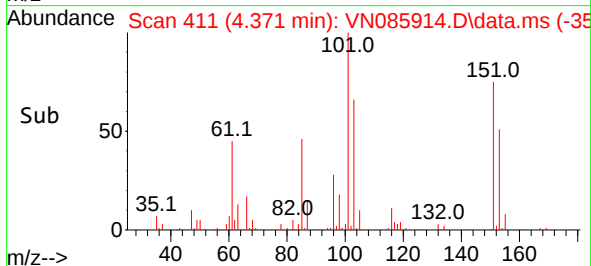
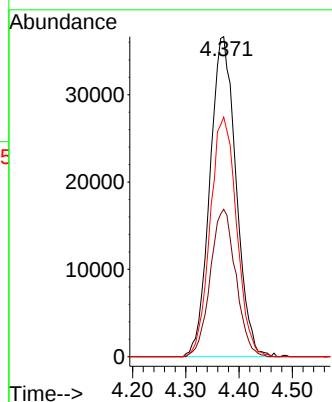
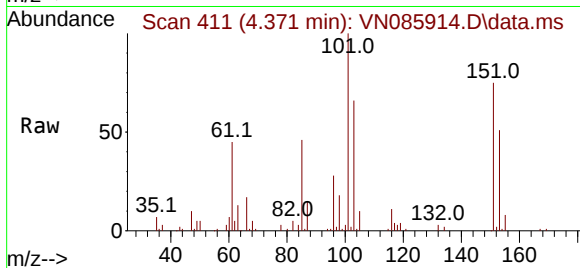
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.804 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 124810
Ion Ratio Lower Upper
101 100
85 45.0 35.7 53.5
151 75.6 61.4 92.2

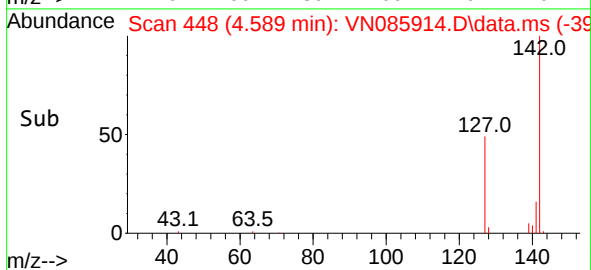
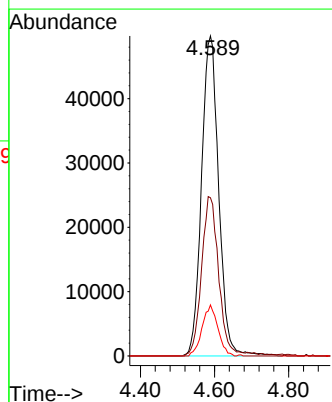
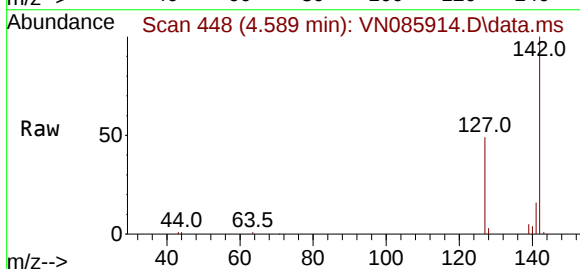
Manual Integrations
APPROVED

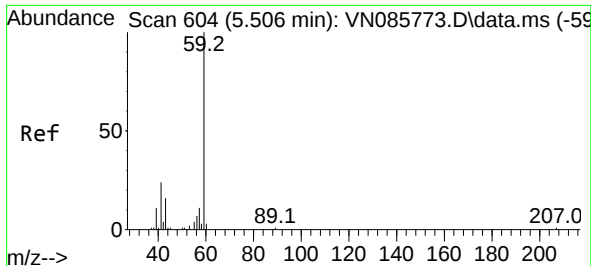
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#10
Methyl Iodide
Concen: 53.776 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Tgt Ion:142 Resp: 159707
Ion Ratio Lower Upper
142 100
127 49.5 37.6 56.4
141 16.0 11.4 17.2





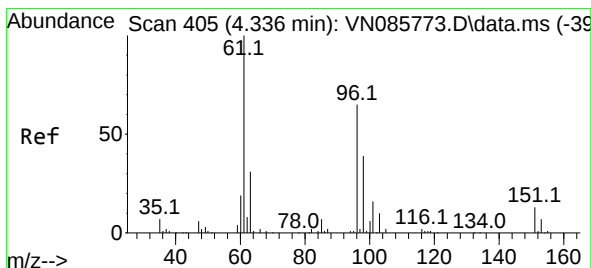
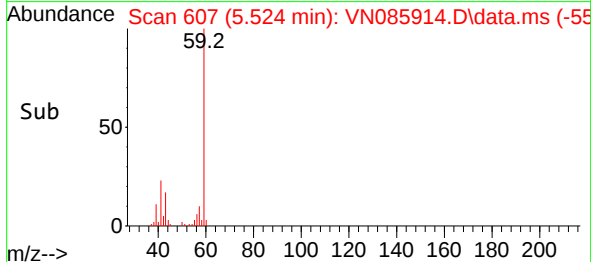
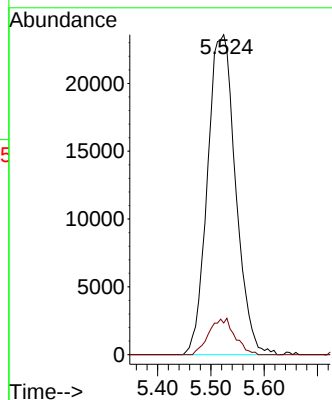
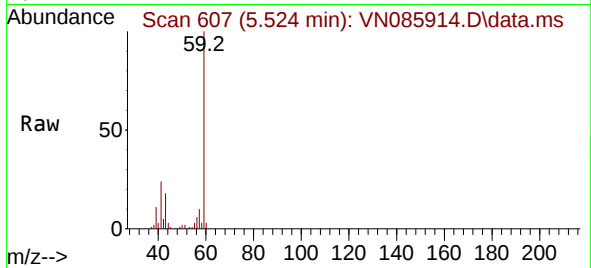
#11
Tert butyl alcohol
Concen: 272.716 ug/l
RT: 5.524 min Scan# 604
Delta R.T. 0.018 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 86620
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

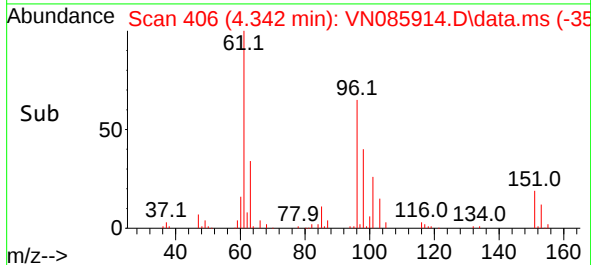
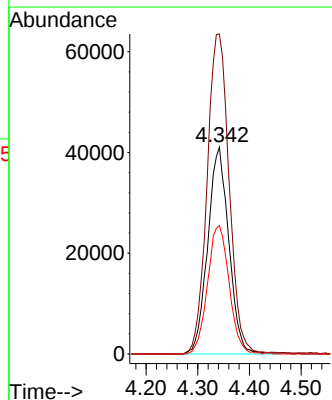
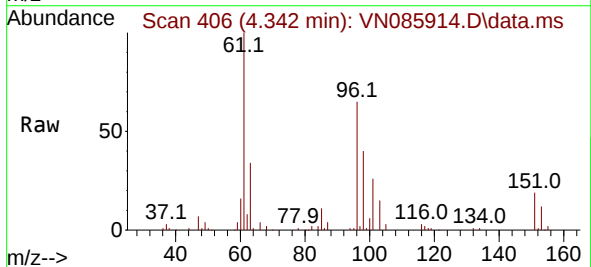
Manual Integrations
APPROVED

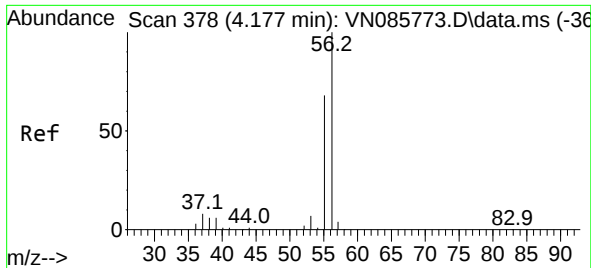
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#12
1,1-Dichloroethene
Concen: 53.282 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

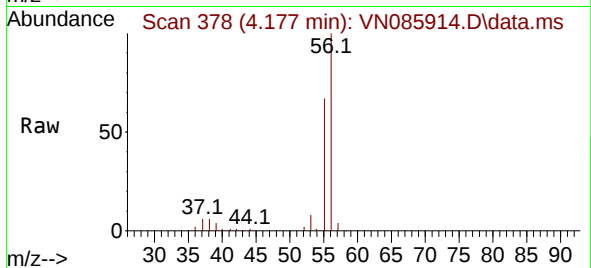
Tgt Ion: 96 Resp: 116396
Ion Ratio Lower Upper
96 100
61 154.8 123.3 184.9
98 62.1 48.6 72.8





#13
Acrolein
Concen: 278.340 ug/l
RT: 4.177 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

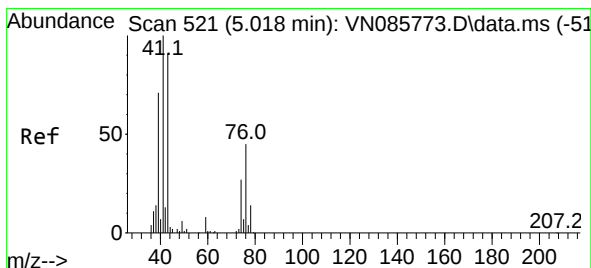
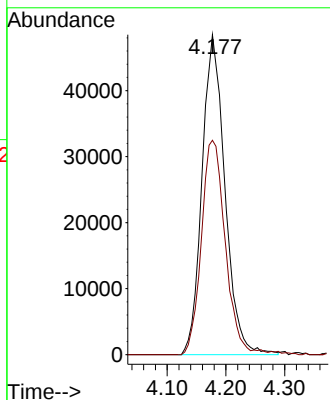
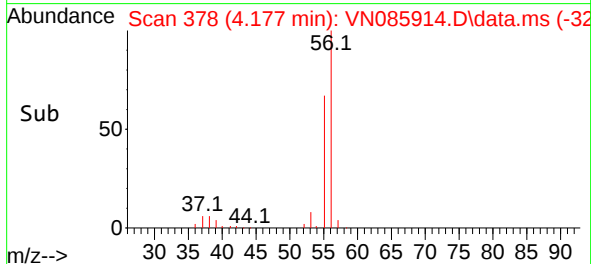
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 131110
Ion Ratio Lower Upper
56 100
55 69.8 55.3 82.9

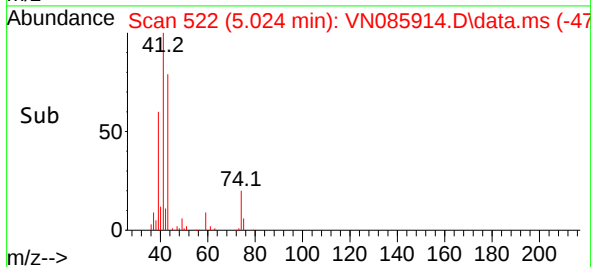
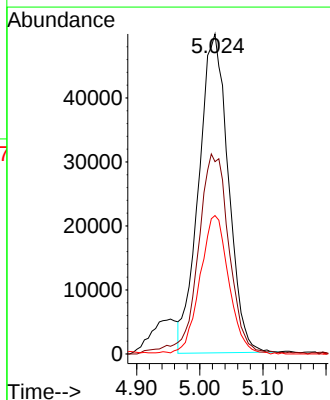
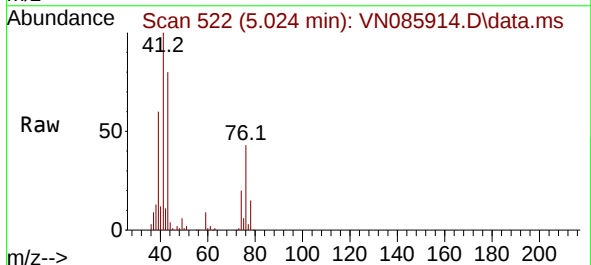
Manual Integrations
APPROVED

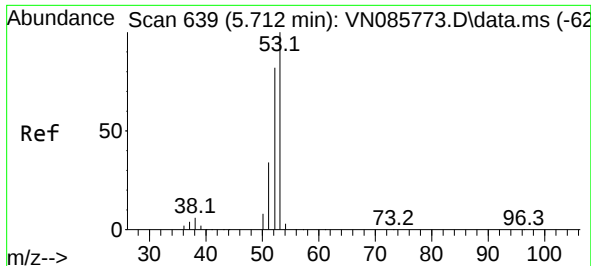
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#14
Allyl chloride
Concen: 56.379 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

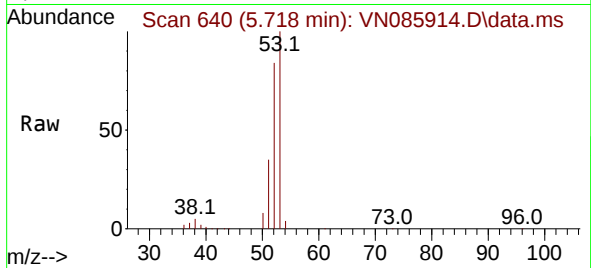
Tgt Ion: 41 Resp: 161702
Ion Ratio Lower Upper
41 100
39 66.4 57.4 86.2
76 42.7 36.2 54.2





#15
Acrylonitrile
Concen: 299.665 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

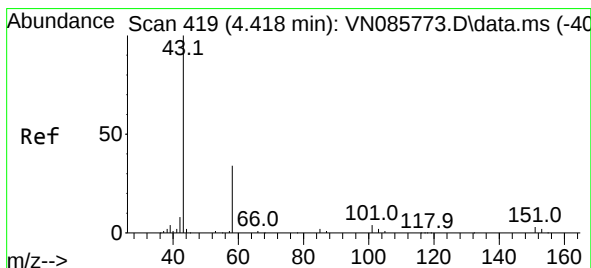
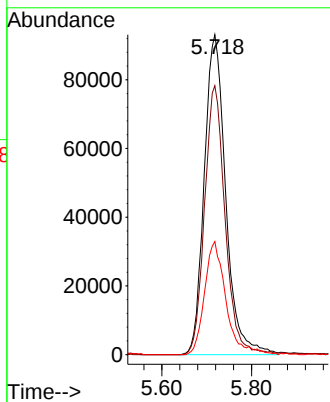
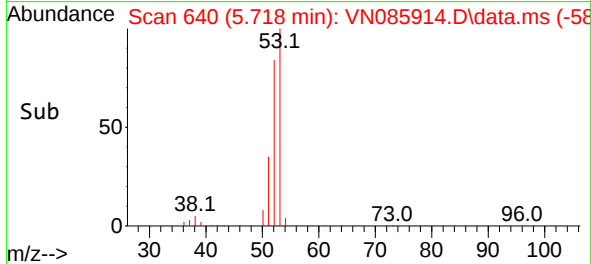
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



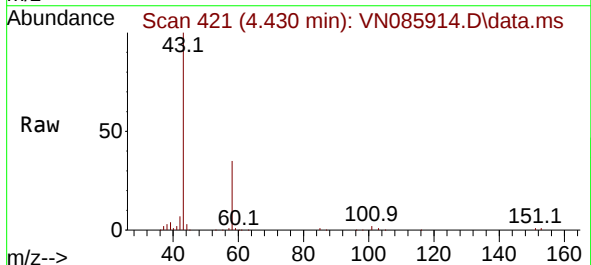
Tgt Ion: 53 Resp: 30944
Ion Ratio Lower Upper
53 100
52 80.4 65.8 98.6
51 35.2 28.6 42.8

Manual Integrations
APPROVED

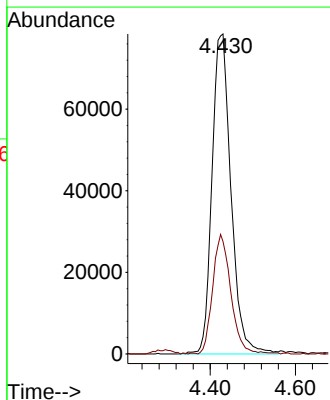
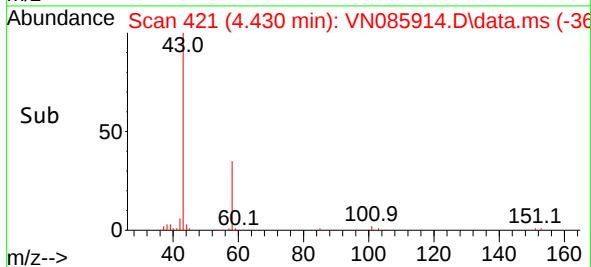
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

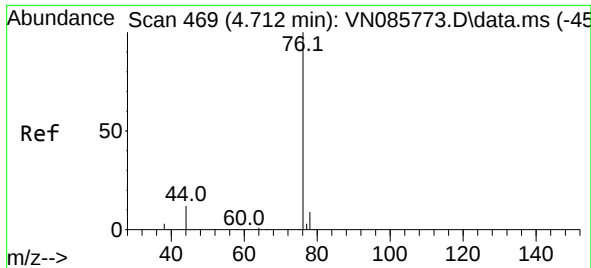


#16
Acetone
Concen: 296.742 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21



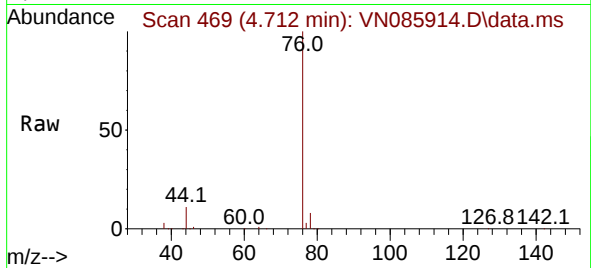
Tgt Ion: 43 Resp: 242492
Ion Ratio Lower Upper
43 100
58 34.8 27.5 41.3





#17
Carbon Disulfide
Concen: 57.082 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

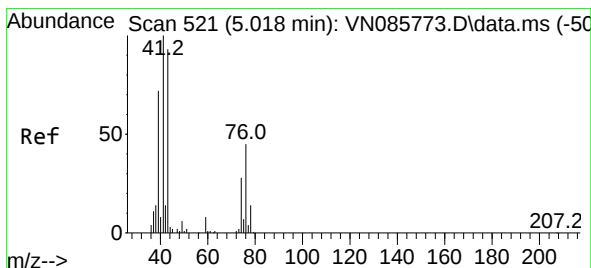
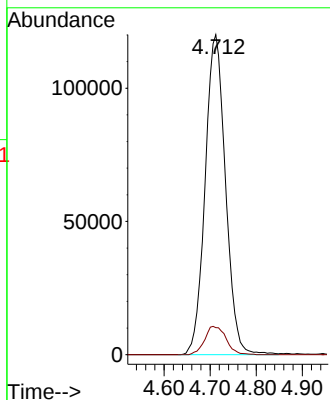
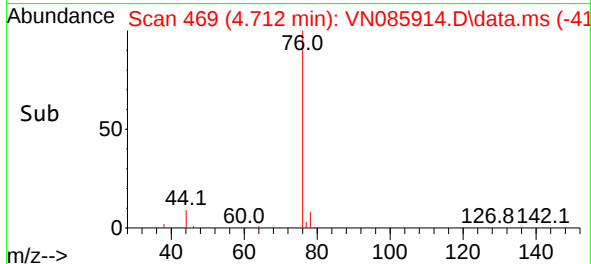
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



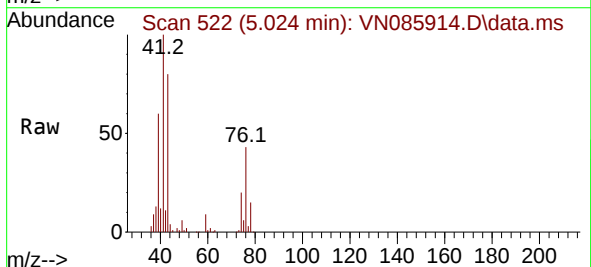
Tgt Ion: 76 Resp: 36956
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

Manual Integrations
APPROVED

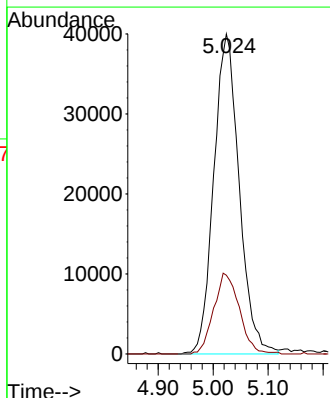
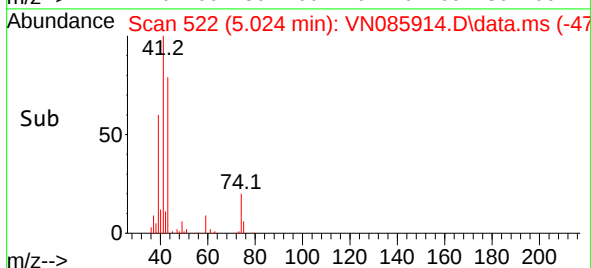
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

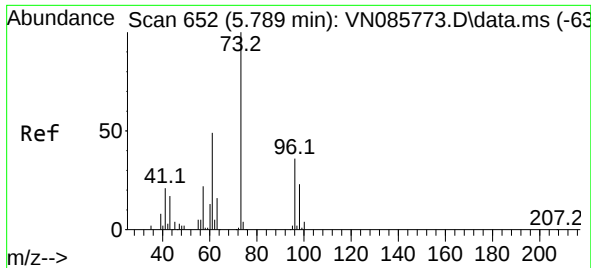


#18
Methyl Acetate
Concen: 45.686 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21



Tgt Ion: 43 Resp: 128411
Ion Ratio Lower Upper
43 100
74 25.5 22.2 33.4





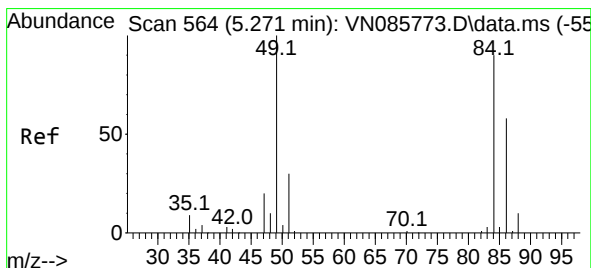
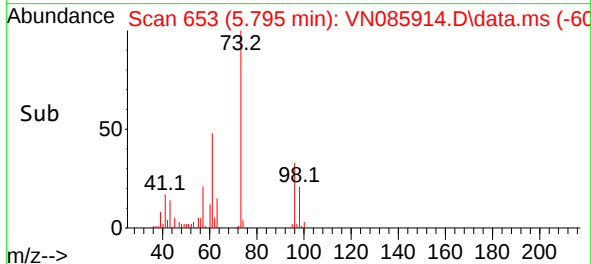
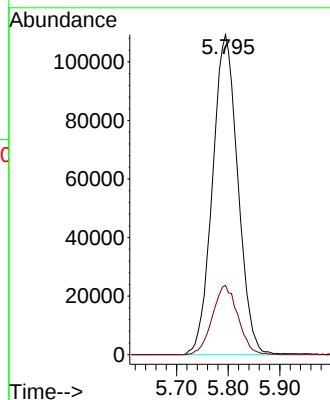
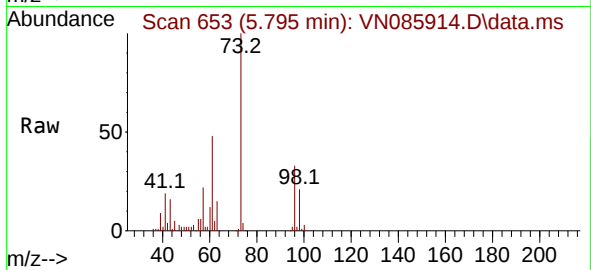
#19
Methyl tert-butyl Ether
Concen: 57.409 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 37266
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

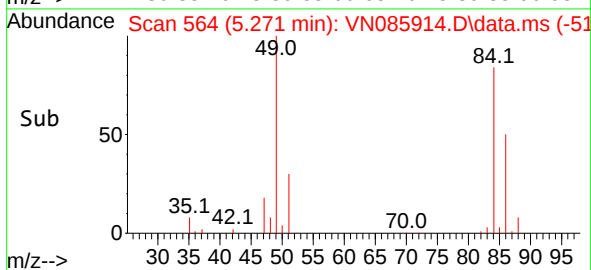
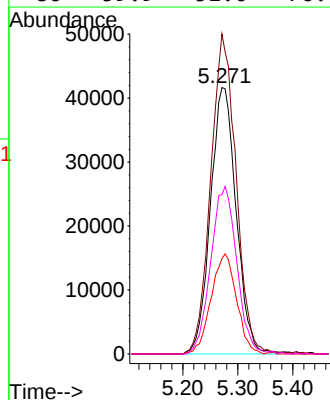
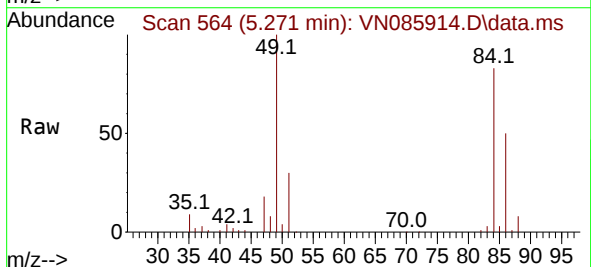
Manual Integrations
APPROVED

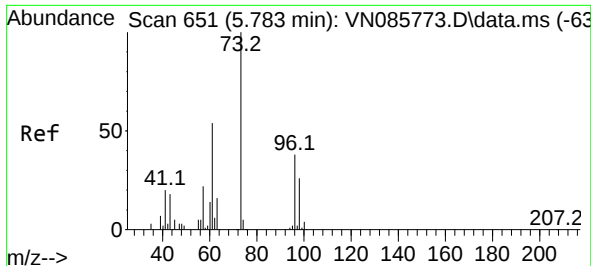
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#20
Methylene Chloride
Concen: 51.481 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

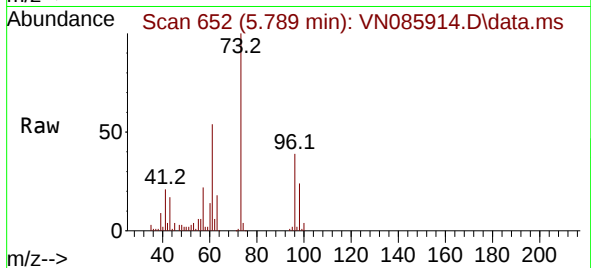
Tgt Ion: 84 Resp: 135289
Ion Ratio Lower Upper
84 100
49 120.1 88.4 132.6
51 35.8 26.6 40.0
86 59.9 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 53.160 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

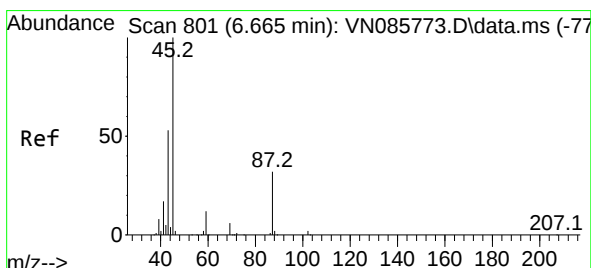
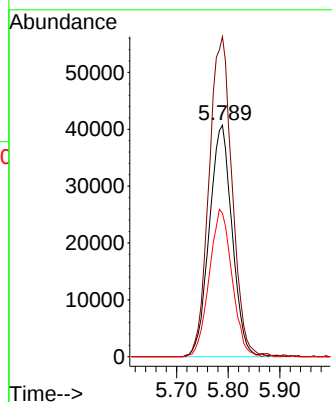
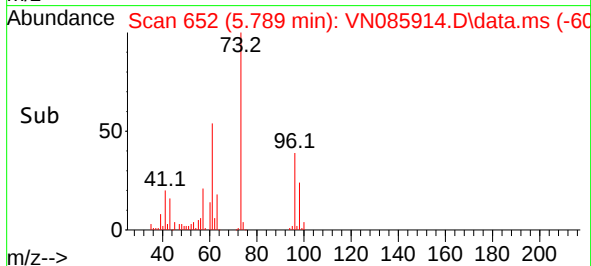
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 125049
Ion Ratio Lower Upper
96 100
61 138.2 112.6 168.8
98 61.9 53.3 79.9

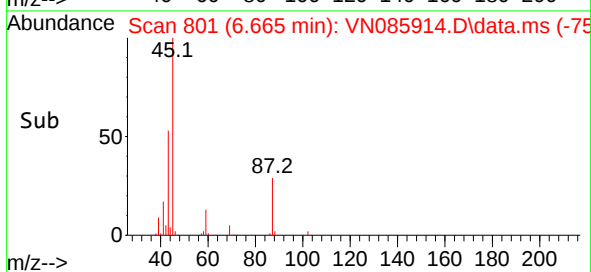
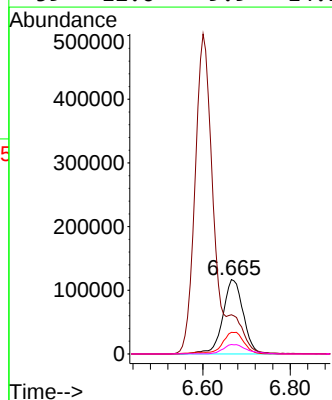
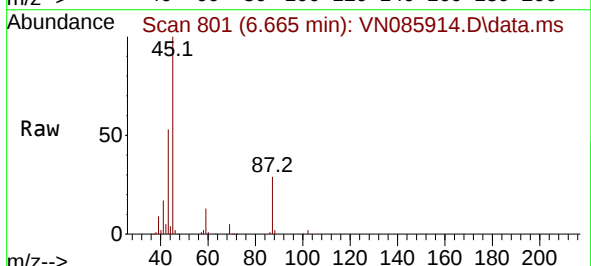
Manual Integrations
APPROVED

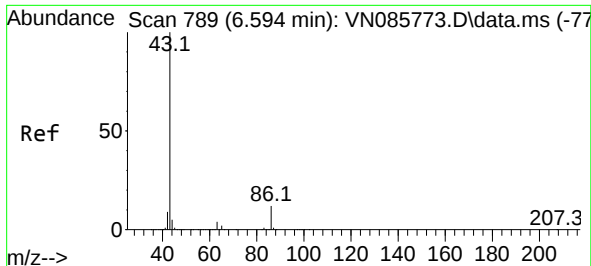
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#22
Diisopropyl ether
Concen: 58.215 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

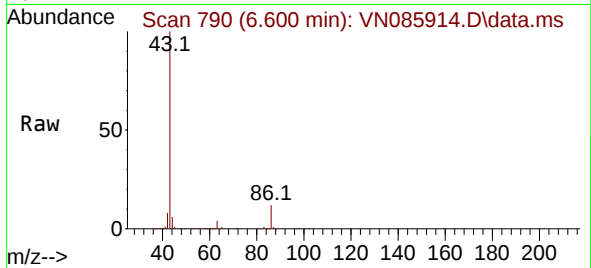
Tgt Ion: 45 Resp: 377284
Ion Ratio Lower Upper
45 100
43 52.1 42.6 64.0
87 29.0 25.8 38.8
59 12.6 9.9 14.9





#23
 Vinyl Acetate
 Concen: 314.758 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085914.D
 Acq: 10 Mar 2025 12:21

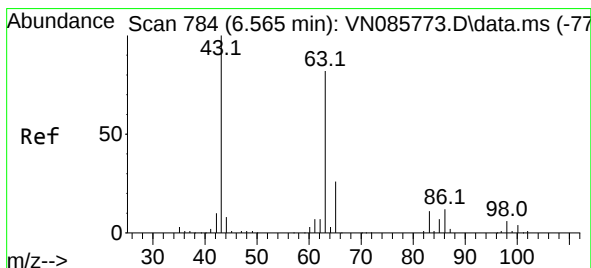
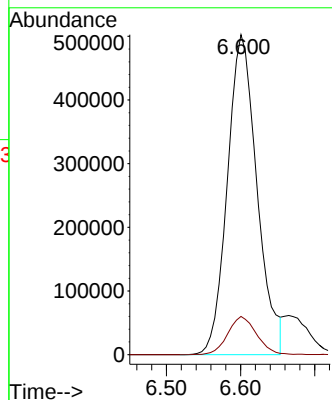
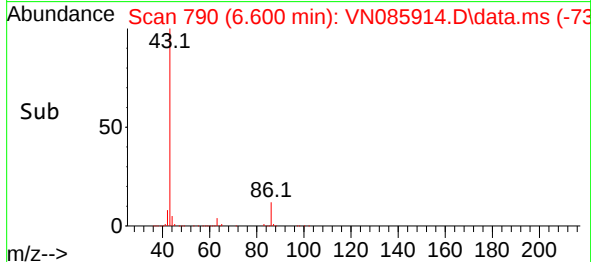
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



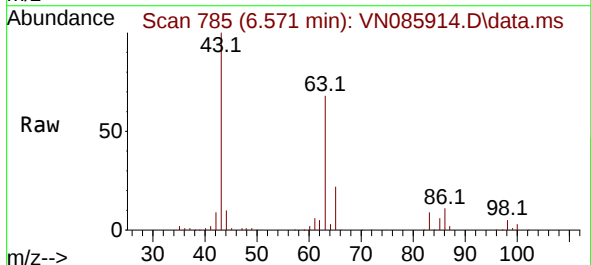
Tgt Ion: 43 Resp: 1396718
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.8 14.8

Manual Integrations
 APPROVED

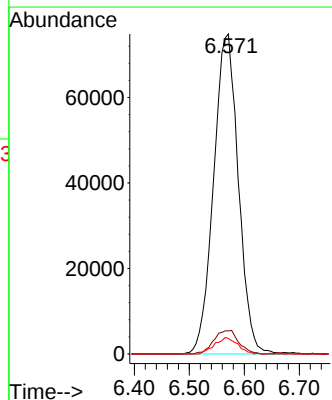
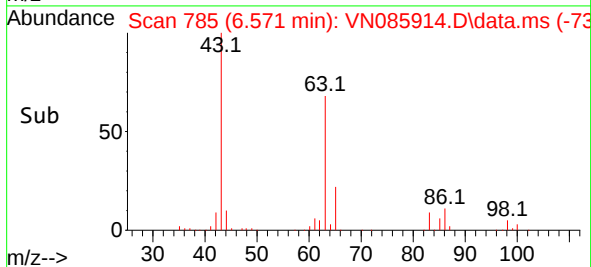
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025

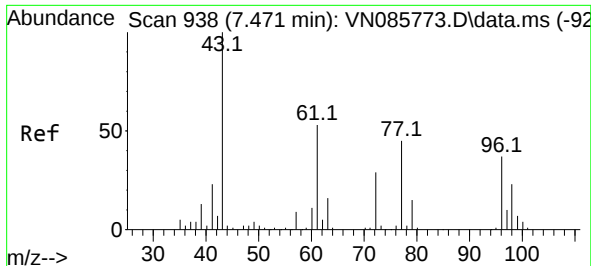


#24
 1,1-Dichloroethane
 Concen: 53.121 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085914.D
 Acq: 10 Mar 2025 12:21



Tgt Ion: 63 Resp: 234031
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.9 2.4 7.2





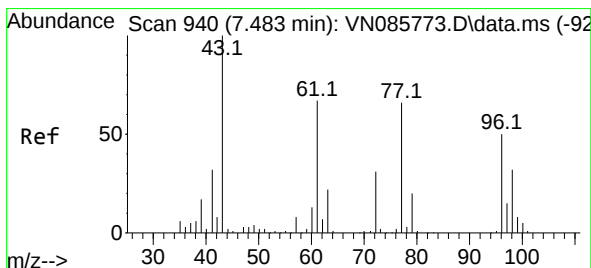
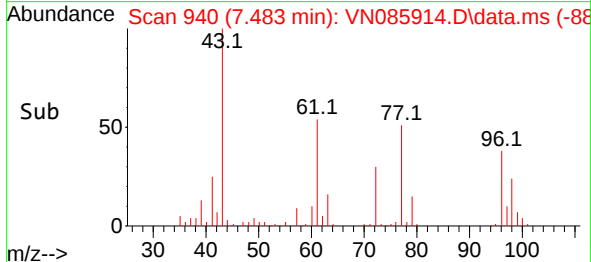
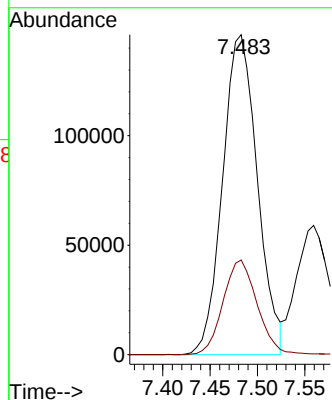
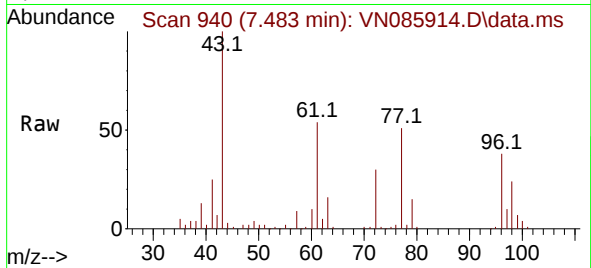
#25
2-Butanone
Concen: 310.476 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 373262
Ion Ratio Lower Upper
43 100
72 29.6 23.6 35.4

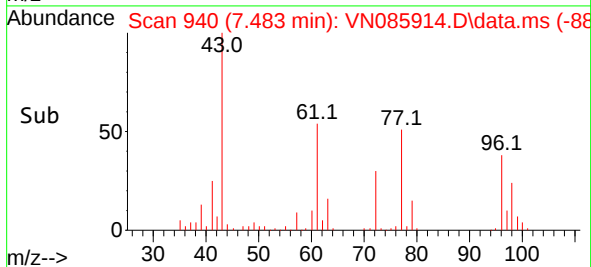
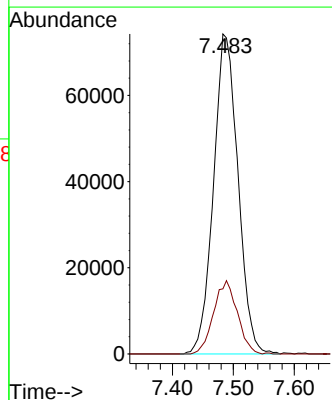
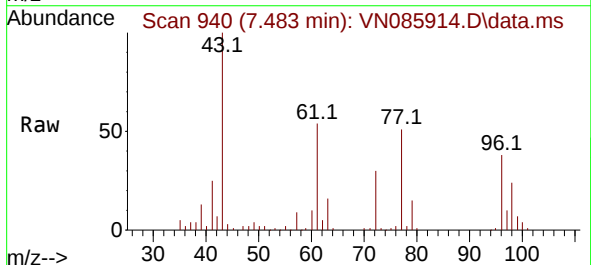
Manual Integrations
APPROVED

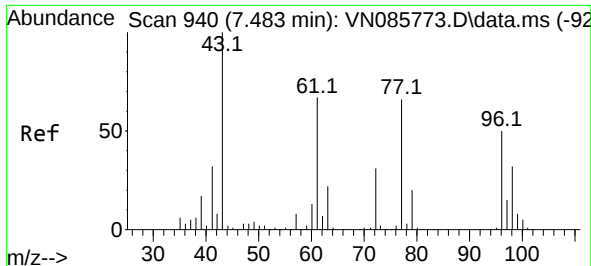
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#26
2,2-Dichloropropane
Concen: 52.896 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

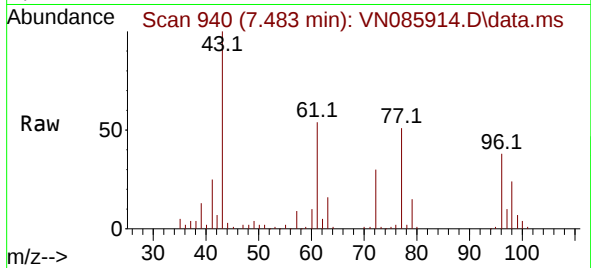
Tgt Ion: 77 Resp: 207222
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 52.814 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085914.D
 Acq: 10 Mar 2025 12:21

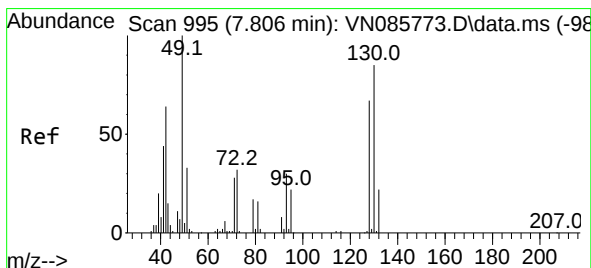
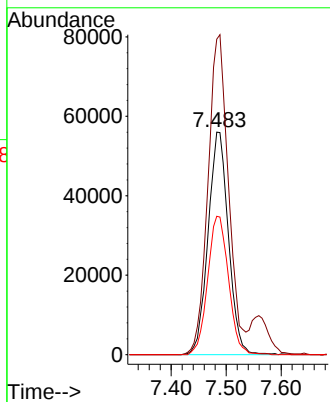
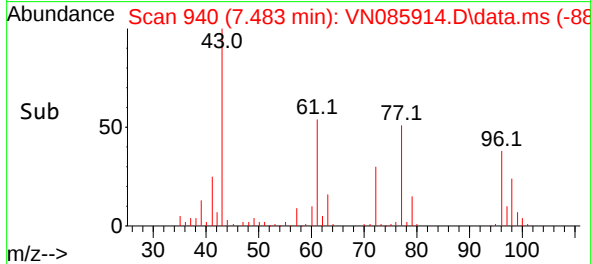
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 144040
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 280.6
 98 63.8 0.0 128.6

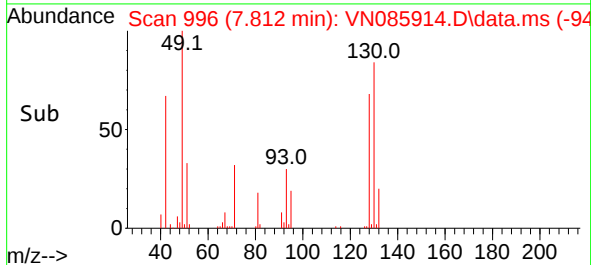
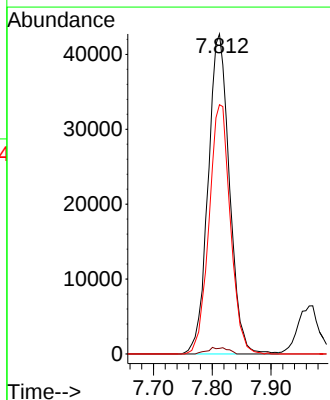
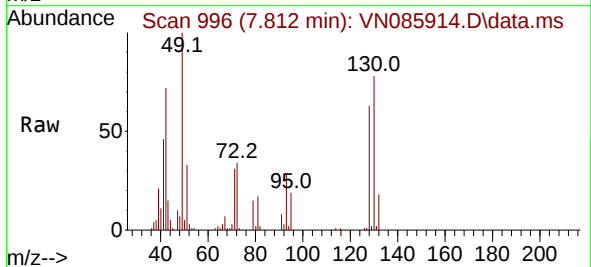
Manual Integrations
 APPROVED

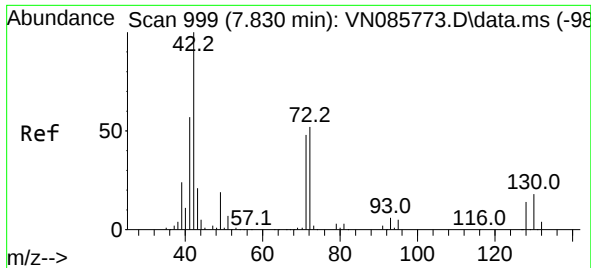
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025



#28
 Bromochloromethane
 Concen: 59.441 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085914.D
 Acq: 10 Mar 2025 12:21

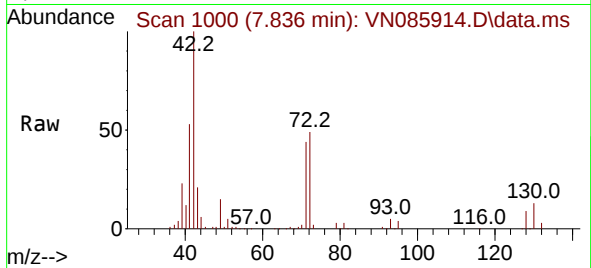
Tgt Ion: 49 Resp: 107632
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 77.8 68.0 102.0





#29
Tetrahydrofuran
Concen: 323.115 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

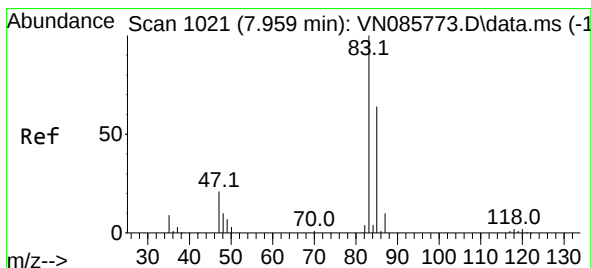
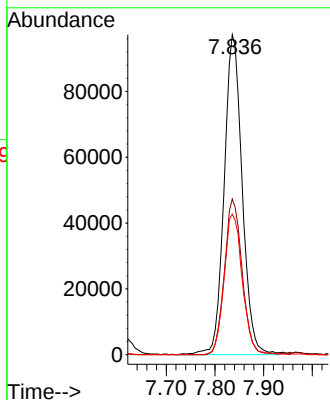
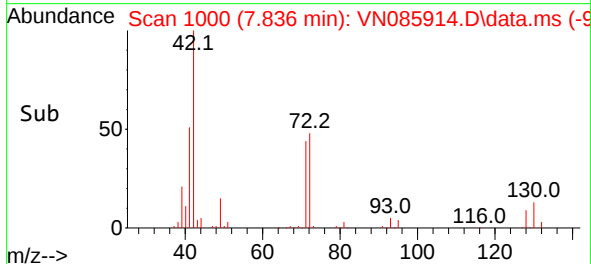
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 250844
Ion Ratio Lower Upper
42 100
72 47.7 40.0 60.0
71 44.4 37.0 55.4

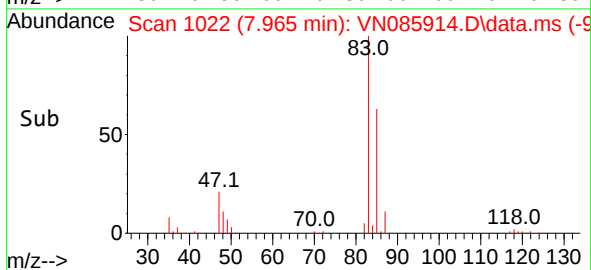
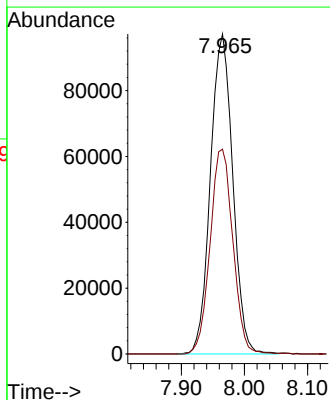
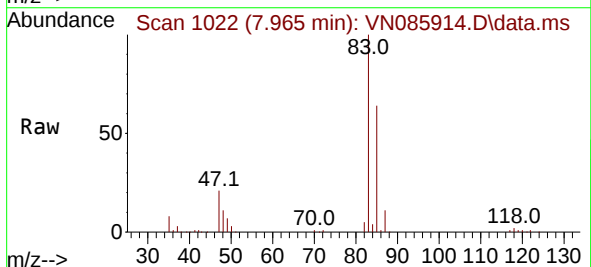
Manual Integrations
APPROVED

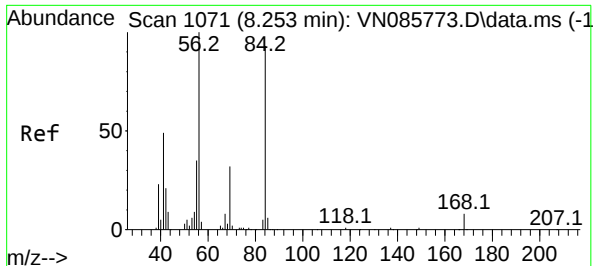
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#30
Chloroform
Concen: 51.795 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

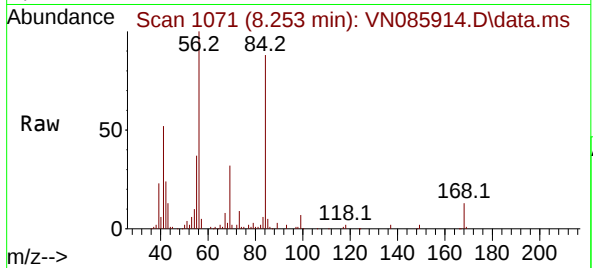
Tgt Ion: 83 Resp: 238464
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3





#31
Cyclohexane
Concen: 55.547 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

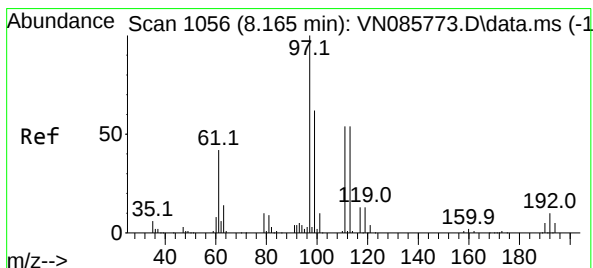
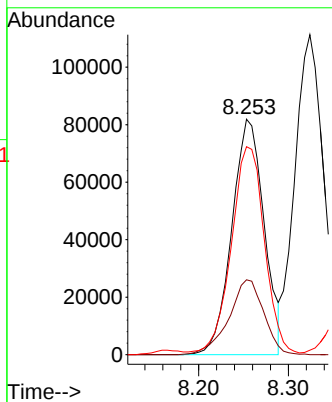
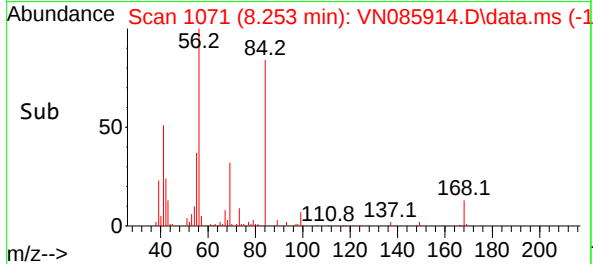
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



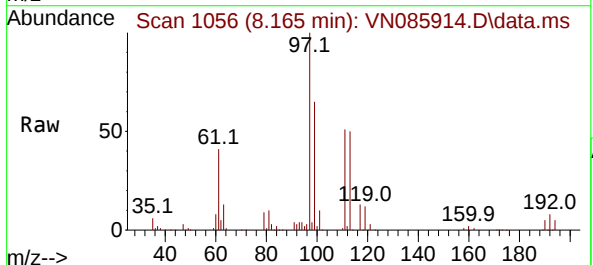
Tgt Ion: 56 Resp: 204898
Ion Ratio Lower Upper
56 100
69 31.8 25.8 38.6
84 86.7 74.5 111.7

Manual Integrations
APPROVED

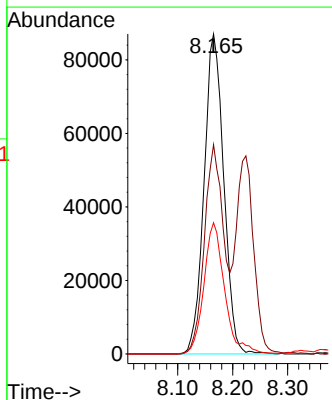
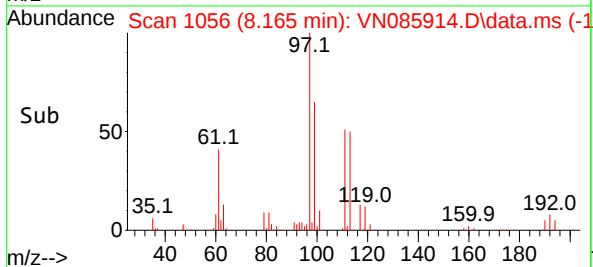
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

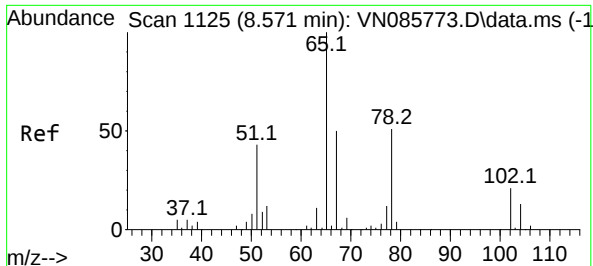


#32
1,1,1-Trichloroethane
Concen: 52.842 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21



Tgt Ion: 97 Resp: 216387
Ion Ratio Lower Upper
97 100
99 63.8 50.4 75.6
61 43.3 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 48.442 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085914.D

Acq: 10 Mar 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 12510

Ion Ratio Lower Upper

65 100

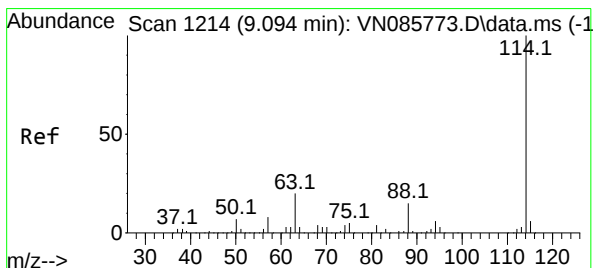
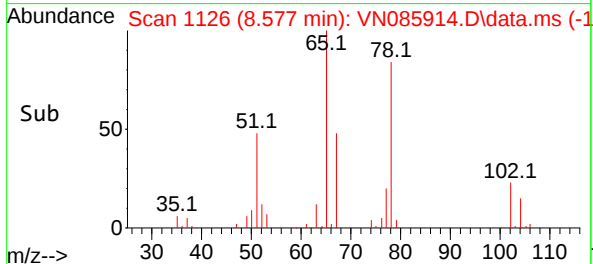
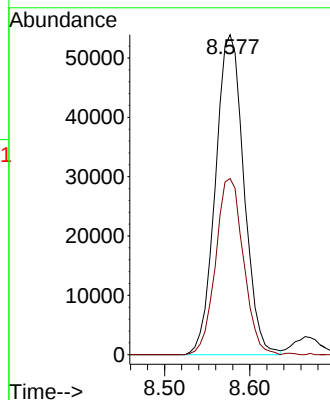
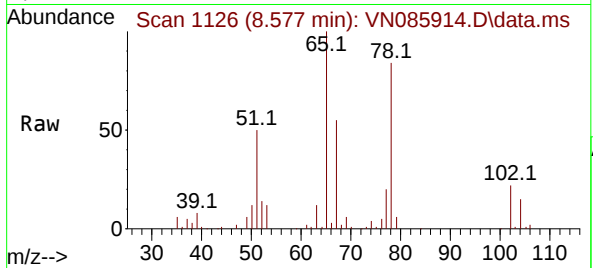
67 53.8 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085914.D

Acq: 10 Mar 2025 12:21

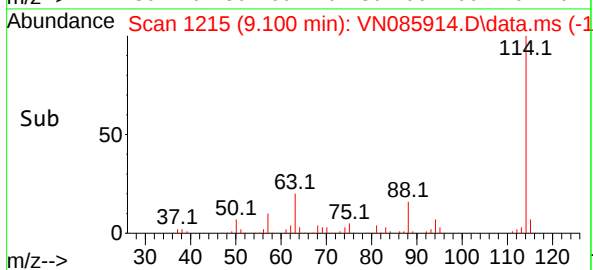
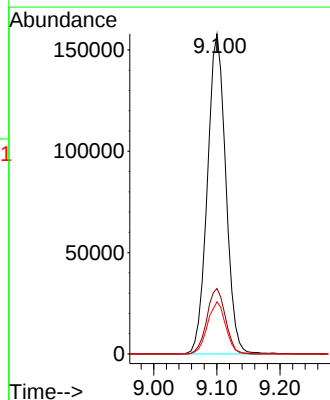
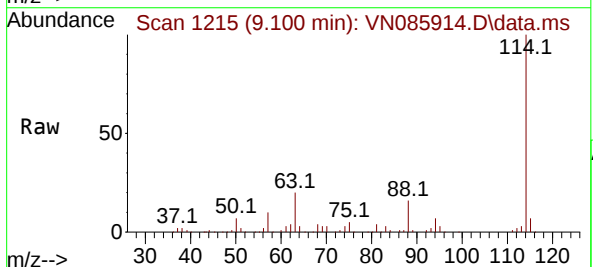
Tgt Ion:114 Resp: 319135

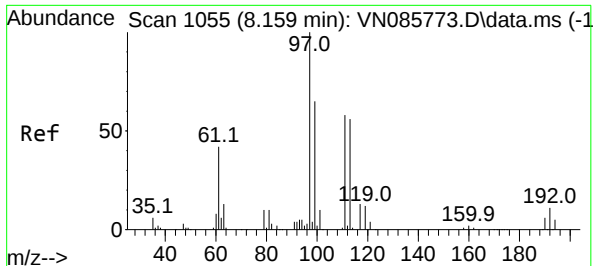
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

88 16.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.093 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085914.D

Acq: 10 Mar 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 104608

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

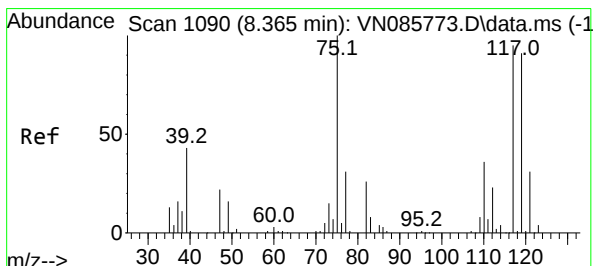
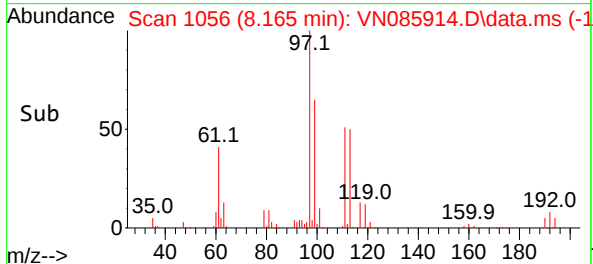
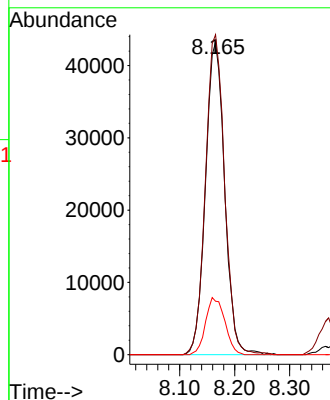
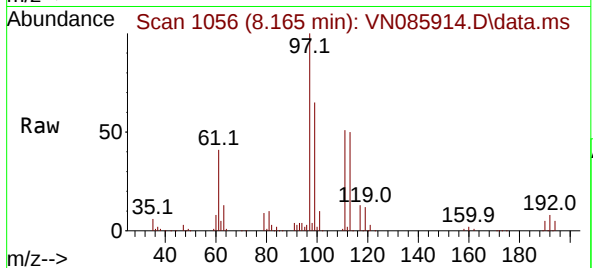
192 18.3 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#36

1,1-Dichloropropene

Concen: 58.355 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN085914.D

Acq: 10 Mar 2025 12:21

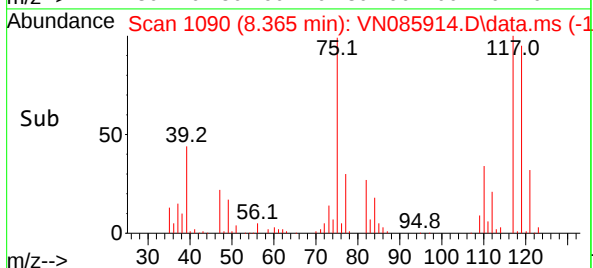
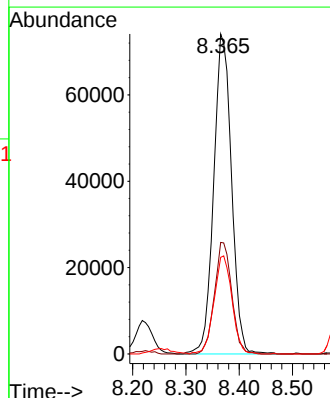
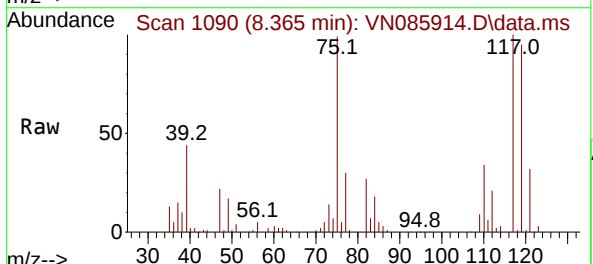
Tgt Ion: 75 Resp: 172465

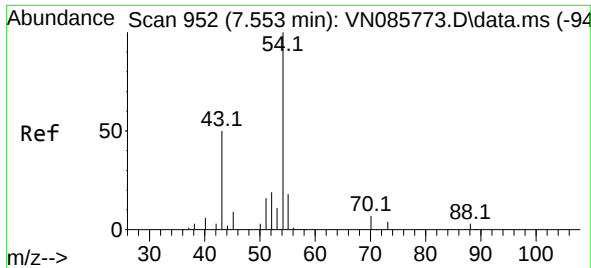
Ion Ratio Lower Upper

75 100

110 34.0 17.3 52.0

77 30.9 24.6 37.0





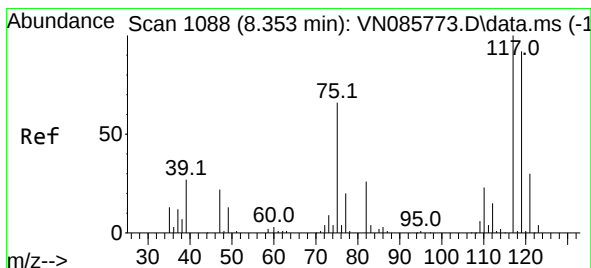
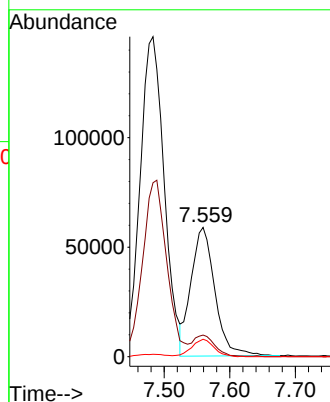
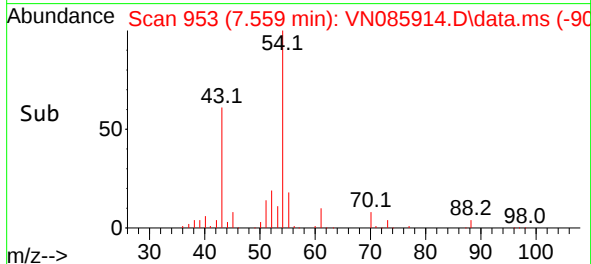
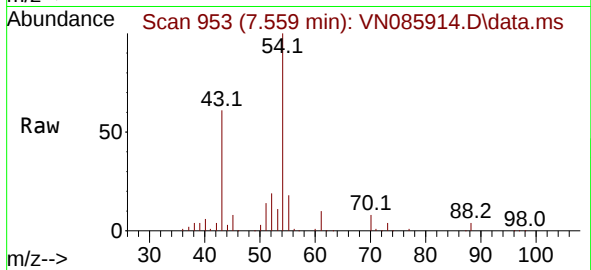
#37
Ethyl Acetate
Concen: 61.352 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 149219
Ion Ratio Lower Upper
43 100
61 14.8 12.2 18.2
70 12.6 9.5 14.3

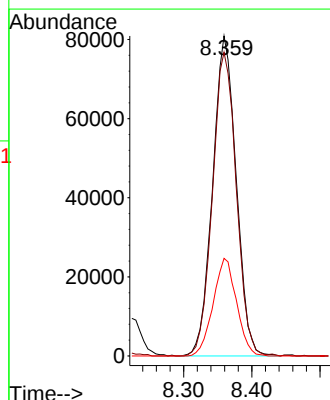
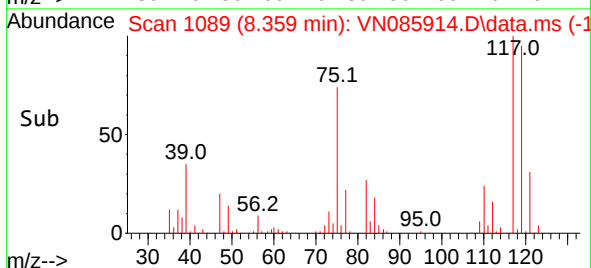
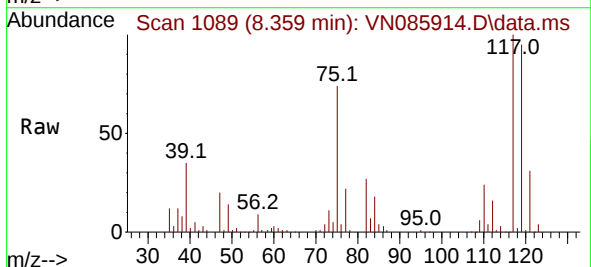
Manual Integrations
APPROVED

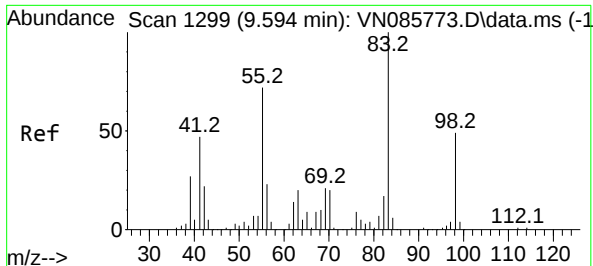
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#38
Carbon Tetrachloride
Concen: 55.377 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Tgt Ion:117 Resp: 194466
Ion Ratio Lower Upper
117 100
119 94.9 73.8 110.6
121 30.5 24.3 36.5





#39

Methylcyclohexane

Concen: 61.448 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085914.D

Acq: 10 Mar 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 17841

Ion Ratio Lower Upper

83 100

55 77.6 57.5 86.3

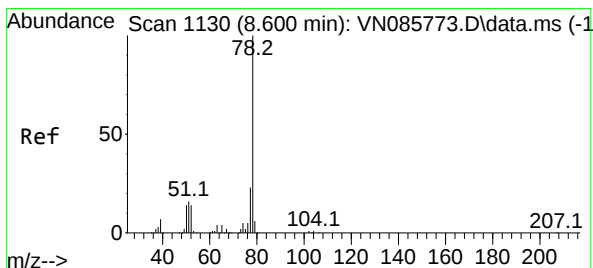
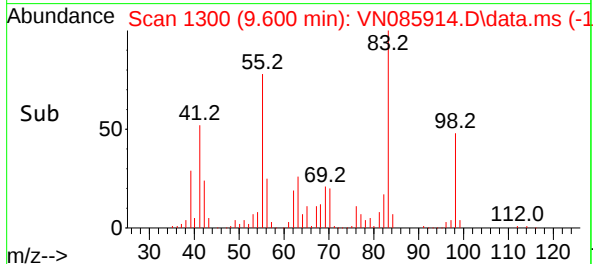
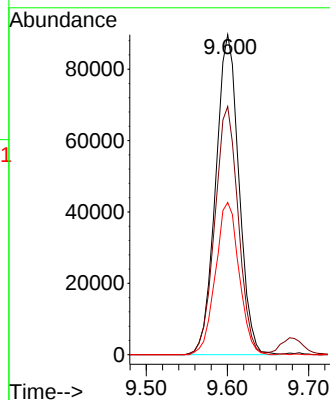
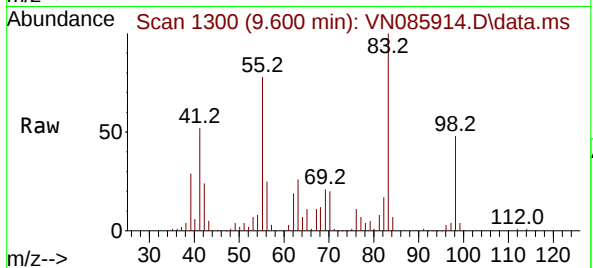
98 47.5 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#40

Benzene

Concen: 56.576 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085914.D

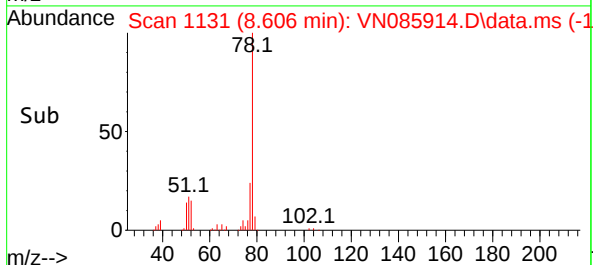
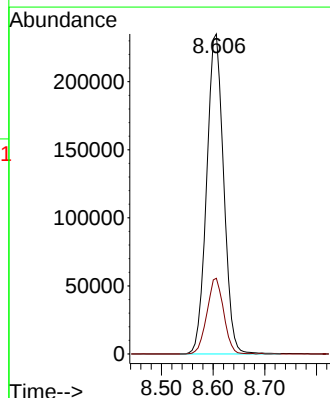
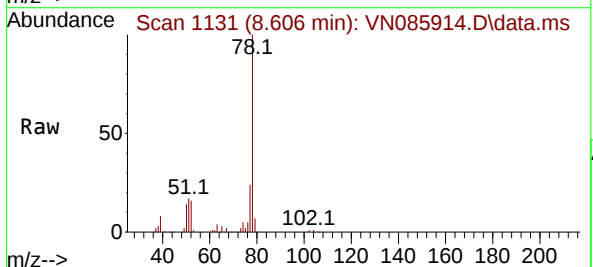
Acq: 10 Mar 2025 12:21

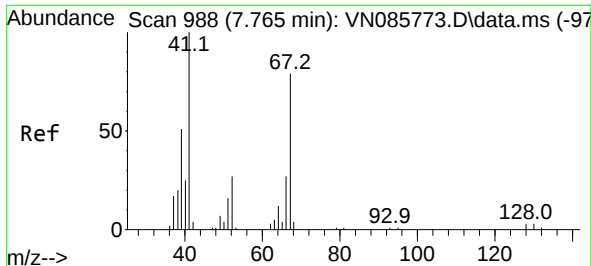
Tgt Ion: 78 Resp: 535918

Ion Ratio Lower Upper

78 100

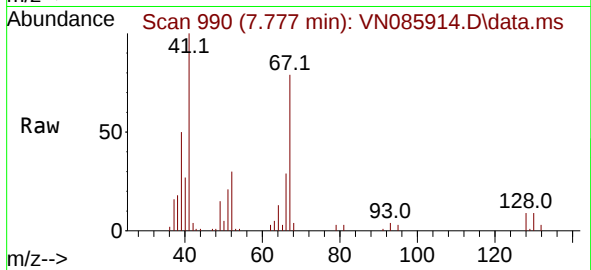
77 23.6 18.3 27.5





#41
Methacrylonitrile
Concen: 58.962 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

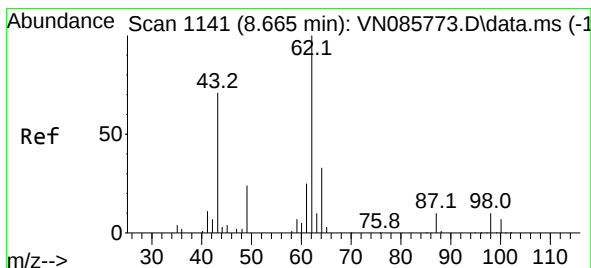
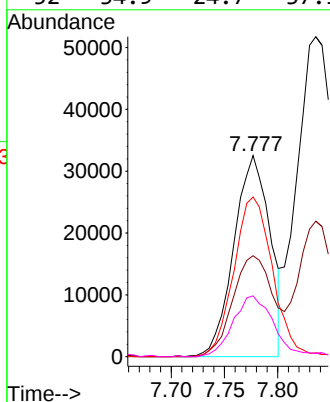
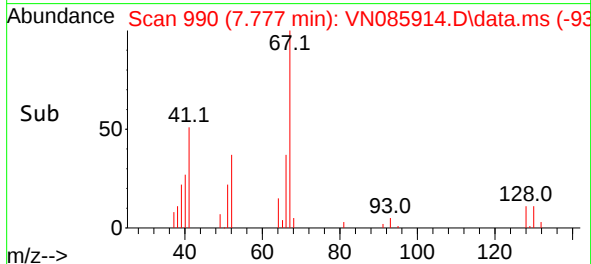
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 7666
Ion Ratio Lower Upper
41 100
39 56.8 42.0 63.0
67 85.9 64.2 96.4
52 34.9 24.7 37.1

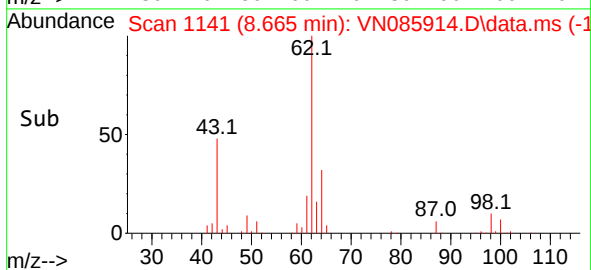
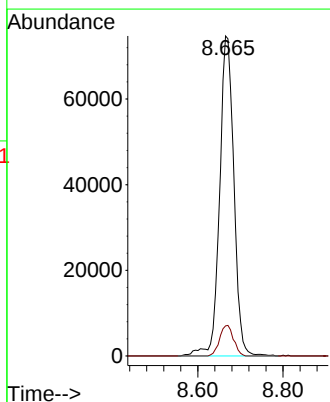
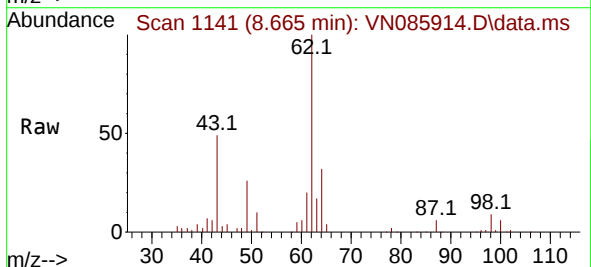
Manual Integrations
APPROVED

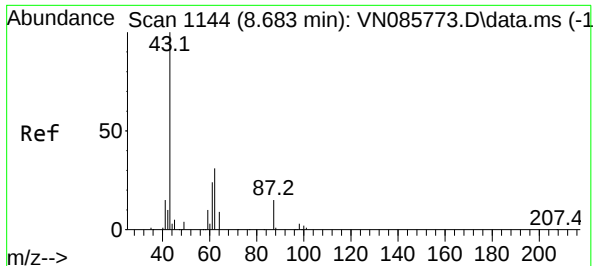
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#42
1,2-Dichloroethane
Concen: 56.504 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

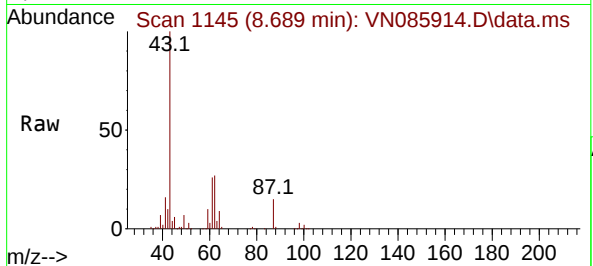
Tgt Ion: 62 Resp: 174339
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.6





#43
Isopropyl Acetate
Concen: 59.765 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

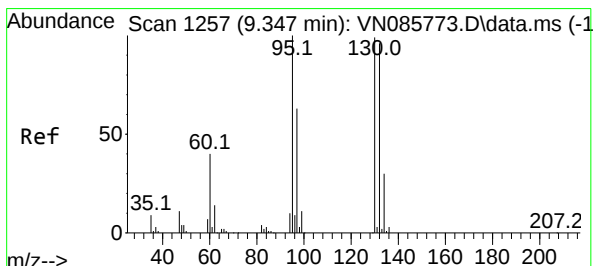
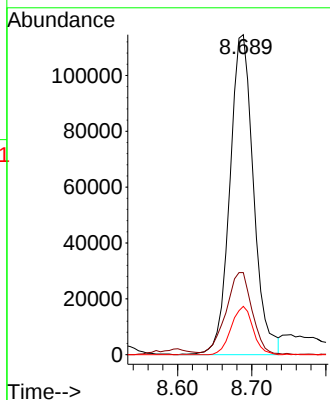
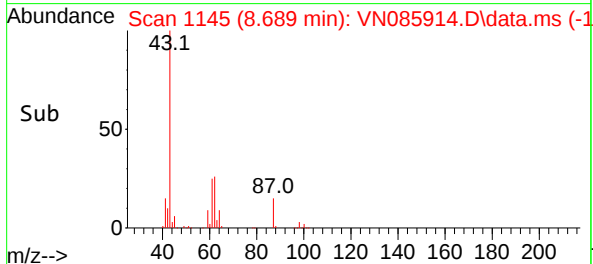
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 254649
Ion Ratio Lower Upper
43 100
61 28.5 22.6 34.0
87 13.8 11.8 17.8

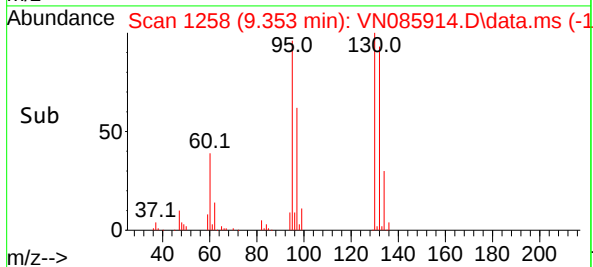
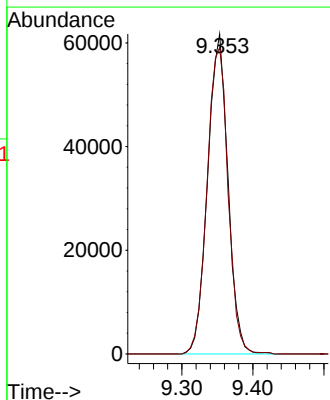
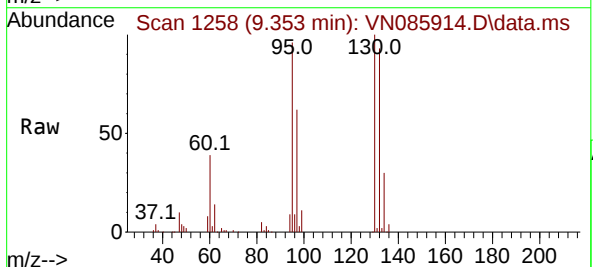
Manual Integrations
APPROVED

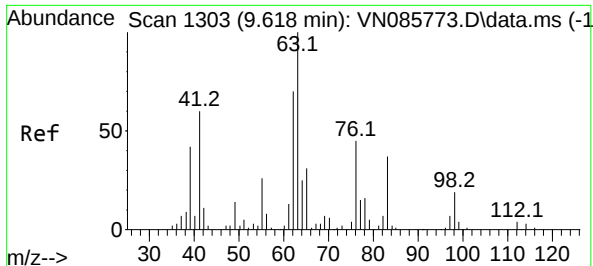
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#44
Trichloroethene
Concen: 52.714 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

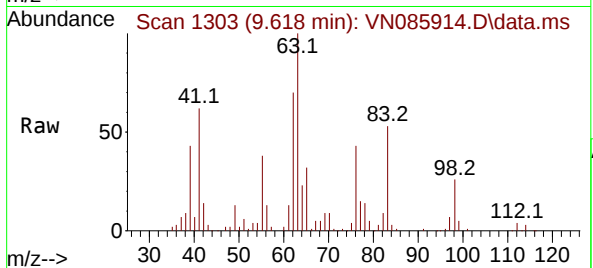
Tgt Ion:130 Resp: 122600
Ion Ratio Lower Upper
130 100
95 95.8 0.0 202.6





#45
1,2-Dichloropropane
Concen: 58.240 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

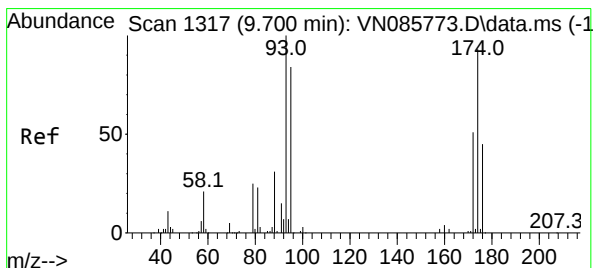
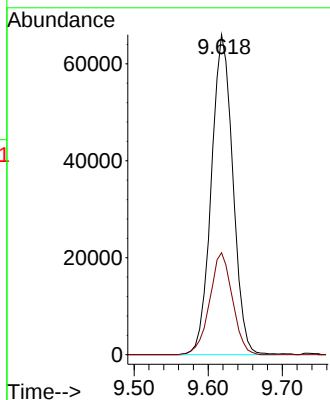
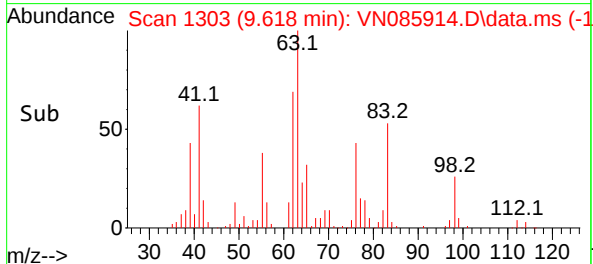
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



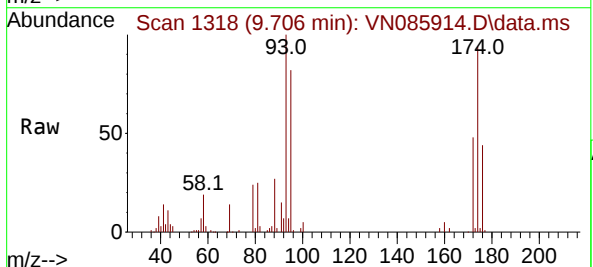
Tgt Ion: 63 Resp: 13316
Ion Ratio Lower Upper
63 100
65 31.8 25.1 37.7

Manual Integrations
APPROVED

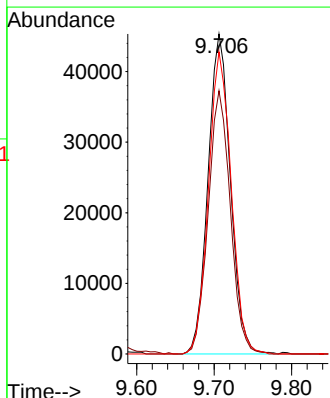
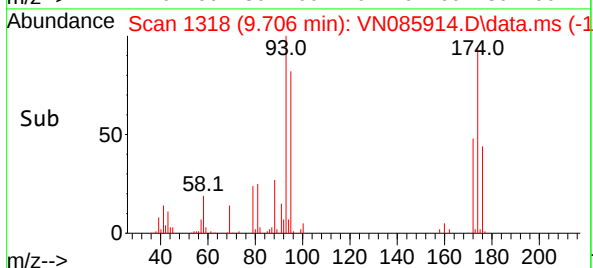
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

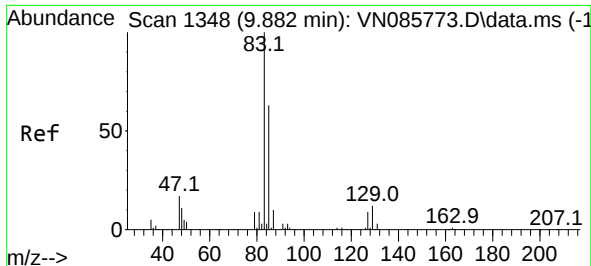


#46
Dibromomethane
Concen: 56.443 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21



Tgt Ion: 93 Resp: 91031
Ion Ratio Lower Upper
93 100
95 81.6 66.7 100.1
174 95.8 77.2 115.8





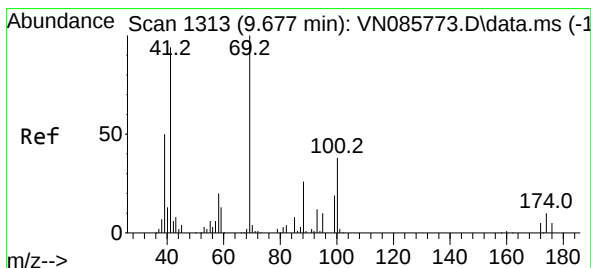
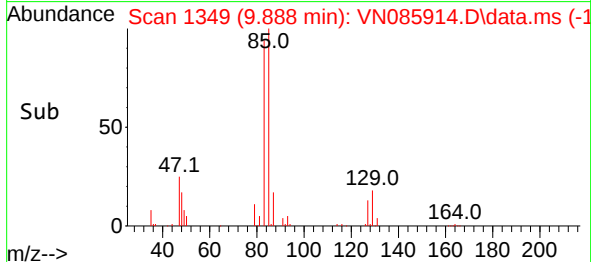
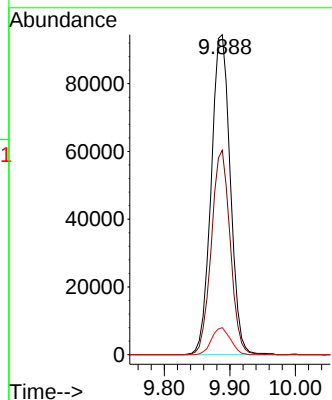
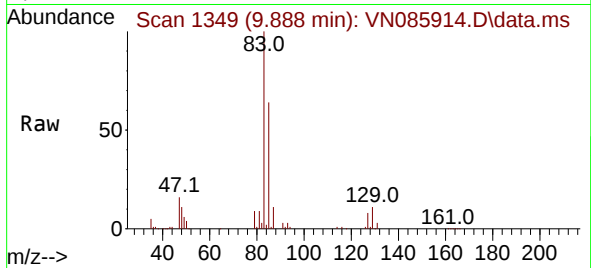
#47
Bromodichloromethane
Concen: 55.323 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 19089
Ion Ratio Lower Upper
83 100
85 63.9 50.5 75.7
127 8.5 7.2 10.8

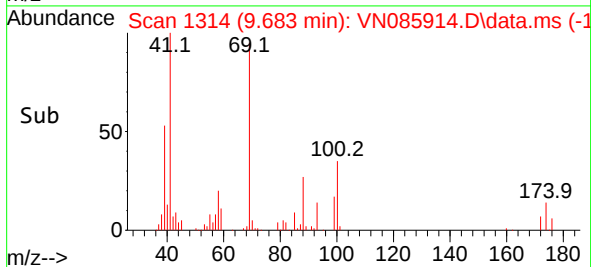
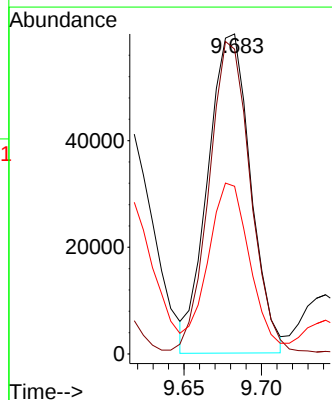
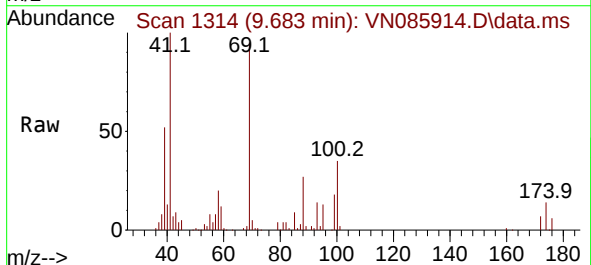
Manual Integrations
APPROVED

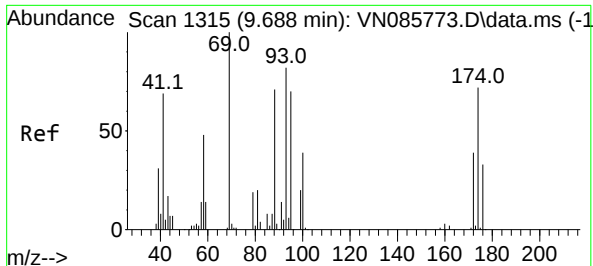
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#48
Methyl methacrylate
Concen: 63.639 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Tgt Ion: 41 Resp: 114950
Ion Ratio Lower Upper
41 100
69 94.8 76.0 114.0
39 52.7 42.3 63.5





#49

1,4-Dioxane

Concen: 1306.344 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085914.D

Acq: 10 Mar 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

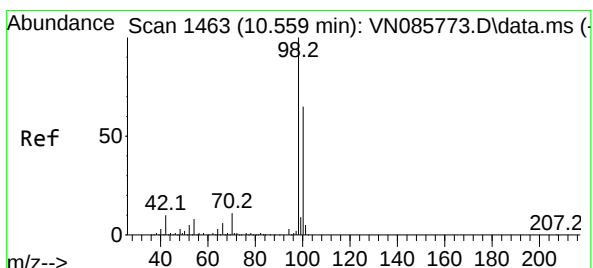
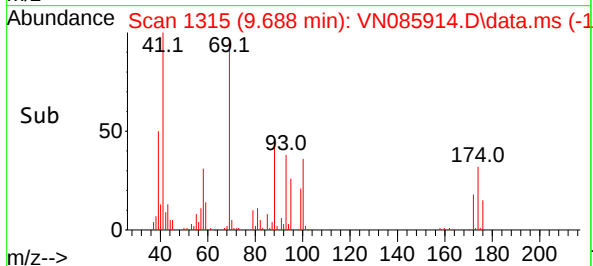
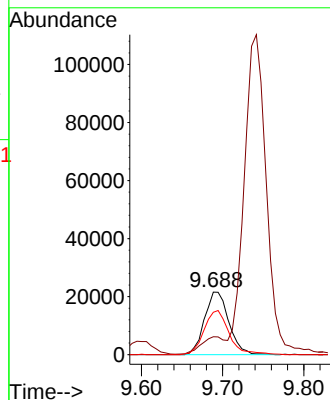
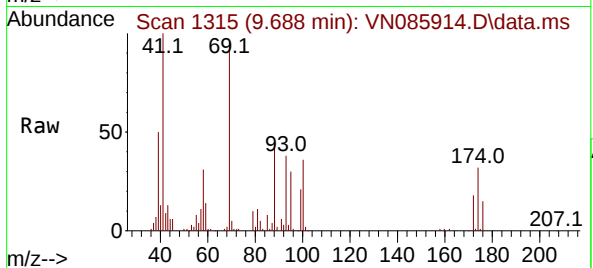
Tgt Ion: 88 Resp: 4487
 Ion Ratio Lower Upper
 88 100
 43 28.3 18.6 27.8
 58 72.7 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#50

Toluene-d8

Concen: 51.074 ug/l

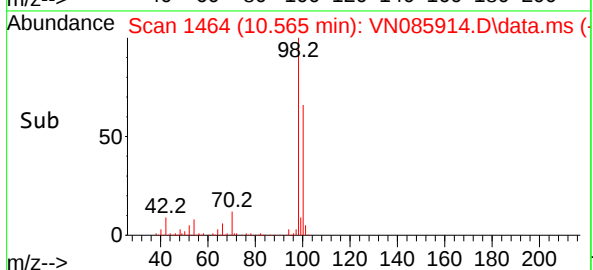
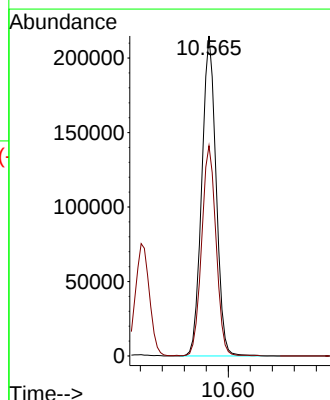
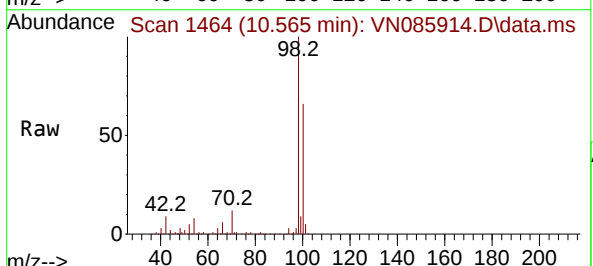
RT: 10.565 min Scan# 1464

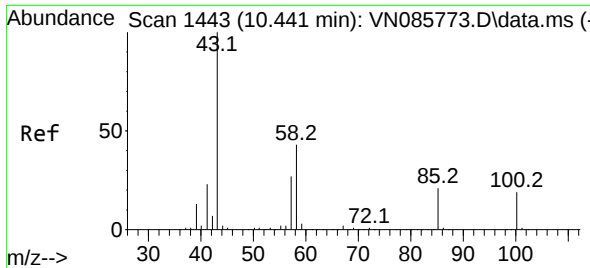
Delta R.T. 0.006 min

Lab File: VN085914.D

Acq: 10 Mar 2025 12:21

Tgt Ion: 98 Resp: 388046
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.1 78.1





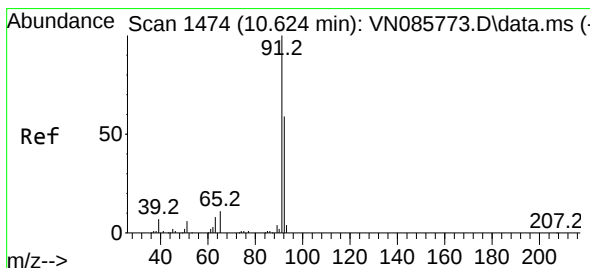
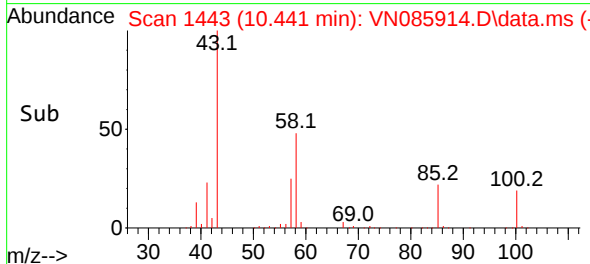
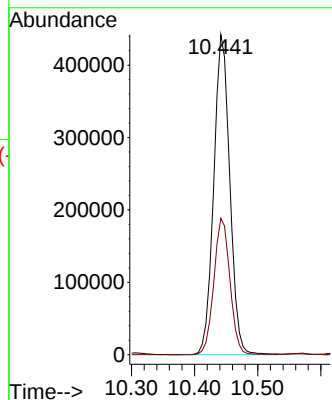
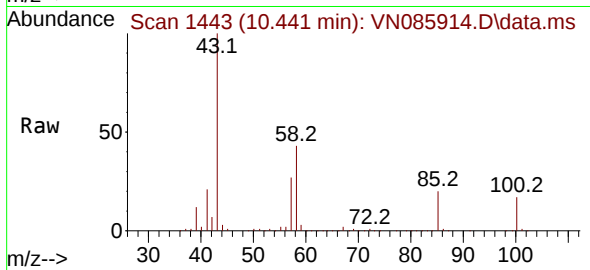
#51
4-Methyl-2-Pentanone
Concen: 333.327 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 781633
Ion Ratio Lower Upper
43 100
58 42.7 34.6 52.0

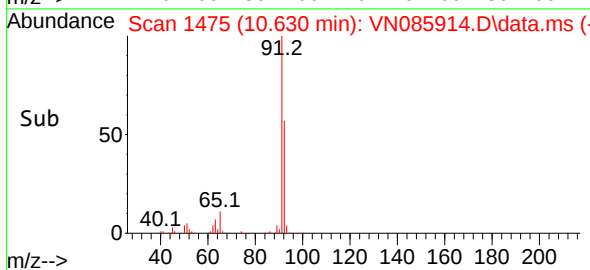
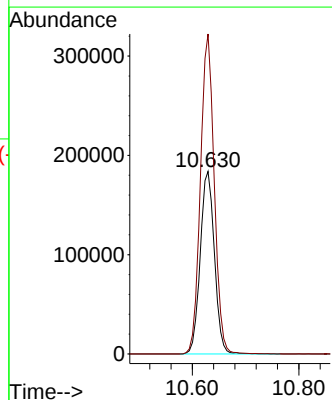
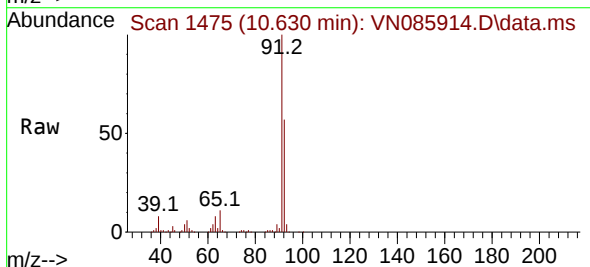
Manual Integrations
APPROVED

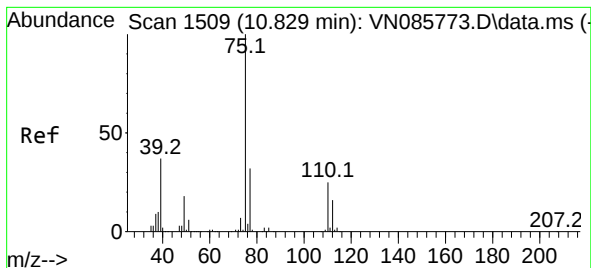
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#52
Toluene
Concen: 61.041 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Tgt Ion: 92 Resp: 338936
Ion Ratio Lower Upper
92 100
91 170.8 136.9 205.3





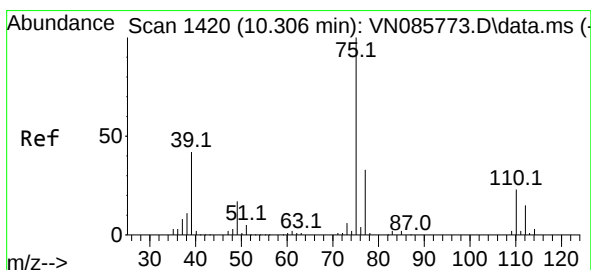
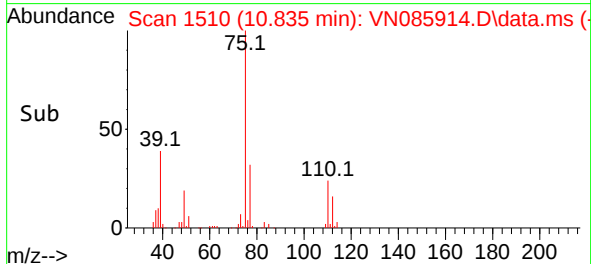
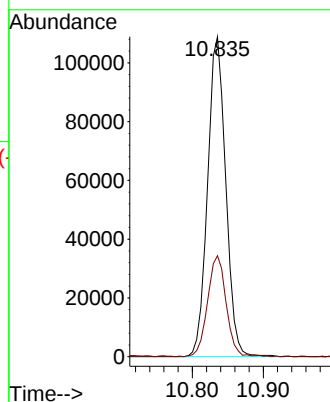
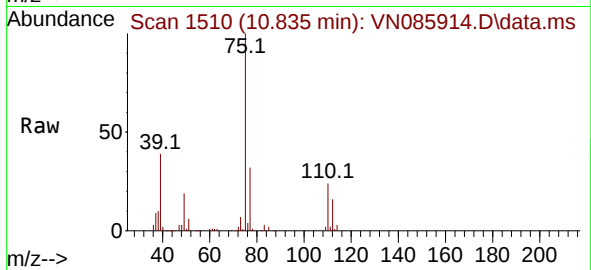
#53
t-1,3-Dichloropropene
Concen: 60.654 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 193524
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

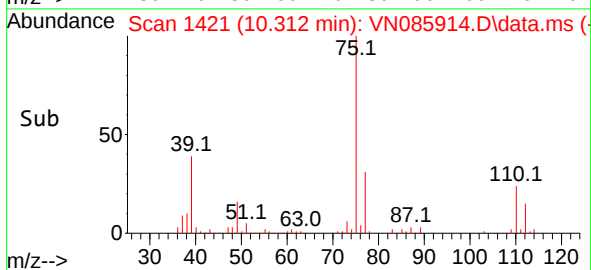
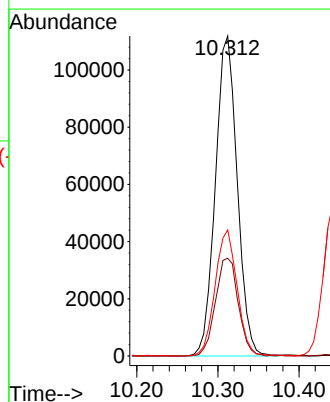
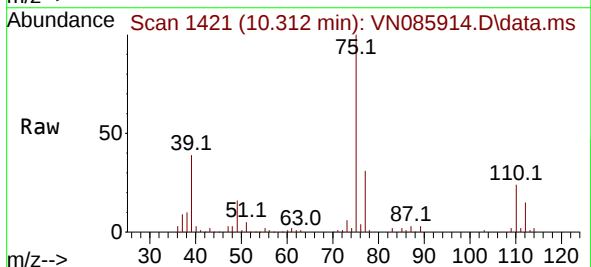
Manual Integrations
APPROVED

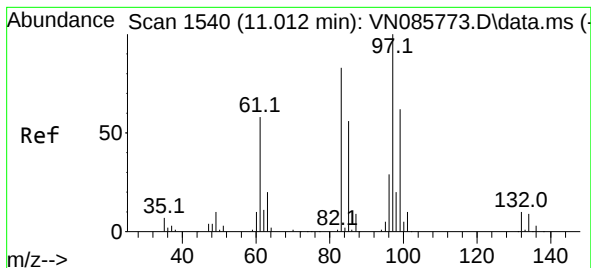
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#54
cis-1,3-Dichloropropene
Concen: 59.855 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

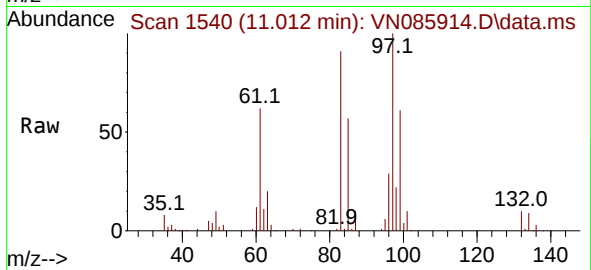
Tgt Ion: 75 Resp: 209417
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1
39 39.4 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 55.282 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

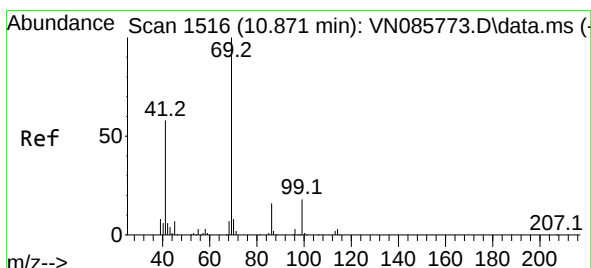
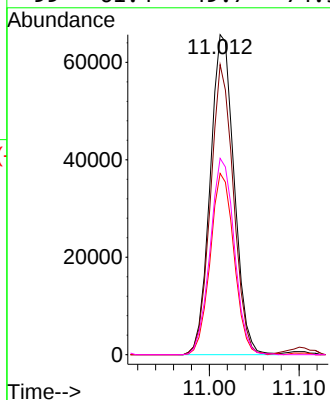
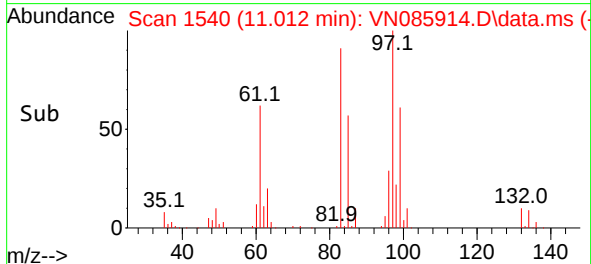
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



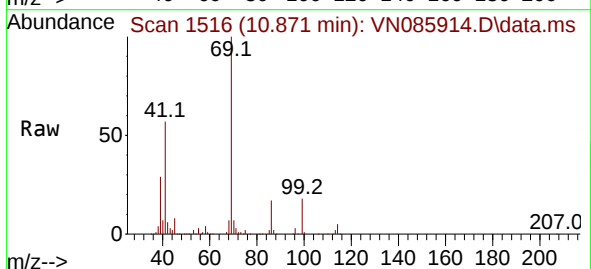
Tgt Ion: 97 Resp: 122049
Ion Ratio Lower Upper
97 100
83 90.6 66.1 99.1
85 56.7 44.7 67.1
99 61.4 49.7 74.5

Manual Integrations
APPROVED

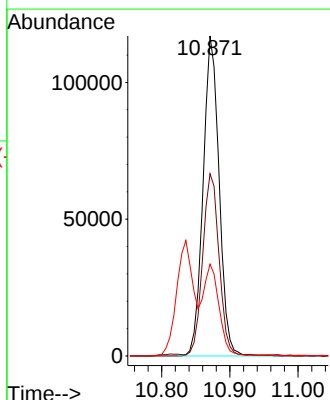
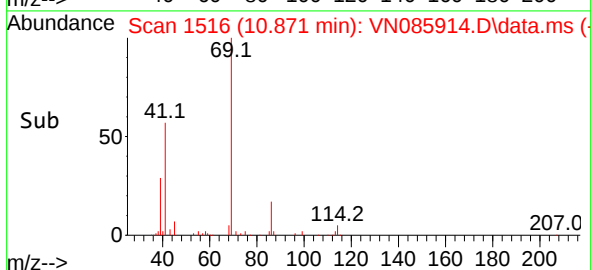
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

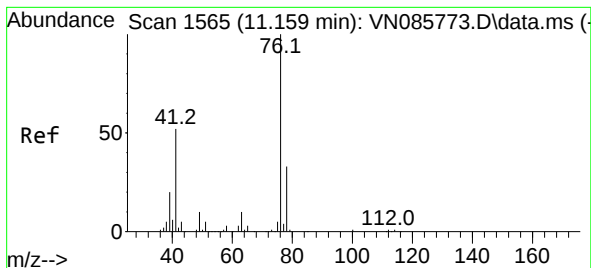


#56
Ethyl methacrylate
Concen: 59.011 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21



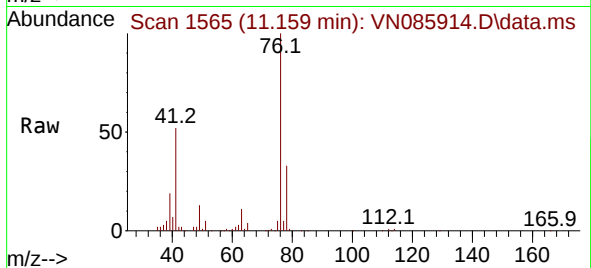
Tgt Ion: 69 Resp: 191431
Ion Ratio Lower Upper
69 100
41 57.5 46.0 69.0
39 28.1 22.0 33.0





#57
1,3-Dichloropropane
Concen: 58.407 ug/l
RT: 11.159 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

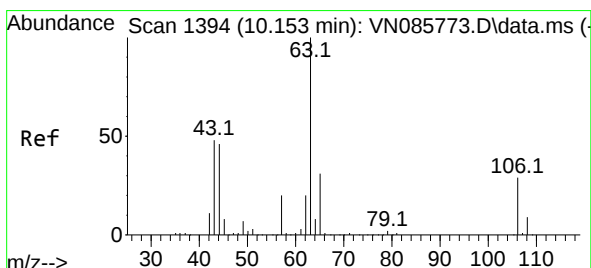
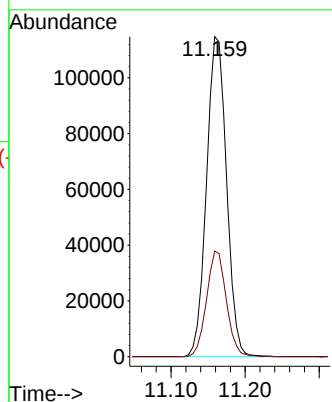
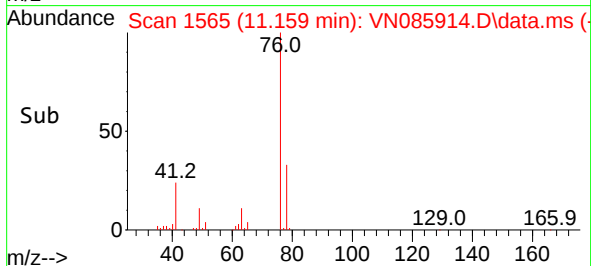
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



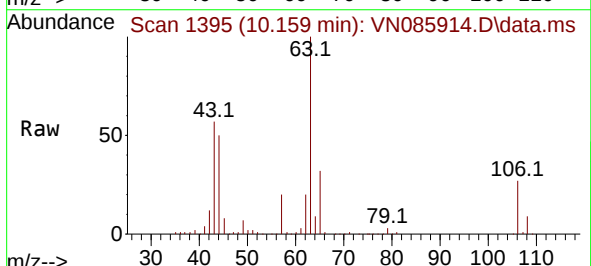
Tgt Ion: 76 Resp: 215250
Ion Ratio Lower Upper
76 100
78 32.6 25.9 38.9

Manual Integrations
APPROVED

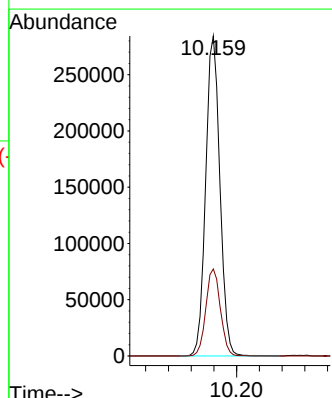
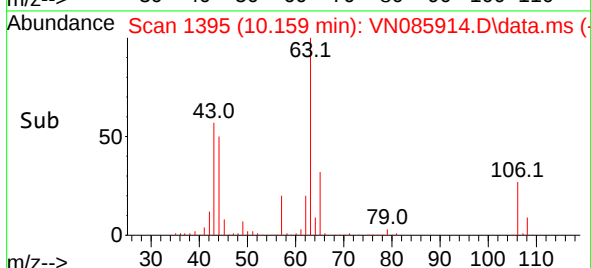
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

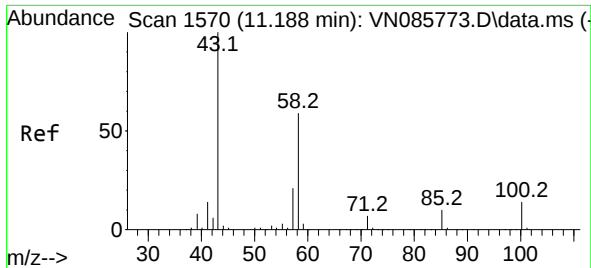


#58
2-Chloroethyl Vinyl ether
Concen: 349.174 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21



Tgt Ion: 63 Resp: 491405
Ion Ratio Lower Upper
63 100
106 27.8 22.7 34.1





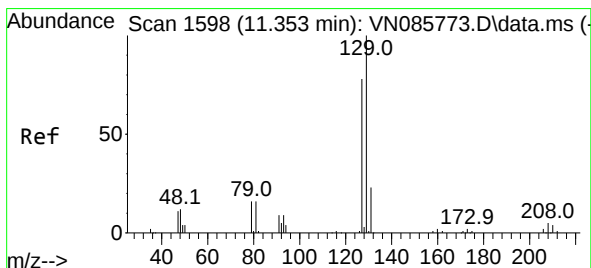
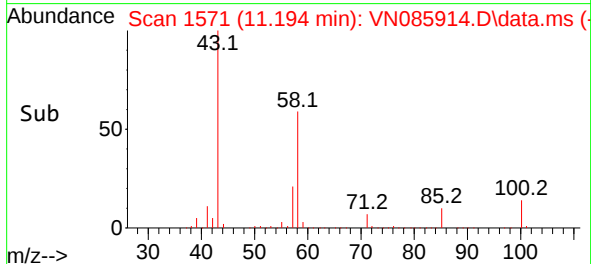
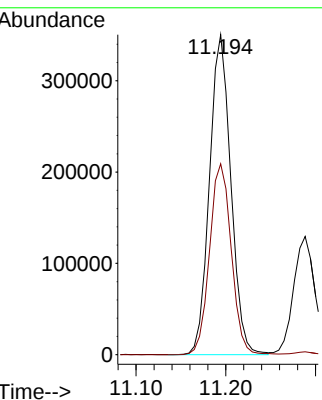
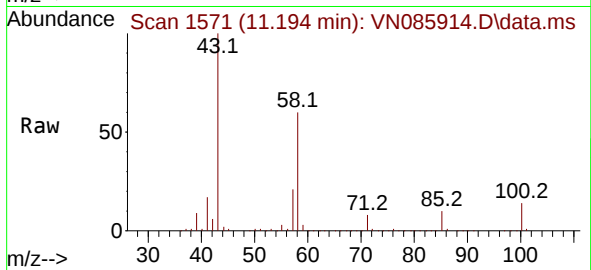
#59
2-Hexanone
Concen: 359.098 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 579294
Ion Ratio Lower Upper
43 100
58 60.6 29.8 89.5

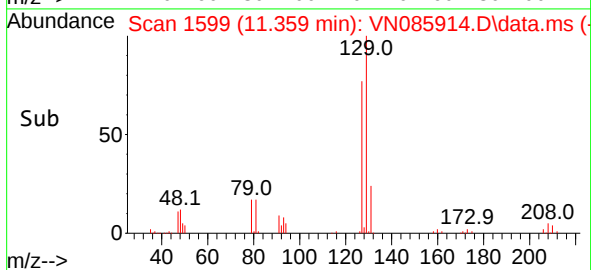
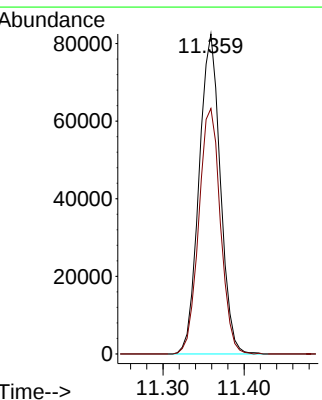
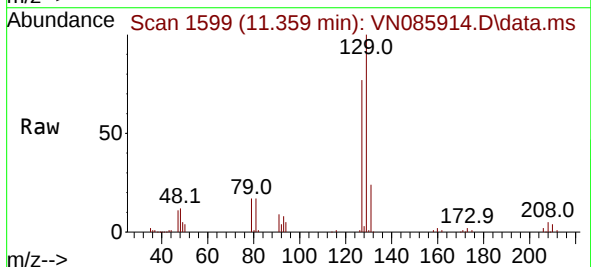
Manual Integrations
APPROVED

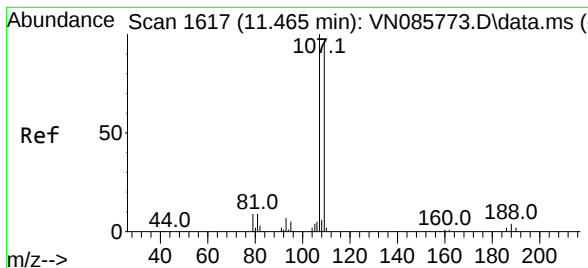
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#60
Dibromochloromethane
Concen: 58.239 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

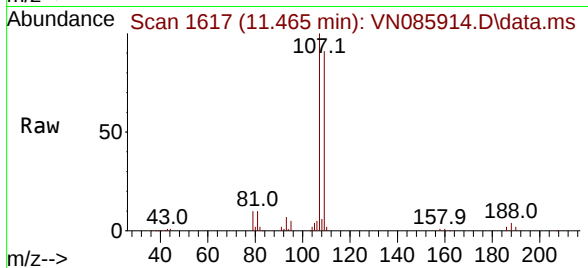
Tgt Ion:129 Resp: 149715
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.5





#61
1,2-Dibromoethane
Concen: 59.012 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

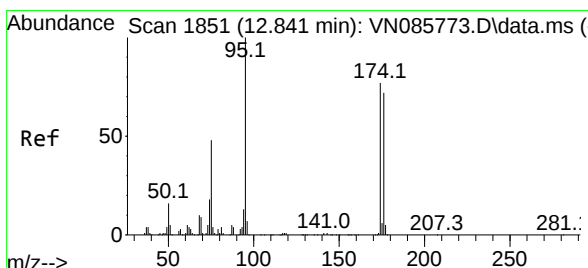
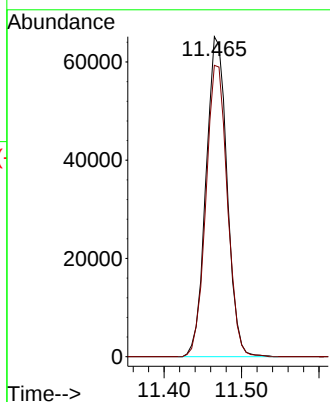
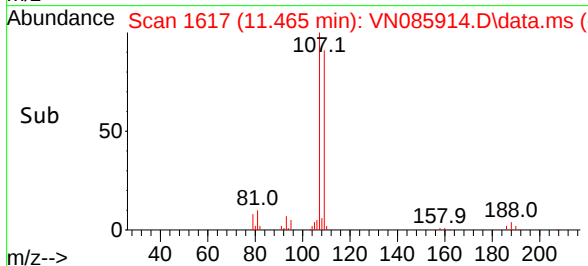
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



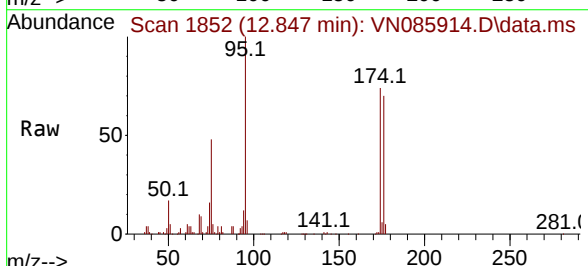
Tgt Ion:107 Resp: 123093
Ion Ratio Lower Upper
107 100
109 92.4 76.0 114.0

Manual Integrations
APPROVED

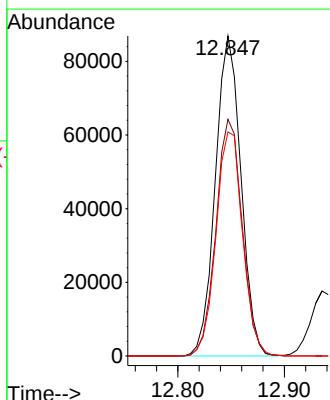
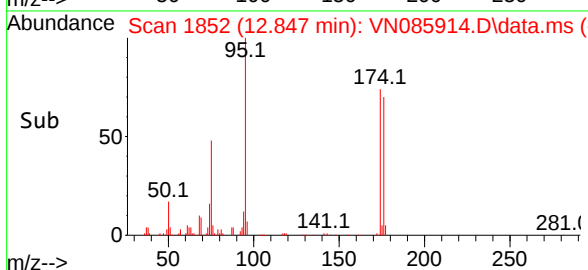
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

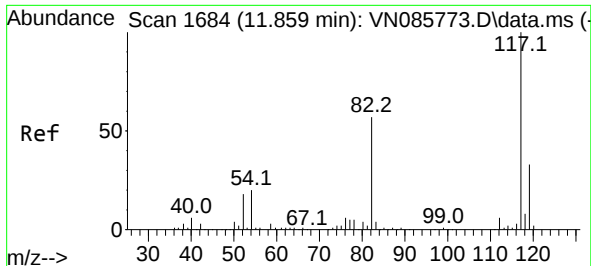


#62
4-Bromofluorobenzene
Concen: 58.025 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21



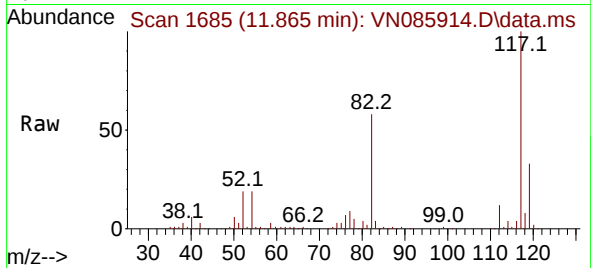
Tgt Ion: 95 Resp: 145253
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.4
176 72.6 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

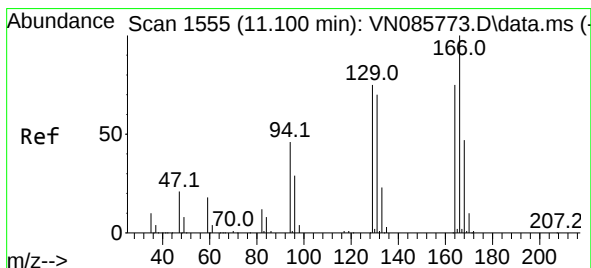
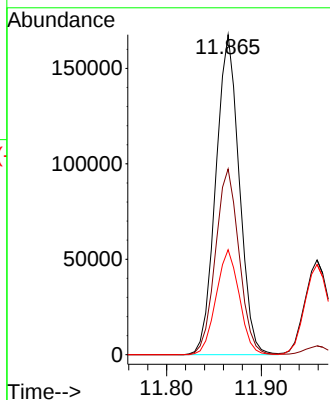
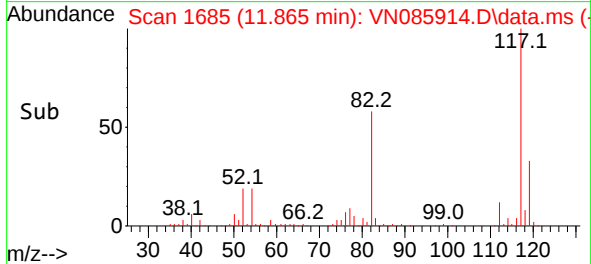
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



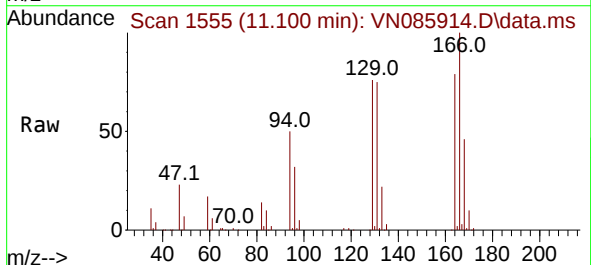
Tgt Ion:117 Resp: 28832
Ion Ratio Lower Upper
117 100
82 58.0 45.7 68.5
119 32.8 26.2 39.2

Manual Integrations
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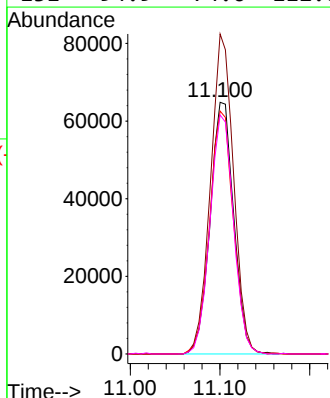
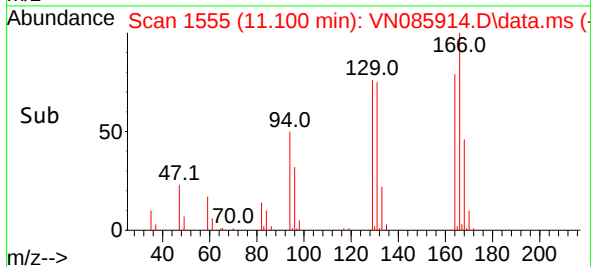
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

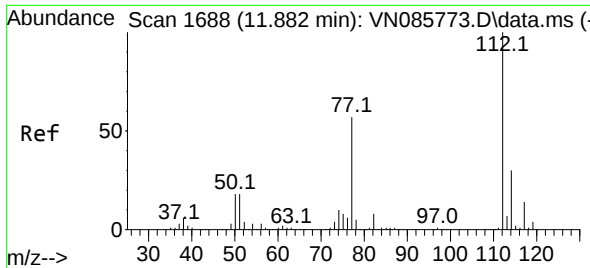


#64
Tetrachloroethene
Concen: 53.028 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21



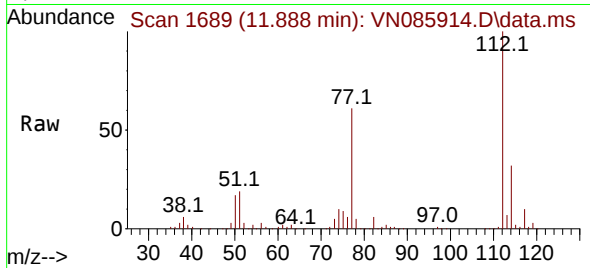
Tgt Ion:164 Resp: 118446
Ion Ratio Lower Upper
164 100
166 127.1 107.2 160.8
129 96.5 80.7 121.1
131 94.9 74.6 112.0





#65
Chlorobenzene
Concen: 54.013 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

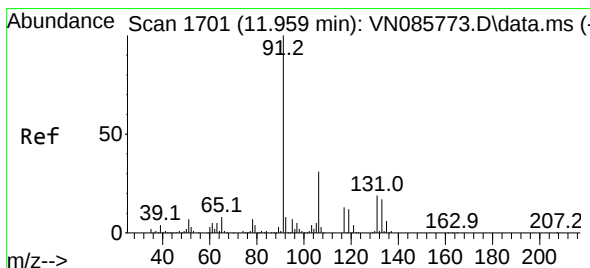
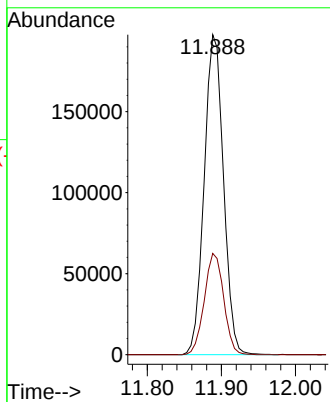
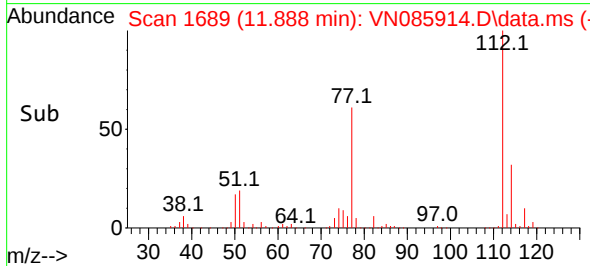
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



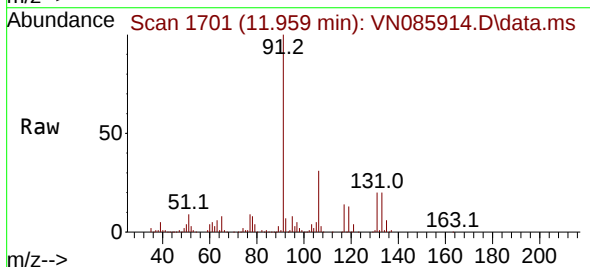
Tgt Ion:112 Resp: 356759
Ion Ratio Lower Upper
112 100
114 31.6 24.3 36.5

Manual Integrations
APPROVED

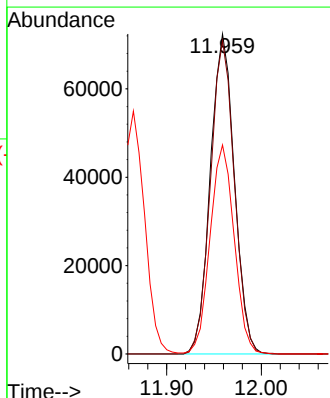
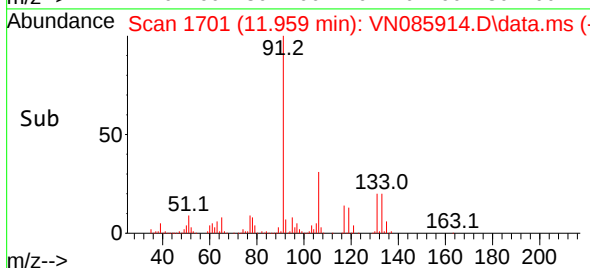
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

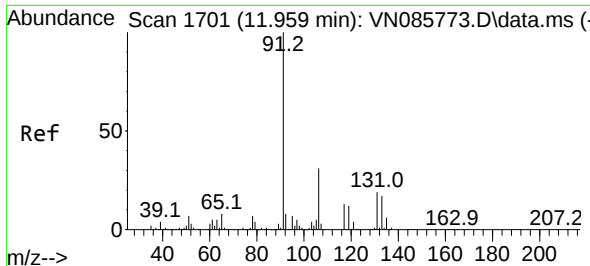


#66
1,1,1,2-Tetrachloroethane
Concen: 53.894 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21



Tgt Ion:131 Resp: 127947
Ion Ratio Lower Upper
131 100
133 97.2 47.7 143.1
119 65.5 33.3 99.8





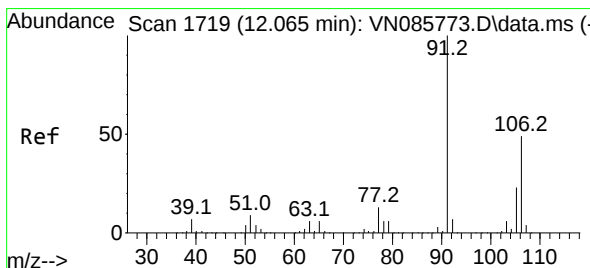
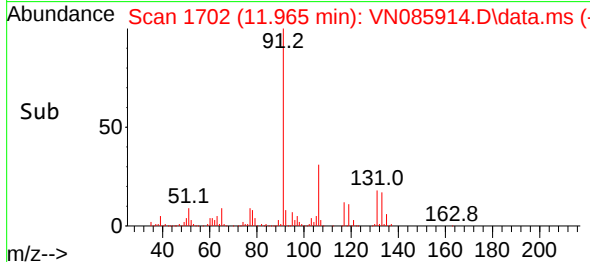
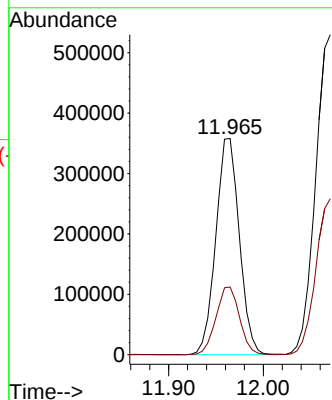
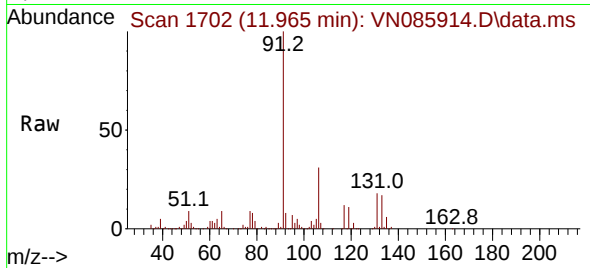
#67
Ethyl Benzene
Concen: 59.739 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 618089
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1

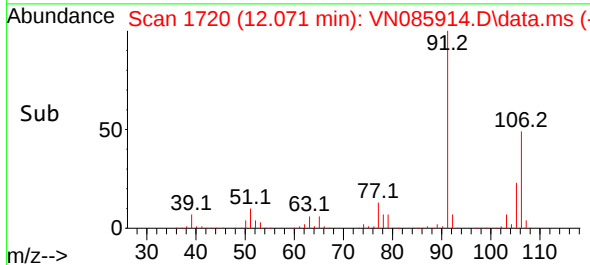
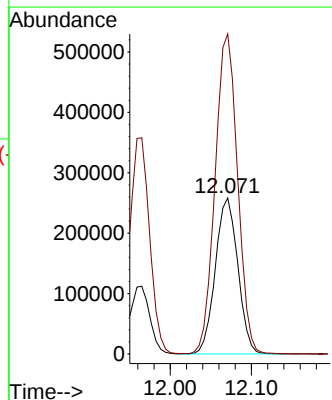
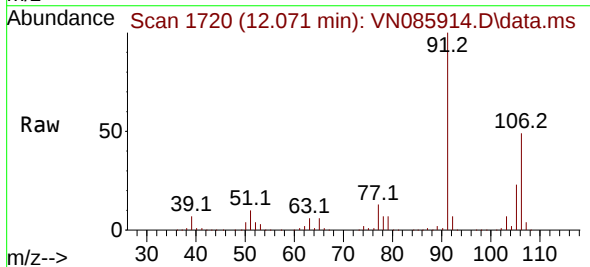
Manual Integrations
APPROVED

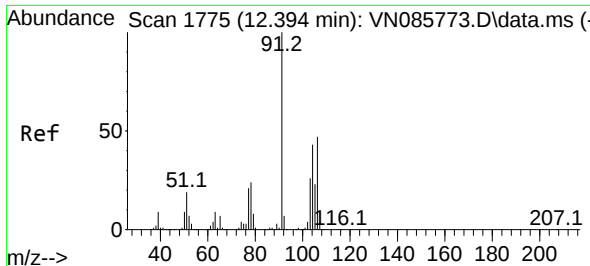
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#68
m/p-Xylenes
Concen: 126.558 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

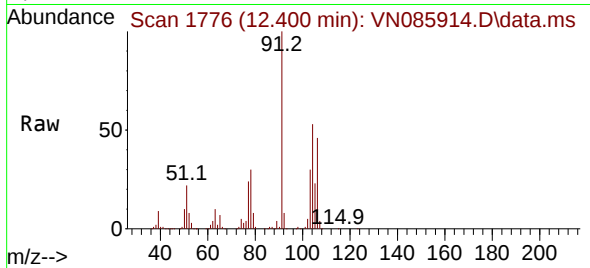
Tgt Ion:106 Resp: 497382
Ion Ratio Lower Upper
106 100
91 205.1 163.3 244.9





#69
o-Xylene
Concen: 61.435 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

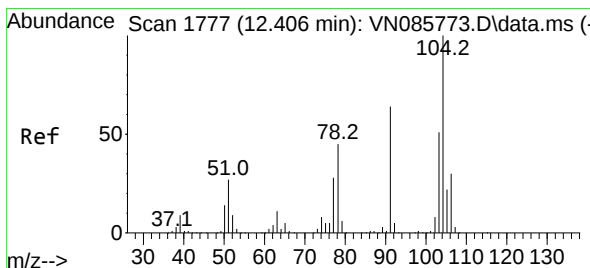
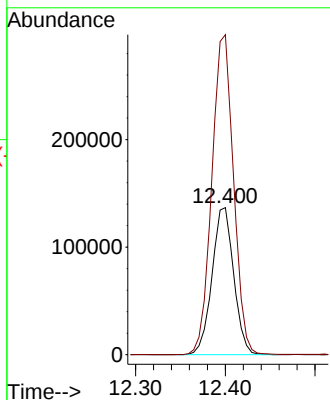
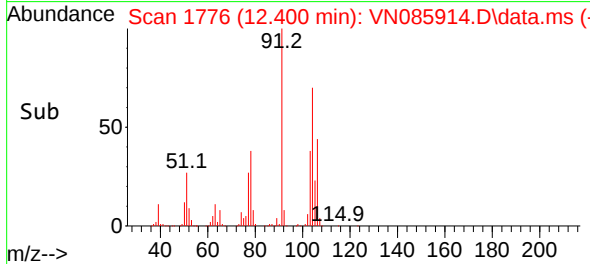
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 229432
Ion Ratio Lower Upper
106 100
91 218.2 107.1 321.4

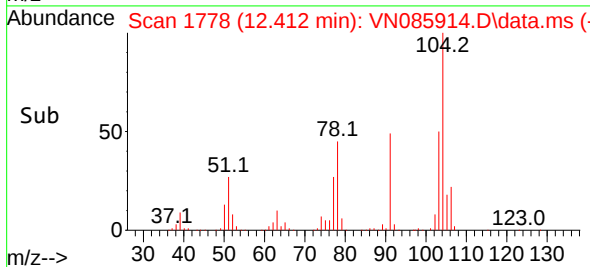
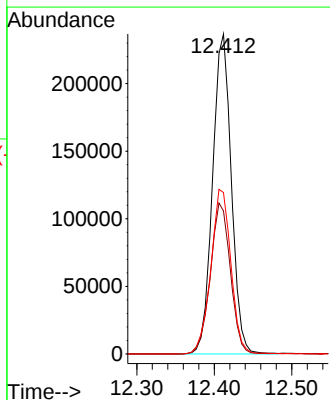
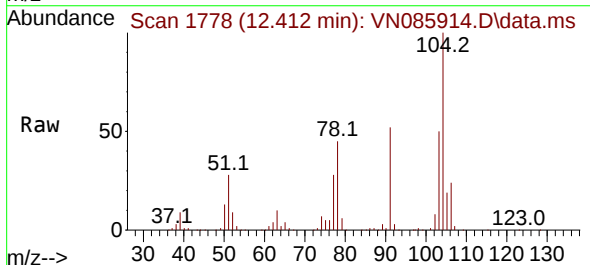
Manual Integrations
APPROVED

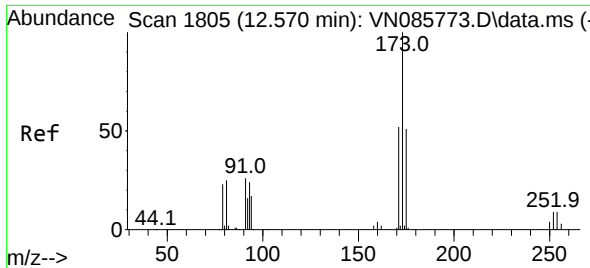
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#70
Styrene
Concen: 56.495 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Tgt Ion:104 Resp: 397999
Ion Ratio Lower Upper
104 100
78 50.3 39.0 58.6
103 55.3 43.3 64.9





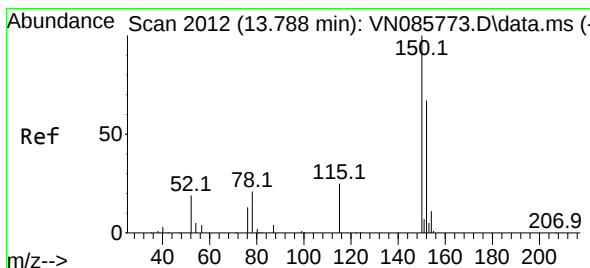
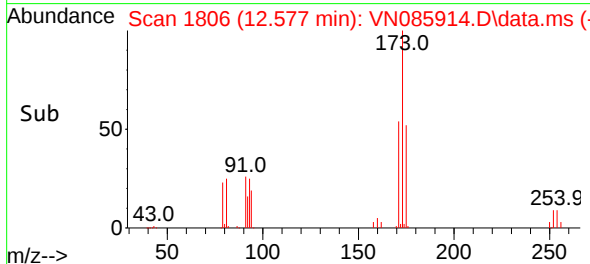
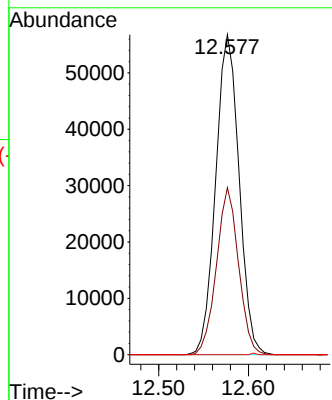
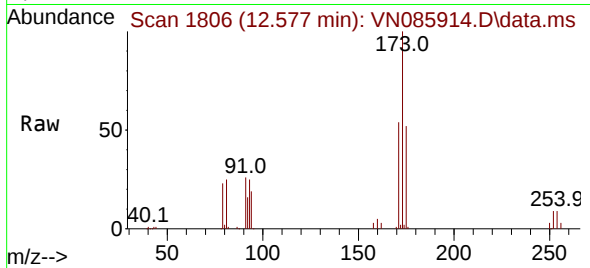
#71
Bromoform
Concen: 58.180 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 10263
Ion Ratio Lower Upper
173 100
175 49.3 25.1 75.4
254 0.0 0.0 0.0

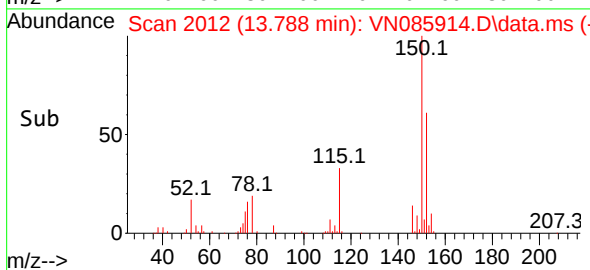
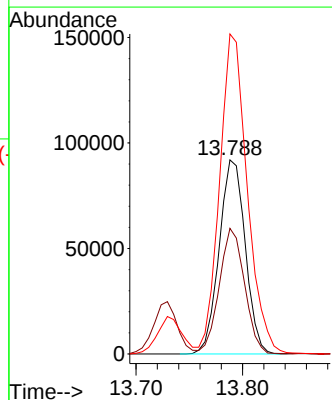
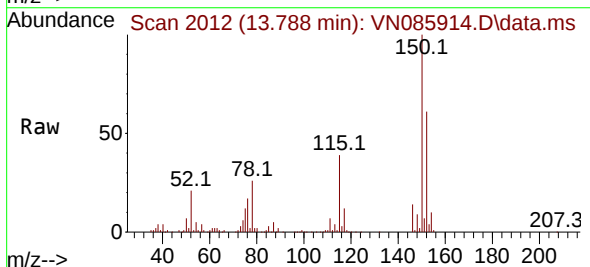
Manual Integrations
APPROVED

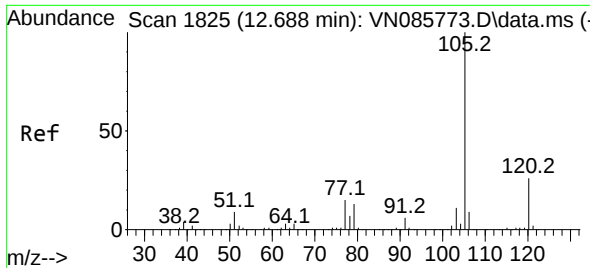
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

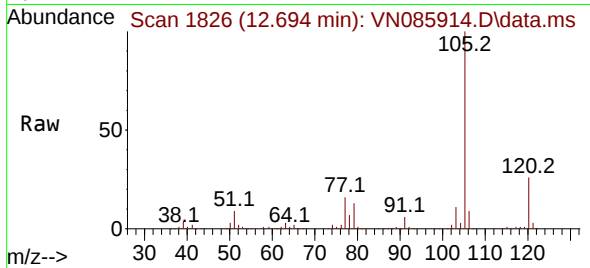
Tgt Ion:152 Resp: 156195
Ion Ratio Lower Upper
152 100
115 62.8 30.4 91.3
150 175.5 0.0 345.4





#73
Isopropylbenzene
Concen: 54.159 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

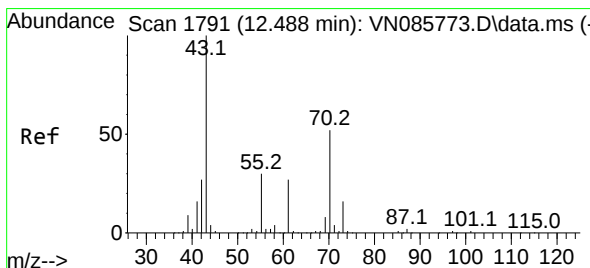
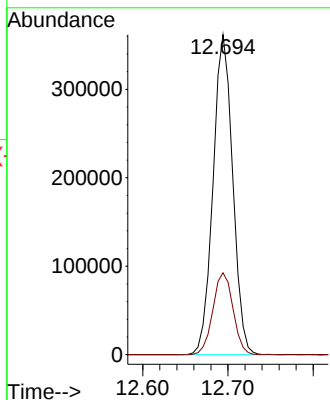
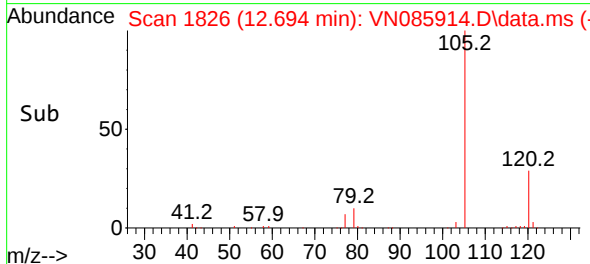
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 579548
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0

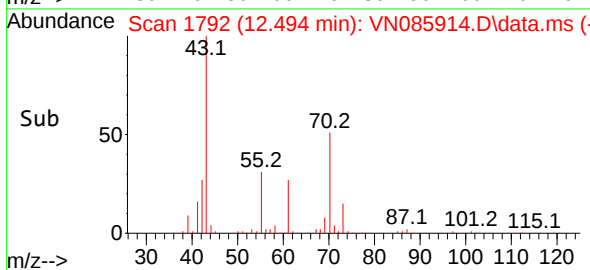
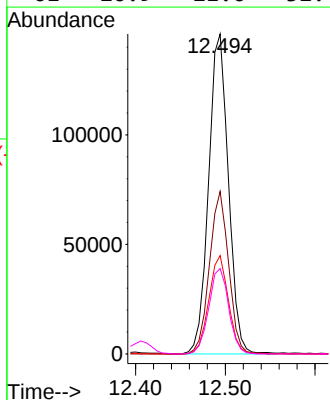
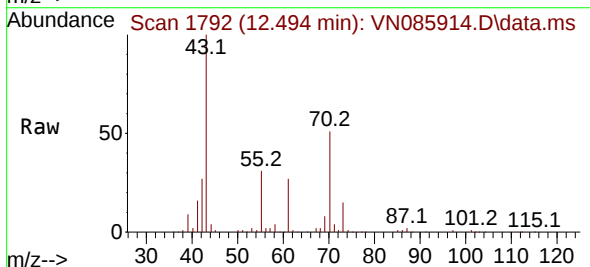
Manual Integrations
APPROVED

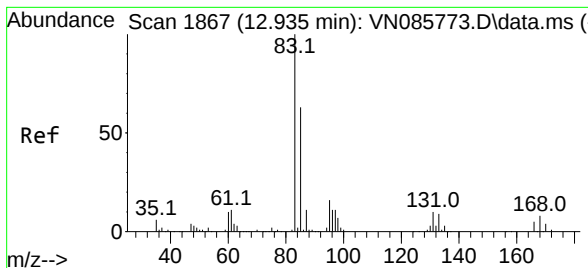
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#74
N-ethyl acetate
Concen: 59.327 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

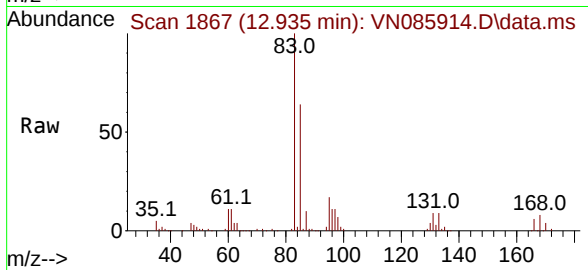
Tgt Ion: 43 Resp: 223875
Ion Ratio Lower Upper
43 100
70 49.2 41.0 61.4
55 30.5 24.6 36.8
61 26.9 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 49.158 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

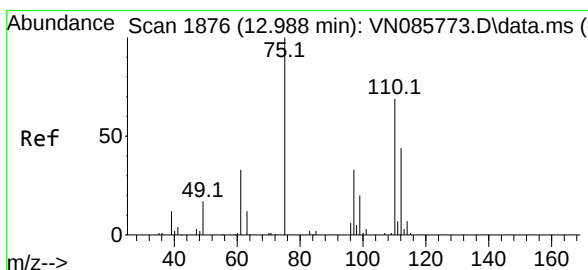
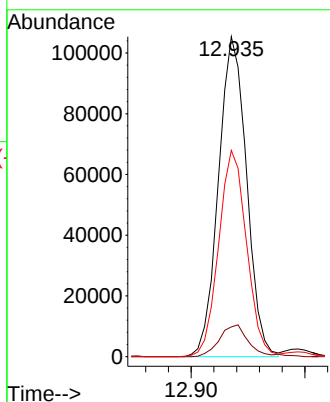
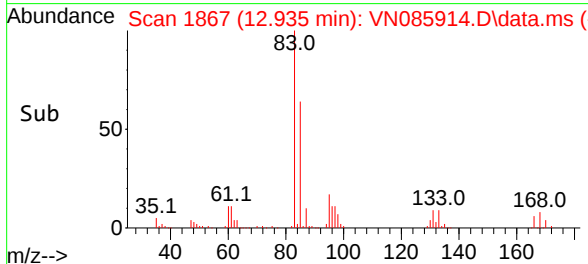
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



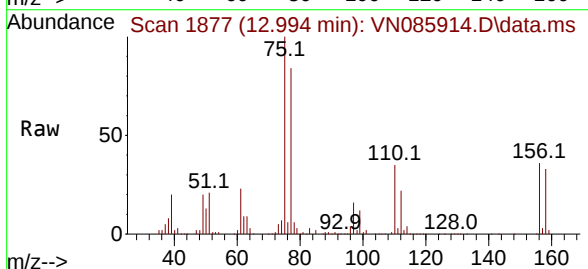
Tgt Ion: 83 Resp: 18101
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 64.0 32.2 96.6

Manual Integrations
APPROVED

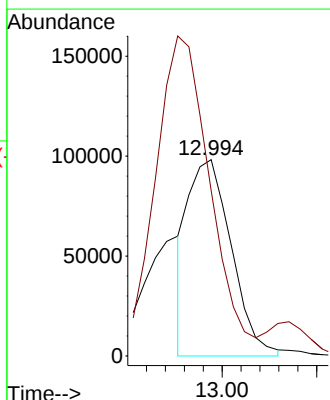
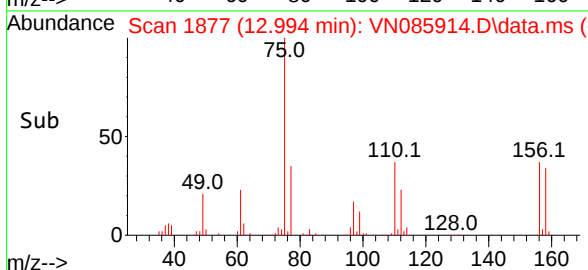
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

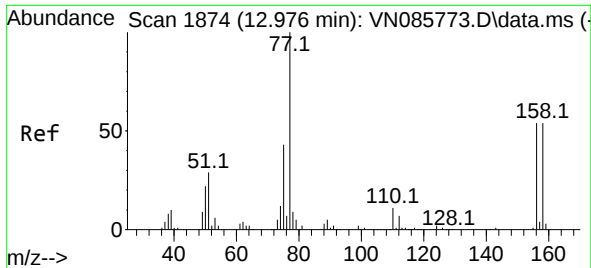


#76
1,2,3-Trichloropropane
Concen: 44.871 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21



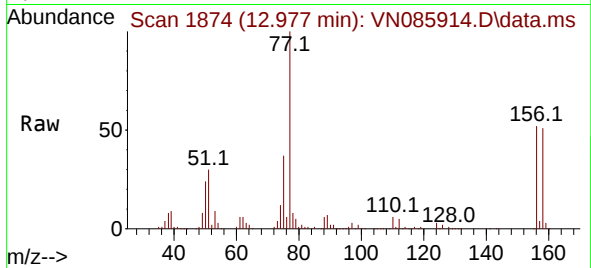
Tgt Ion: 75 Resp: 155686
Ion Ratio Lower Upper
75 100
77 207.2 100.0 300.0





#77
Bromobenzene
Concen: 51.083 ug/l
RT: 12.977 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

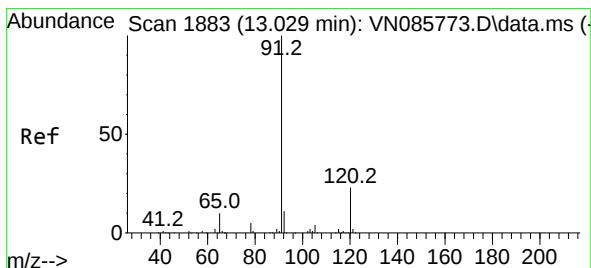
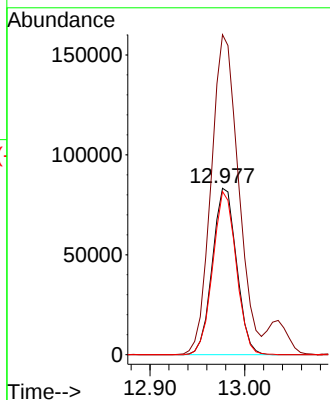
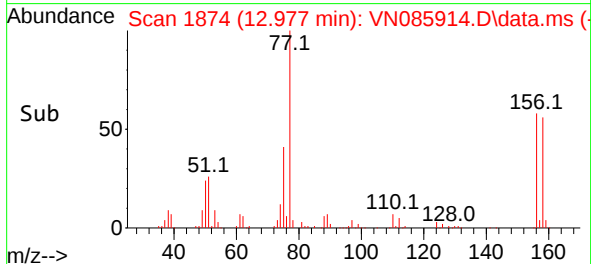
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



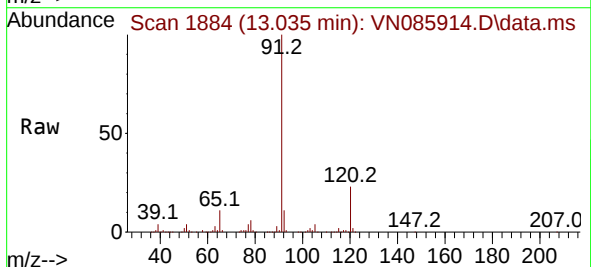
Tgt Ion:156 Resp: 147682
Ion Ratio Lower Upper
156 100
77 218.4 104.1 312.3
158 95.3 48.1 144.4

Manual Integrations
APPROVED

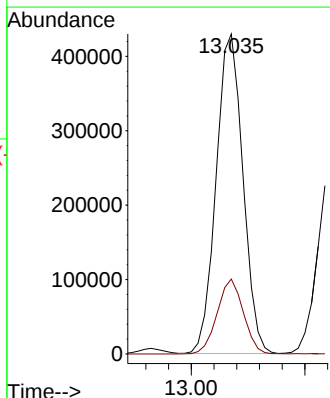
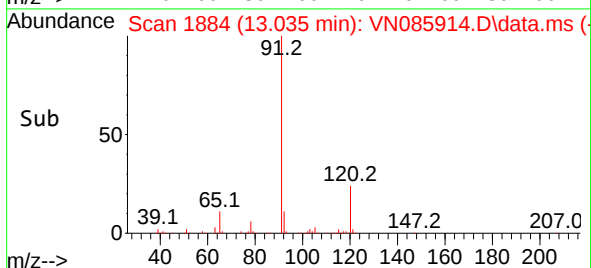
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

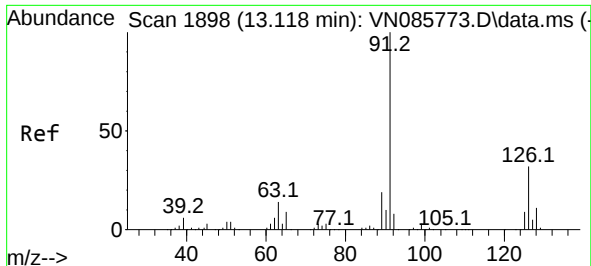


#78
n-propylbenzene
Concen: 57.396 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21



Tgt Ion: 91 Resp: 703392
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.8





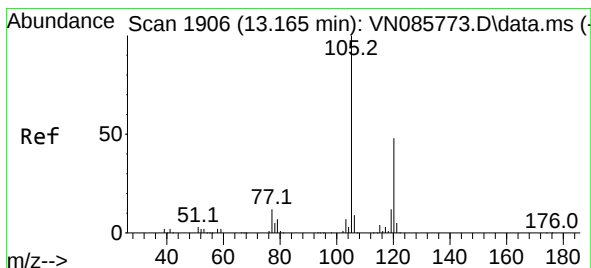
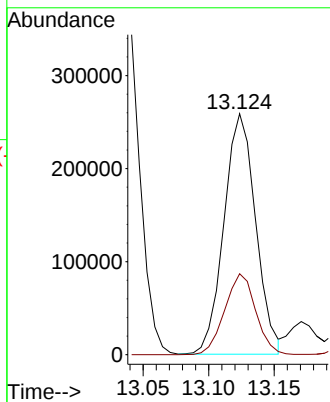
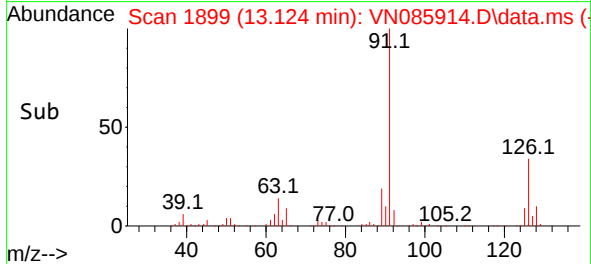
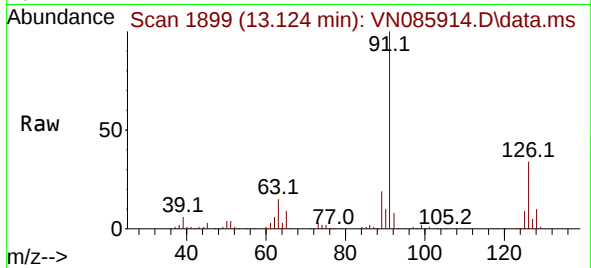
#79
2-Chlorotoluene
Concen: 53.250 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 436012
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1

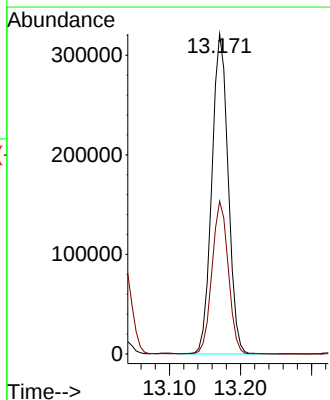
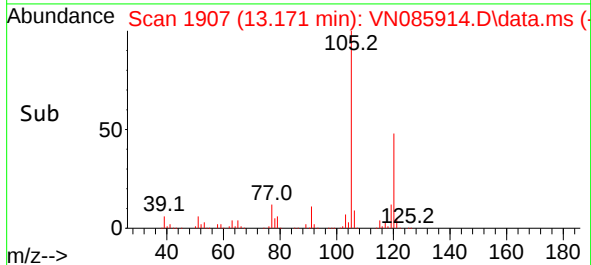
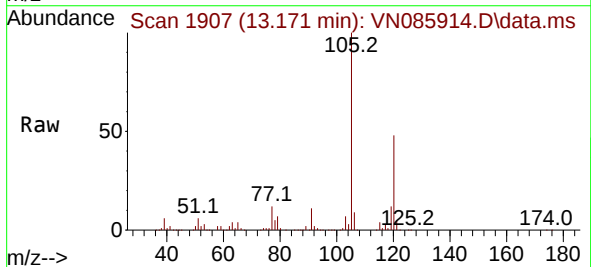
Manual Integrations
APPROVED

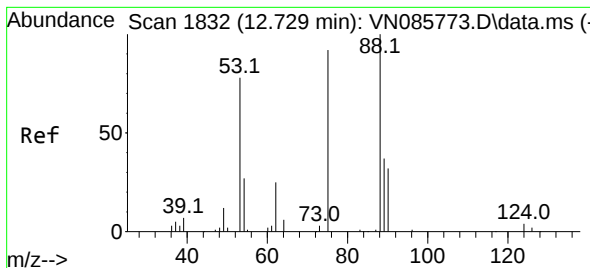
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 58.821 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Tgt Ion:105 Resp: 512738
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.9





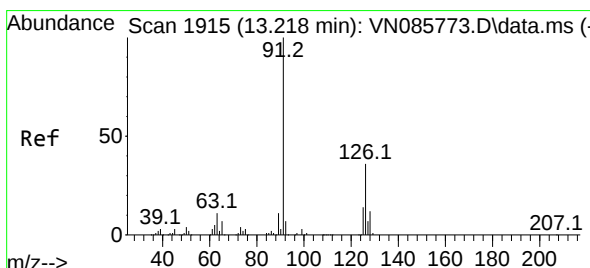
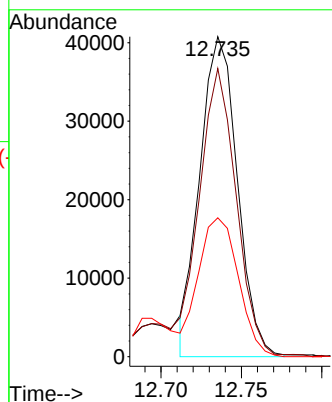
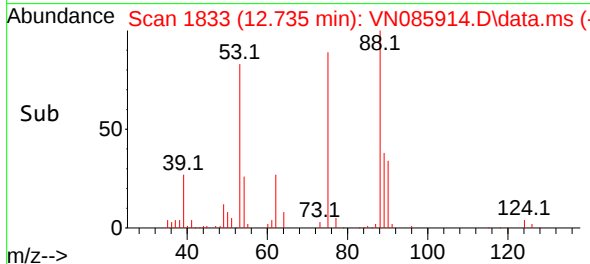
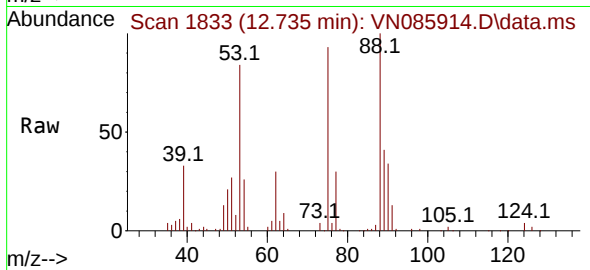
#81
trans-1,4-Dichloro-2-butene
Concen: 55.597 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 6611
Ion Ratio Lower Upper
75 100
53 101.1 74.2 111.4
89 46.4 34.9 52.3

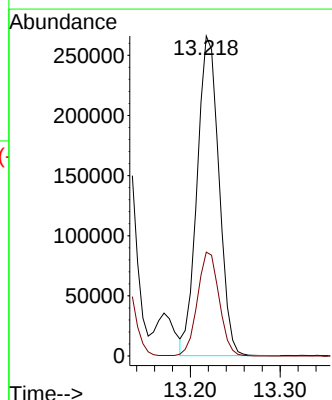
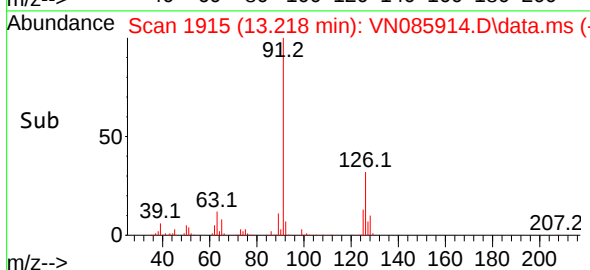
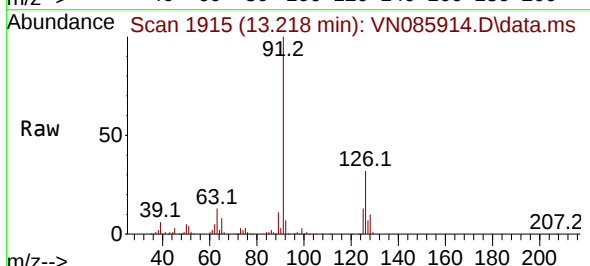
Manual Integrations
APPROVED

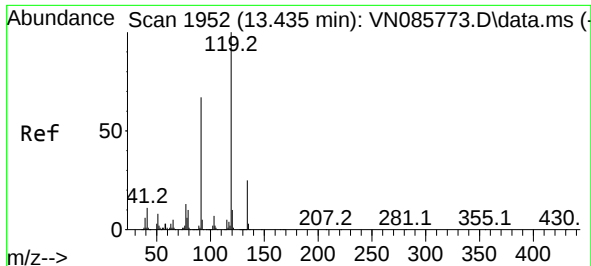
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#82
4-Chlorotoluene
Concen: 55.258 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

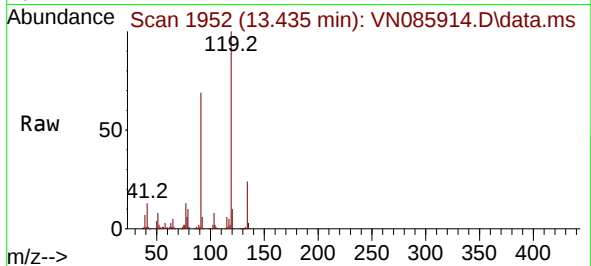
Tgt Ion: 91 Resp: 448545
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 57.362 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085914.D
 Acq: 10 Mar 2025 12:21

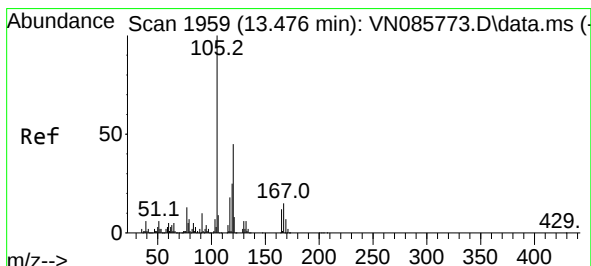
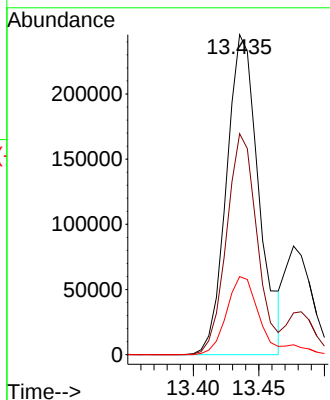
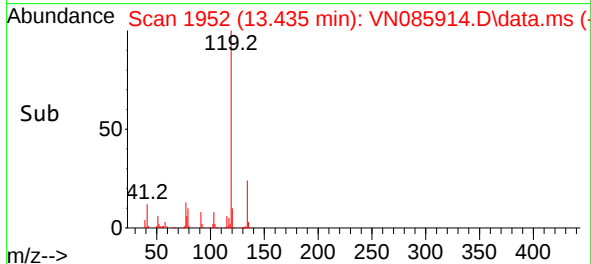
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



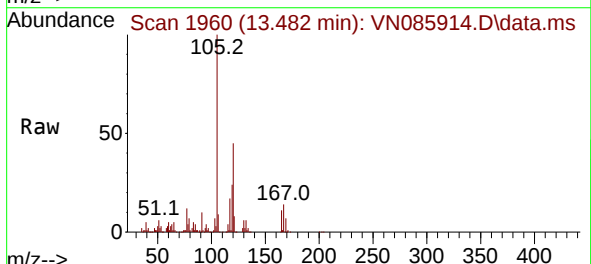
Tgt Ion:119 Resp: 420470
 Ion Ratio Lower Upper
 119 100
 91 65.6 32.5 97.5
 134 26.1 13.3 39.9

Manual Integrations
 APPROVED

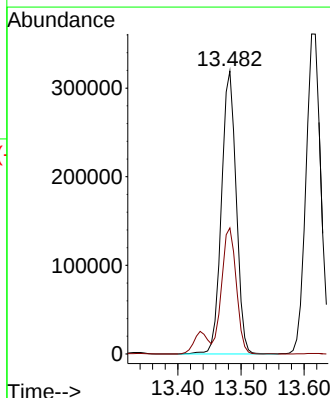
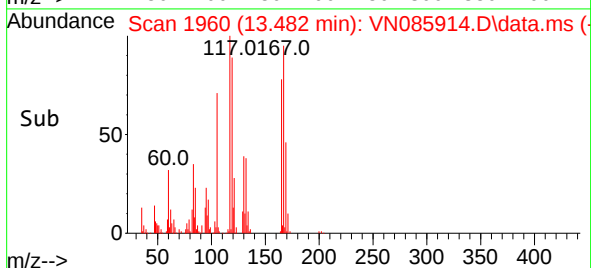
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025

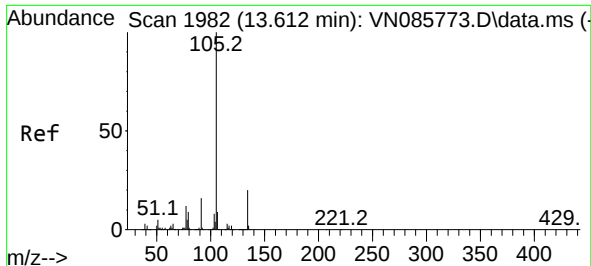


#84
 1,2,4-Trimethylbenzene
 Concen: 59.999 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085914.D
 Acq: 10 Mar 2025 12:21



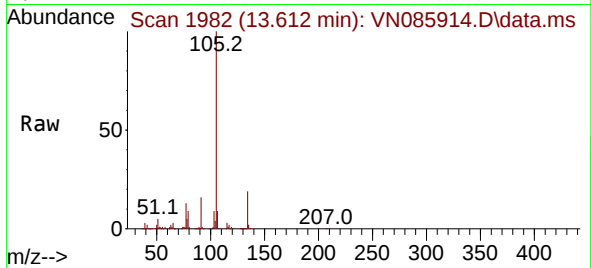
Tgt Ion:105 Resp: 517440
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 57.006 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085914.D
 Acq: 10 Mar 2025 12:21

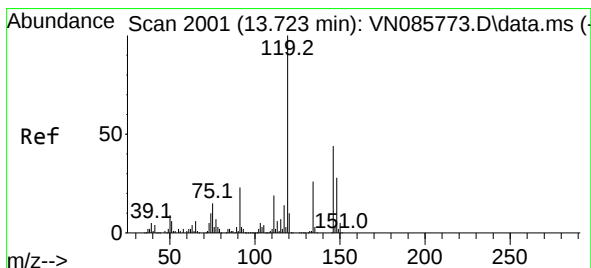
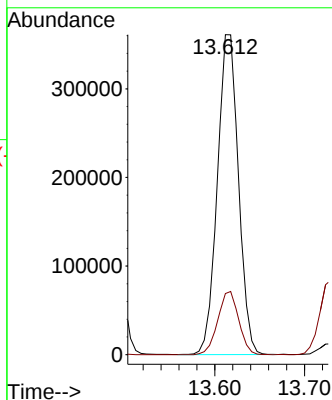
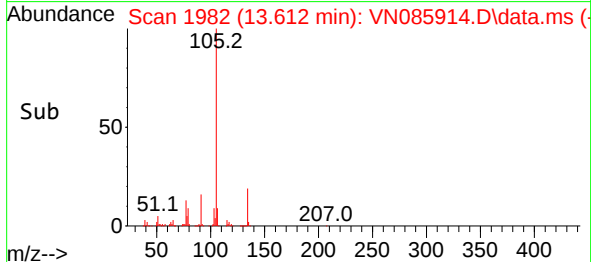
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 590397
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

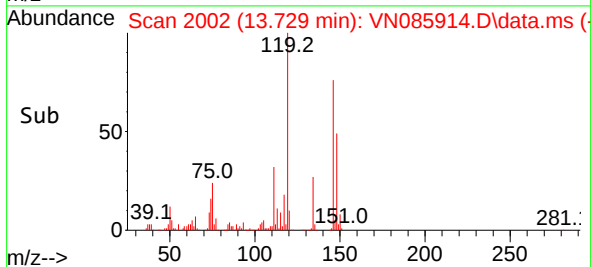
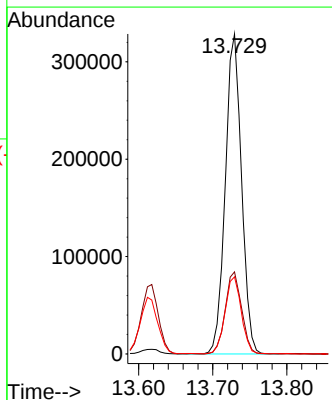
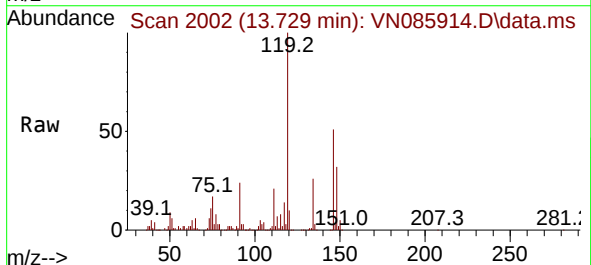
Manual Integrations
 APPROVED

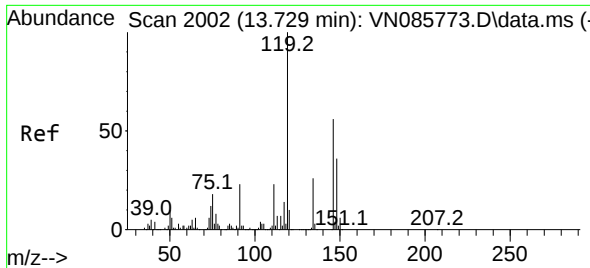
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025



#86
 p-Isopropyltoluene
 Concen: 52.388 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085914.D
 Acq: 10 Mar 2025 12:21

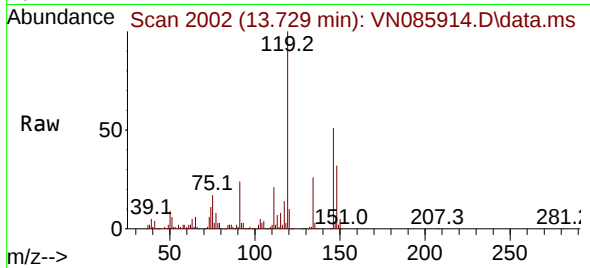
Tgt Ion:119 Resp: 499312
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 24.1 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 51.299 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

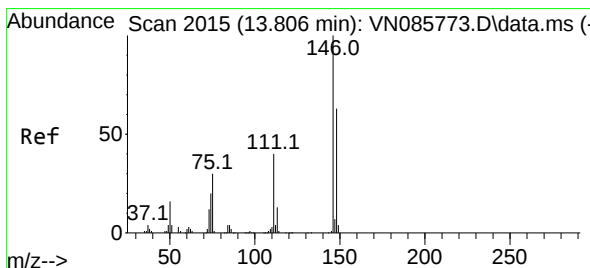
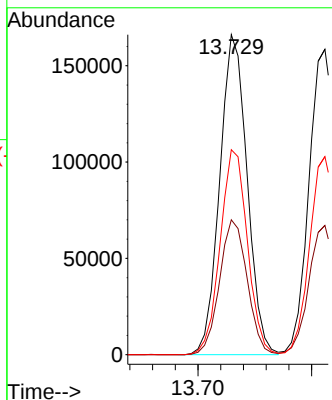
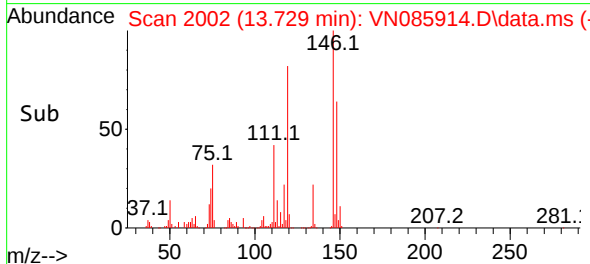
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 277860
Ion Ratio Lower Upper
146 100
111 42.5 21.1 63.3
148 63.9 32.1 96.5

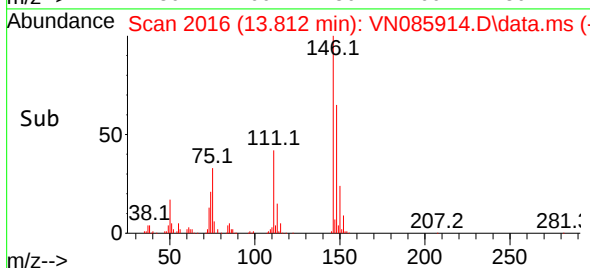
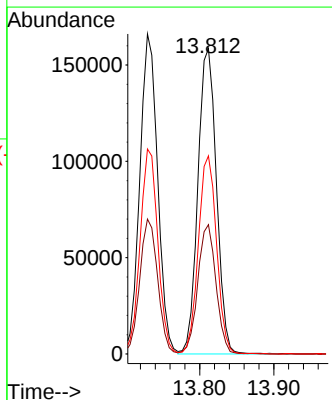
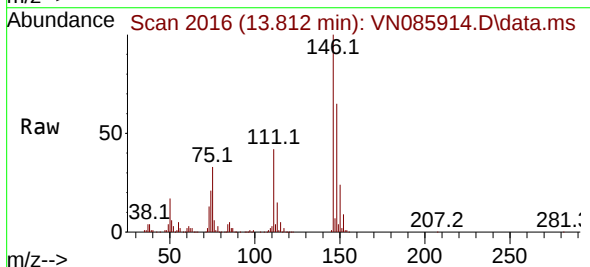
Manual Integrations
APPROVED

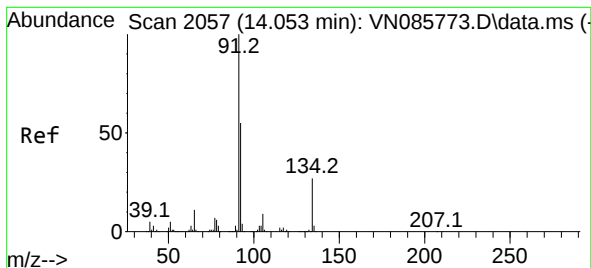
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#88
1,4-Dichlorobenzene
Concen: 49.672 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Tgt Ion:146 Resp: 275752
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 57.825 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085914.D

Acq: 10 Mar 2025 12:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 42519

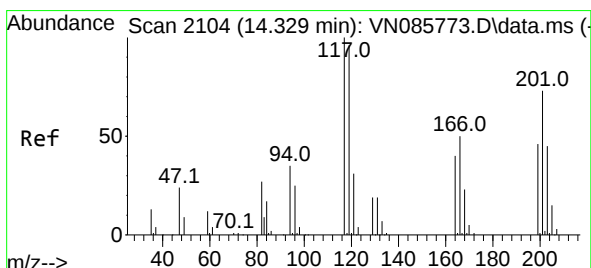
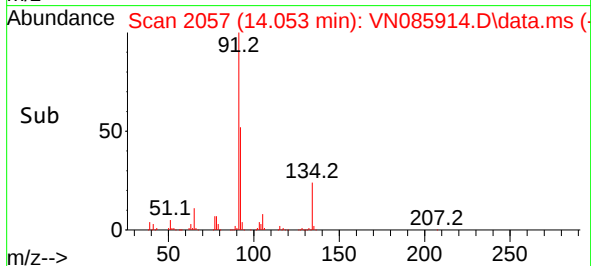
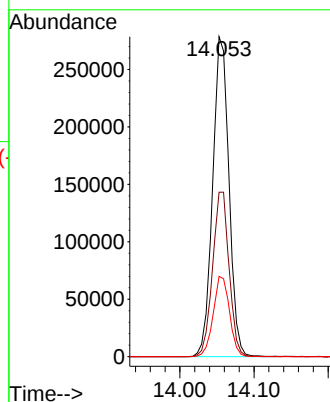
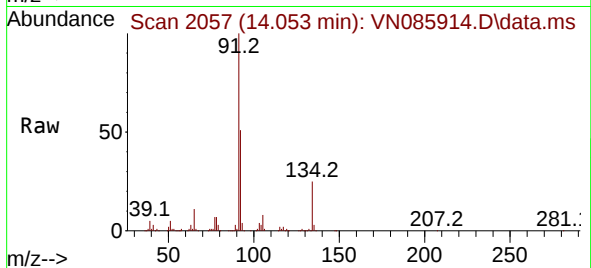
Ion	Ratio	Lower	Upper
91	100		
92	52.2	27.1	81.3
134	25.1	12.7	38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#90

Hexachloroethane

Concen: 51.081 ug/l

RT: 14.335 min Scan# 2105

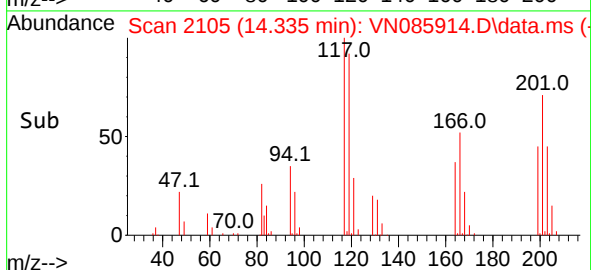
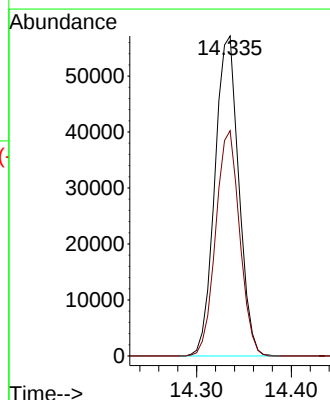
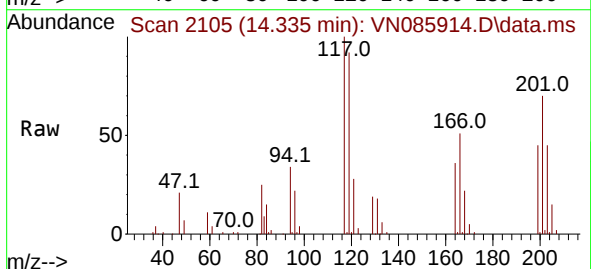
Delta R.T. 0.006 min

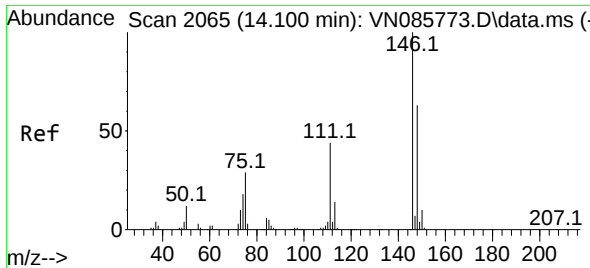
Lab File: VN085914.D

Acq: 10 Mar 2025 12:21

Tgt Ion:117 Resp: 100192

Ion	Ratio	Lower	Upper
117	100		
201	70.5	35.6	106.9





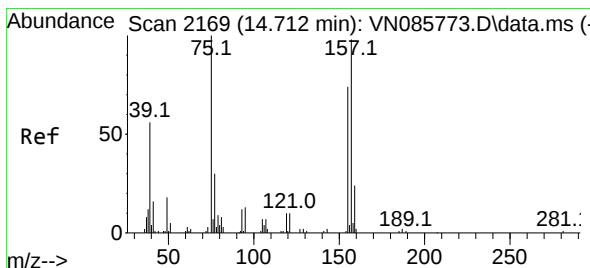
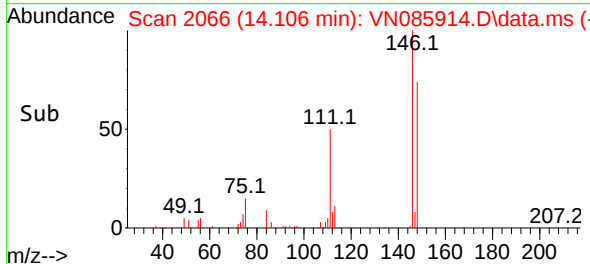
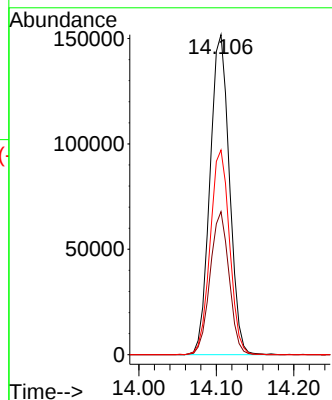
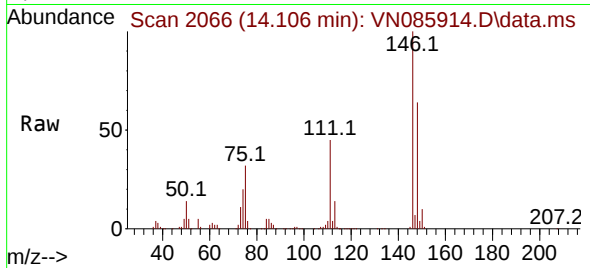
#91
1,2-Dichlorobenzene
Concen: 50.746 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 26431
Ion Ratio Lower Upper
146 100
111 43.6 21.4 64.3
148 63.9 32.0 96.2

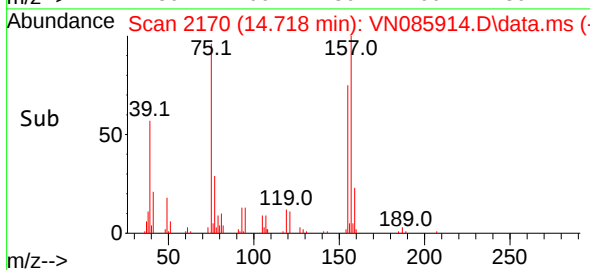
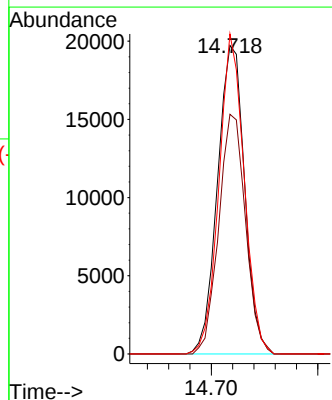
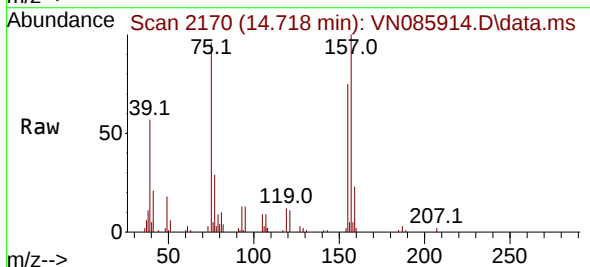
Manual Integrations
APPROVED

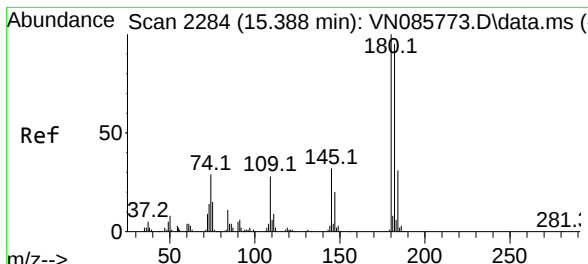
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.414 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

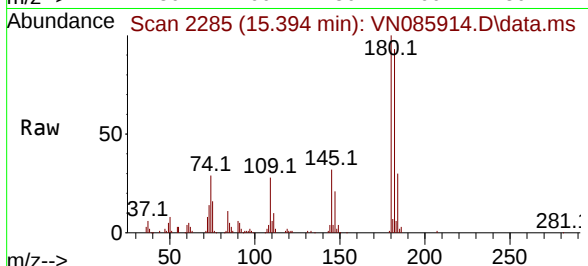
Tgt Ion: 75 Resp: 34765
Ion Ratio Lower Upper
75 100
155 76.9 39.9 119.6
157 96.3 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 52.467 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

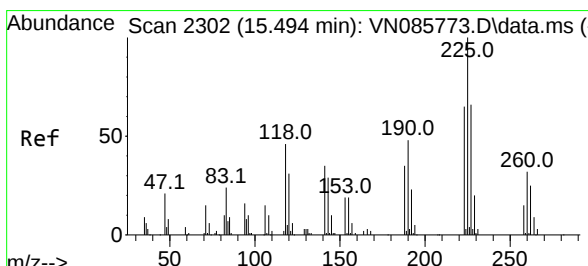
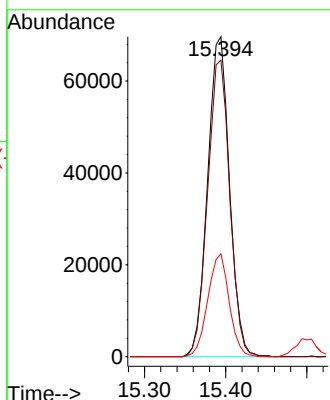
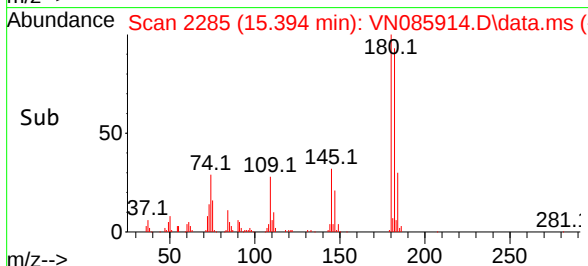
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



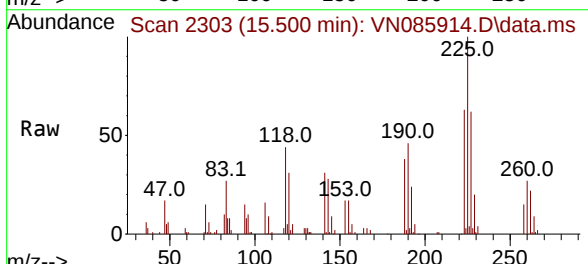
Tgt Ion:180 Resp: 130220
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.9
145 31.5 16.2 48.5

Manual Integrations
APPROVED

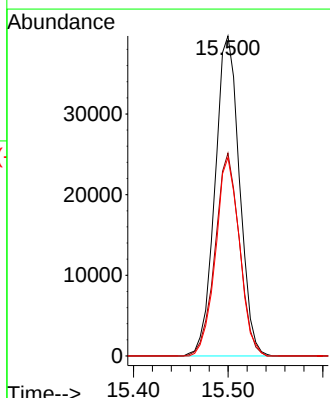
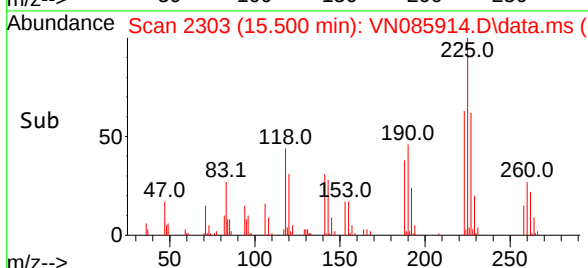
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

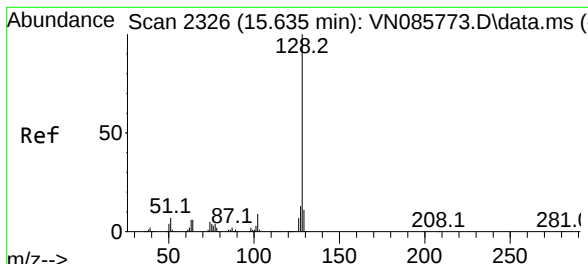


#94
Hexachlorobutadiene
Concen: 47.238 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21



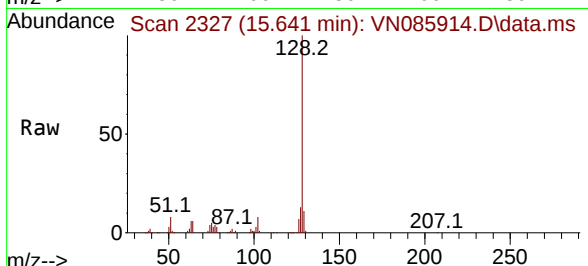
Tgt Ion:225 Resp: 71252
Ion Ratio Lower Upper
225 100
223 62.6 31.9 95.5
227 60.4 32.2 96.6





#95
Naphthalene
Concen: 56.525 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

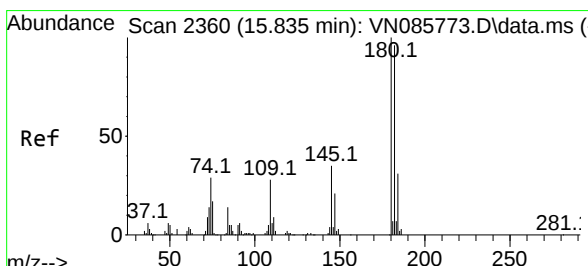
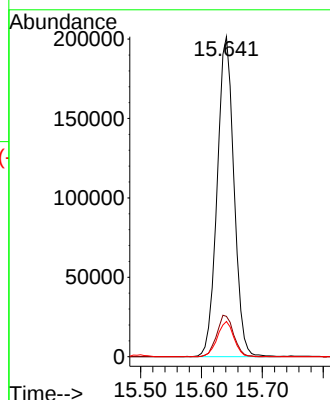
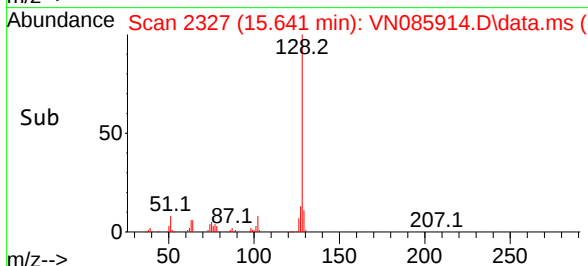
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 38515
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.080 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085914.D
Acq: 10 Mar 2025 12:21

Tgt Ion:180 Resp: 127275
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.8
145 34.1 16.9 50.6

