

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085952.D
 Acq On : 11 Mar 2025 23:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 12 01:34:29 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 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102730	43.389	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.780%		
35) Dibromofluoromethane	8.165	113	85370	43.549	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.100%		
50) Toluene-d8	10.565	98	316204	44.334	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.660%		
62) 4-Bromofluorobenzene	12.847	95	114447	48.702	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	115892	46.654	ug/l	99
3) Chloromethane	2.359	50	114987	46.130	ug/l	99
4) Vinyl Chloride	2.512	62	113125	42.863	ug/l	98
5) Bromomethane	2.948	94	62320	36.929	ug/l	95
6) Chloroethane	3.118	64	66141	37.835	ug/l	94
7) Trichlorofluoromethane	3.500	101	171098	44.777	ug/l	99
8) Diethyl Ether	3.959	74	59065	47.773	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	94333	42.708	ug/l	100
10) Methyl Iodide	4.589	142	128092	47.046	ug/l	93
11) Tert butyl alcohol	5.524	59	69282	237.913	ug/l	100
12) 1,1-Dichloroethene	4.342	96	91588	45.731	ug/l	93
13) Acrolein	4.177	56	85954	199.041	ug/l	98
14) Allyl chloride	5.024	41	122205	46.476	ug/l	95
15) Acrylonitrile	5.718	53	230822	243.820	ug/l	97
16) Acetone	4.424	43	166636	222.426	ug/l	100
17) Carbon Disulfide	4.712	76	276068	46.511	ug/l	100
18) Methyl Acetate	5.024	43	103328	40.099	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	302328	50.801	ug/l	99
20) Methylene Chloride	5.271	84	107100	44.454	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	96796	44.886	ug/l	97
22) Diisopropyl ether	6.671	45	292858	49.290	ug/l	96
23) Vinyl Acetate	6.600	43	1039295	255.472	ug/l	99
24) 1,1-Dichloroethane	6.565	63	185514	45.931	ug/l	99
25) 2-Butanone	7.483	43	261978	237.692	ug/l	99
26) 2,2-Dichloropropane	7.488	77	132081	36.776	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	114193	45.670	ug/l	99
28) Bromochloromethane	7.806	49	76296	45.960	ug/l	94
29) Tetrahydrofuran	7.835	42	179412	252.081	ug/l	99
30) Chloroform	7.965	83	189780	44.962	ug/l	96
31) Cyclohexane	8.259	56	156104	46.161	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	175536	46.757	ug/l	98
36) 1,1-Dichloropropene	8.365	75	134526	48.488	ug/l	99
37) Ethyl Acetate	7.559	43	108901	47.697	ug/l	99
38) Carbon Tetrachloride	8.359	117	158485	48.076	ug/l	97
39) Methylcyclohexane	9.600	83	131775	48.347	ug/l	99
40) Benzene	8.606	78	426416	47.954	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	58720	48.110	ug/l	95
42) 1,2-Dichloroethane	8.665	62	136444	47.108	ug/l	100
43) Isopropyl Acetate	8.682	43	210054	52.449	ug/l	98
44) Trichloroethene	9.347	130	96246	44.083	ug/l	98
45) 1,2-Dichloropropane	9.618	63	101894	47.472	ug/l	98
46) Dibromomethane	9.706	93	71633	47.314	ug/l	97
47) Bromodichloromethane	9.882	83	149779	46.240	ug/l	97
48) Methyl methacrylate	9.676	41	86607	51.077	ug/l	98
49) 1,4-Dioxane	9.694	88	34302	1063.813	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	565318	256.812	ug/l	99
52) Toluene	10.629	92	267537	51.326	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	148234	49.491	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	161551	49.187	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	96007	46.325	ug/l	97
56) Ethyl methacrylate	10.871	69	151026	50.608	ug/l	97
57) 1,3-Dichloropropane	11.159	76	167903	48.532	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	317507	267.418	ug/l	100
59) 2-Hexanone	11.194	43	406323	268.312	ug/l	98
60) Dibromochloromethane	11.359	129	118463	49.089	ug/l	100
61) 1,2-Dibromoethane	11.465	107	95952	49.002	ug/l	98
64) Tetrachloroethene	11.100	164	87704	42.253	ug/l	96
65) Chlorobenzene	11.888	112	280610	45.717	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	101888	46.183	ug/l	98
67) Ethyl Benzene	11.965	91	490063	50.970	ug/l	99
68) m/p-Xylenes	12.070	106	388220	106.298	ug/l	100
69) o-Xylene	12.394	106	183816	52.965	ug/l	98
70) Styrene	12.406	104	310966	48.323	ug/l	98
71) Bromoform	12.576	173	81403	49.656	ug/l #	98
73) Isopropylbenzene	12.694	105	455266	48.339	ug/l	100
74) N-amyl acetate	12.488	43	166886	50.248	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	138788	42.824	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	129601m	42.440	ug/l	
77) Bromobenzene	12.976	156	116602	45.825	ug/l	98
78) n-propylbenzene	13.035	91	540050	50.069	ug/l	100
79) 2-Chlorotoluene	13.123	91	341436	47.378	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	394595	51.433	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	48029	45.891	ug/l	94
82) 4-Chlorotoluene	13.217	91	345831	48.406	ug/l	99
83) tert-Butylbenzene	13.435	119	321248	49.794	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	404657	53.312	ug/l	98
85) sec-Butylbenzene	13.612	105	446835	49.020	ug/l	100
86) p-Isopropyltoluene	13.729	119	380483	45.905	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	212617	44.600	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	211244	43.234	ug/l	100
89) n-Butylbenzene	14.053	91	311031	48.060	ug/l	98
90) Hexachloroethane	14.329	117	73580	42.623	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	207179	45.194	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27207	45.717	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	100265	45.900	ug/l	100
94) Hexachlorobutadiene	15.500	225	48989	36.901	ug/l	99
95) Naphthalene	15.635	128	337368	56.255	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	97834	44.612	ug/l	99

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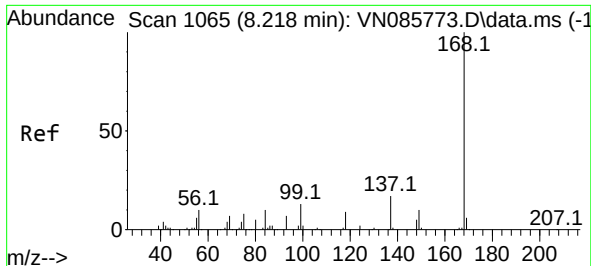
Manual Integrations
APPROVED

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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

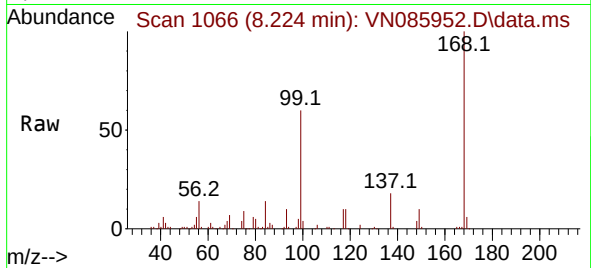
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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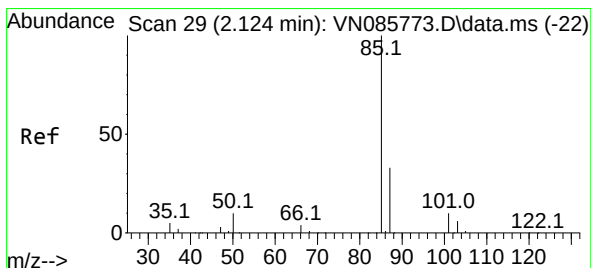
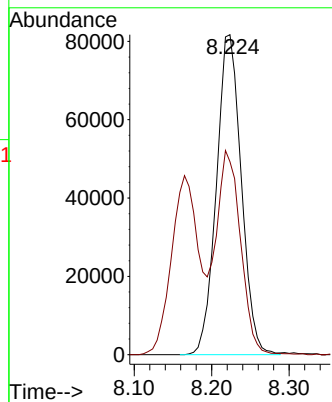
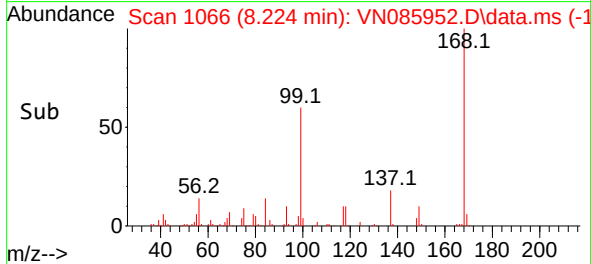
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 182625
Ion Ratio Lower Upper
168 100
99 60.0 47.9 71.9

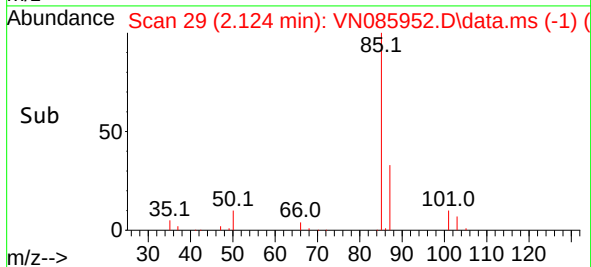
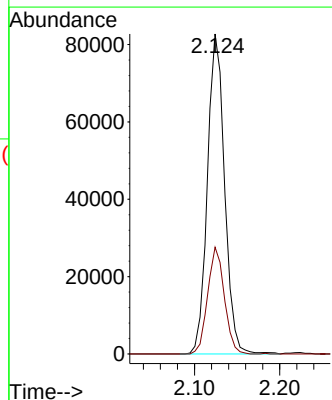
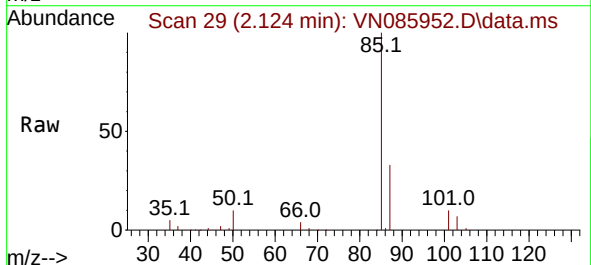
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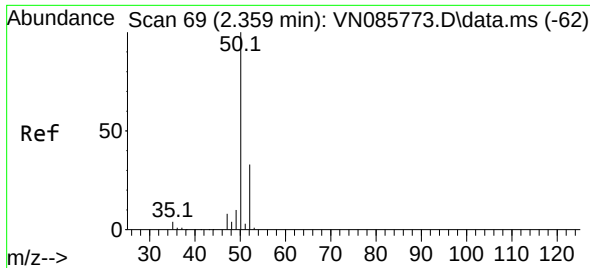
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#2
Dichlorodifluoromethane
Concen: 46.654 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

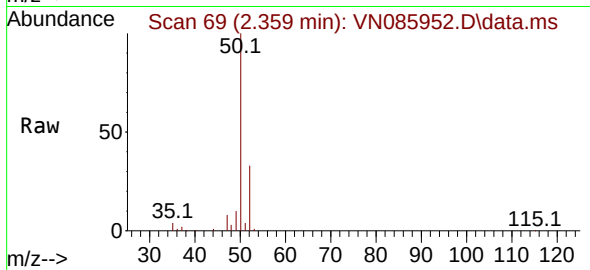
Tgt Ion: 85 Resp: 115892
Ion Ratio Lower Upper
85 100
87 33.4 16.4 49.2





#3
Chloromethane
Concen: 46.130 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

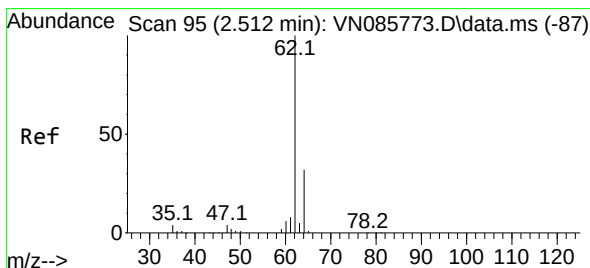
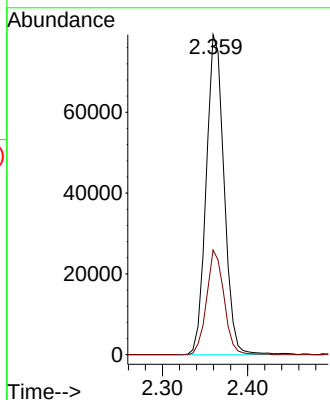
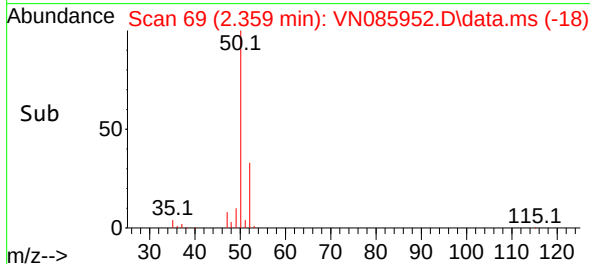
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Tgt Ion: 50 Resp: 11498
Ion Ratio Lower Upper
50 100
52 32.7 26.7 40.1

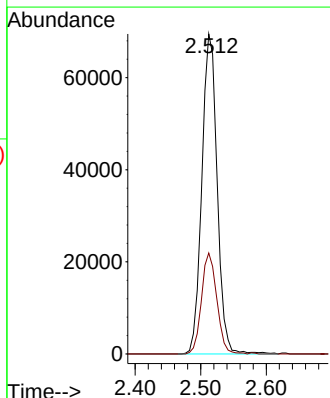
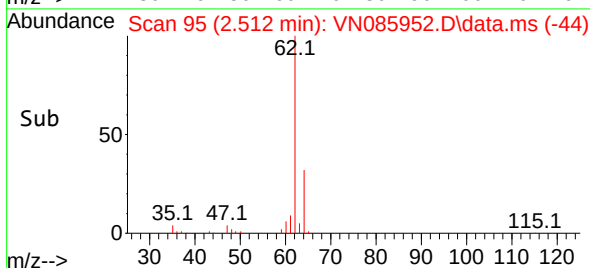
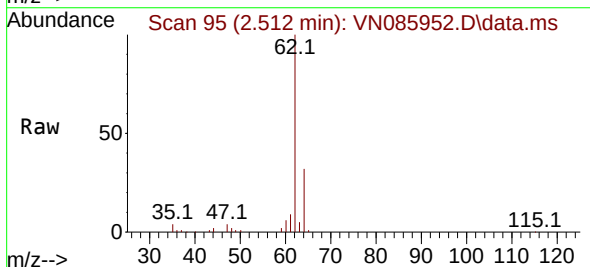
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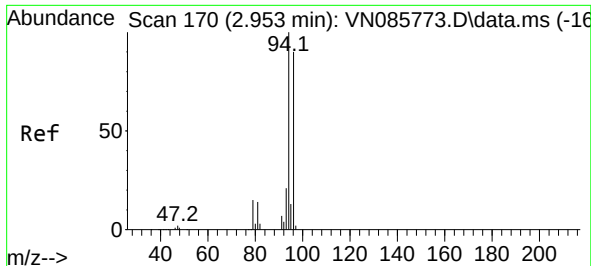
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#4
Vinyl Chloride
Concen: 42.863 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085952.D
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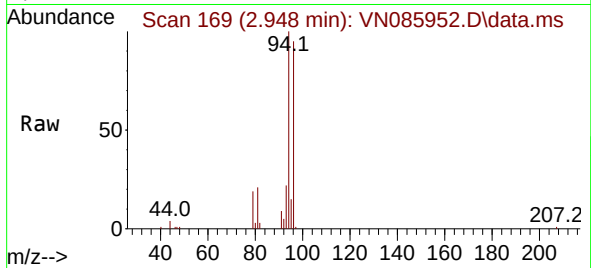
Tgt Ion: 62 Resp: 113125
Ion Ratio Lower Upper
62 100
64 31.5 25.9 38.9





#5
Bromomethane
Concen: 36.929 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085952.D
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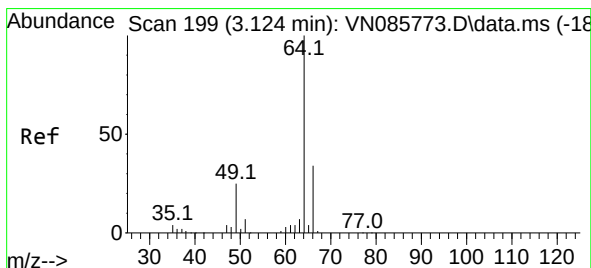
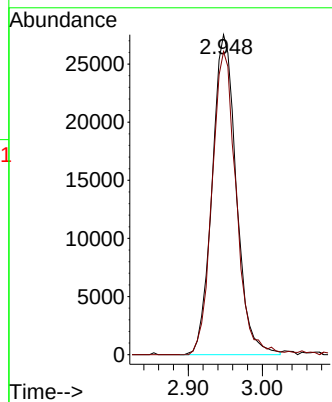
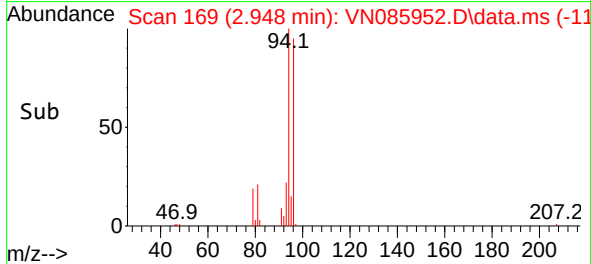
Instrument :
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Tgt Ion: 94 Resp: 62320
Ion Ratio Lower Upper
94 100
96 94.7 71.7 107.5

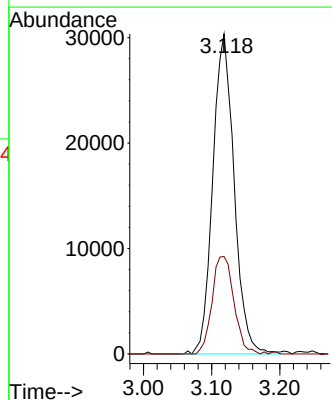
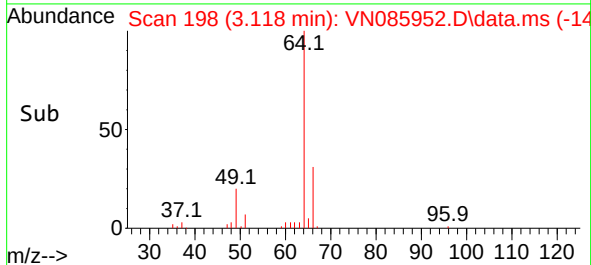
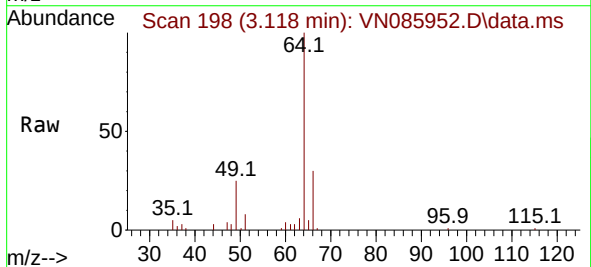
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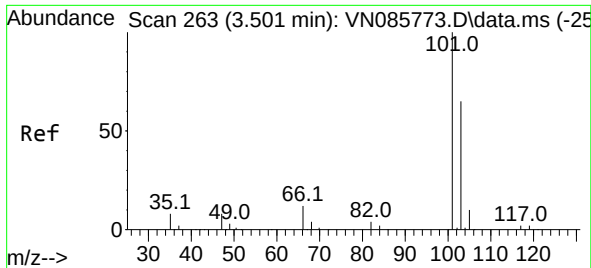
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#6
Chloroethane
Concen: 37.835 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085952.D
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Tgt Ion: 64 Resp: 66141
Ion Ratio Lower Upper
64 100
66 30.5 27.0 40.6





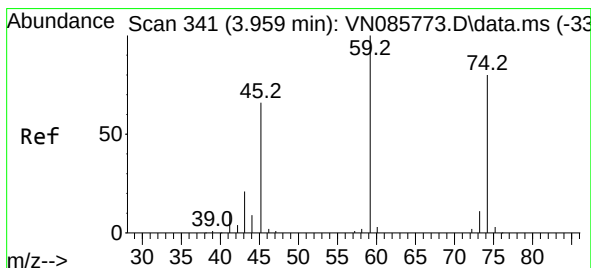
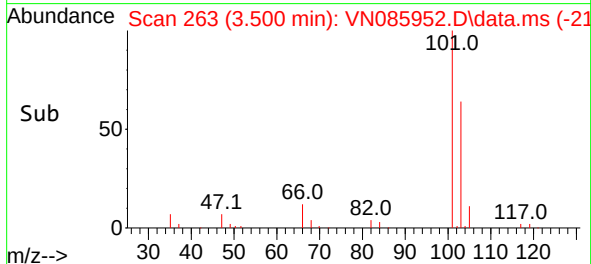
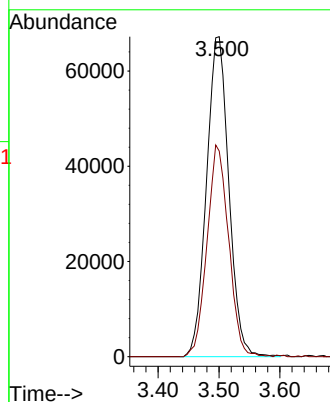
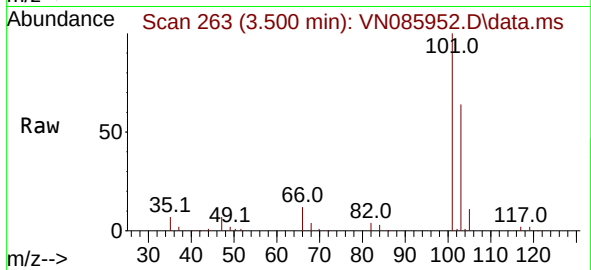
#7
Trichlorofluoromethane
Concen: 44.777 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 171098
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4

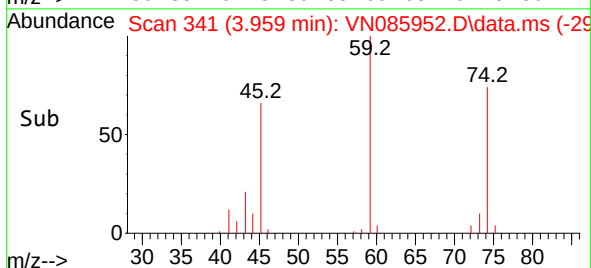
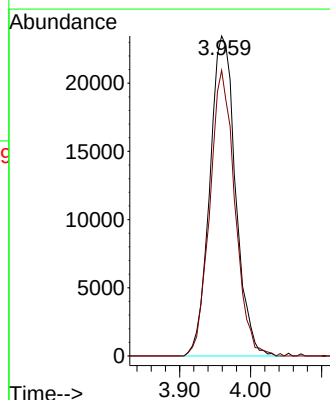
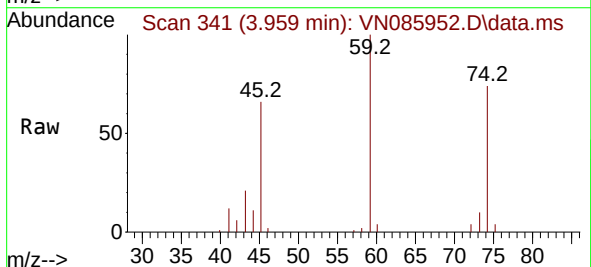
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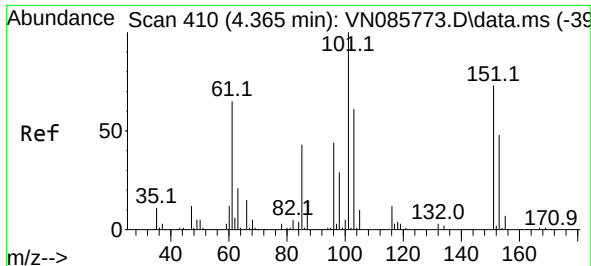
Reviewed By :John Carlone 03/12/2025
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#8
Diethyl Ether
Concen: 47.773 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Acq: 11 Mar 2025 23:29

Tgt Ion: 74 Resp: 59065
Ion Ratio Lower Upper
74 100
45 86.7 42.5 127.6





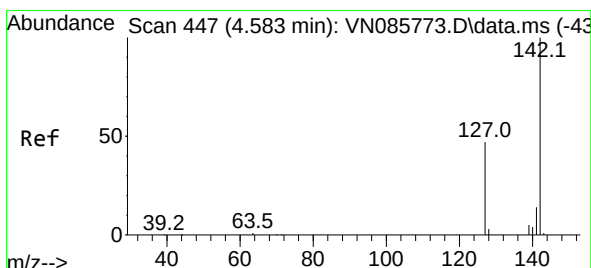
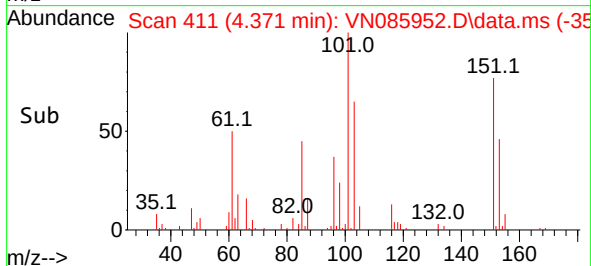
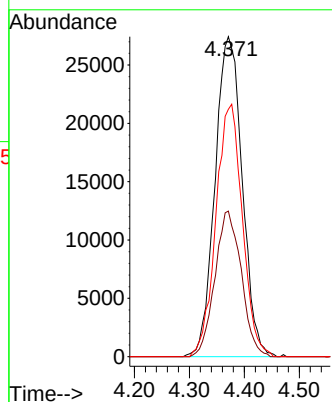
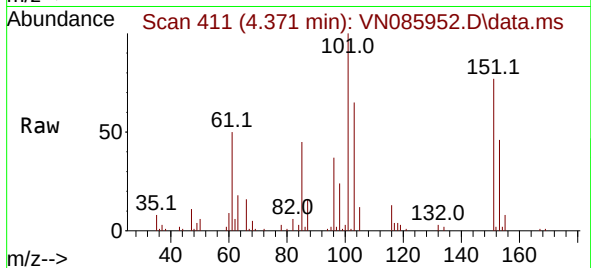
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.708 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085952.D
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9433
Ion Ratio Lower Upper
101 100
85 44.1 35.7 53.5
151 76.8 61.4 92.2

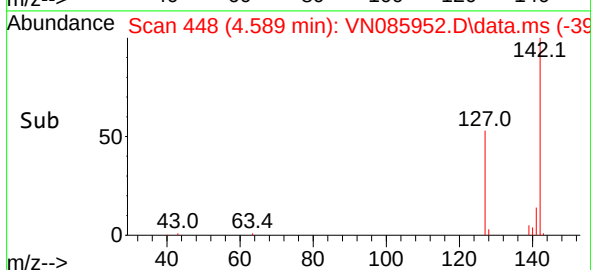
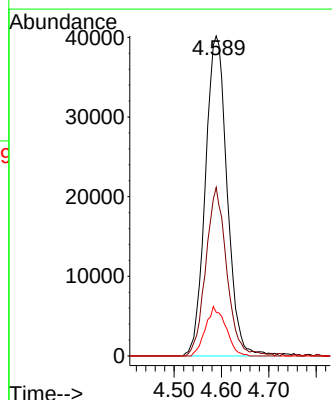
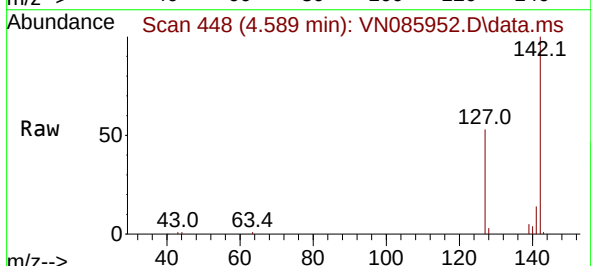
Manual Integrations
APPROVED

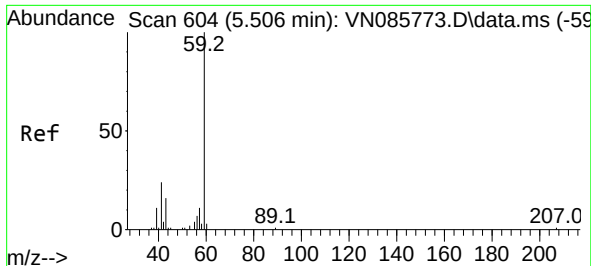
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#10
Methyl Iodide
Concen: 47.046 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

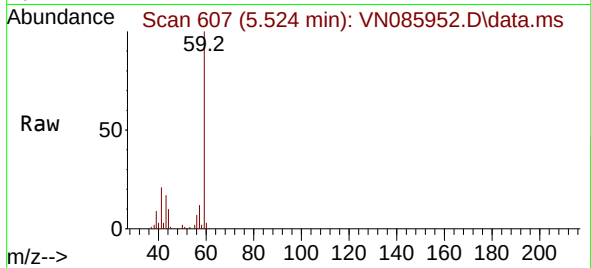
Tgt Ion:142 Resp: 128092
Ion Ratio Lower Upper
142 100
127 52.6 37.6 56.4
141 13.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 237.913 ug/l
RT: 5.524 min Scan# 604
Delta R.T. 0.018 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

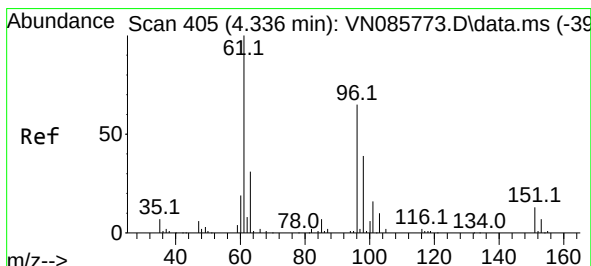
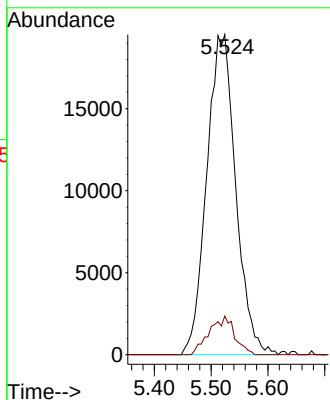
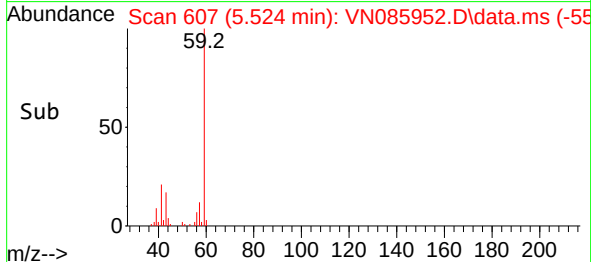
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 6928
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

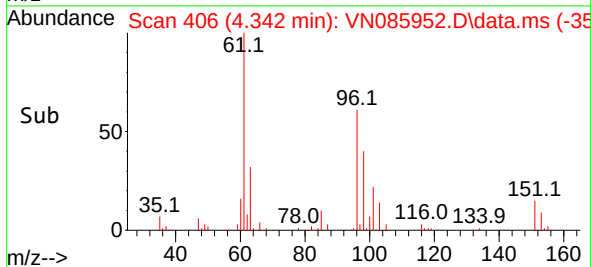
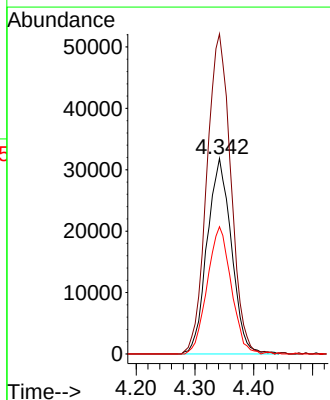
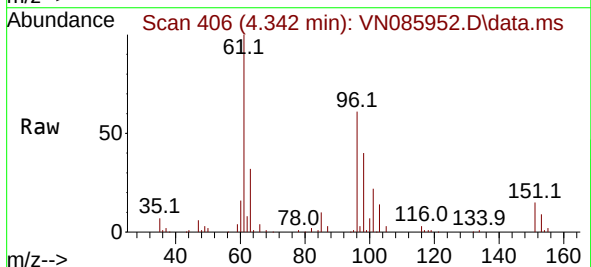
Manual Integrations
APPROVED

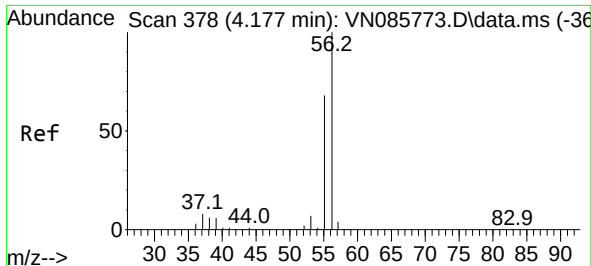
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#12
1,1-Dichloroethene
Concen: 45.731 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

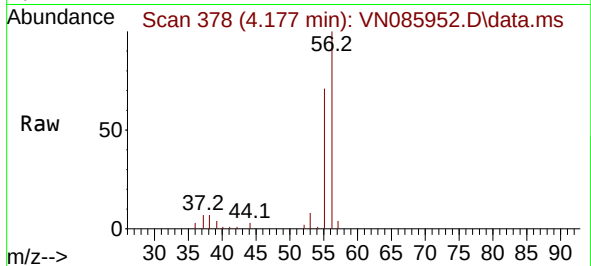
Tgt Ion: 96 Resp: 91588
Ion Ratio Lower Upper
96 100
61 163.7 123.3 184.9
98 65.1 48.6 72.8





#13
Acrolein
Concen: 199.041 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

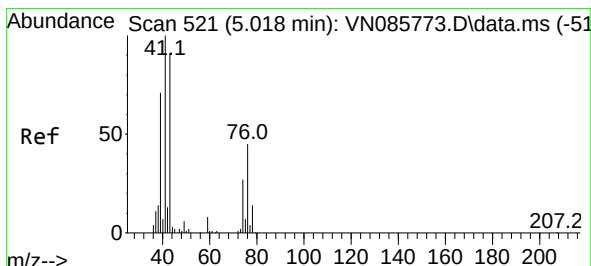
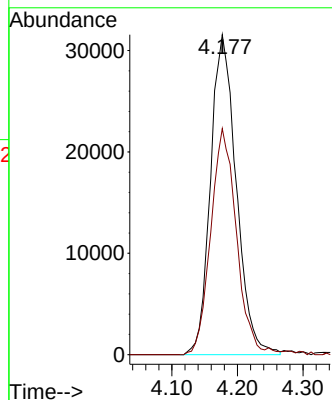
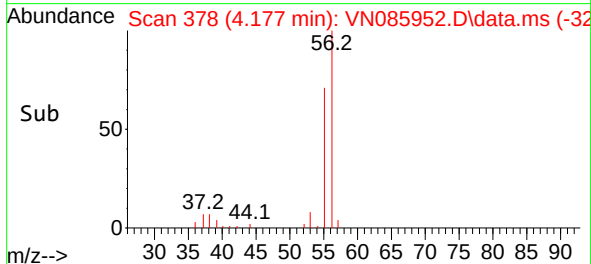
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 85954
Ion Ratio Lower Upper
56 100
55 70.6 55.3 82.9

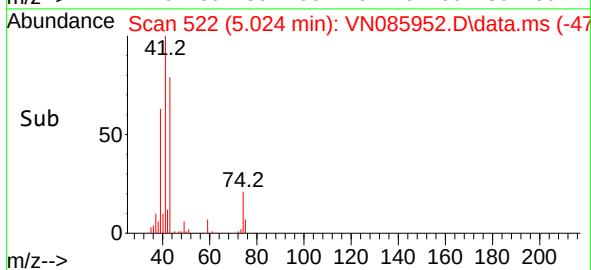
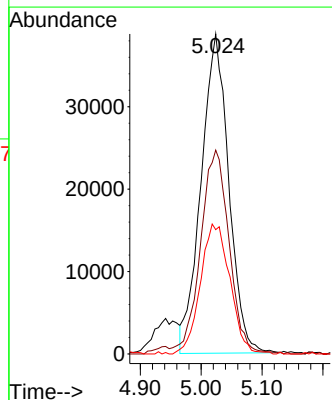
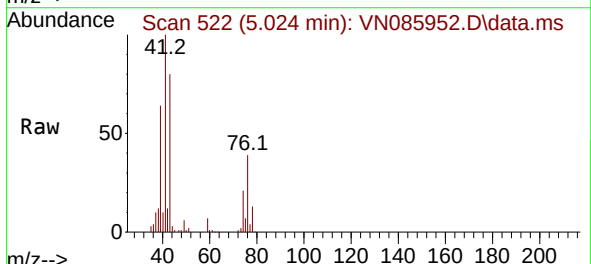
Manual Integrations
APPROVED

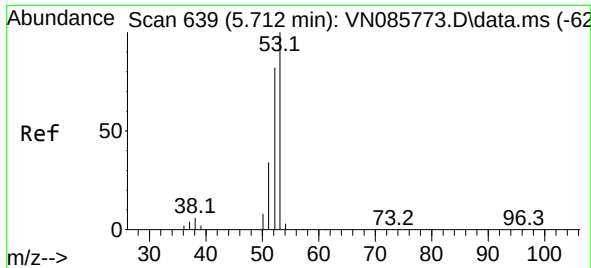
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#14
Allyl chloride
Concen: 46.476 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

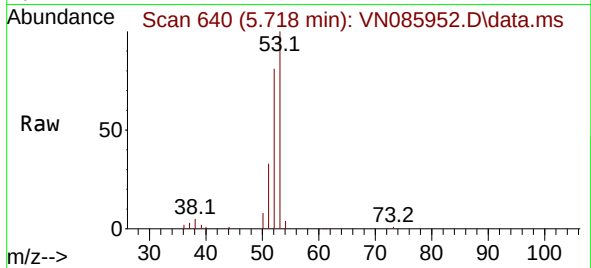
Tgt Ion: 41 Resp: 122205
Ion Ratio Lower Upper
41 100
39 66.3 57.4 86.2
76 43.5 36.2 54.2





#15
Acrylonitrile
Concen: 243.820 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

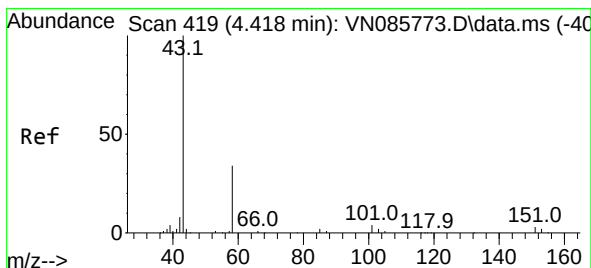
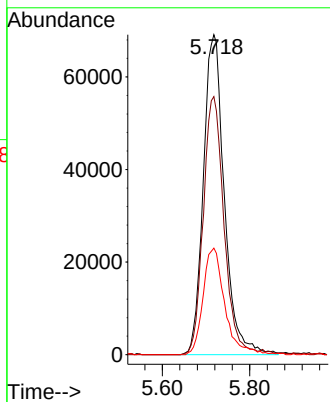
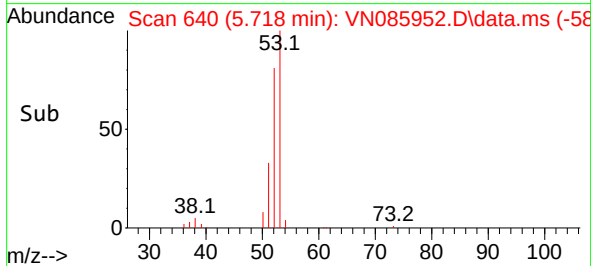
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



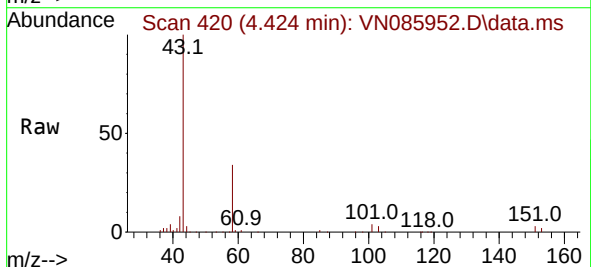
Tgt Ion: 53 Resp: 23082
Ion Ratio Lower Upper
53 100
52 79.2 65.8 98.6
51 34.4 28.6 42.8

Manual Integrations
APPROVED

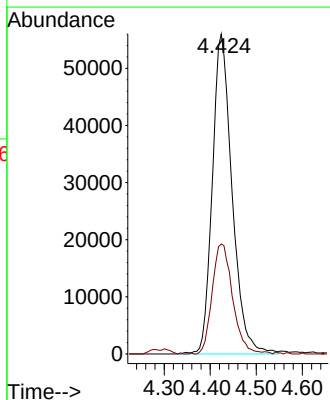
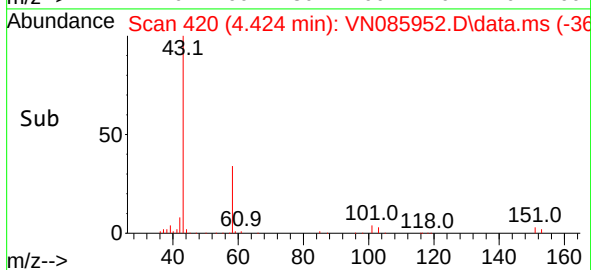
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

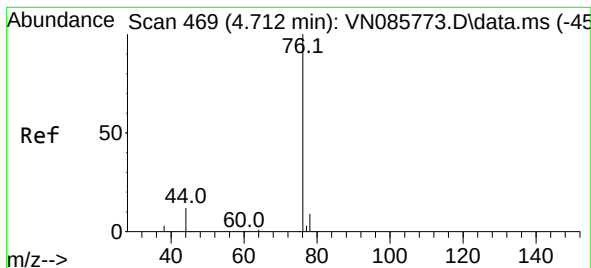


#16
Acetone
Concen: 222.426 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29



Tgt Ion: 43 Resp: 166636
Ion Ratio Lower Upper
43 100
58 34.4 27.5 41.3





#17

Carbon Disulfide

Concen: 46.511 ug/l

RT: 4.712 min Scan# 40

Delta R.T. -0.000 min

Lab File: VN085952.D

Acq: 11 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 27606

Ion Ratio Lower Upper

76 100

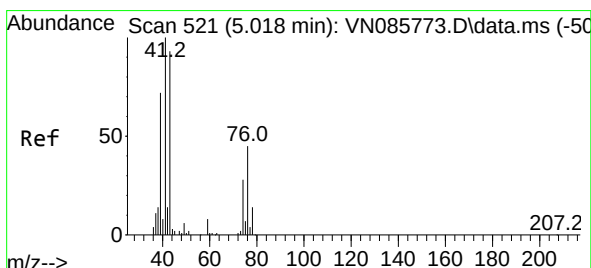
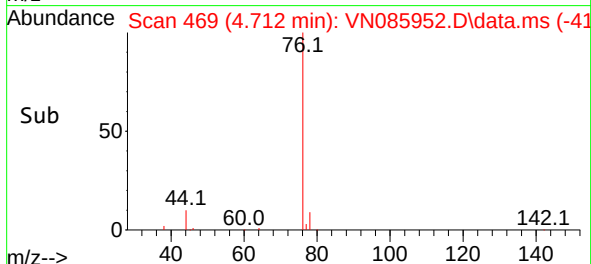
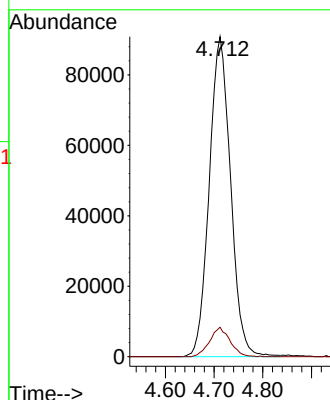
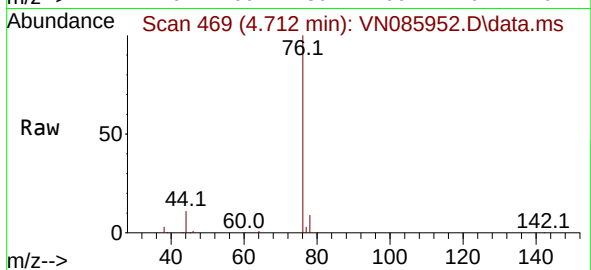
78 9.2 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#18

Methyl Acetate

Concen: 40.099 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085952.D

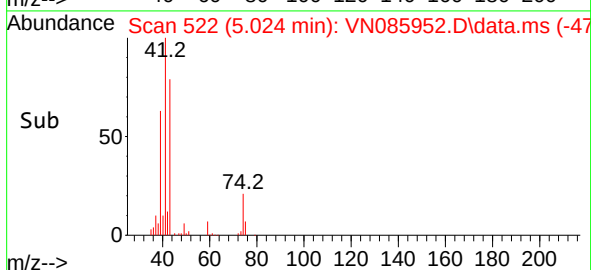
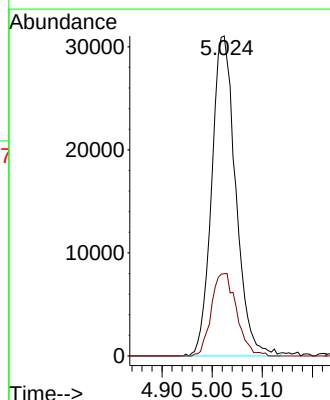
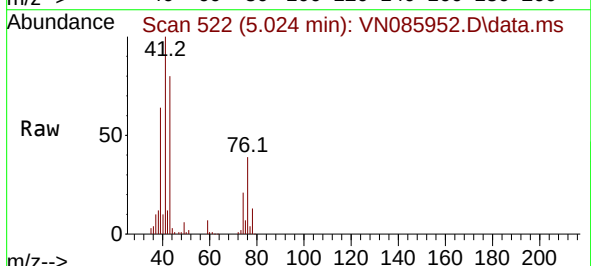
Acq: 11 Mar 2025 23:29

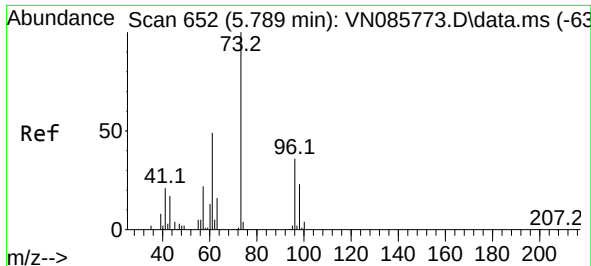
Tgt Ion: 43 Resp: 103328

Ion Ratio Lower Upper

43 100

74 27.1 22.2 33.4





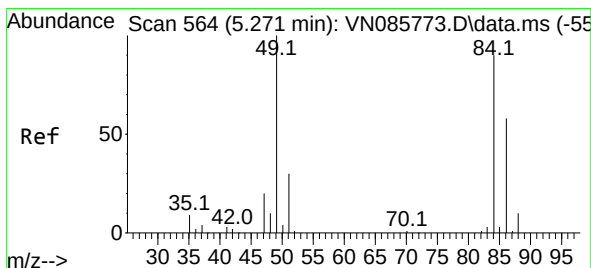
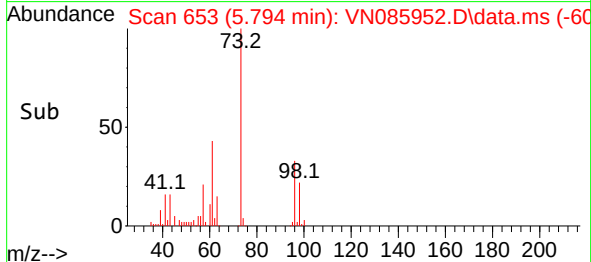
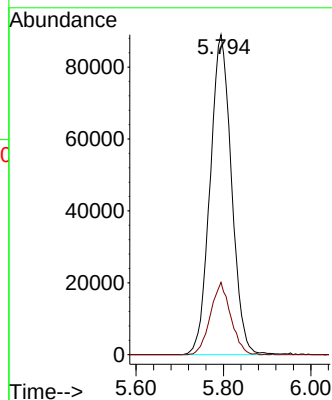
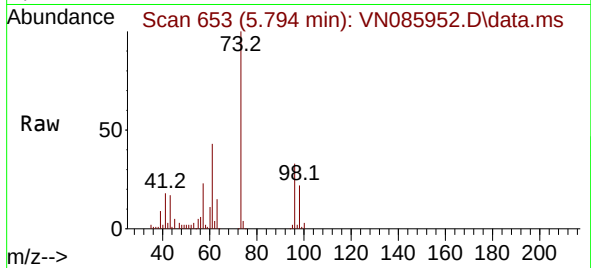
#19
Methyl tert-butyl Ether
Concen: 50.801 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 302328
Ion Ratio Lower Upper
73 100
57 22.6 17.6 26.4

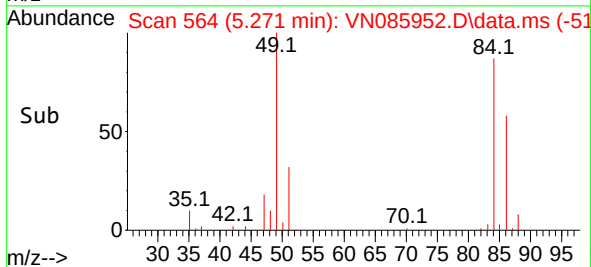
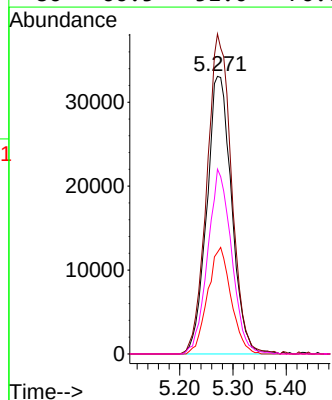
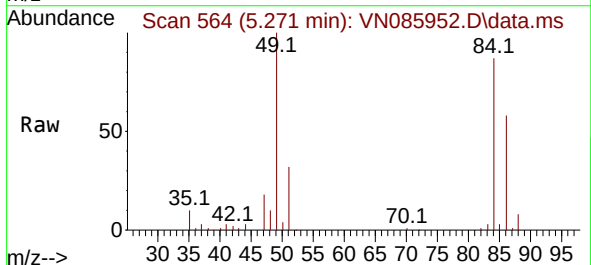
Manual Integrations
APPROVED

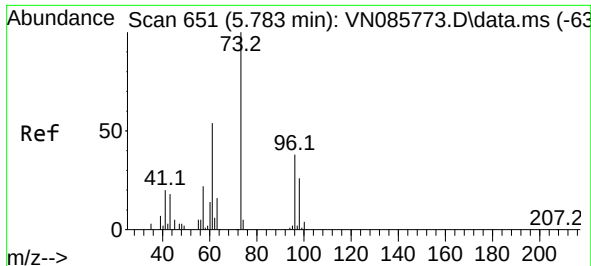
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#20
Methylene Chloride
Concen: 44.454 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

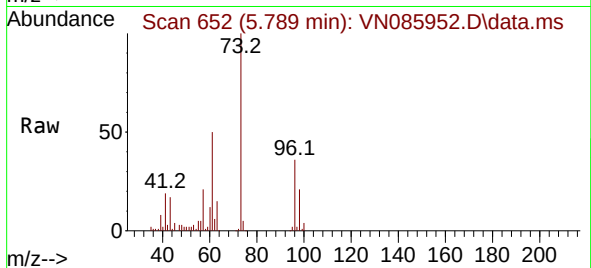
Tgt Ion: 84 Resp: 107100
Ion Ratio Lower Upper
84 100
49 115.3 88.4 132.6
51 36.6 26.6 40.0
86 66.5 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 44.886 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

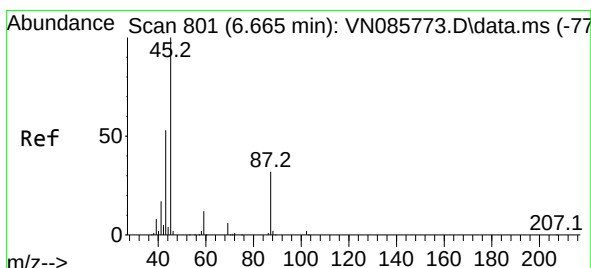
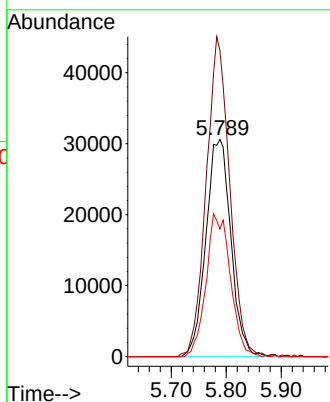
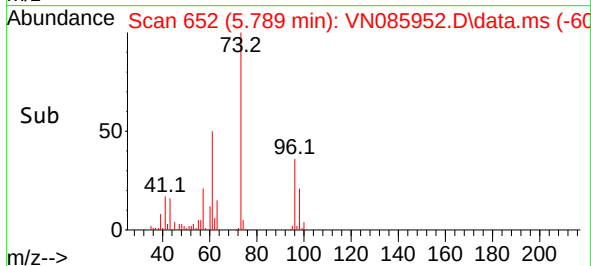
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 96790
Ion Ratio Lower Upper
96 100
61 140.7 112.6 168.8
98 58.8 53.3 79.9

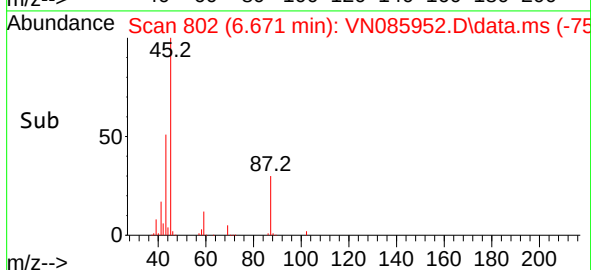
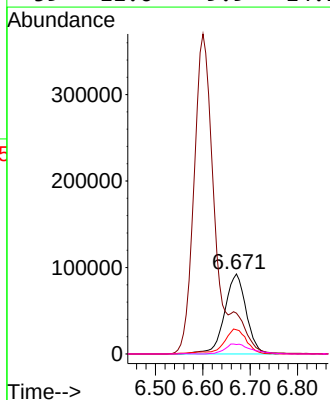
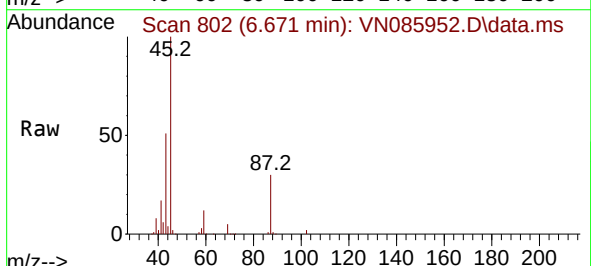
Manual Integrations
APPROVED

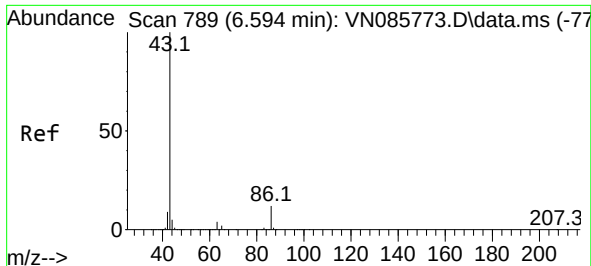
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#22
Diisopropyl ether
Concen: 49.290 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

Tgt Ion: 45 Resp: 292858
Ion Ratio Lower Upper
45 100
43 50.0 42.6 64.0
87 30.0 25.8 38.8
59 11.6 9.9 14.9





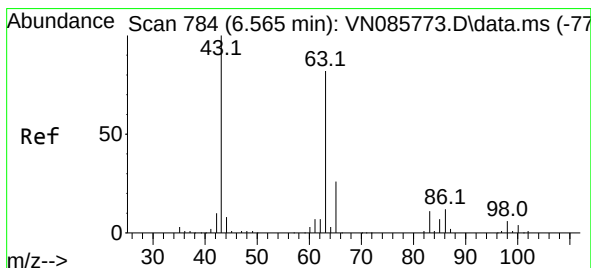
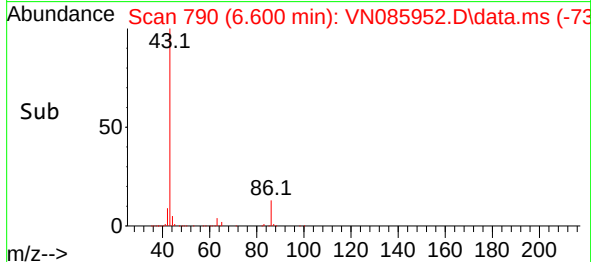
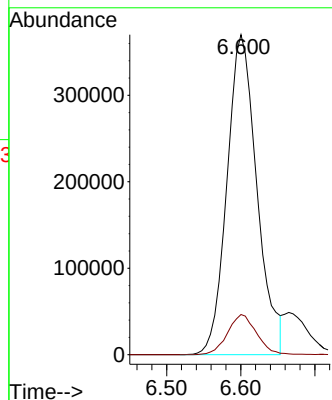
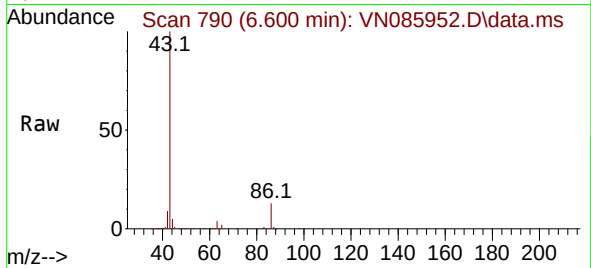
#23
 Vinyl Acetate
 Concen: 255.472 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085952.D
 Acq: 11 Mar 2025 23:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 103929
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.8

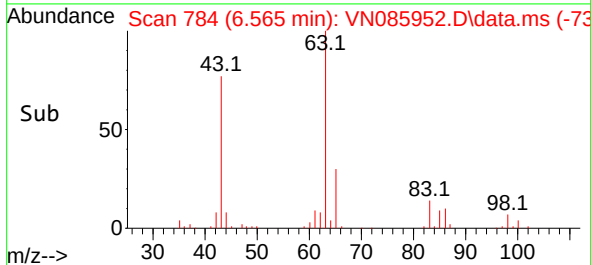
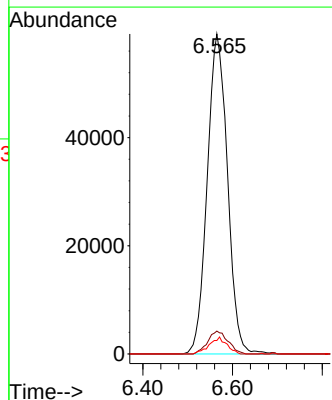
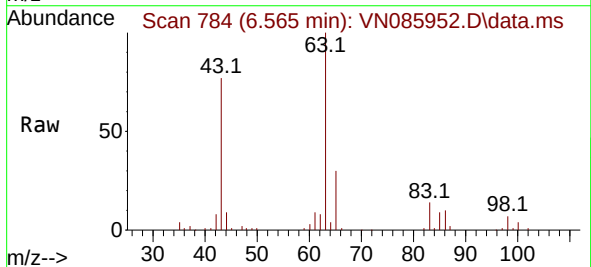
Manual Integrations
 APPROVED

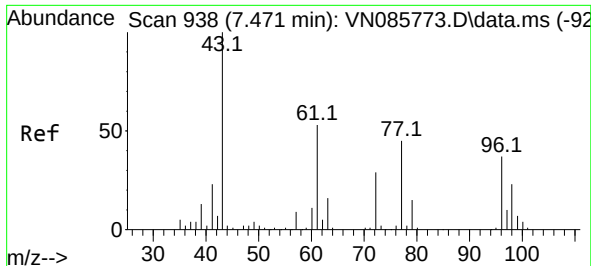
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#24
 1,1-Dichloroethane
 Concen: 45.931 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085952.D
 Acq: 11 Mar 2025 23:29

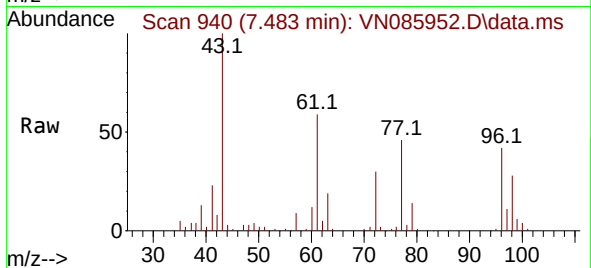
Tgt Ion: 63 Resp: 185514
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.2 2.4 7.2





#25
2-Butanone
Concen: 237.692 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

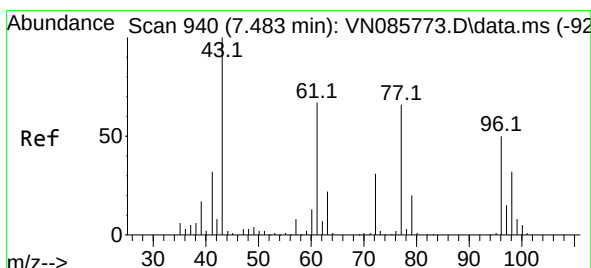
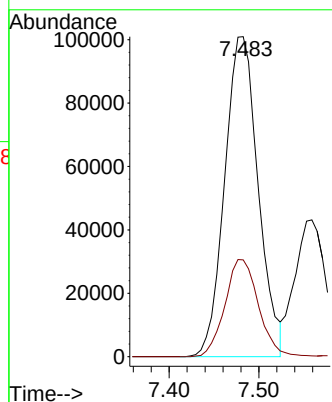
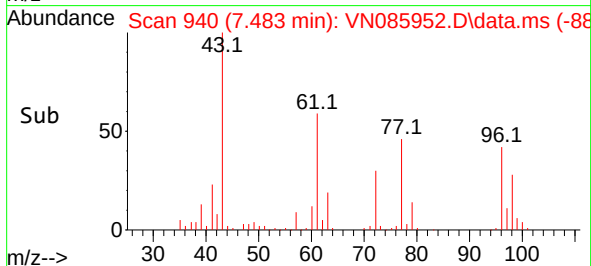
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



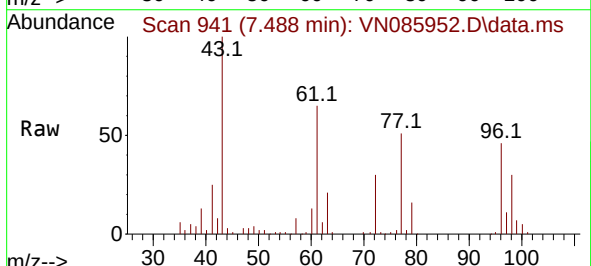
Tgt Ion: 43 Resp: 261978
Ion Ratio Lower Upper
43 100
72 30.3 23.6 35.4

Manual Integrations
APPROVED

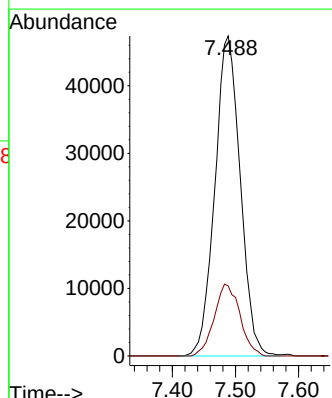
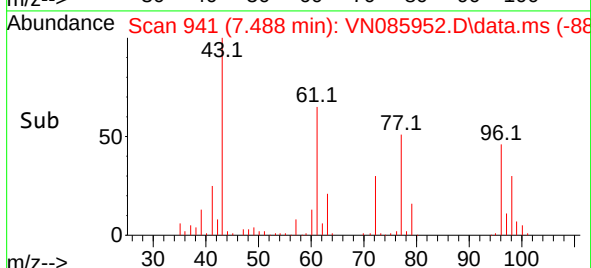
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

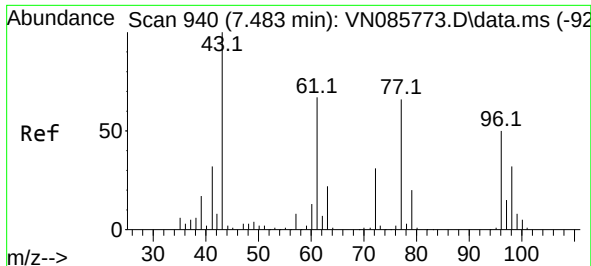


#26
2,2-Dichloropropane
Concen: 36.776 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29



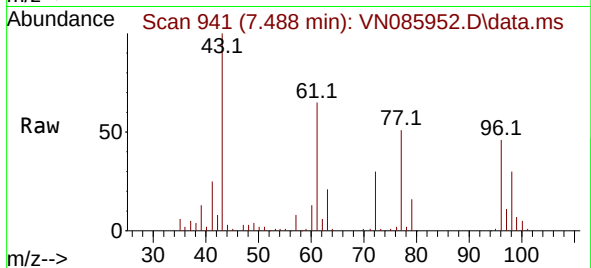
Tgt Ion: 77 Resp: 132081
Ion Ratio Lower Upper
77 100
97 22.7 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 45.670 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085952.D
 Acq: 11 Mar 2025 23:29

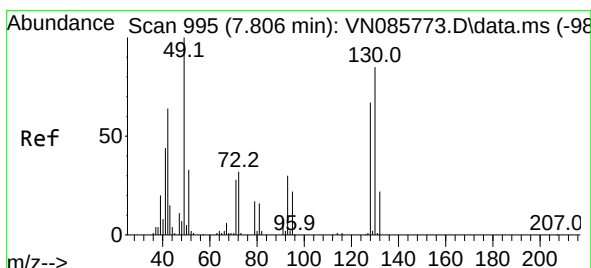
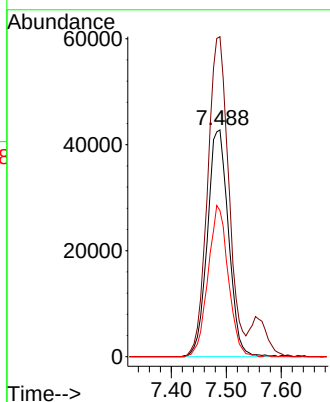
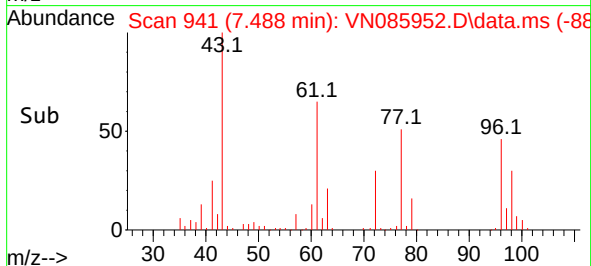
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 11419
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 280.6
 98 63.8 0.0 128.6

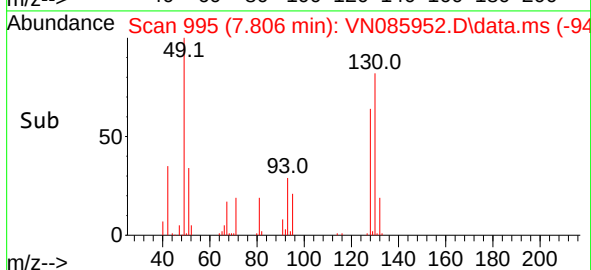
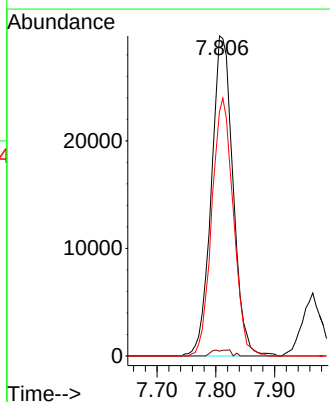
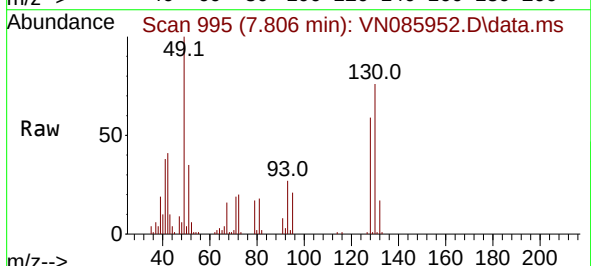
Manual Integrations
 APPROVED

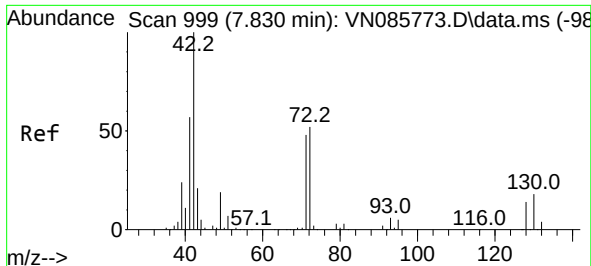
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#28
 Bromochloromethane
 Concen: 45.960 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085952.D
 Acq: 11 Mar 2025 23:29

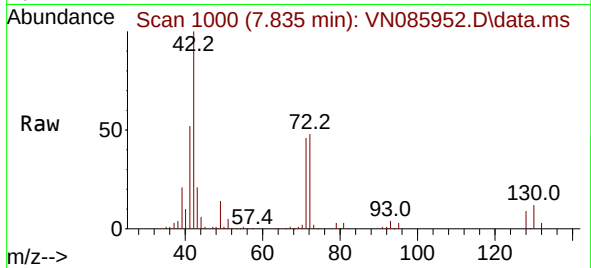
Tgt Ion: 49 Resp: 76296
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.8
 130 79.8 68.0 102.0





#29
Tetrahydrofuran
Concen: 252.081 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

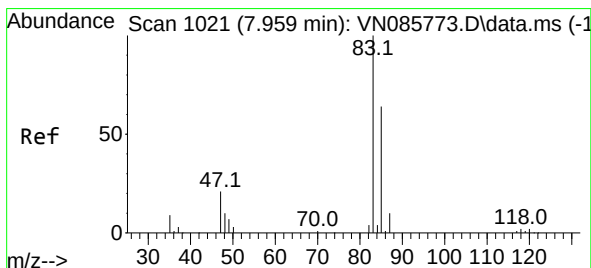
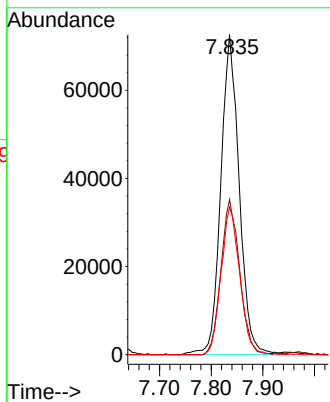
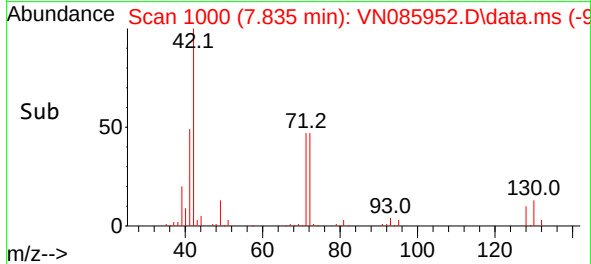
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 17941
Ion Ratio Lower Upper
42 100
72 49.1 40.0 60.0
71 46.8 37.0 55.4

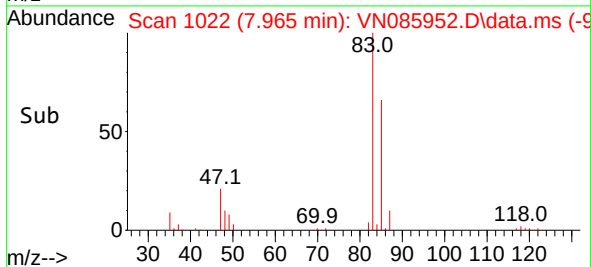
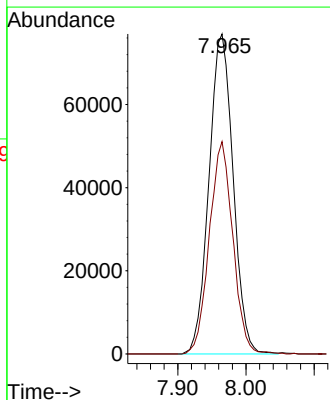
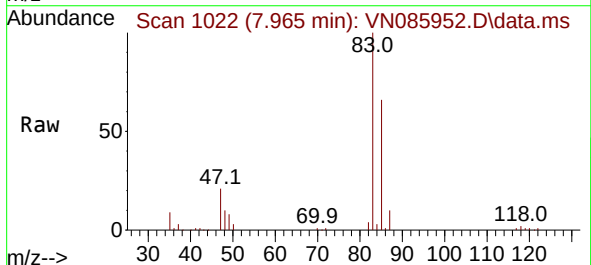
Manual Integrations
APPROVED

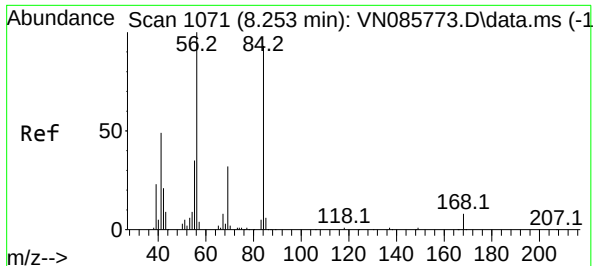
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#30
Chloroform
Concen: 44.962 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

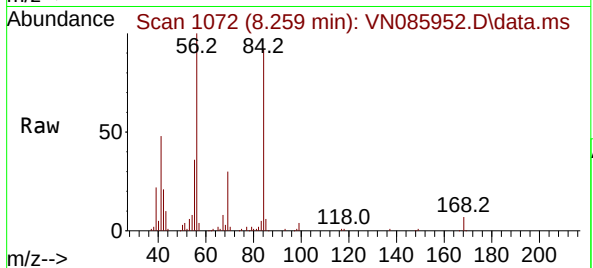
Tgt Ion: 83 Resp: 189780
Ion Ratio Lower Upper
83 100
85 66.3 50.9 76.3





#31
Cyclohexane
Concen: 46.161 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

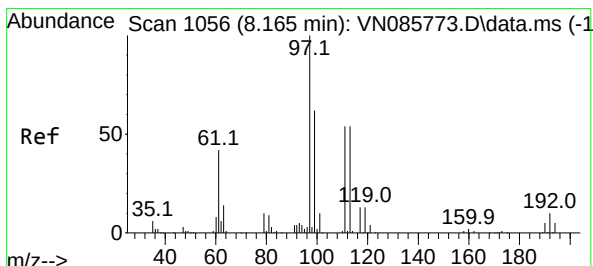
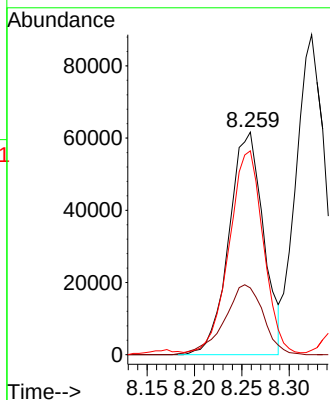
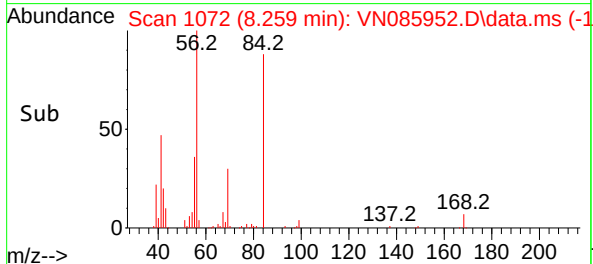
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



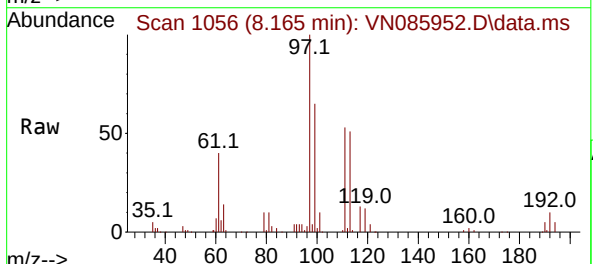
Tgt Ion: 56 Resp: 156104
Ion Ratio Lower Upper
56 100
69 29.5 25.8 38.6
84 90.2 74.5 111.7

Manual Integrations
APPROVED

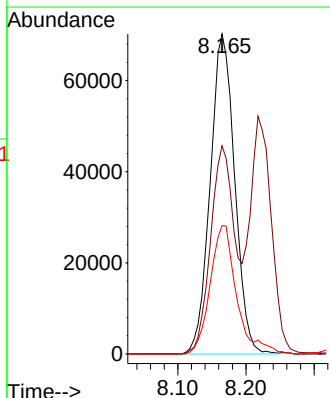
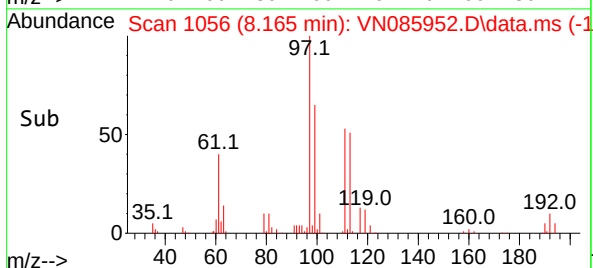
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

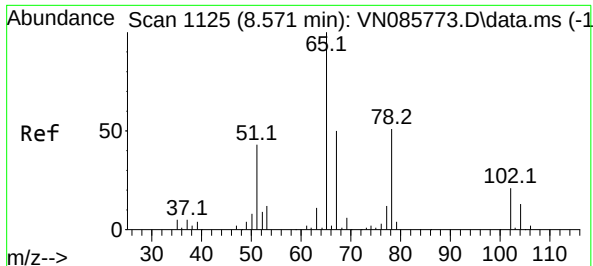


#32
1,1,1-Trichloroethane
Concen: 46.757 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29



Tgt Ion: 97 Resp: 175536
Ion Ratio Lower Upper
97 100
99 64.6 50.4 75.6
61 43.4 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 43.389 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085952.D

Acq: 11 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 102730

Ion Ratio Lower Upper

65 100

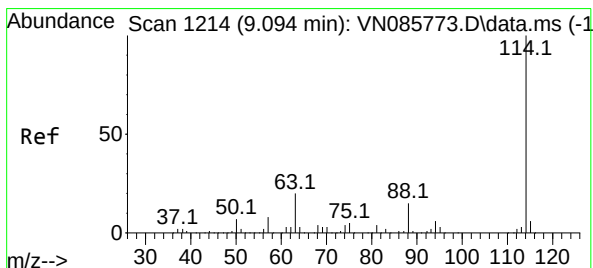
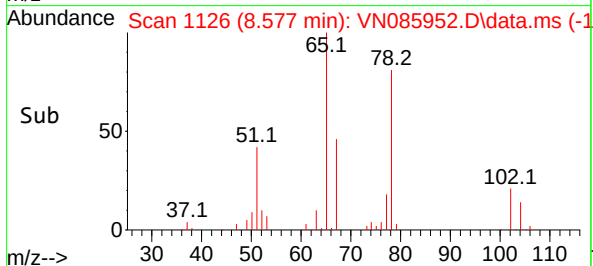
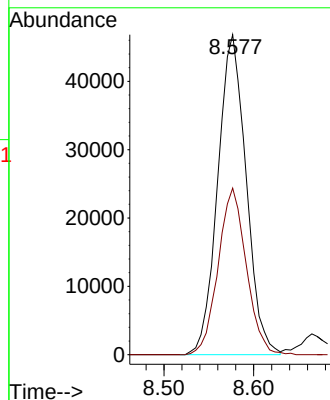
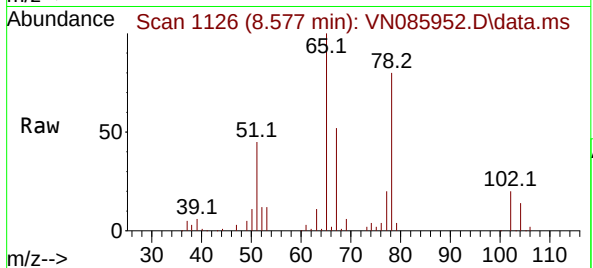
67 51.7 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085952.D

Acq: 11 Mar 2025 23:29

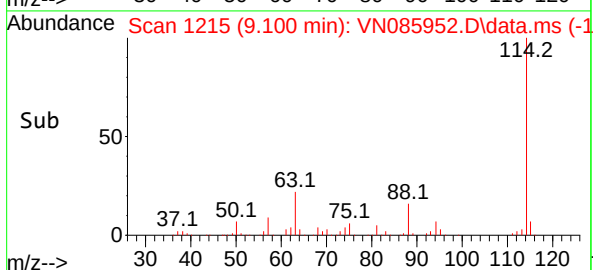
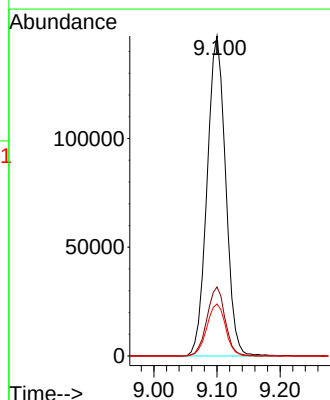
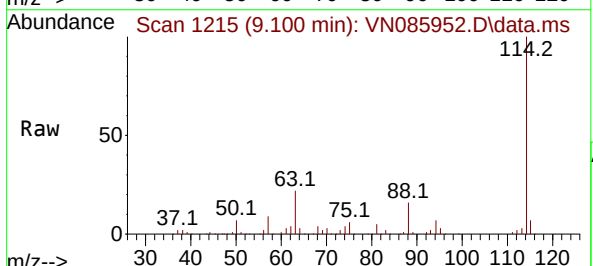
Tgt Ion:114 Resp: 299585

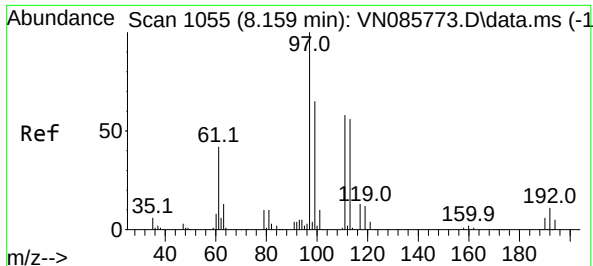
Ion Ratio Lower Upper

114 100

63 21.6 0.0 39.2

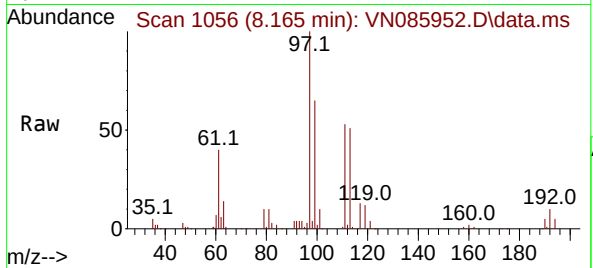
88 16.2 0.0 30.0





#35
Dibromofluoromethane
Concen: 43.549 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

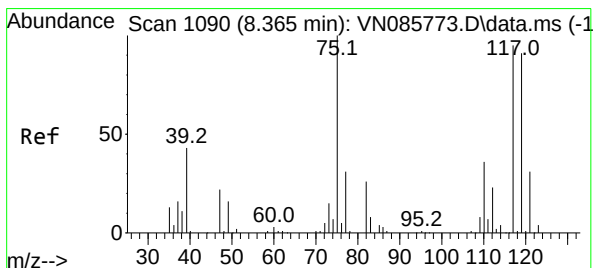
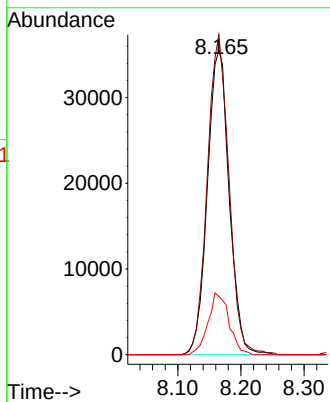
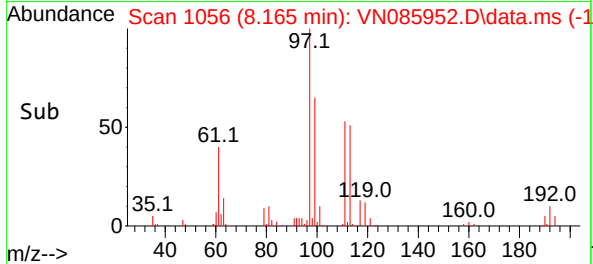
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 85370
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 19.4 14.7 22.1

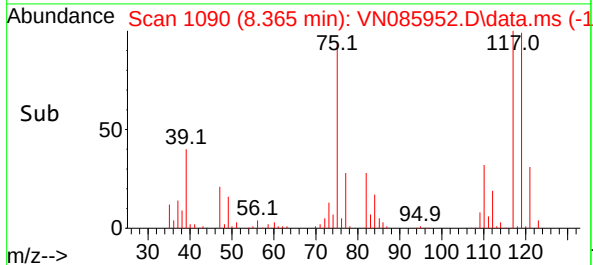
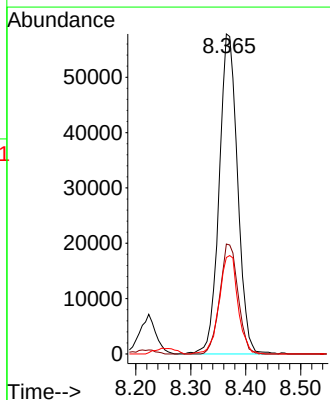
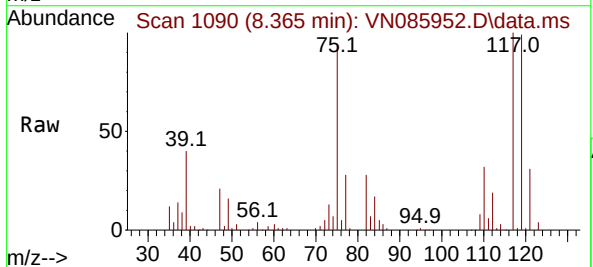
Manual Integrations
APPROVED

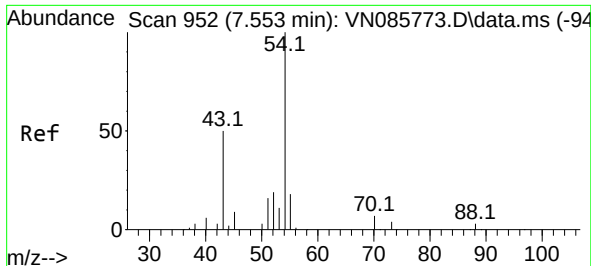
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#36
1,1-Dichloropropene
Concen: 48.488 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

Tgt Ion: 75 Resp: 134526
Ion Ratio Lower Upper
75 100
110 33.9 17.3 52.0
77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 47.697 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085952.D

Acq: 11 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 10890

Ion Ratio Lower Upper

43 100

61 14.9 12.2 18.2

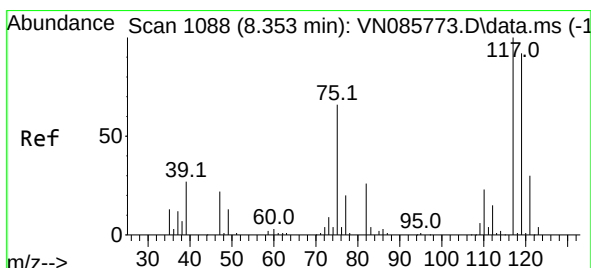
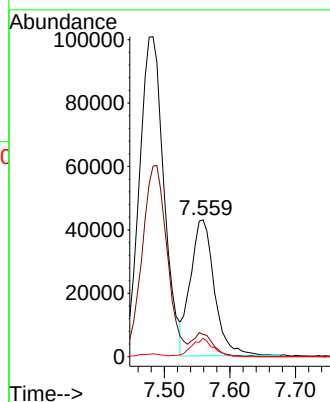
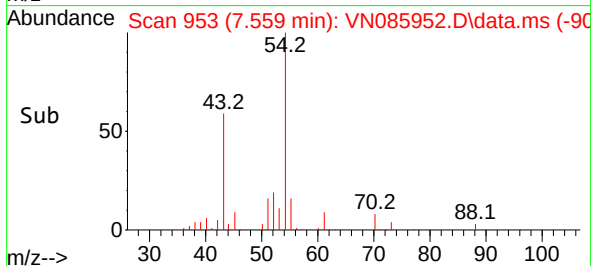
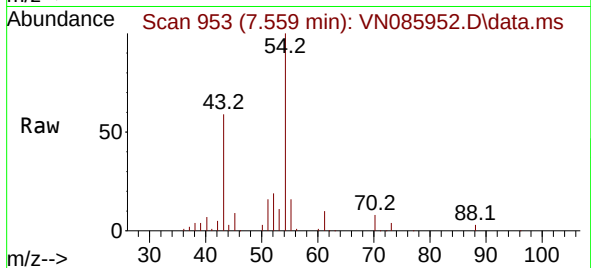
70 12.3 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#38

Carbon Tetrachloride

Concen: 48.076 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN085952.D

Acq: 11 Mar 2025 23:29

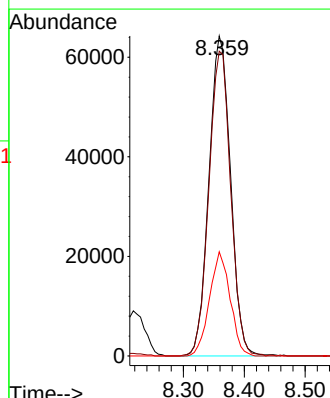
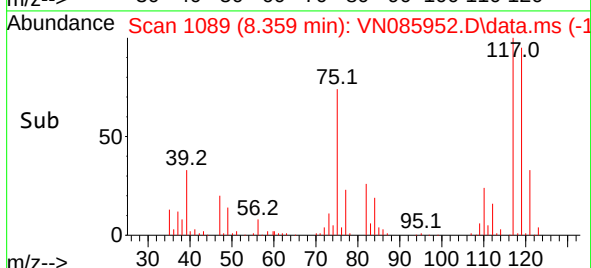
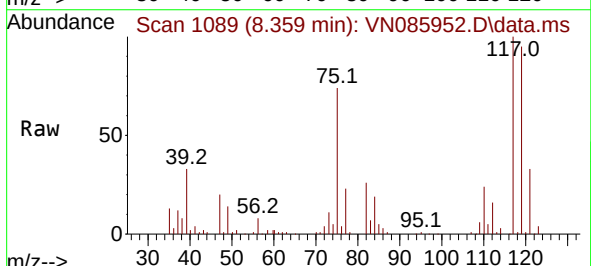
Tgt Ion:117 Resp: 158485

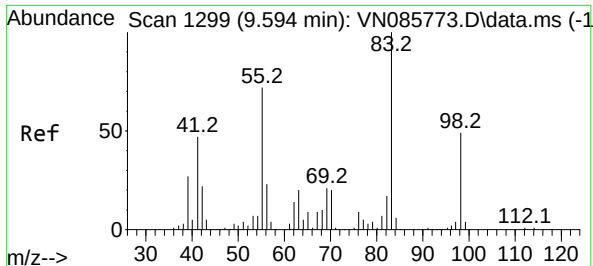
Ion Ratio Lower Upper

117 100

119 95.3 73.8 110.6

121 32.6 24.3 36.5





#39

Methylcyclohexane

Concen: 48.347 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085952.D

Acq: 11 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 131775

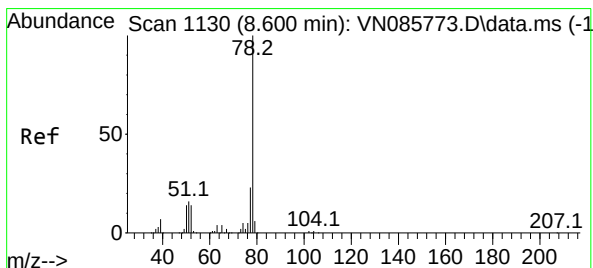
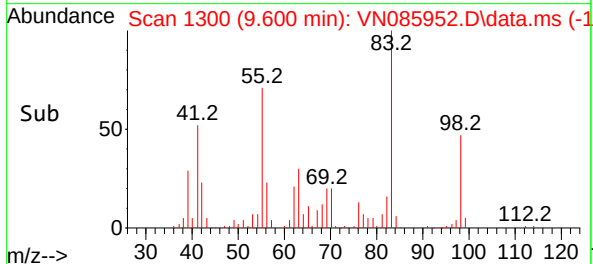
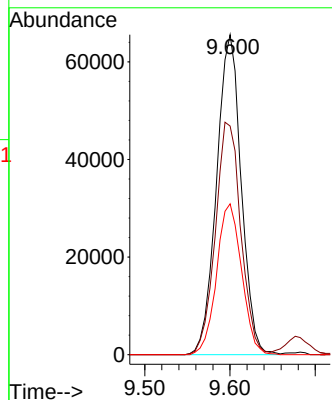
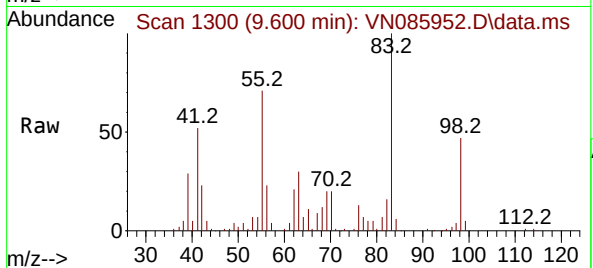
Ion	Ratio	Lower	Upper
83	100		
55	71.5	57.5	86.3
98	47.2	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#40

Benzene

Concen: 47.954 ug/l

RT: 8.606 min Scan# 1131

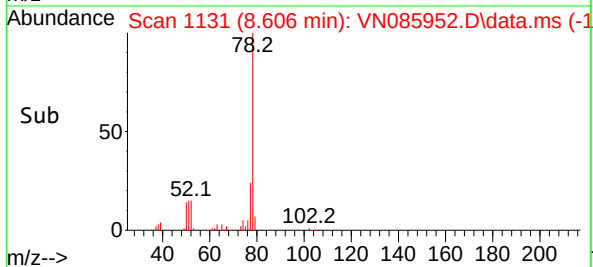
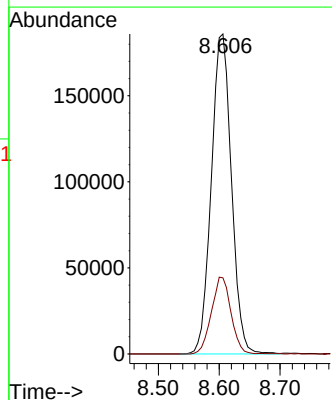
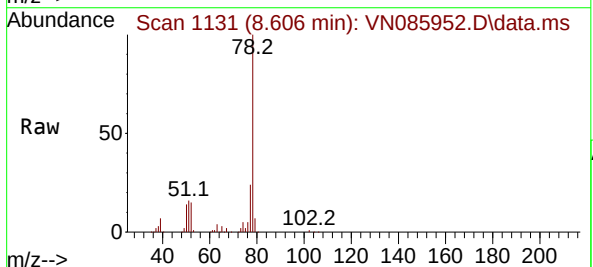
Delta R.T. 0.006 min

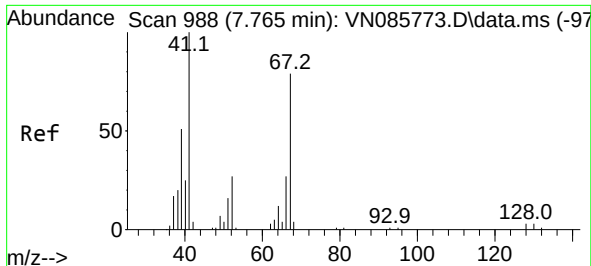
Lab File: VN085952.D

Acq: 11 Mar 2025 23:29

Tgt Ion: 78 Resp: 426416

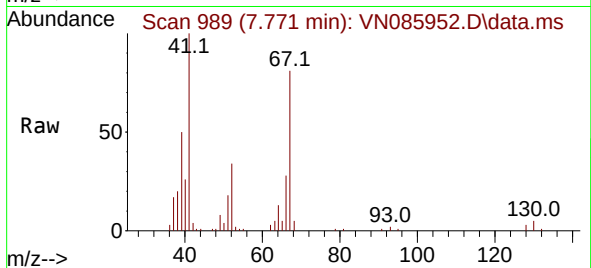
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.3	27.5





#41
Methacrylonitrile
Concen: 48.110 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

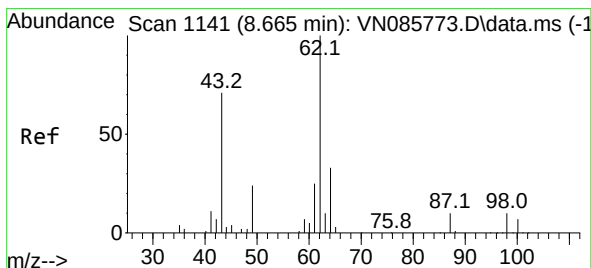
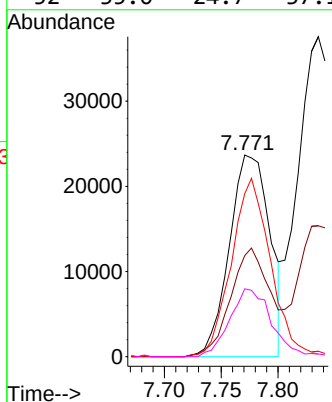
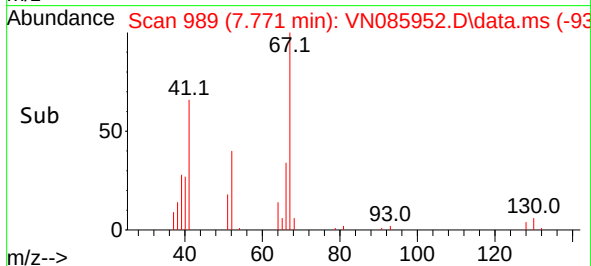
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 58720
Ion Ratio Lower Upper
41 100
39 51.0 42.0 63.0
67 85.8 64.2 96.4
52 35.0 24.7 37.1

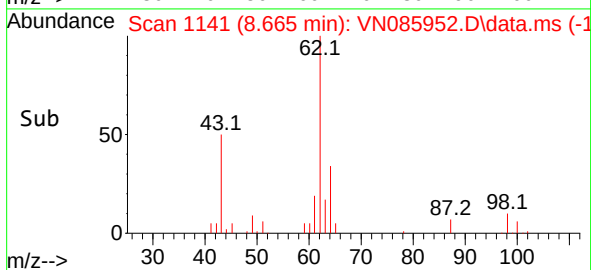
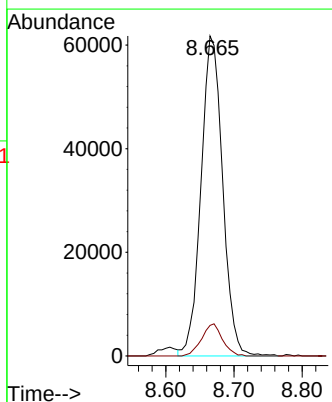
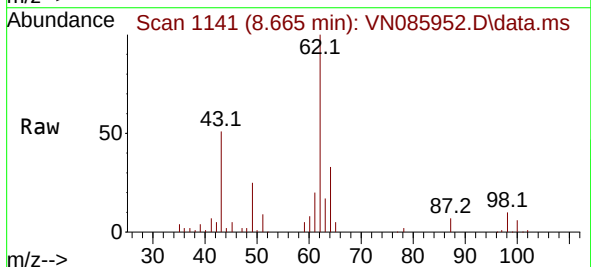
Manual Integrations
APPROVED

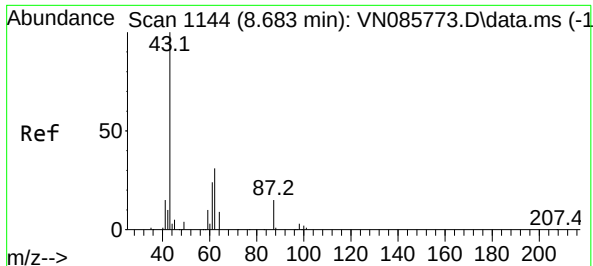
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#42
1,2-Dichloroethane
Concen: 47.108 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

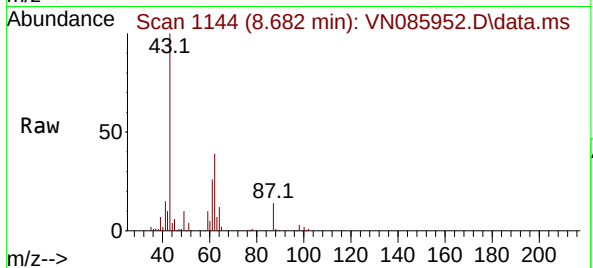
Tgt Ion: 62 Resp: 136444
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.6





#43
Isopropyl Acetate
Concen: 52.449 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

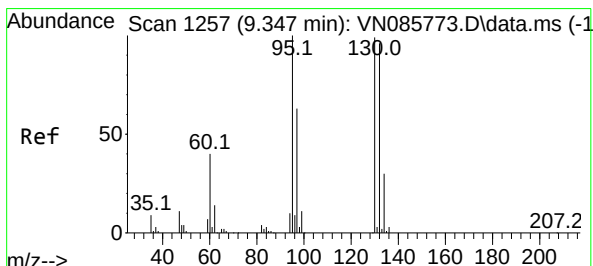
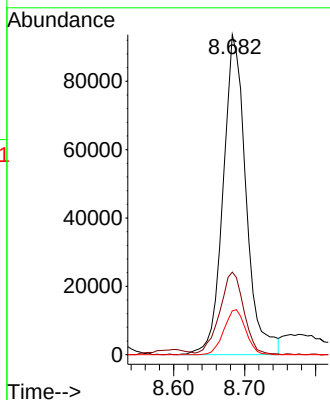
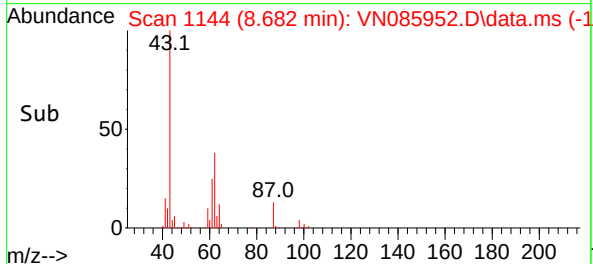
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 210054
Ion Ratio Lower Upper
43 100
61 27.3 22.6 34.0
87 13.3 11.8 17.8

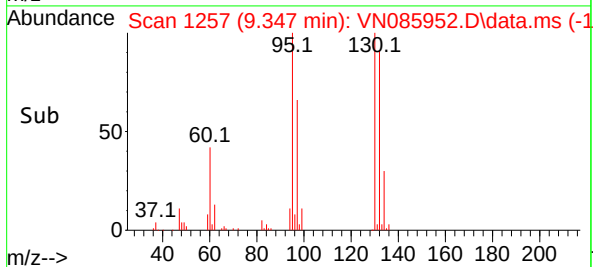
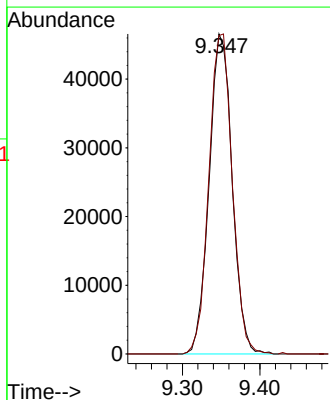
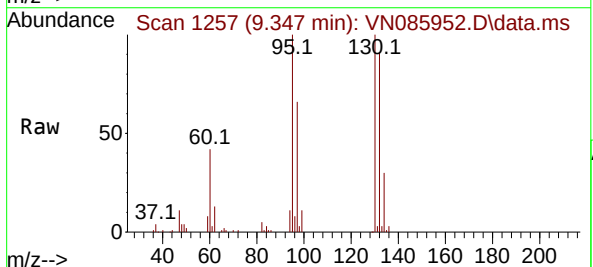
Manual Integrations
APPROVED

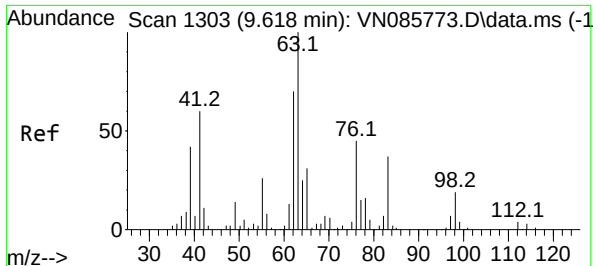
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#44
Trichloroethene
Concen: 44.083 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

Tgt Ion:130 Resp: 96246
Ion Ratio Lower Upper
130 100
95 99.5 0.0 202.6





#45

1,2-Dichloropropane

Concen: 47.472 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085952.D

Acq: 11 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 101894

Ion Ratio Lower Upper

63 100

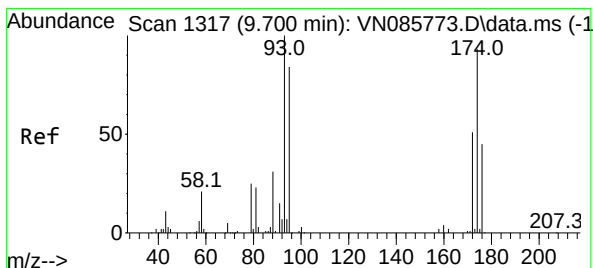
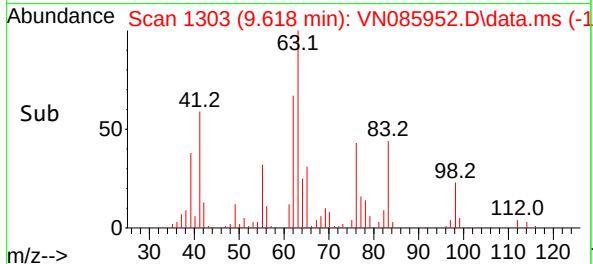
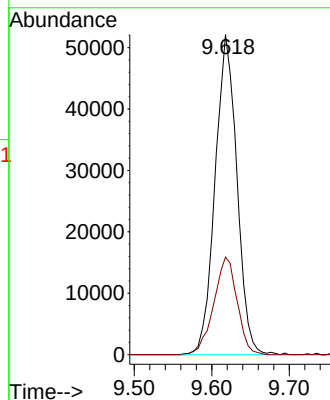
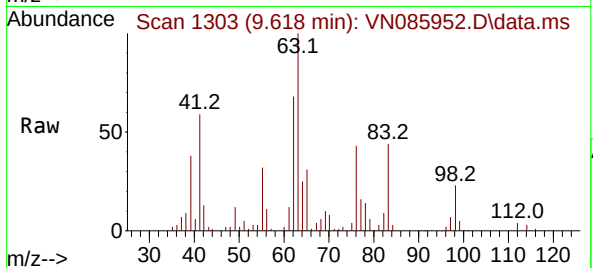
65 30.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#46

Dibromomethane

Concen: 47.314 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085952.D

Acq: 11 Mar 2025 23:29

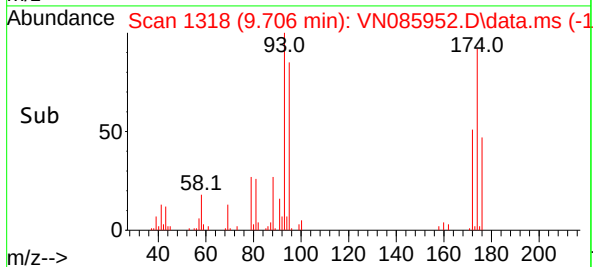
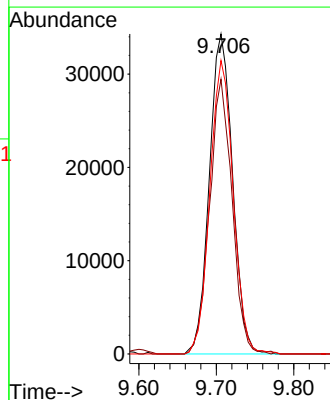
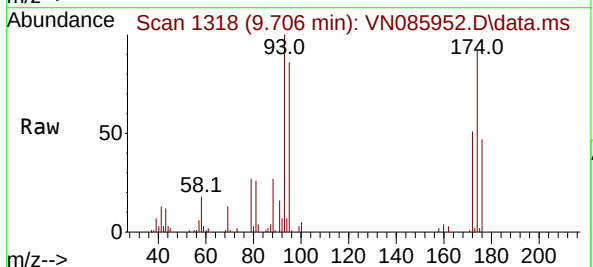
Tgt Ion: 93 Resp: 71633

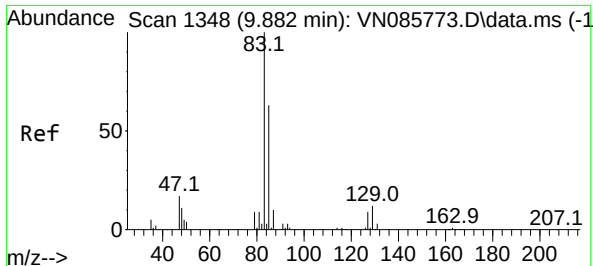
Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

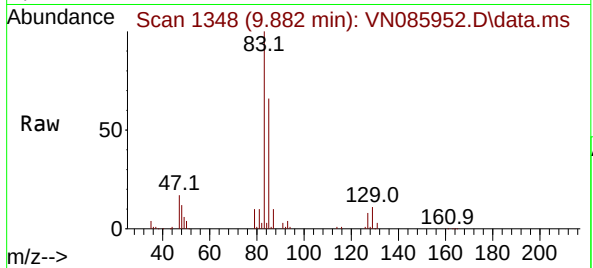
174 91.9 77.2 115.8





#47
Bromodichloromethane
Concen: 46.240 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

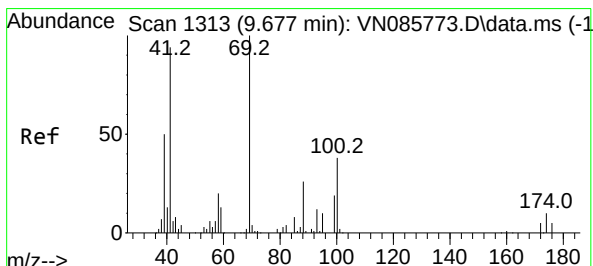
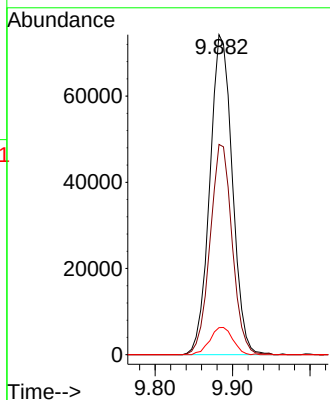
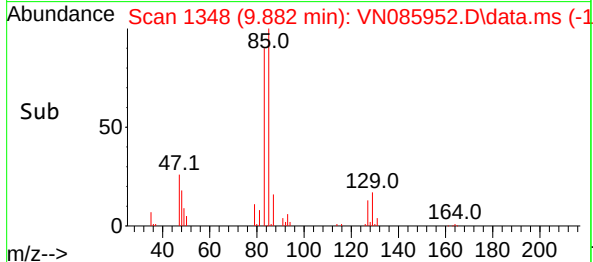
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 149779
Ion Ratio Lower Upper
83 100
85 65.7 50.5 75.7
127 8.4 7.2 10.8

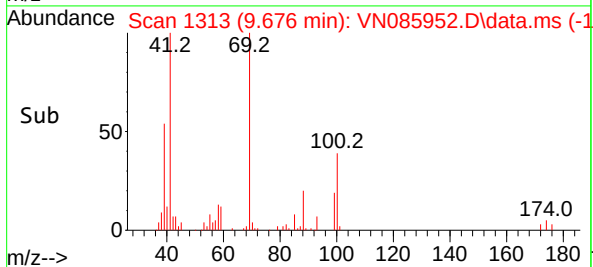
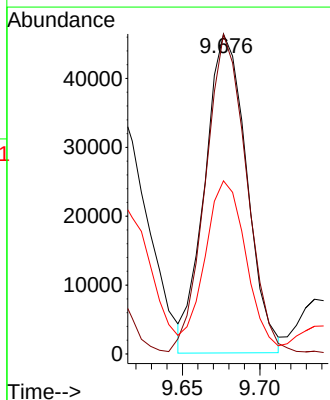
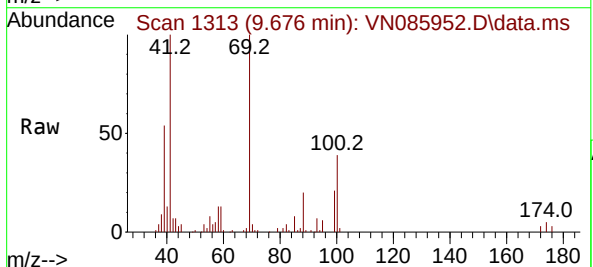
Manual Integrations
APPROVED

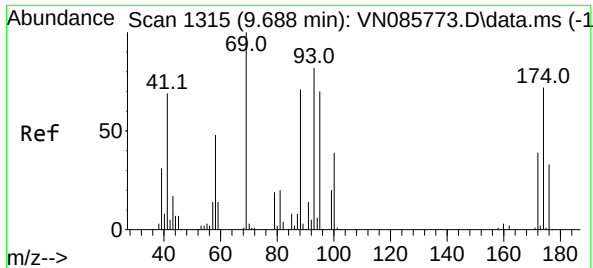
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#48
Methyl methacrylate
Concen: 51.077 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

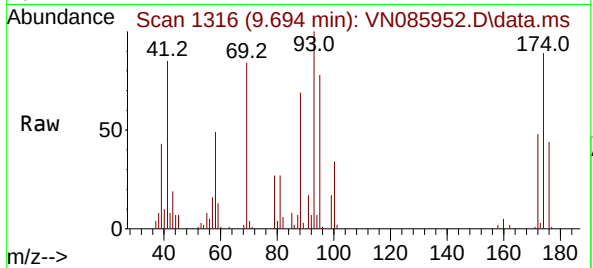
Tgt Ion: 41 Resp: 86607
Ion Ratio Lower Upper
41 100
69 97.7 76.0 114.0
39 54.3 42.3 63.5





#49
 1,4-Dioxane
 Concen: 1063.813 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. 0.006 min
 Lab File: VN085952.D
 Acq: 11 Mar 2025 23:29

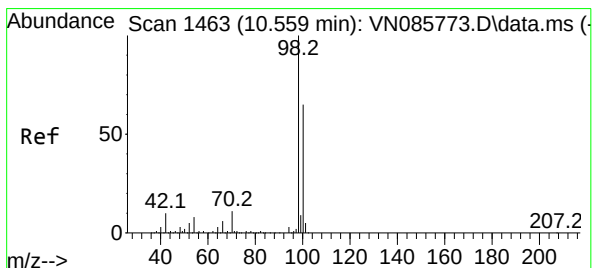
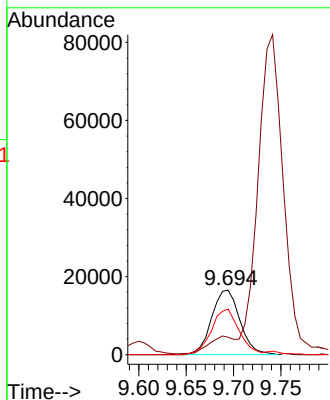
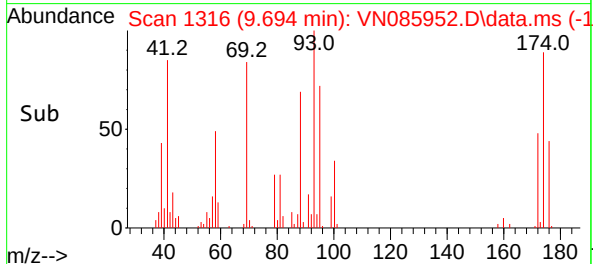
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



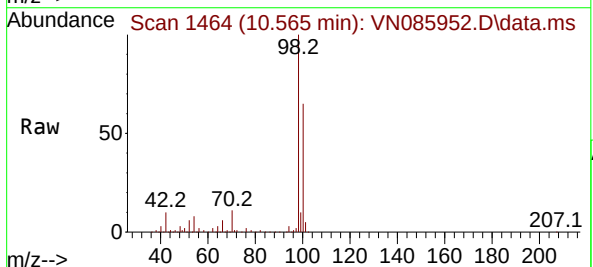
Tgt Ion: 88 Resp: 34302
 Ion Ratio Lower Upper
 88 100
 43 24.0 18.6 27.8
 58 69.1 56.7 85.1

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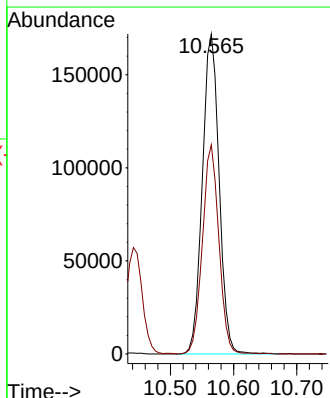
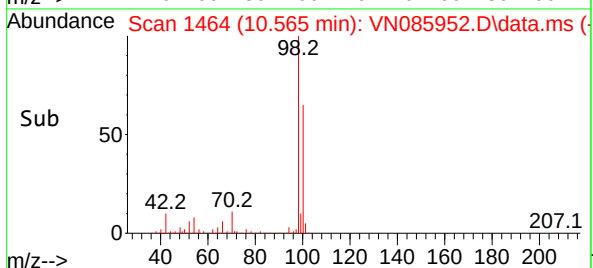
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025

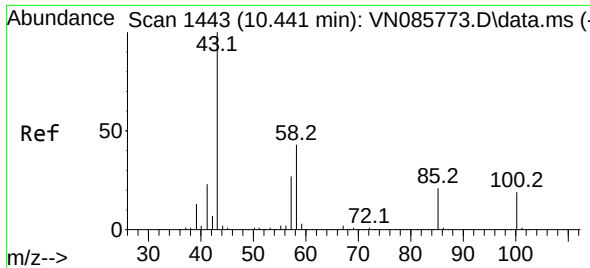


#50
 Toluene-d8
 Concen: 44.334 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. 0.006 min
 Lab File: VN085952.D
 Acq: 11 Mar 2025 23:29



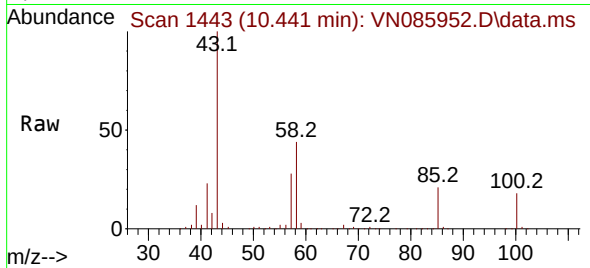
Tgt Ion: 98 Resp: 316204
 Ion Ratio Lower Upper
 98 100
 100 64.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 256.812 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

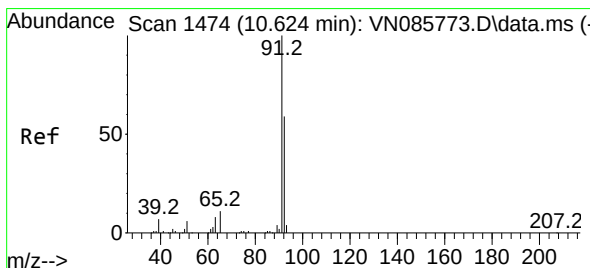
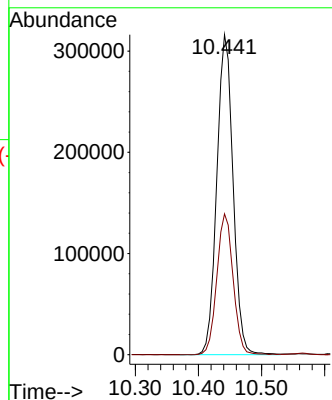
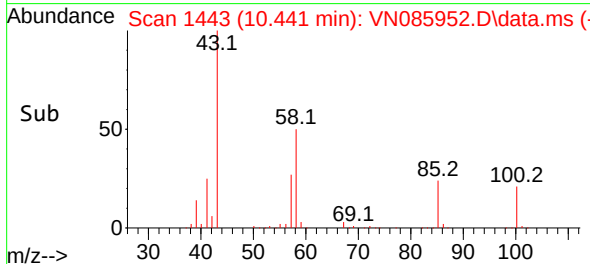
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



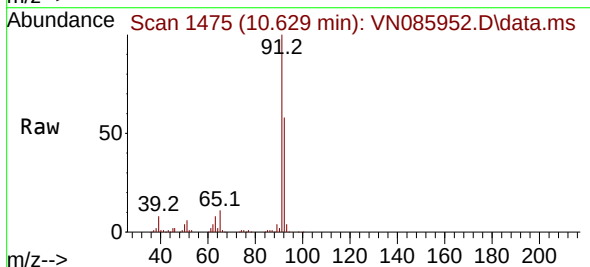
Tgt Ion: 43 Resp: 565318
Ion Ratio Lower Upper
43 100
58 44.1 34.6 52.0

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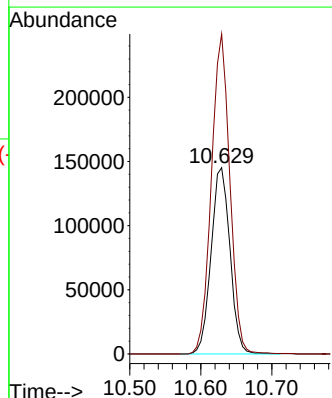
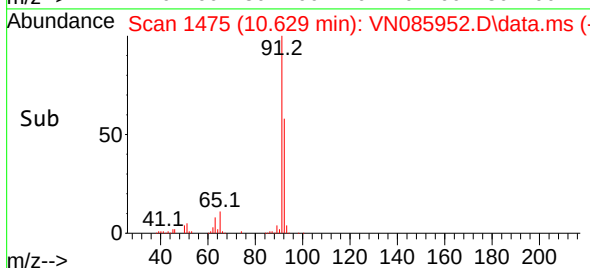
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

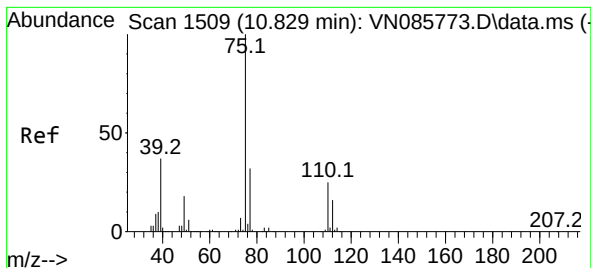


#52
Toluene
Concen: 51.326 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29



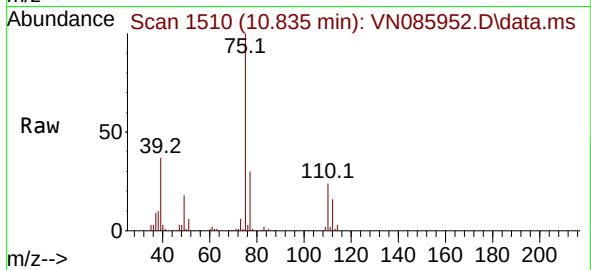
Tgt Ion: 92 Resp: 267537
Ion Ratio Lower Upper
92 100
91 168.4 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 49.491 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

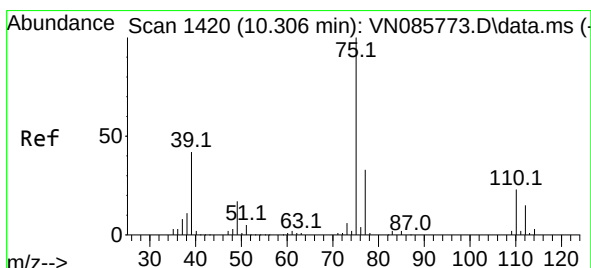
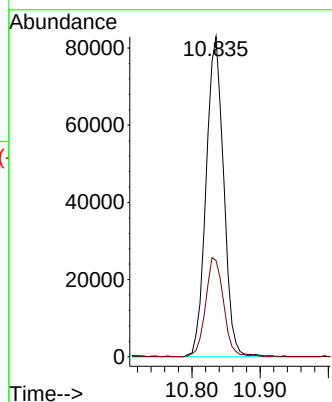
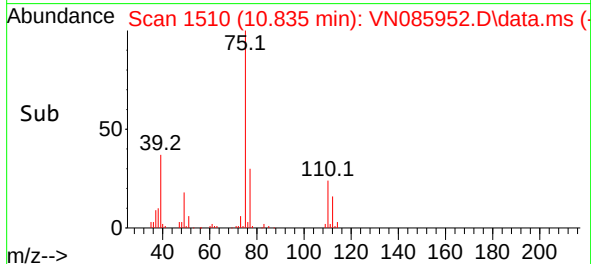
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 148234
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0

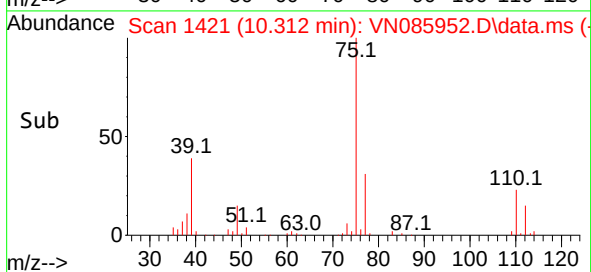
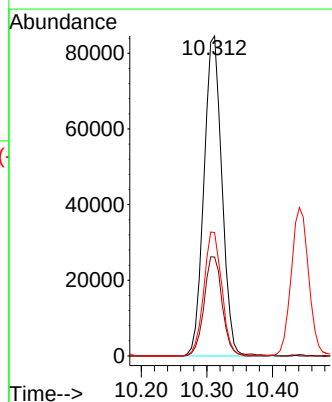
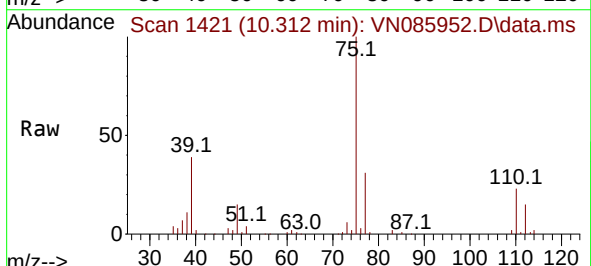
Manual Integrations
APPROVED

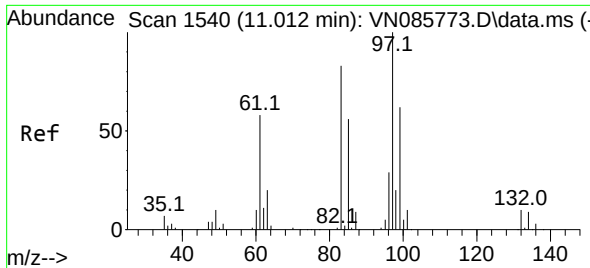
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#54
cis-1,3-Dichloropropene
Concen: 49.187 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

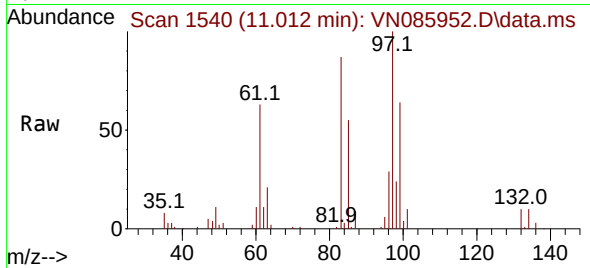
Tgt Ion: 75 Resp: 161551
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
39 38.6 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 46.325 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

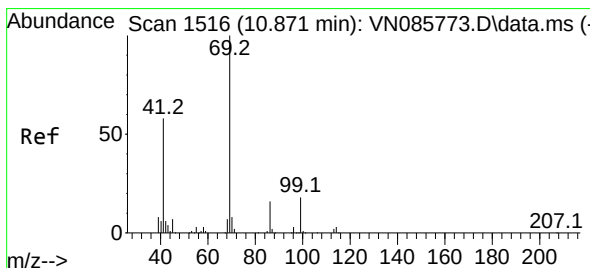
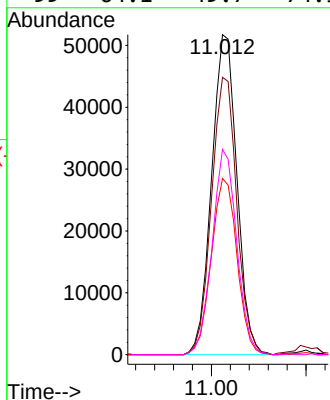
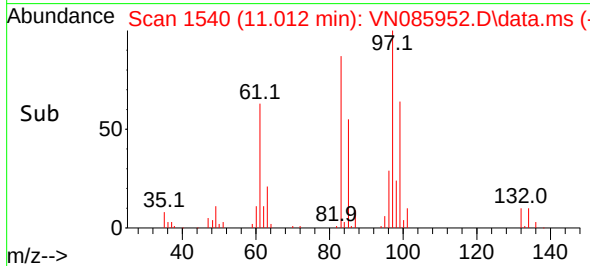
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



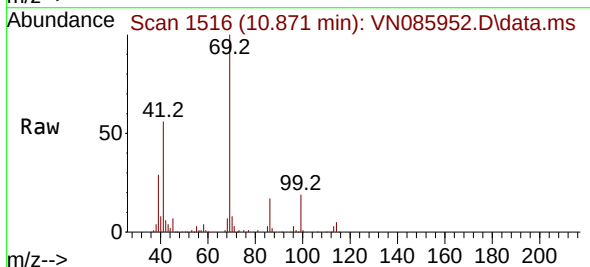
Tgt Ion:	97	Resp:	9600
Ion Ratio	100	Lower	Upper
97	100		
83	86.7	66.1	99.1
85	55.0	44.7	67.1
99	64.1	49.7	74.5

Manual Integrations
APPROVED

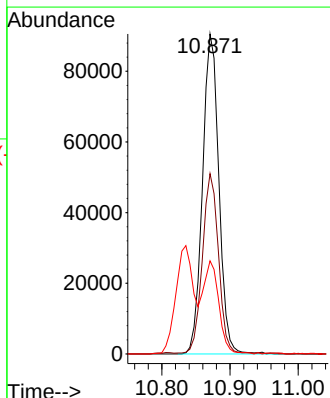
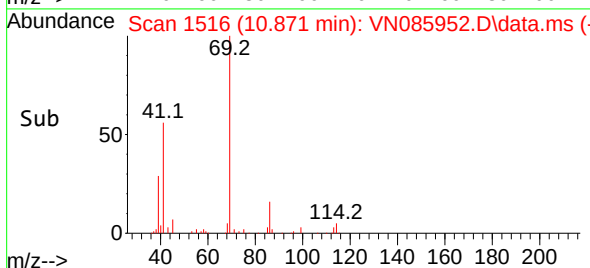
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

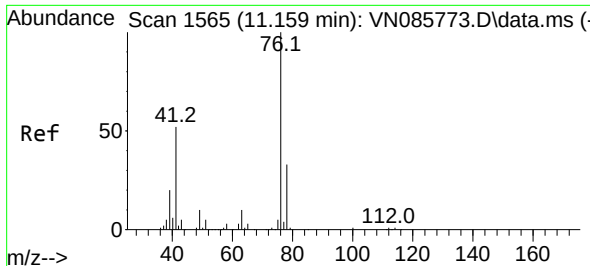


#56
Ethyl methacrylate
Concen: 50.608 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29



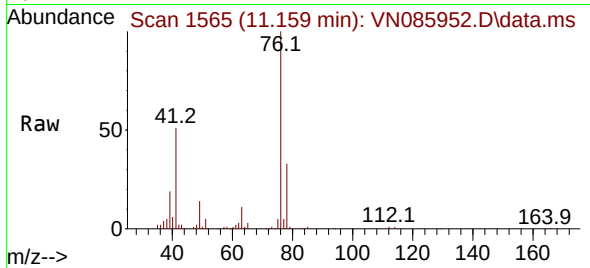
Tgt Ion:	69	Resp:	151026
Ion Ratio	100	Lower	Upper
69	100		
41	55.0	46.0	69.0
39	28.0	22.0	33.0





#57
1,3-Dichloropropane
Concen: 48.532 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

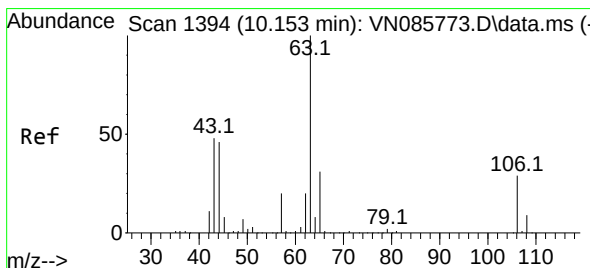
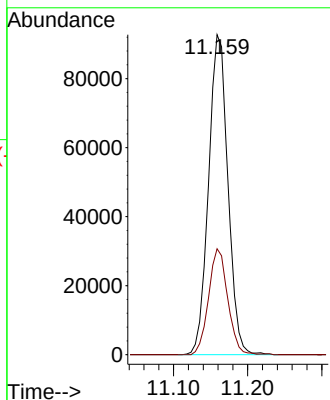
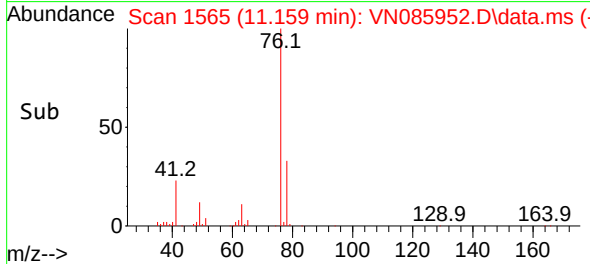
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 16790
Ion Ratio Lower Upper
76 100
78 32.8 25.9 38.9

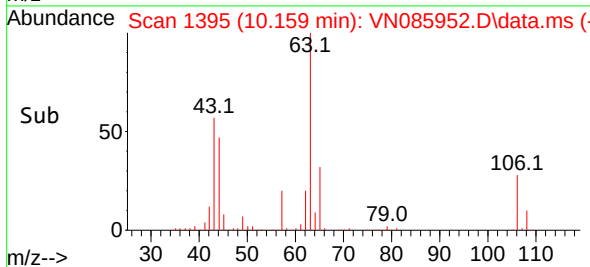
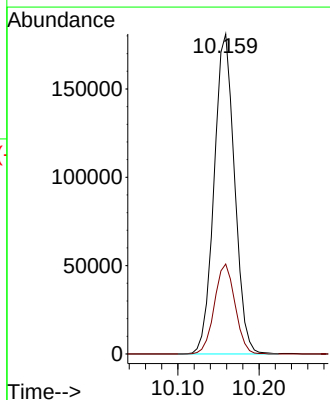
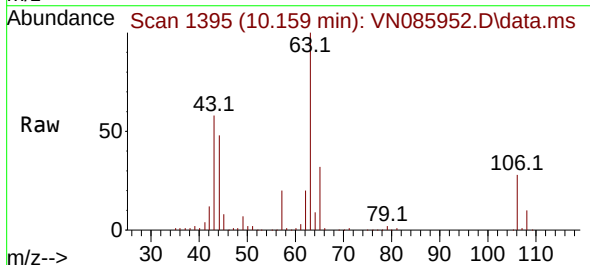
Manual Integrations
APPROVED

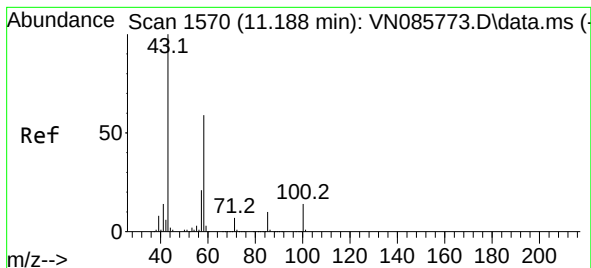
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#58
2-Chloroethyl Vinyl ether
Concen: 267.418 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

Tgt Ion: 63 Resp: 317507
Ion Ratio Lower Upper
63 100
106 28.3 22.7 34.1





#59

2-Hexanone

Concen: 268.312 ug/l

RT: 11.194 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VN085952.D

Acq: 11 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 40632

Ion Ratio Lower Upper

43 100

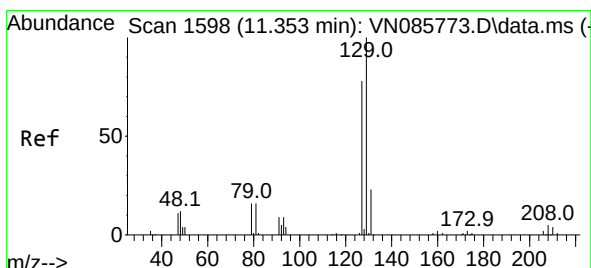
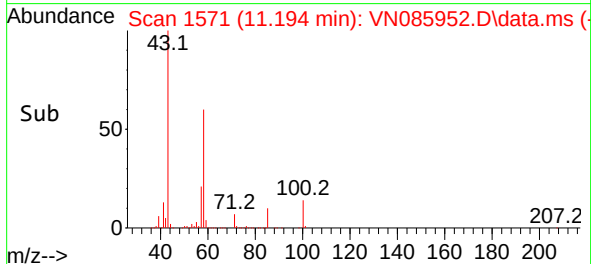
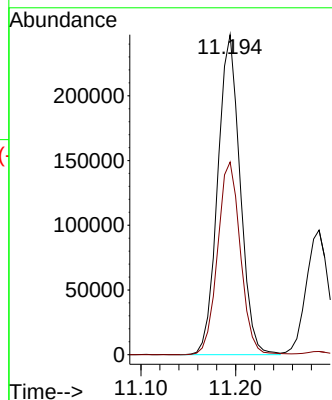
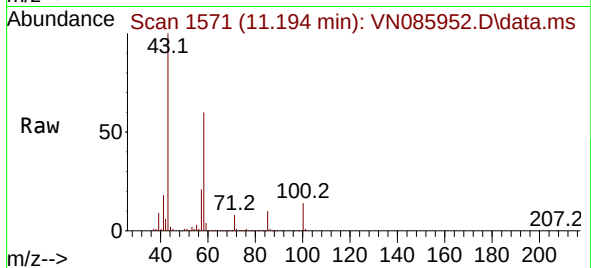
58 61.2 29.8 89.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#60

Dibromochloromethane

Concen: 49.089 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.006 min

Lab File: VN085952.D

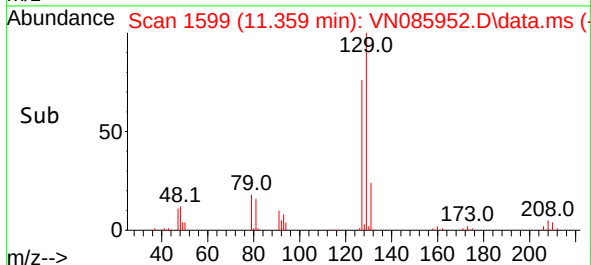
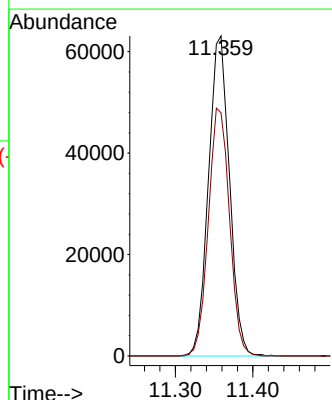
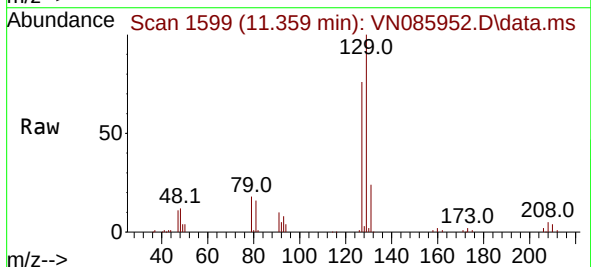
Acq: 11 Mar 2025 23:29

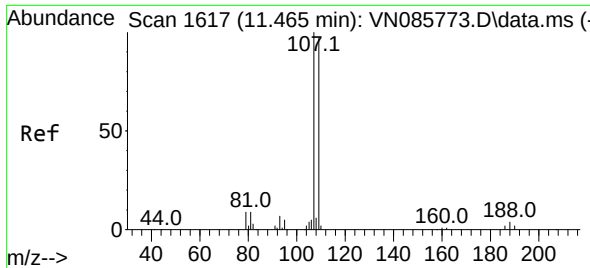
Tgt Ion:129 Resp: 118463

Ion Ratio Lower Upper

129 100

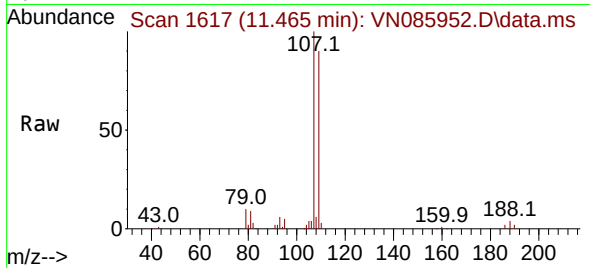
127 78.1 39.1 117.5





#61
1,2-Dibromoethane
Concen: 49.002 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

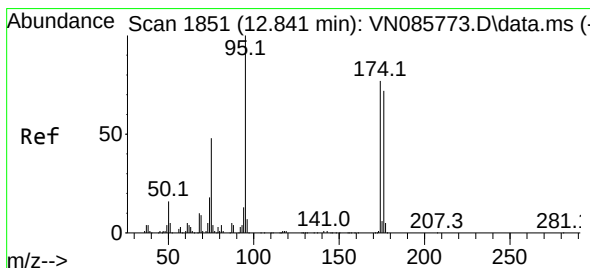
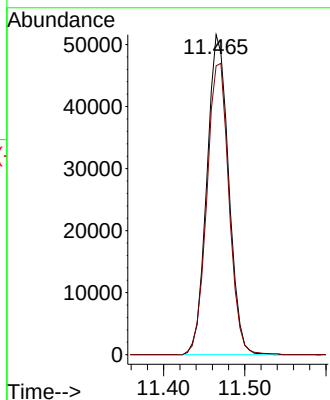
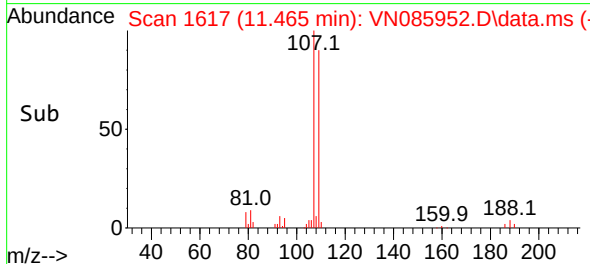
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



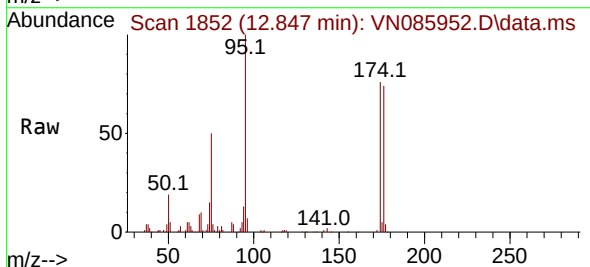
Tgt Ion:107 Resp: 95952
Ion Ratio Lower Upper
107 100
109 92.7 76.0 114.0

Manual Integrations
APPROVED

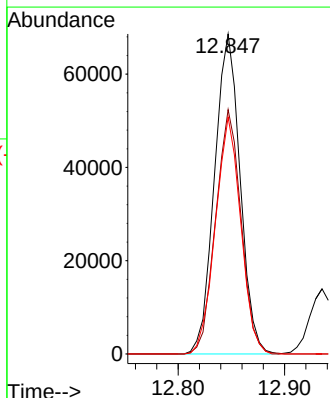
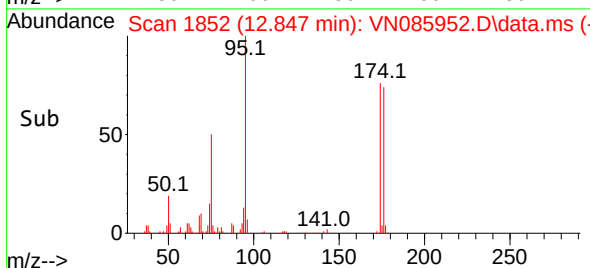
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

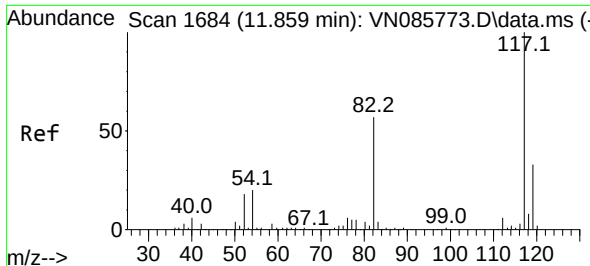


#62
4-Bromofluorobenzene
Concen: 48.702 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29



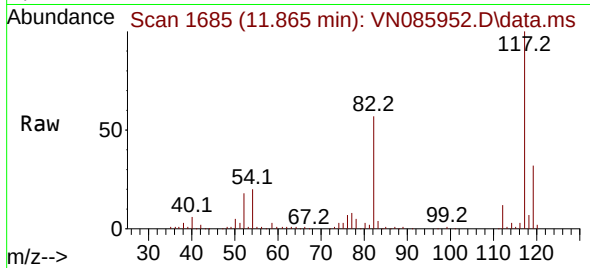
Tgt Ion: 95 Resp: 114447
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.4
176 73.1 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

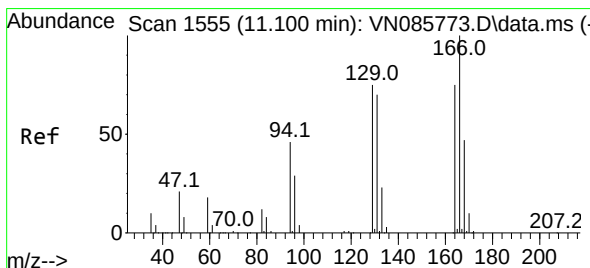
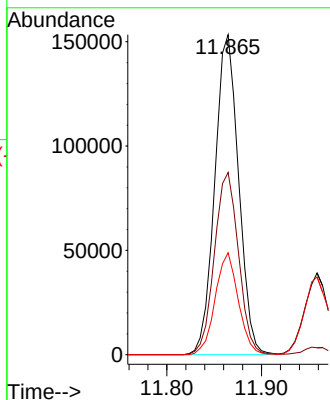
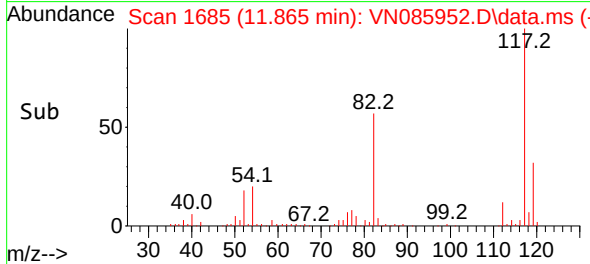
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 267934
Ion Ratio Lower Upper
117 100
82 57.0 45.7 68.5
119 31.8 26.2 39.2

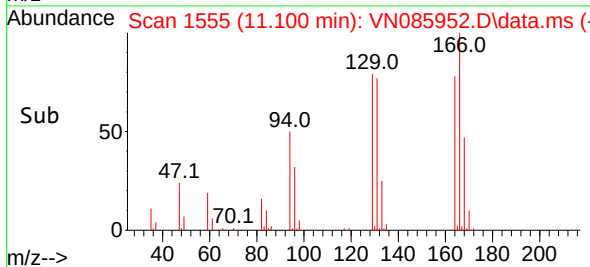
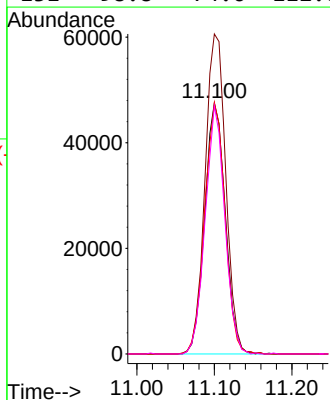
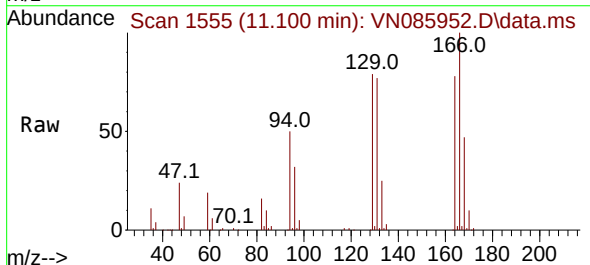
Manual Integrations
APPROVED

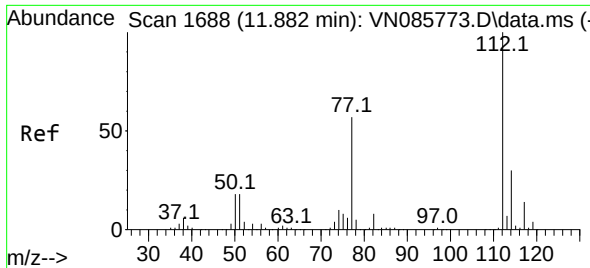
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#64
Tetrachloroethene
Concen: 42.253 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

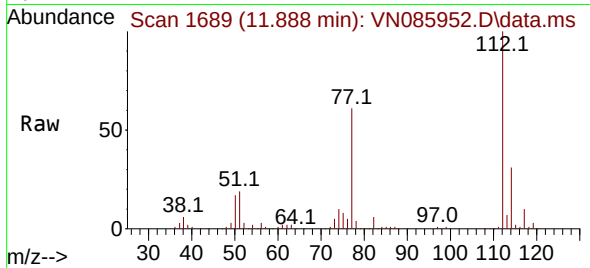
Tgt Ion:164 Resp: 87704
Ion Ratio Lower Upper
164 100
166 127.5 107.2 160.8
129 100.3 80.7 121.1
131 98.8 74.6 112.0





#65
Chlorobenzene
Concen: 45.717 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

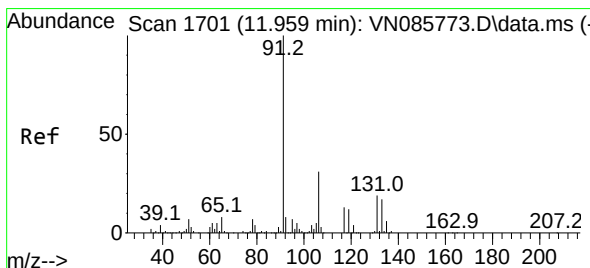
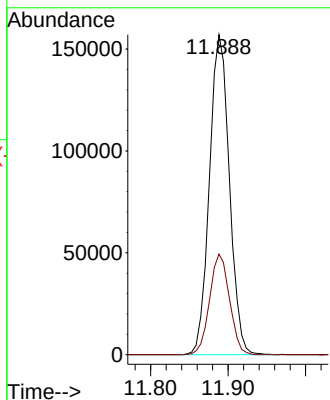
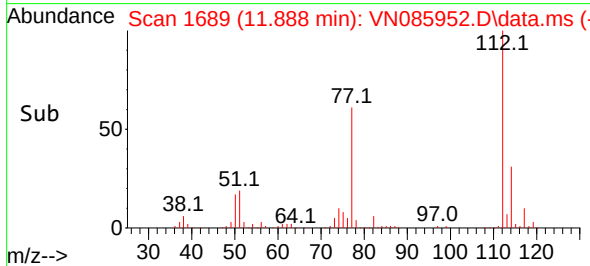
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



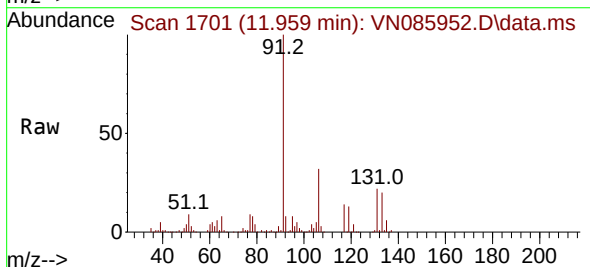
Tgt Ion:112 Resp: 280610
Ion Ratio Lower Upper
112 100
114 31.4 24.3 36.5

Manual Integrations
APPROVED

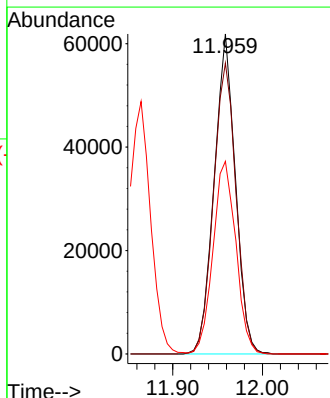
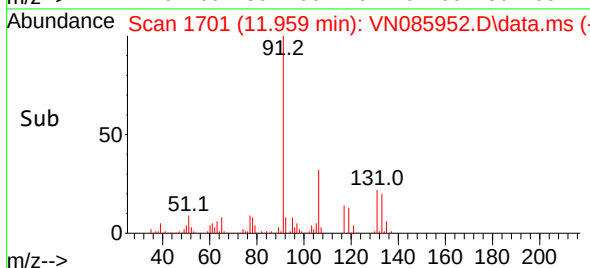
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

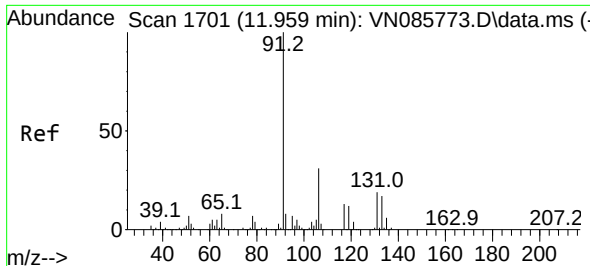


#66
1,1,1,2-Tetrachloroethane
Concen: 46.183 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29



Tgt Ion:131 Resp: 101888
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 64.7 33.3 99.8





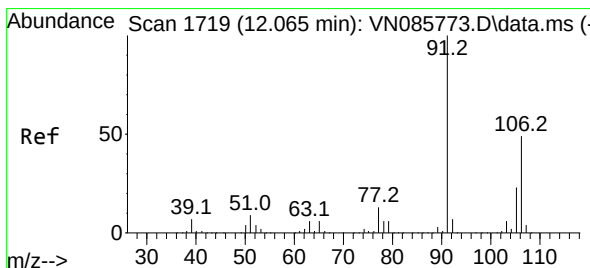
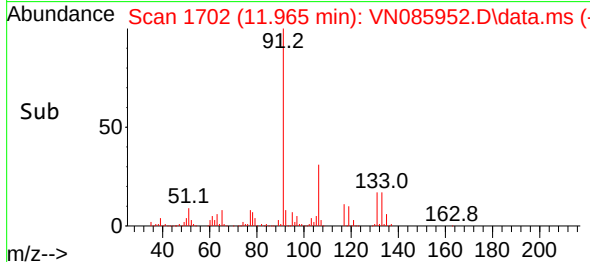
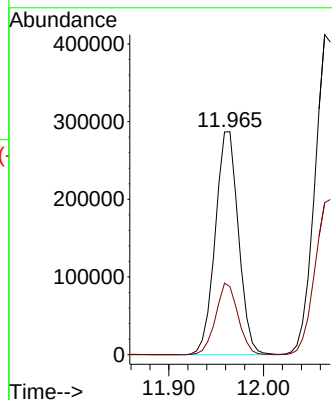
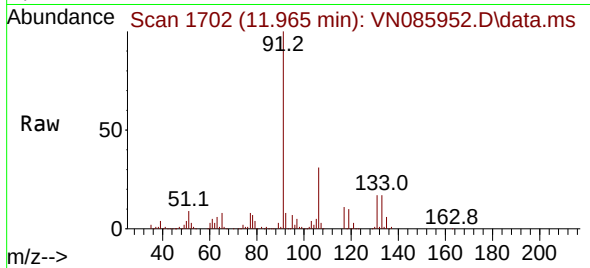
#67
Ethyl Benzene
Concen: 50.970 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 490063
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1

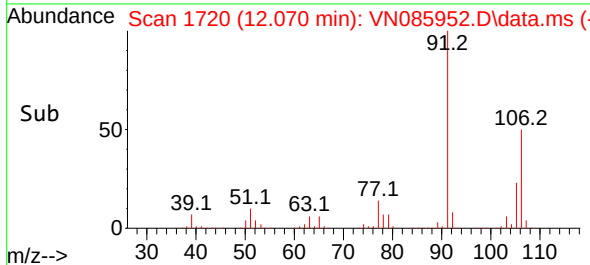
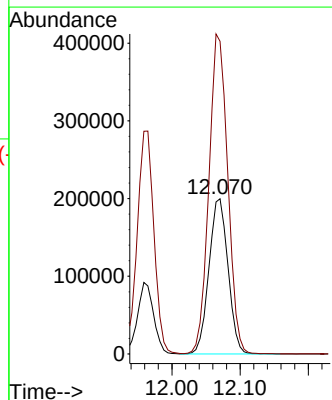
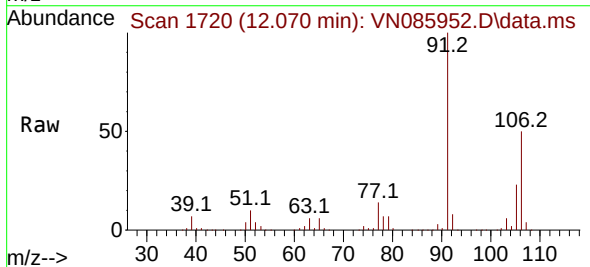
Manual Integrations
APPROVED

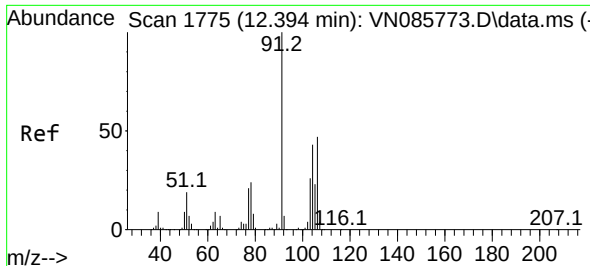
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#68
m/p-Xylenes
Concen: 106.298 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

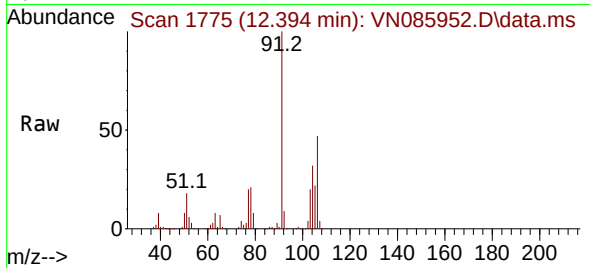
Tgt Ion:106 Resp: 388220
Ion Ratio Lower Upper
106 100
91 203.8 163.3 244.9





#69
o-Xylene
Concen: 52.965 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

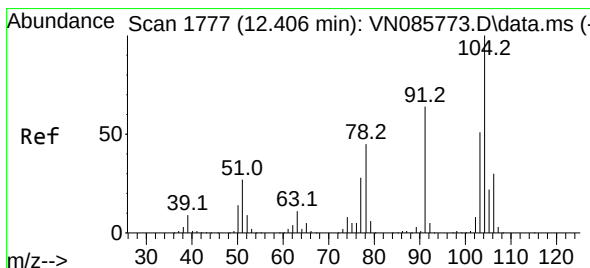
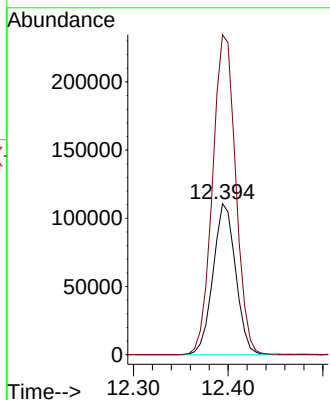
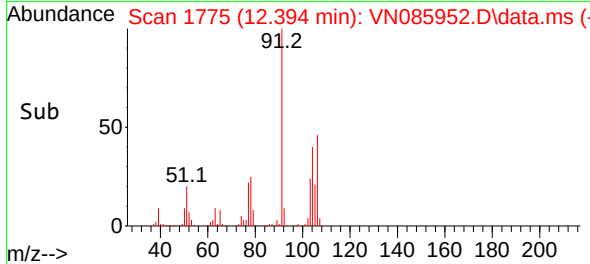
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 183810
Ion Ratio Lower Upper
106 100
91 217.4 107.1 321.4

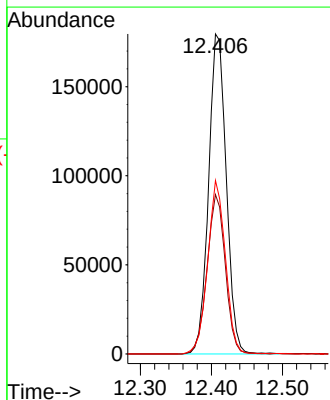
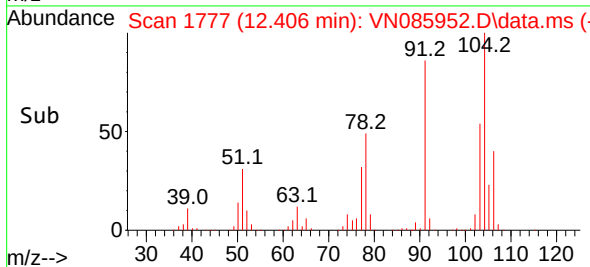
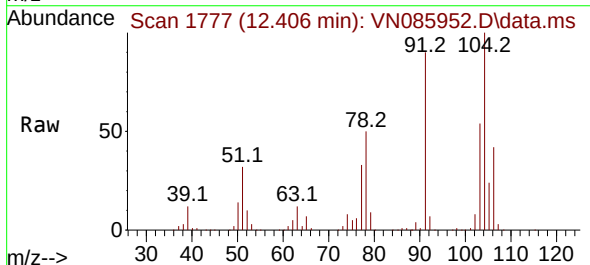
Manual Integrations
APPROVED

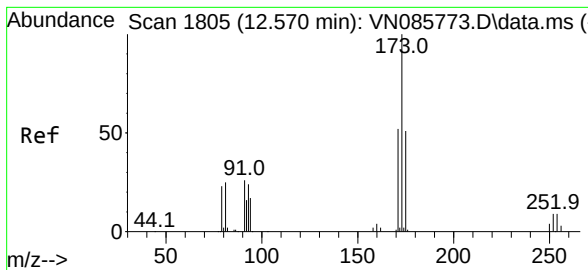
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#70
Styrene
Concen: 48.323 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

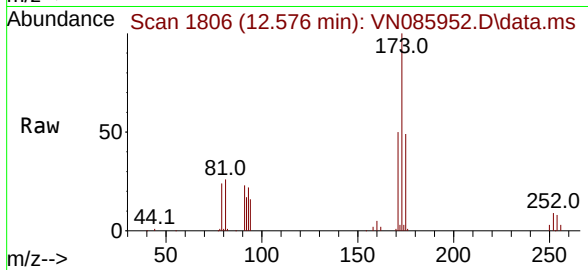
Tgt Ion:104 Resp: 310966
Ion Ratio Lower Upper
104 100
78 51.3 39.0 58.6
103 54.4 43.3 64.9





#71
Bromoform
Concen: 49.656 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

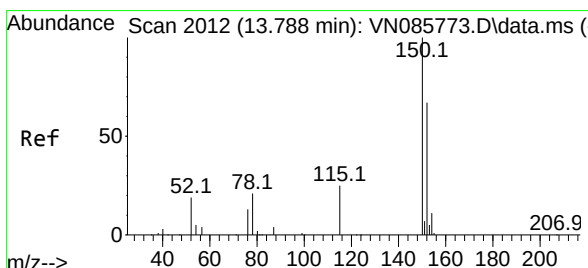
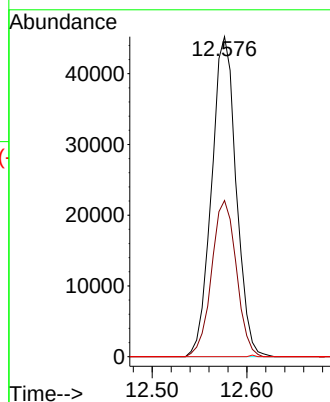
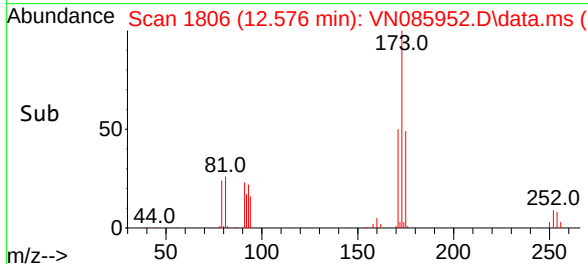
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



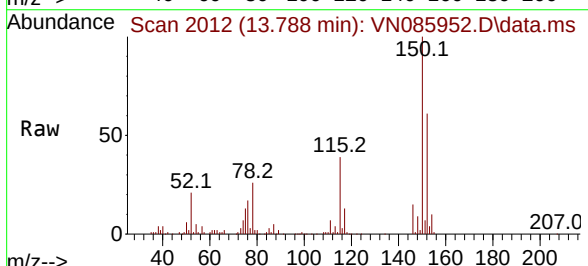
Tgt Ion:173 Resp: 81400
Ion Ratio Lower Upper
173 100
175 49.1 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

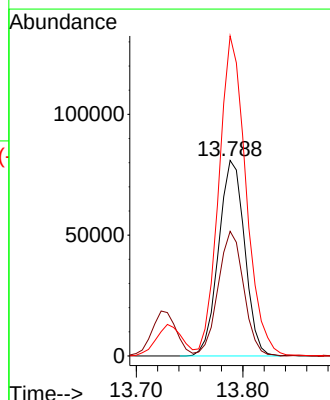
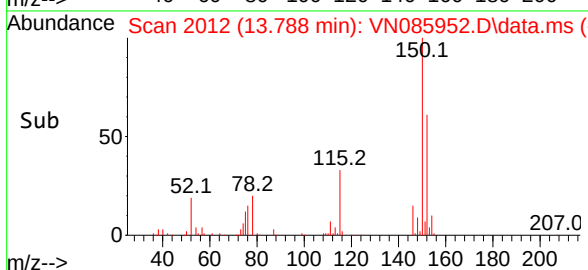
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

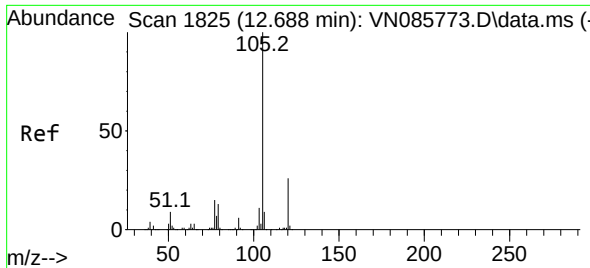


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29



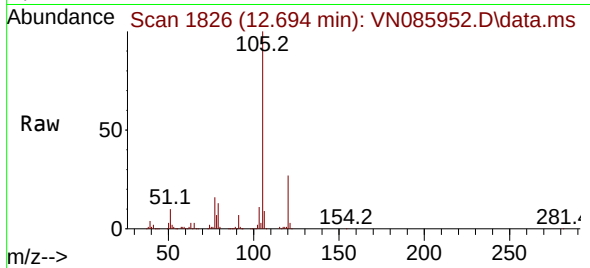
Tgt Ion:152 Resp: 137472
Ion Ratio Lower Upper
152 100
115 62.6 30.4 91.3
150 171.2 0.0 345.4





#73
Isopropylbenzene
Concen: 48.339 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

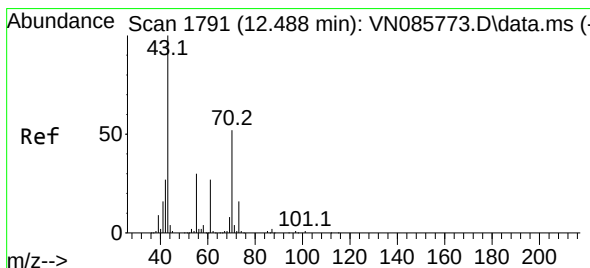
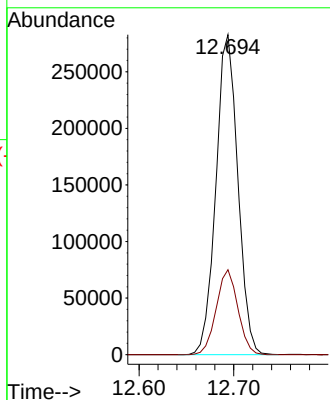
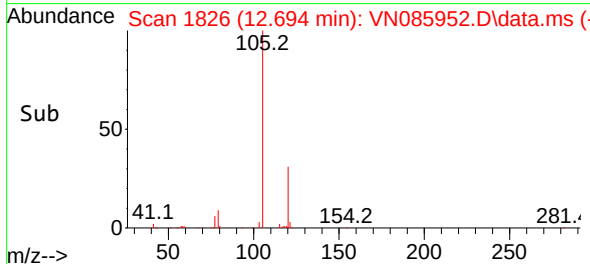
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 455260
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0

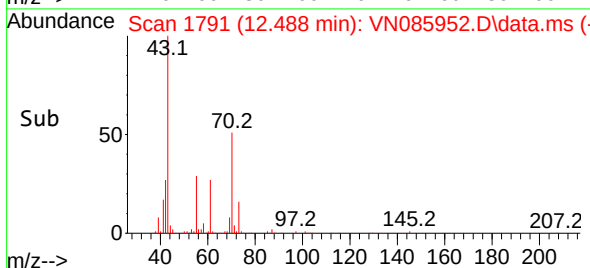
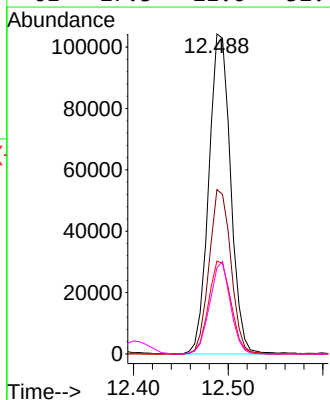
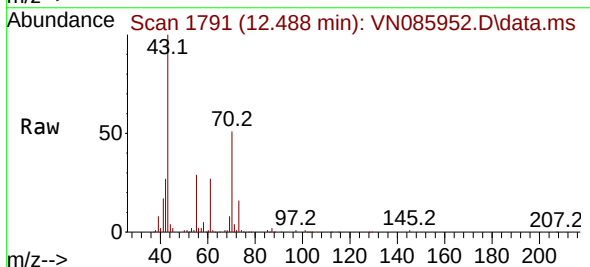
Manual Integrations
APPROVED

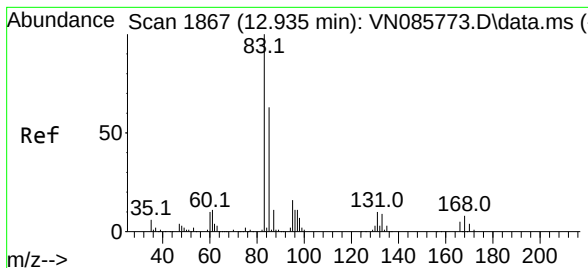
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#74
N-ethyl acetate
Concen: 50.248 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

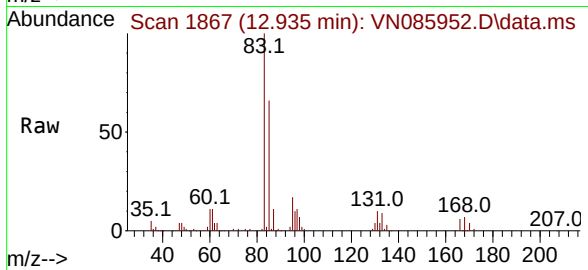
Tgt Ion: 43 Resp: 166886
Ion Ratio Lower Upper
43 100
70 51.2 41.0 61.4
55 29.8 24.6 36.8
61 27.3 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 42.824 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

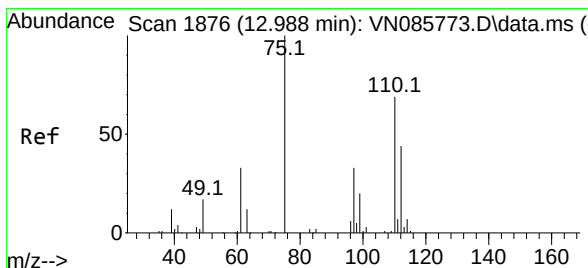
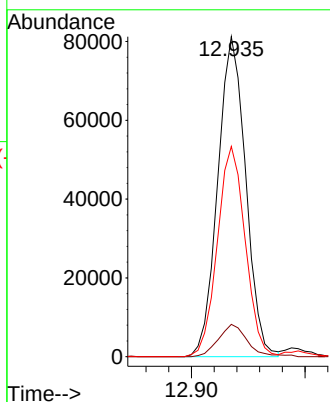
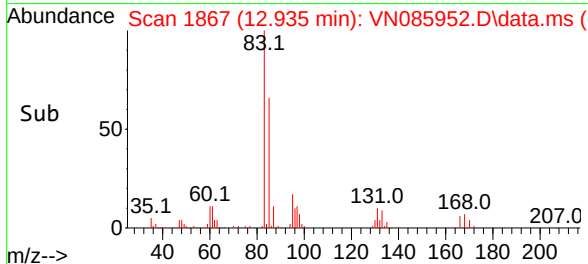
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 138788
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 65.4 32.2 96.6

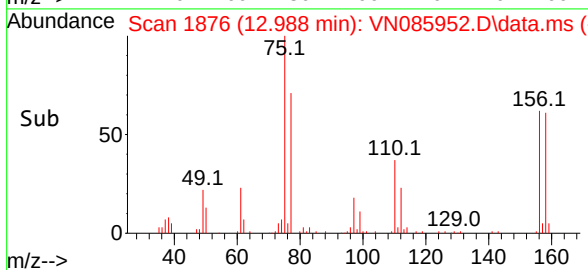
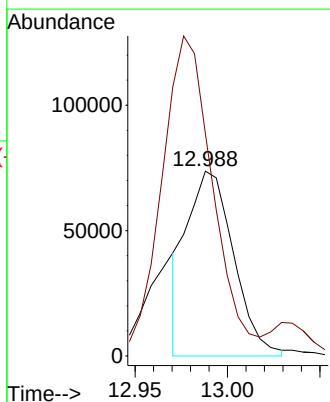
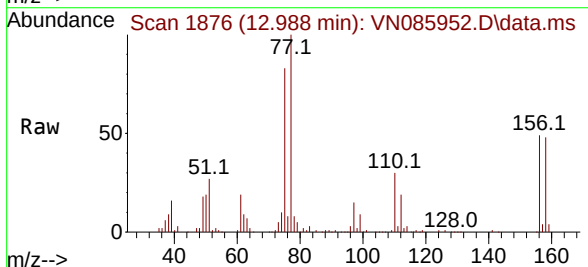
Manual Integrations
APPROVED

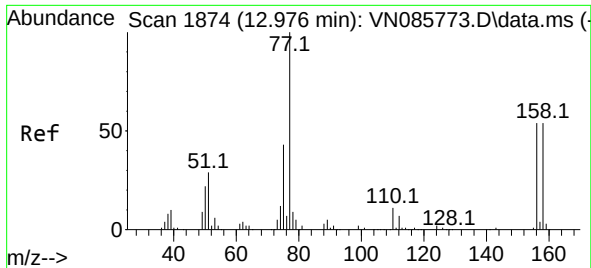
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#76
1,2,3-Trichloropropane
Concen: 42.440 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

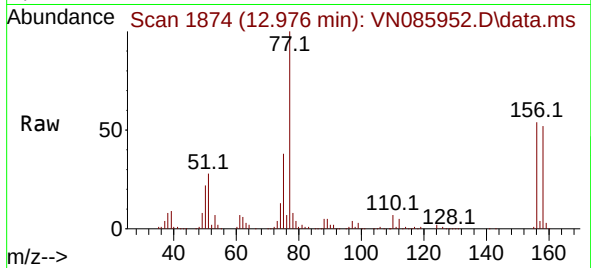
Tgt Ion: 75 Resp: 129601
Ion Ratio Lower Upper
75 100
77 190.2 100.0 300.0





#77
Bromobenzene
Concen: 45.825 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

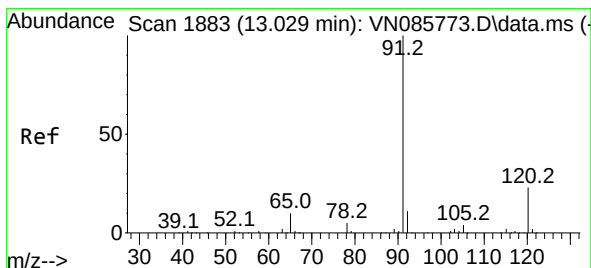
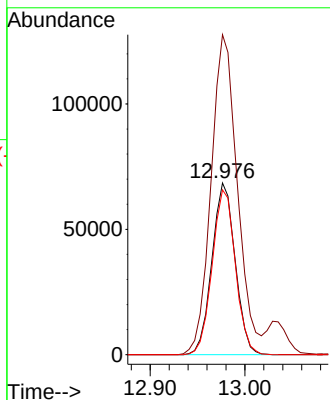
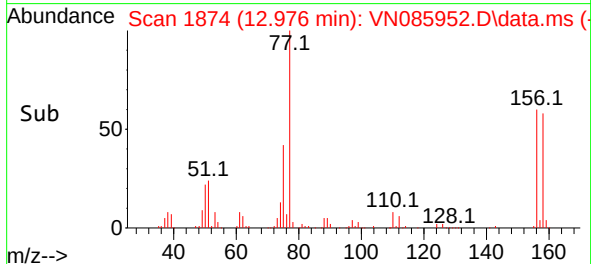
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



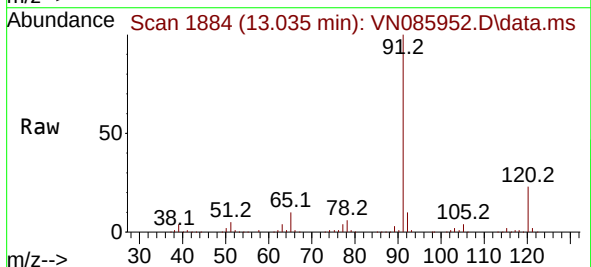
Tgt Ion:156 Resp: 11660
Ion Ratio Lower Upper
156 100
77 211.4 104.1 312.3
158 96.0 48.1 144.4

Manual Integrations
APPROVED

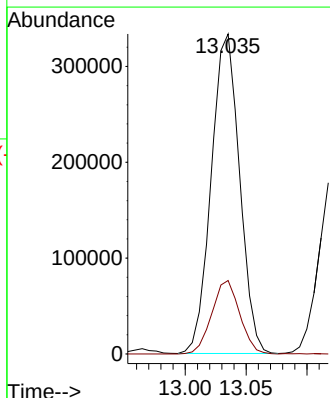
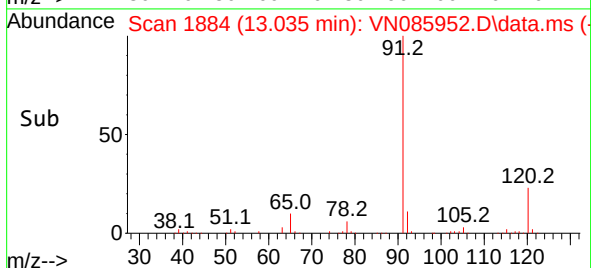
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

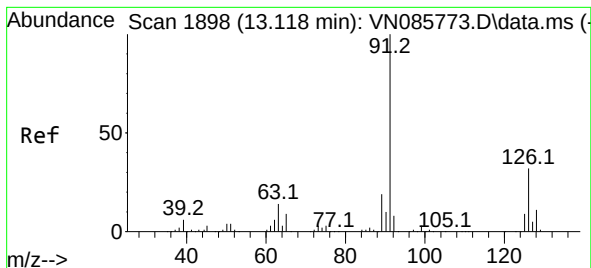


#78
n-propylbenzene
Concen: 50.069 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29



Tgt Ion: 91 Resp: 540050
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8





#79

2-Chlorotoluene

Concen: 47.378 ug/l

RT: 13.123 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VN085952.D

Acq: 11 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 341430

Ion Ratio Lower Upper

91 100

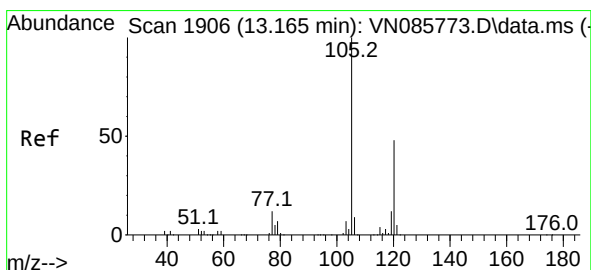
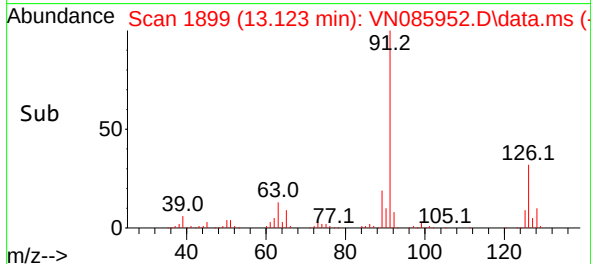
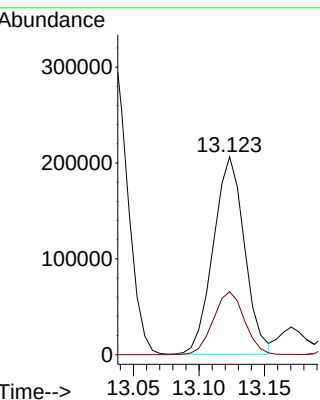
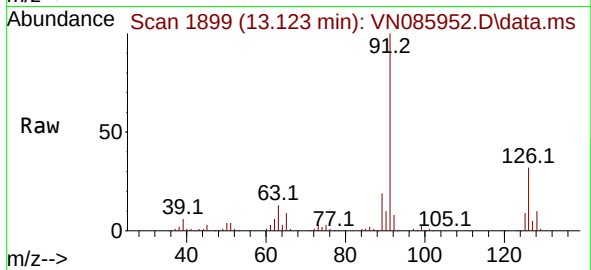
126 31.9 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#80

1,3,5-Trimethylbenzene

Concen: 51.433 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VN085952.D

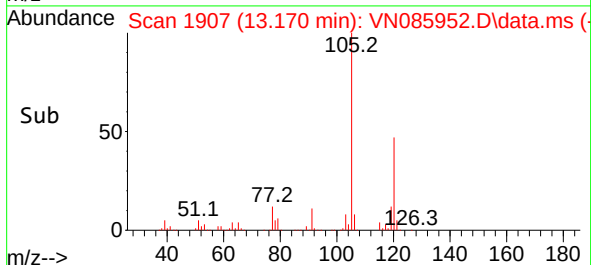
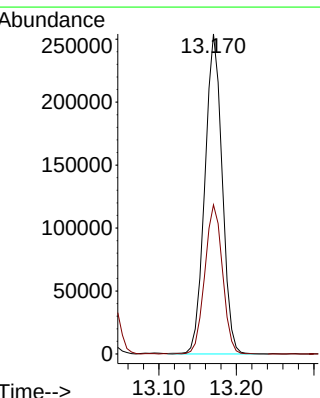
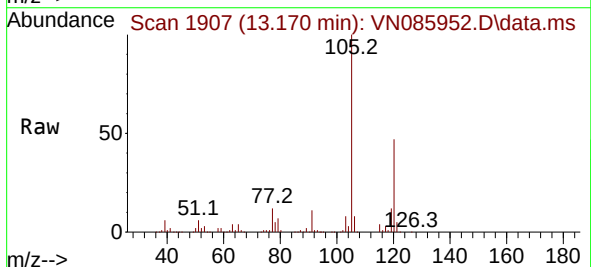
Acq: 11 Mar 2025 23:29

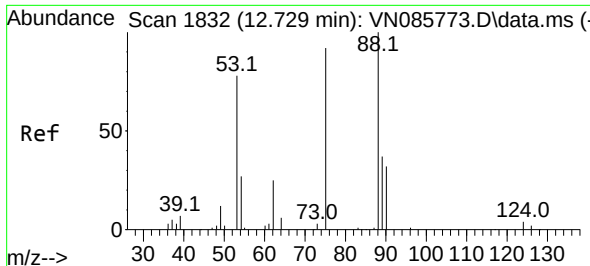
Tgt Ion:105 Resp: 394595

Ion Ratio Lower Upper

105 100

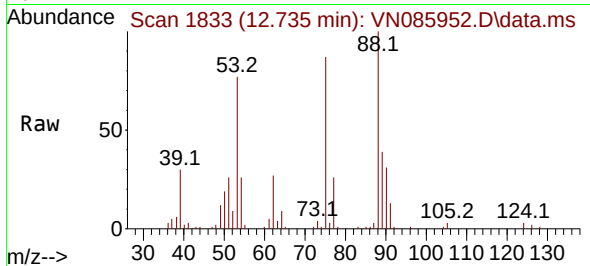
120 47.5 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 45.891 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

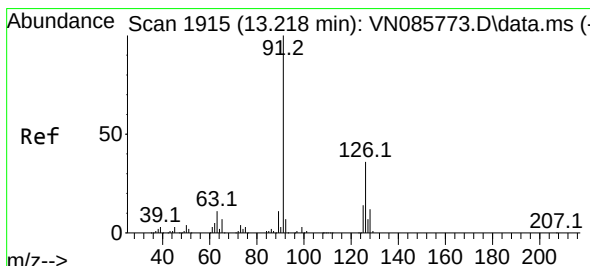
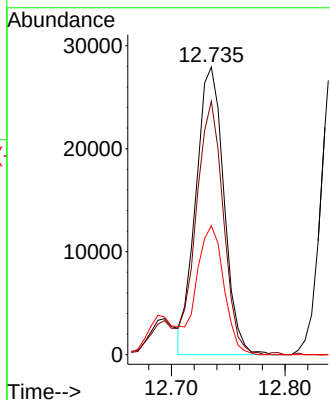
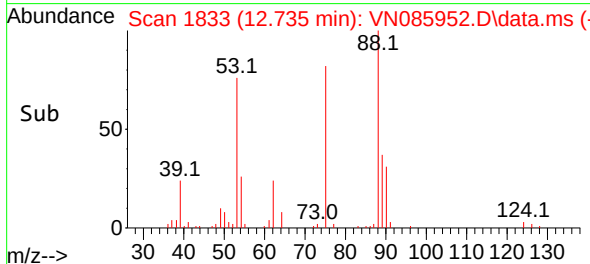
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



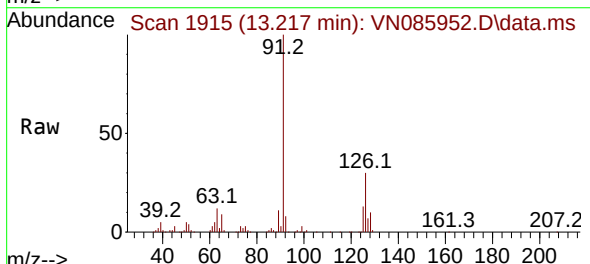
Tgt Ion: 75 Resp: 48029
Ion Ratio Lower Upper
75 100
53 84.9 74.2 111.4
89 42.3 34.9 52.3

Manual Integrations
APPROVED

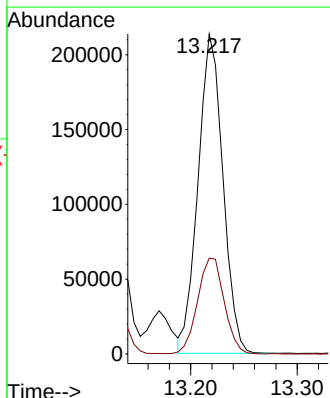
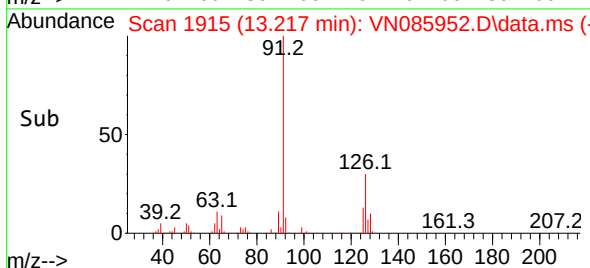
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

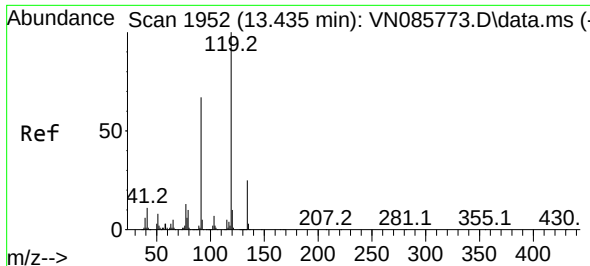


#82
4-Chlorotoluene
Concen: 48.406 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29



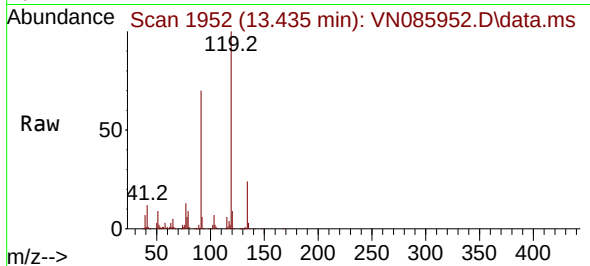
Tgt Ion: 91 Resp: 345831
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 49.794 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085952.D
 Acq: 11 Mar 2025 23:29

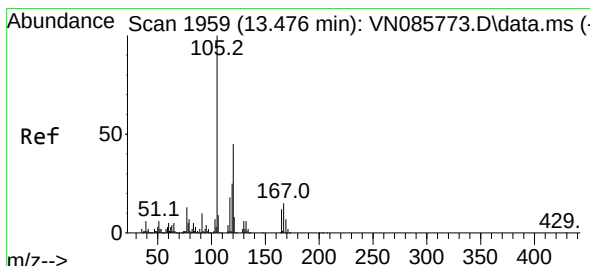
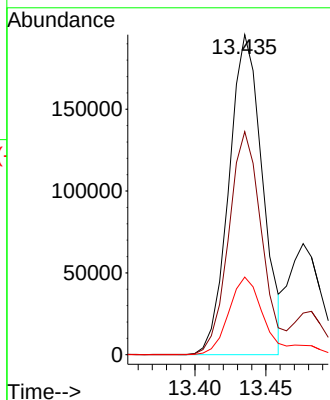
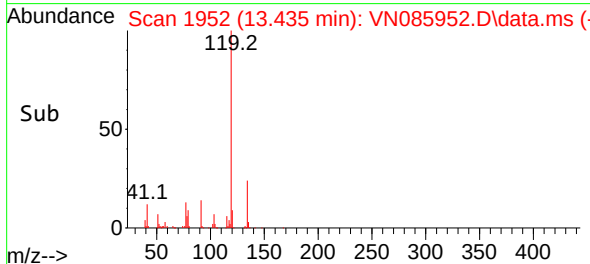
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



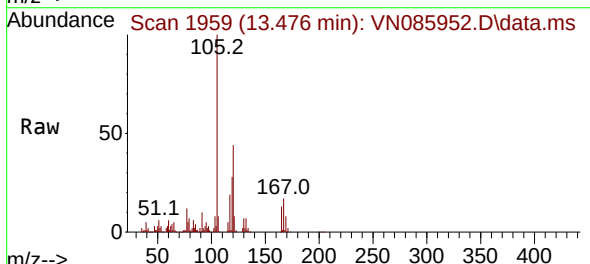
Tgt Ion:119 Resp: 321248
 Ion Ratio Lower Upper
 119 100
 91 69.3 32.5 97.5
 134 26.8 13.3 39.9

Manual Integrations
 APPROVED

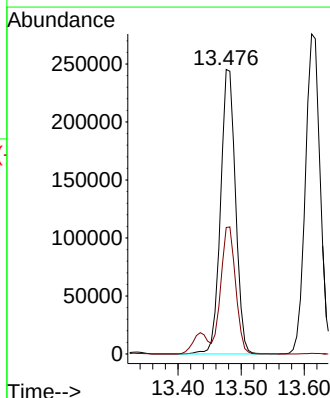
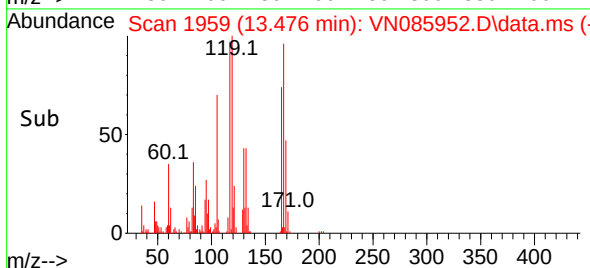
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025

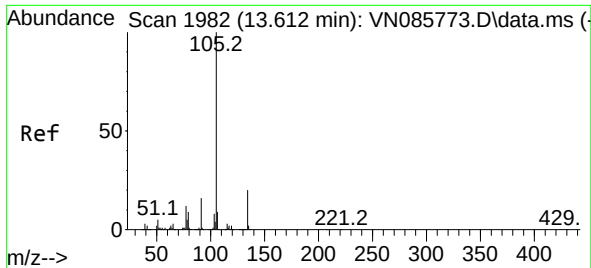


#84
 1,2,4-Trimethylbenzene
 Concen: 53.312 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN085952.D
 Acq: 11 Mar 2025 23:29



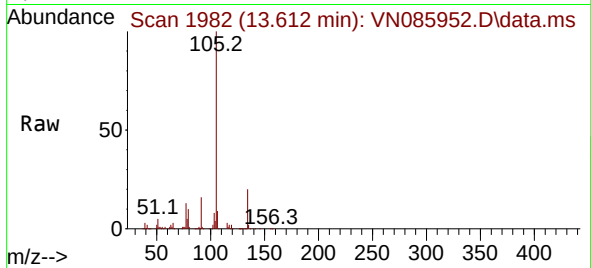
Tgt Ion:105 Resp: 404657
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 49.020 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085952.D
 Acq: 11 Mar 2025 23:29

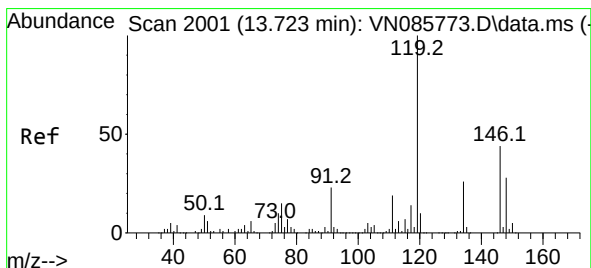
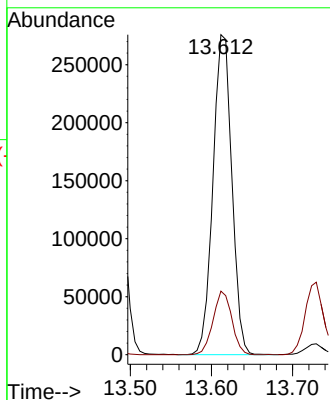
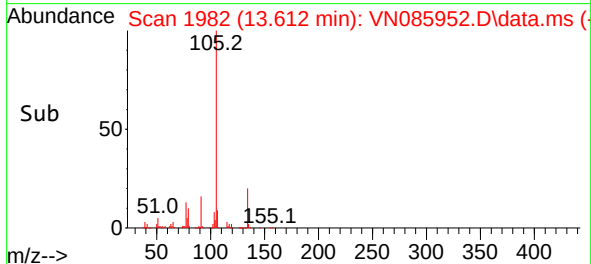
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 446835
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

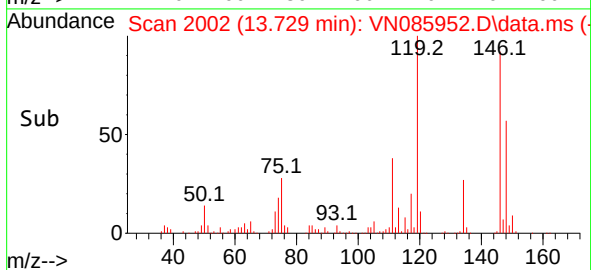
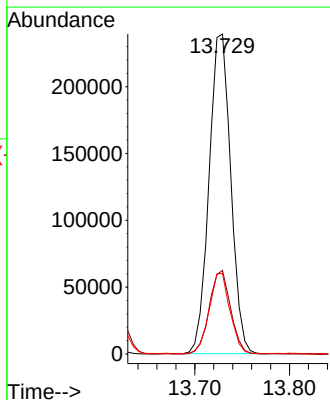
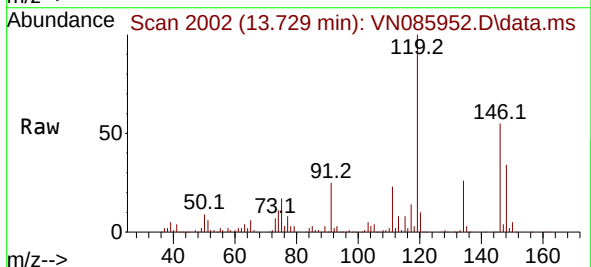
Manual Integrations
 APPROVED

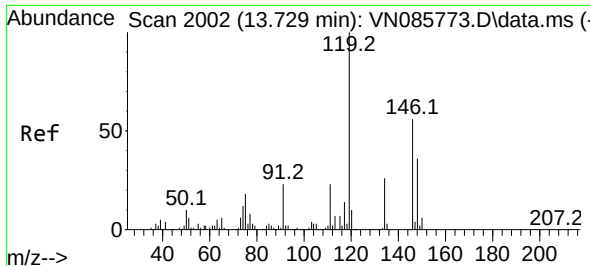
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#86
 p-Isopropyltoluene
 Concen: 45.905 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085952.D
 Acq: 11 Mar 2025 23:29

Tgt Ion:119 Resp: 380483
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.2 11.7 35.1





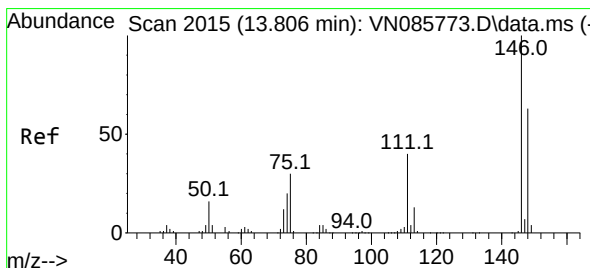
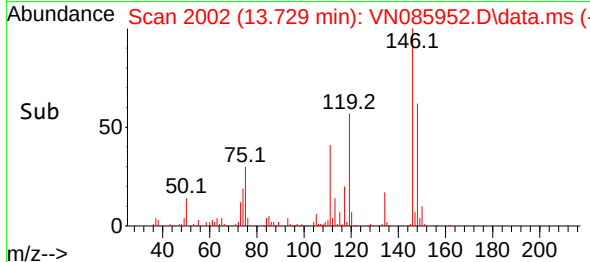
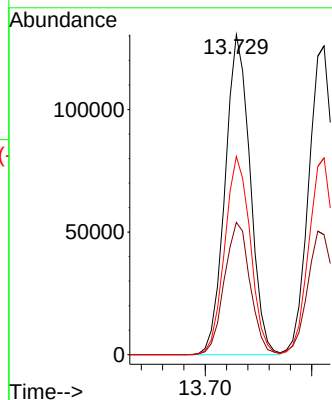
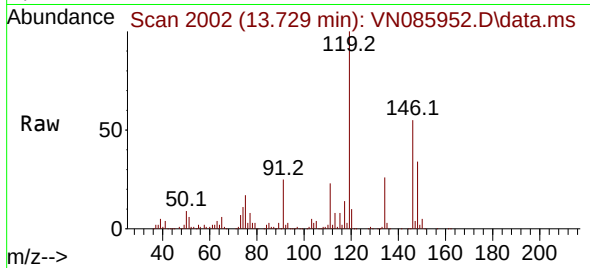
#87
1,3-Dichlorobenzene
Concen: 44.600 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 21261
Ion Ratio Lower Upper
146 100
111 42.7 21.1 63.3
148 63.5 32.1 96.5

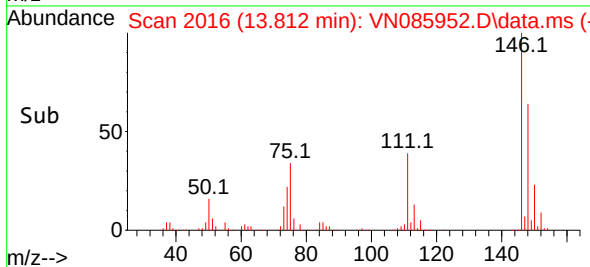
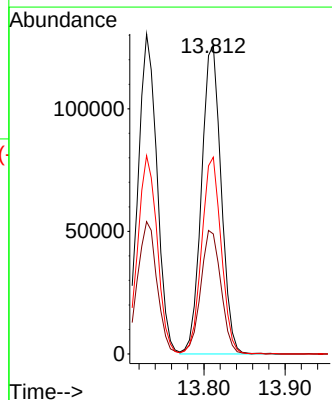
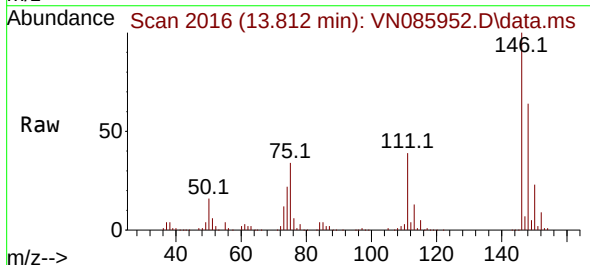
Manual Integrations
APPROVED

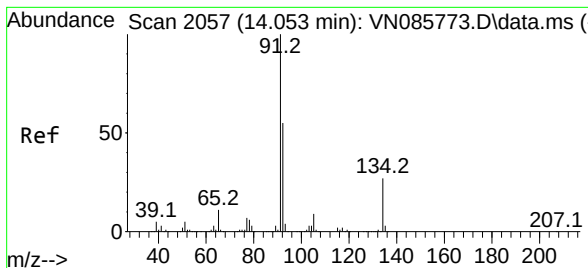
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#88
1,4-Dichlorobenzene
Concen: 43.234 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

Tgt Ion:146 Resp: 211244
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.3
148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 48.060 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085952.D

Acq: 11 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

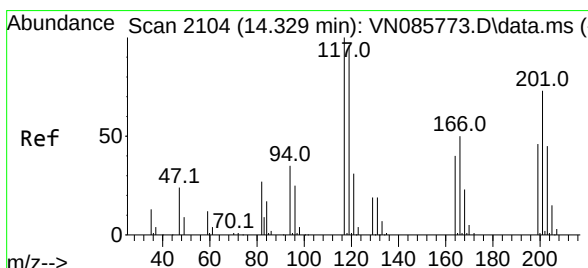
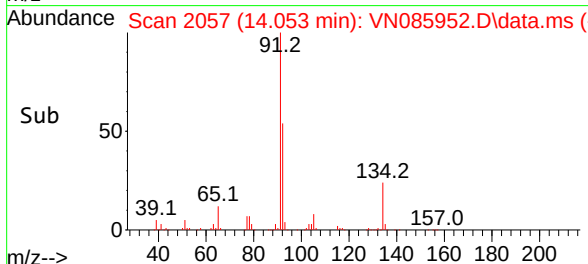
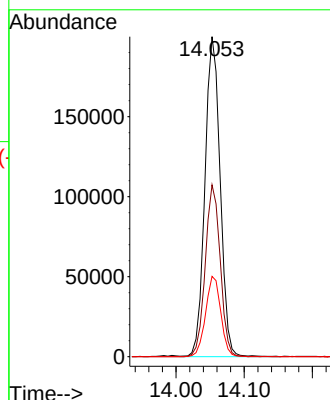
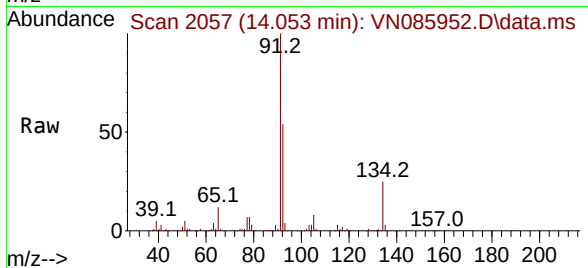
Tgt Ion:	91	Resp:	31103
Ion Ratio	Lower	Upper	
91	100		
92	52.6	27.1	81.3
134	25.0	12.7	38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#90

Hexachloroethane

Concen: 42.623 ug/l

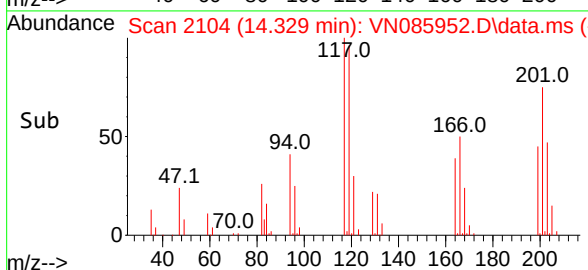
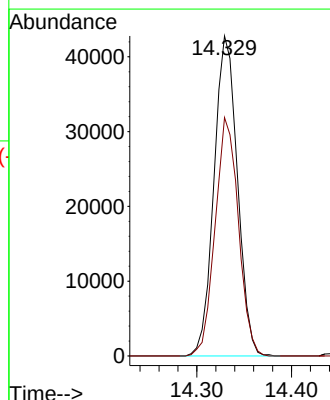
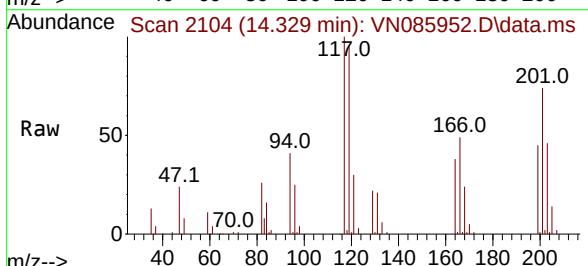
RT: 14.329 min Scan# 2104

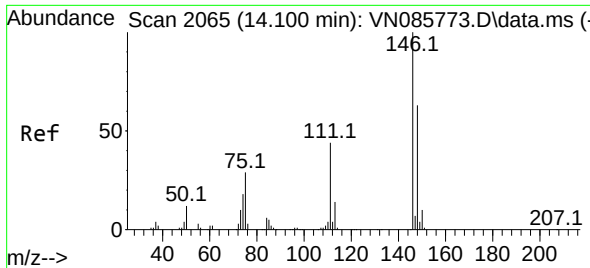
Delta R.T. -0.000 min

Lab File: VN085952.D

Acq: 11 Mar 2025 23:29

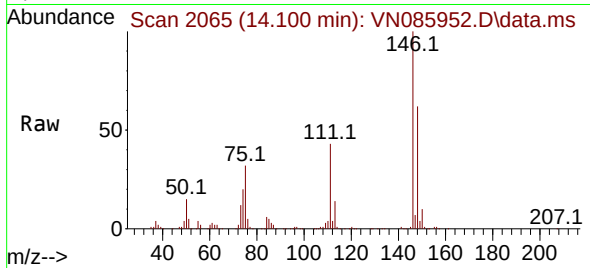
Tgt Ion:	117	Resp:	73580
Ion Ratio	Lower	Upper	
117	100		
201	74.1	35.6	106.9





#91
1,2-Dichlorobenzene
Concen: 45.194 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

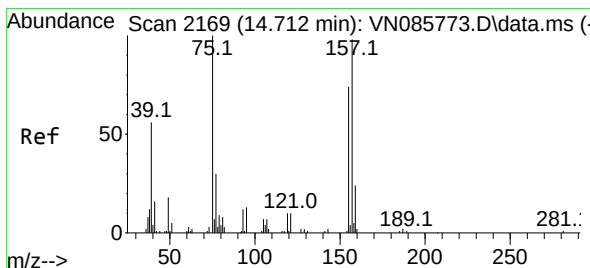
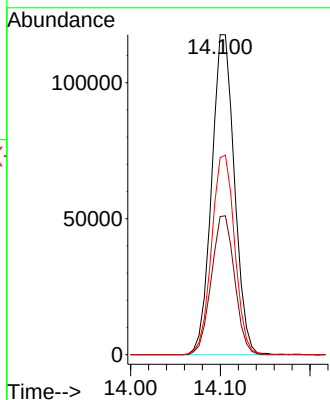
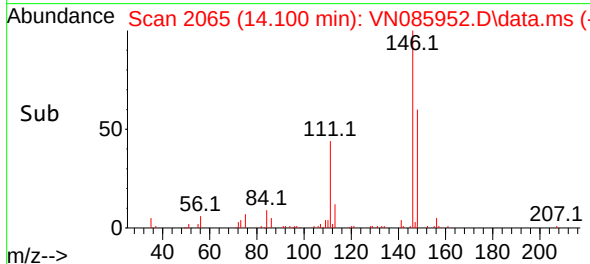
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



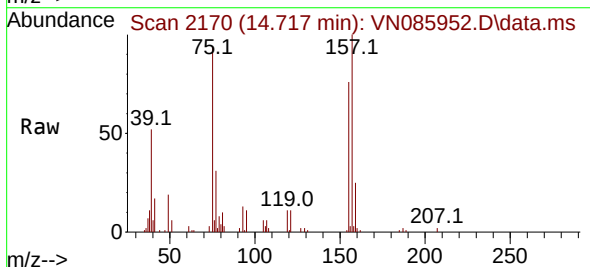
Tgt Ion:146 Resp: 207179
Ion Ratio Lower Upper
146 100
111 44.2 21.4 64.3
148 63.2 32.0 96.2

Manual Integrations
APPROVED

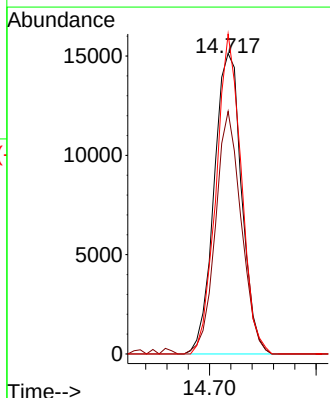
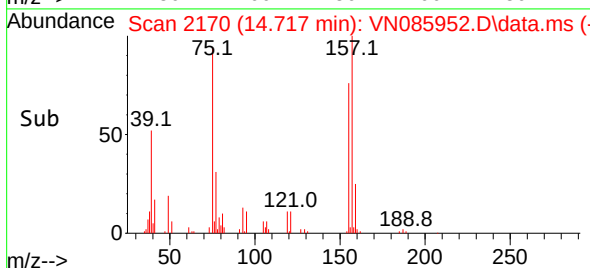
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

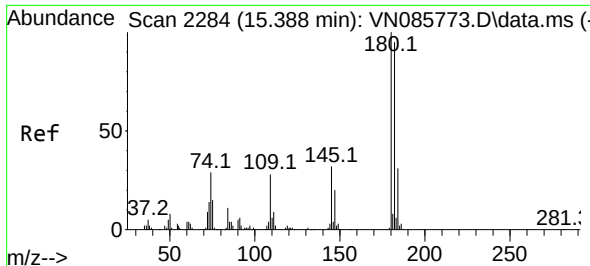


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.717 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29



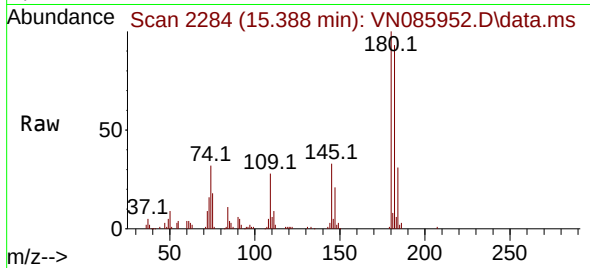
Tgt Ion: 75 Resp: 27207
Ion Ratio Lower Upper
75 100
155 75.4 39.9 119.6
157 96.8 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 45.900 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

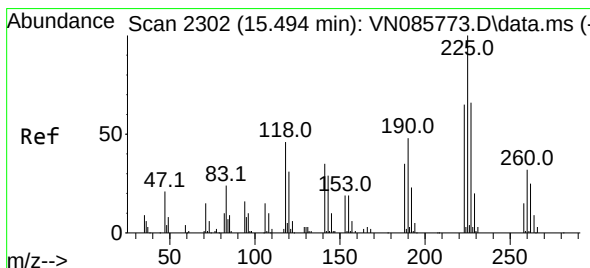
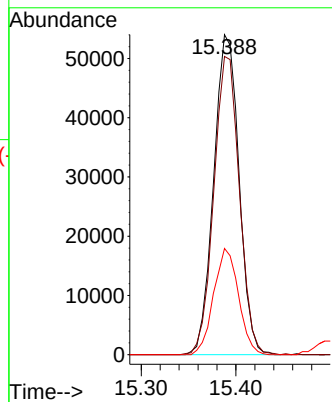
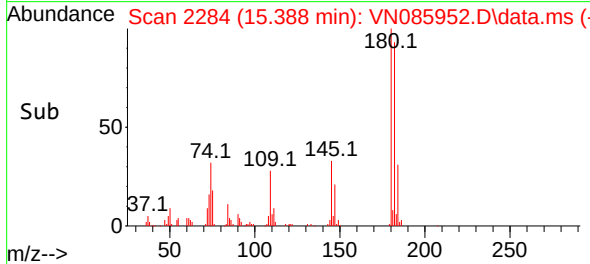
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 10026
Ion Ratio Lower Upper
180 100
182 94.2 47.3 141.9
145 32.6 16.2 48.5

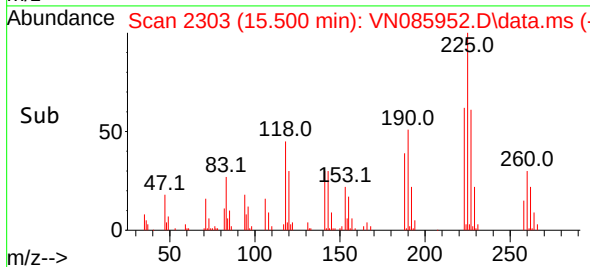
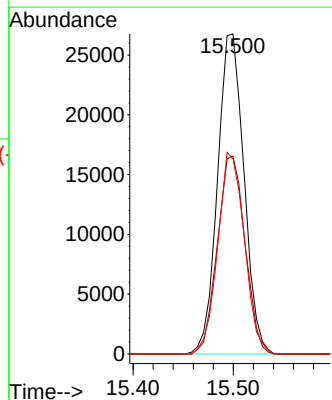
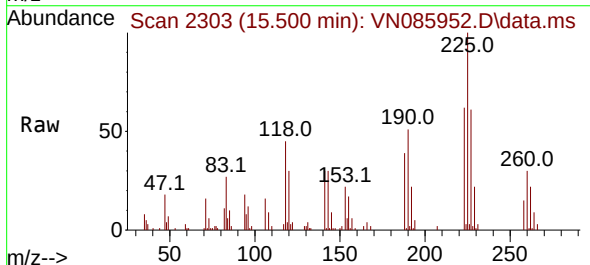
Manual Integrations
APPROVED

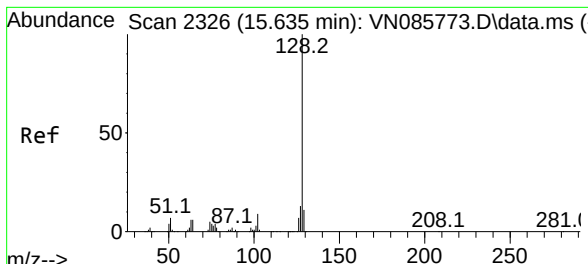
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#94
Hexachlorobutadiene
Concen: 36.901 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

Tgt Ion:225 Resp: 48989
Ion Ratio Lower Upper
225 100
223 64.4 31.9 95.5
227 63.3 32.2 96.6





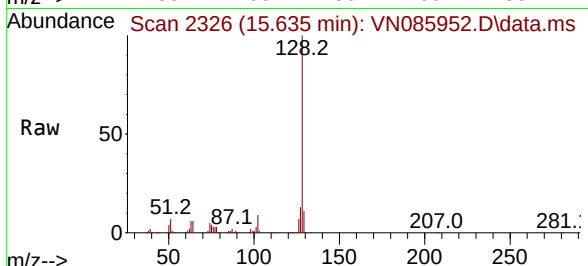
#95
Naphthalene
Concen: 56.255 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



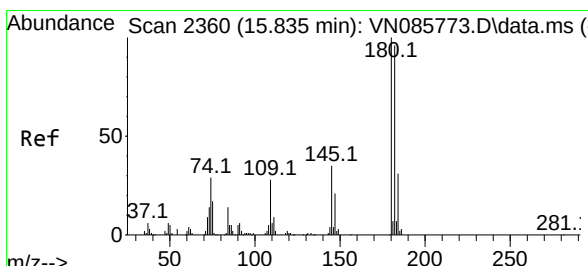
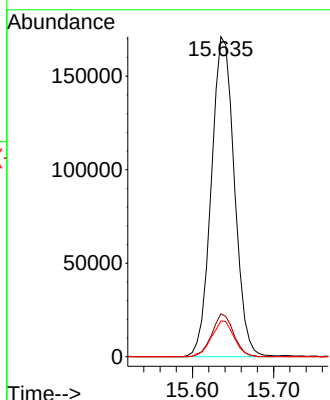
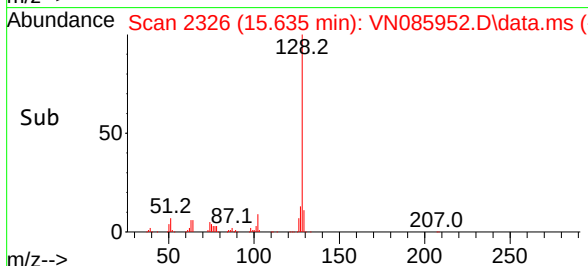
Tgt Ion:	128	Resp:	33736
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 44.612 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085952.D
Acq: 11 Mar 2025 23:29

Tgt Ion:	180	Resp:	97834
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.3	141.8
145	34.9	16.9	50.6

