

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031425\
 Data File : VN085987.D
 Acq On : 14 Mar 2025 13:48
 Operator : JC\MD
 Sample : VN0314WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

Quant Time: Mar 15 00:00:48 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	171865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107303	48.157	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.320%		
35) Dibromofluoromethane	8.165	113	86659	48.452	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.900%		
50) Toluene-d8	10.565	98	308653	47.432	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.860%		
62) 4-Bromofluorobenzene	12.847	95	116972	54.557	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	109.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	48084	20.569	ug/l	98
3) Chloromethane	2.359	50	38574	16.444	ug/l	98
4) Vinyl Chloride	2.507	62	39990	16.101	ug/l	99
5) Bromomethane	2.959	94	25169	15.848	ug/l	99
6) Chloroethane	3.118	64	23214	14.110	ug/l	96
7) Trichlorofluoromethane	3.495	101	69488	19.324	ug/l	99
8) Diethyl Ether	3.965	74	21277	18.287	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	38842	18.686	ug/l	100
10) Methyl Iodide	4.589	142	47685	18.610	ug/l	95
11) Tert butyl alcohol	5.524	59	27724	101.164	ug/l #	89
12) 1,1-Dichloroethene	4.342	96	33872	17.972	ug/l	94
13) Acrolein	4.183	56	21157	52.060	ug/l	100
14) Allyl chloride	5.018	41	40497	16.366	ug/l	97
15) Acrylonitrile	5.718	53	86116	96.661	ug/l	96
16) Acetone	4.430	43	74012	104.977	ug/l	97
17) Carbon Disulfide	4.712	76	99830	17.872	ug/l	99
18) Methyl Acetate	5.018	43	37670	15.534	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	110005	19.642	ug/l	99
20) Methylene Chloride	5.277	84	39987	17.636	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	36924	18.194	ug/l	92
22) Diisopropyl ether	6.677	45	99339	17.766	ug/l #	97
23) Vinyl Acetate	6.600	43	342176	89.377	ug/l	98
24) 1,1-Dichloroethane	6.559	63	67696	17.810	ug/l	97
25) 2-Butanone	7.483	43	99701	96.122	ug/l	95
26) 2,2-Dichloropropane	7.489	77	63984	18.931	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	40768	17.325	ug/l	97
28) Bromochloromethane	7.812	49	30893	19.775	ug/l	99
29) Tetrahydrofuran	7.836	42	61858	92.354	ug/l	93
30) Chloroform	7.965	83	74614	18.784	ug/l	94
31) Cyclohexane	8.253	56	56916	17.884	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	69925	19.792	ug/l	98
36) 1,1-Dichloropropene	8.371	75	49790	19.670	ug/l	98
37) Ethyl Acetate	7.559	43	41962	20.144	ug/l	99
38) Carbon Tetrachloride	8.359	117	65209	21.681	ug/l	95
39) Methylcyclohexane	9.600	83	47214	18.986	ug/l	91
40) Benzene	8.606	78	157928	19.466	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	21759	19.540	ug/l	95
42) 1,2-Dichloroethane	8.671	62	54892	20.772	ug/l	98
43) Isopropyl Acetate	8.683	43	71776	19.298	ug/l	99
44) Trichloroethene	9.353	130	37458	18.804	ug/l	93
45) 1,2-Dichloropropane	9.618	63	37290	19.042	ug/l	94
46) Dibromomethane	9.706	93	28059	20.313	ug/l	100
47) Bromodichloromethane	9.888	83	57801	19.558	ug/l	99
48) Methyl methacrylate	9.677	41	30155	19.492	ug/l	93
49) 1,4-Dioxane	9.694	88	14185	482.174	ug/l #	84
51) 4-Methyl-2-Pentanone	10.441	43	206335	102.736	ug/l	97
52) Toluene	10.630	92	98087	20.625	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	56574	20.702	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	60106	20.058	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	37886	20.037	ug/l	99
56) Ethyl methacrylate	10.871	69	49841	19.959	ug/l	97
57) 1,3-Dichloropropane	11.159	76	61491	19.481	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	97269	107.578	ug/l	98
59) 2-Hexanone	11.194	43	151031	109.311	ug/l	99
60) Dibromochloromethane	11.359	129	46633	21.180	ug/l	99
61) 1,2-Dibromoethane	11.471	107	37436	20.954	ug/l	97
64) Tetrachloroethene	11.100	164	36960	19.214	ug/l	94
65) Chlorobenzene	11.888	112	105594	18.564	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	40840	19.975	ug/l	96
67) Ethyl Benzene	11.959	91	174786	19.616	ug/l	100
68) m/p-Xylenes	12.071	106	142429	42.082	ug/l	99
69) o-Xylene	12.400	106	65620	20.403	ug/l	99
70) Styrene	12.412	104	112316	20.240	ug/l	98
71) Bromoform	12.576	173	33519	22.064	ug/l #	95
73) Isopropylbenzene	12.694	105	165327	18.547	ug/l	98
74) N-amyl acetate	12.494	43	55908	17.786	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	54300	17.703	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	52408m	18.133	ug/l	
77) Bromobenzene	12.982	156	45733	18.990	ug/l	99
78) n-propylbenzene	13.035	91	195289	19.130	ug/l	99
79) 2-Chlorotoluene	13.123	91	126407	18.533	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	145571	20.048	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	18626	18.804	ug/l	93
82) 4-Chlorotoluene	13.218	91	132025	19.525	ug/l	99
83) tert-Butylbenzene	13.435	119	116079	19.011	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	147725	20.564	ug/l	98
85) sec-Butylbenzene	13.612	105	165313	19.162	ug/l	99
86) p-Isopropyltoluene	13.729	119	140320	19.059	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	84988	18.836	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	83917	18.147	ug/l	98
89) n-Butylbenzene	14.053	91	111155	18.147	ug/l	97
90) Hexachloroethane	14.335	117	29274	17.917	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	79614	18.350	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10877	19.311	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	37343	18.063	ug/l	98
94) Hexachlorobutadiene	15.500	225	23209	18.472	ug/l	94
95) Naphthalene	15.641	128	102561	18.070	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	38643	18.618	ug/l	97

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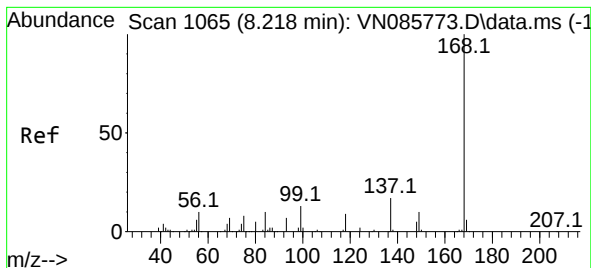
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

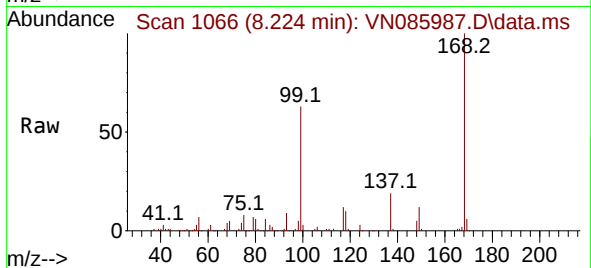
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

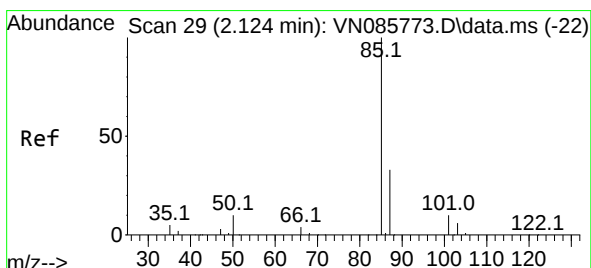
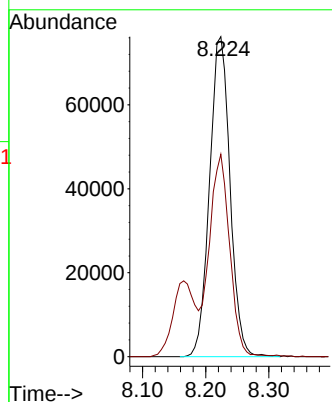
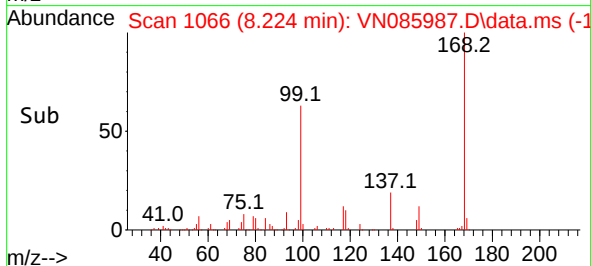
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion:168 Resp: 17186
Ion Ratio Lower Upper
168 100
99 63.0 47.9 71.9

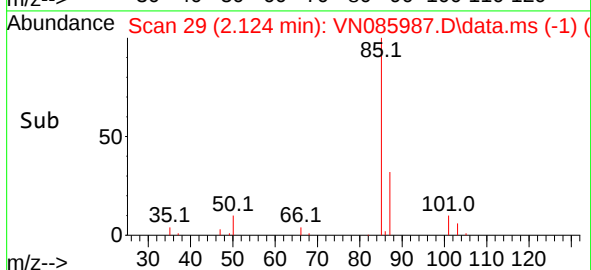
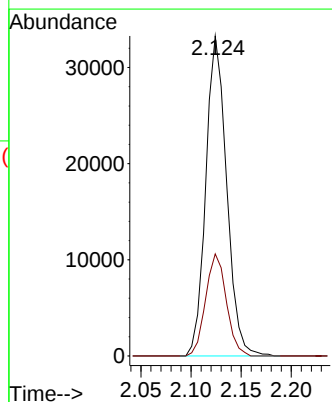
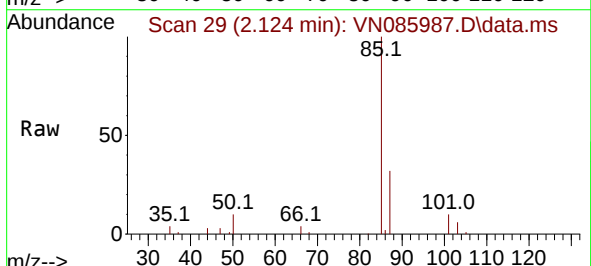
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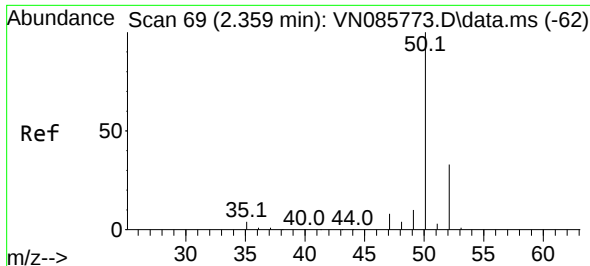
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#2
Dichlorodifluoromethane
Concen: 20.569 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

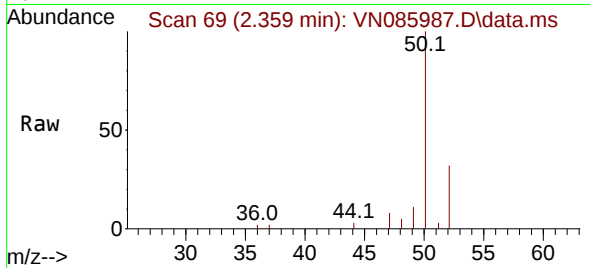
Tgt Ion: 85 Resp: 48084
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.2





#3
Chloromethane
Concen: 16.444 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

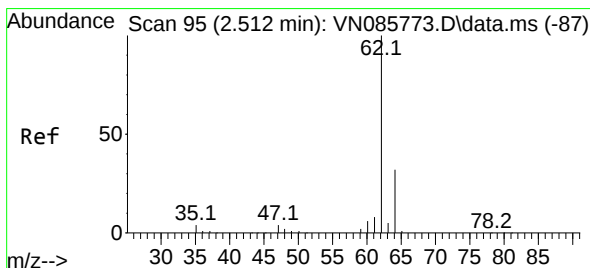
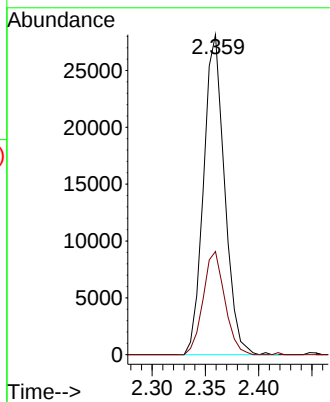
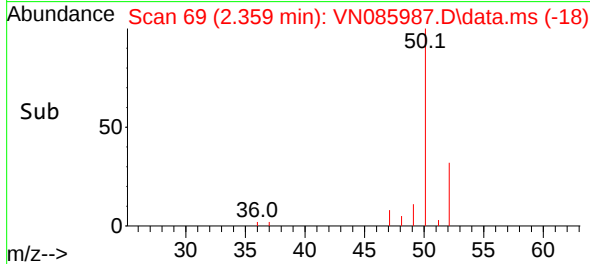
Instrument :
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Tgt Ion: 50 Resp: 38574
Ion Ratio Lower Upper
50 100
52 32.3 26.7 40.1

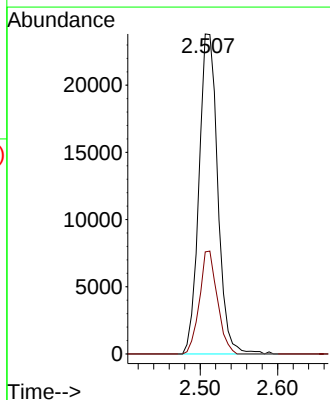
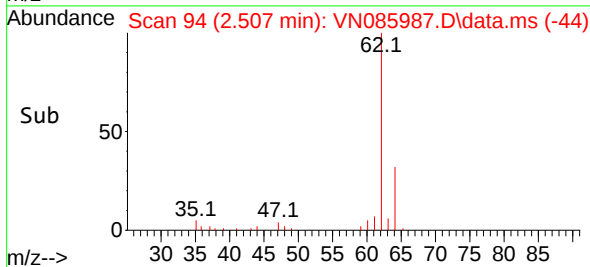
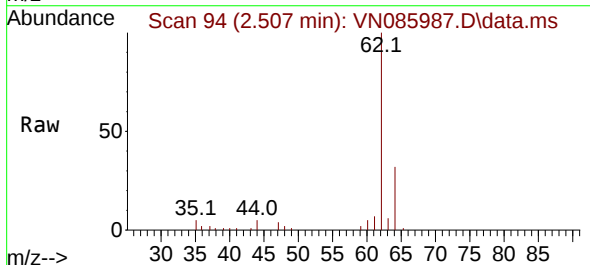
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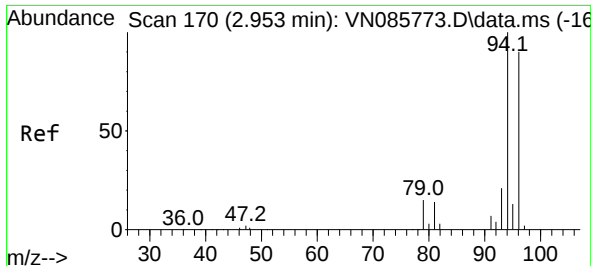
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Supervised By :Mahesh Dadoda 03/18/2025



#4
Vinyl Chloride
Concen: 16.101 ug/l
RT: 2.507 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Tgt Ion: 62 Resp: 39990
Ion Ratio Lower Upper
62 100
64 31.9 25.9 38.9





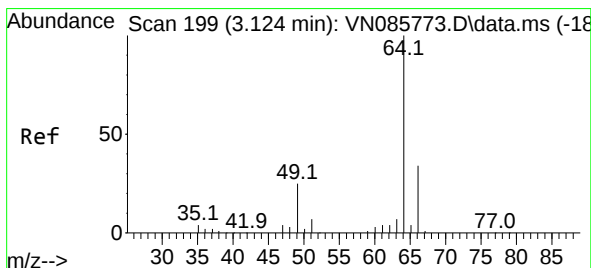
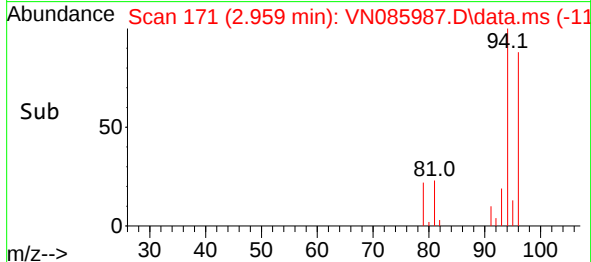
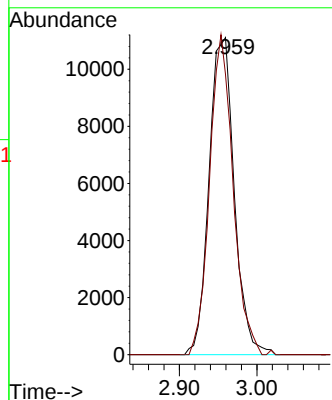
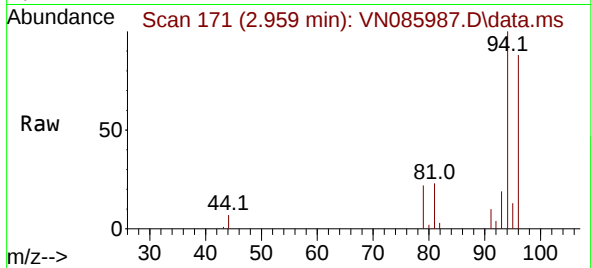
#5
Bromomethane
Concen: 15.848 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085987.D
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Instrument :
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Tgt Ion: 94 Resp: 25169
Ion Ratio Lower Upper
94 100
96 88.4 71.7 107.5

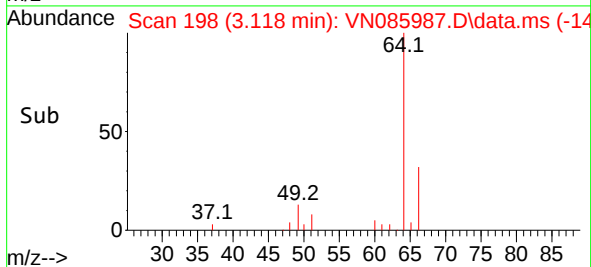
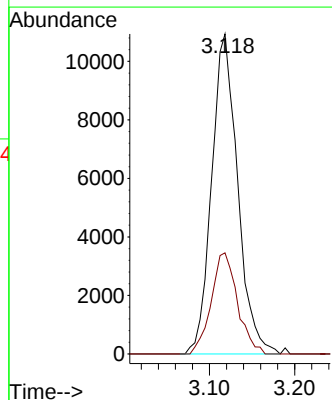
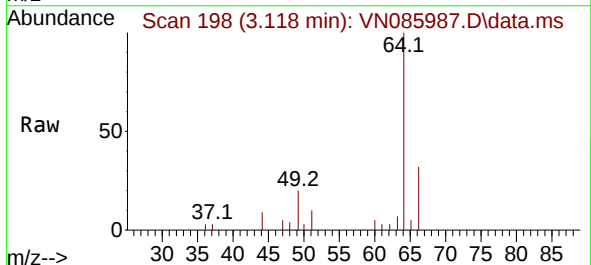
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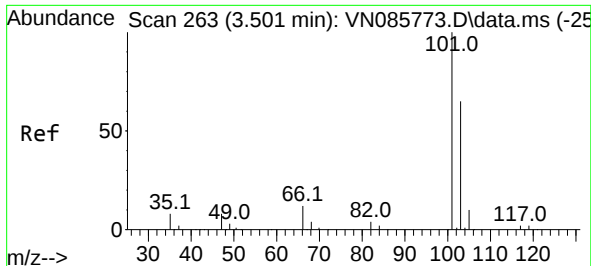
Reviewed By :John Carlone 03/18/2025
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#6
Chloroethane
Concen: 14.110 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085987.D
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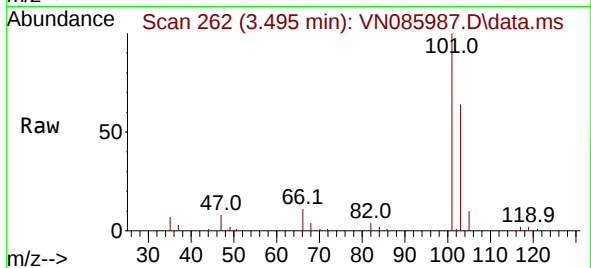
Tgt Ion: 64 Resp: 23214
Ion Ratio Lower Upper
64 100
66 31.6 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 19.324 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN085987.D
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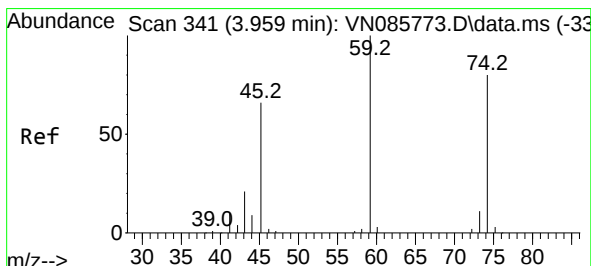
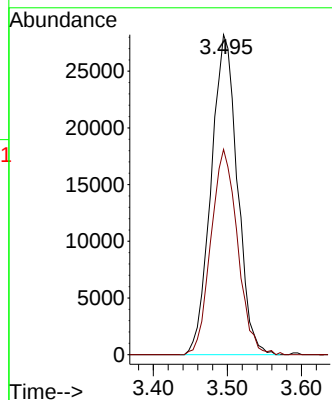
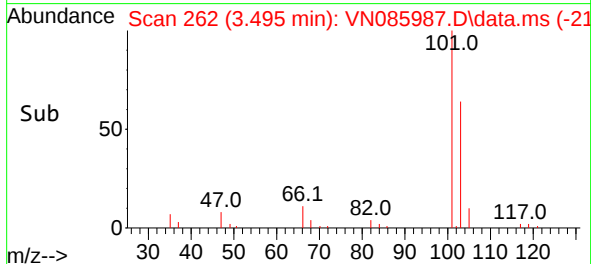
Instrument :
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Tgt Ion:101 Resp: 6948
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.2 78.4

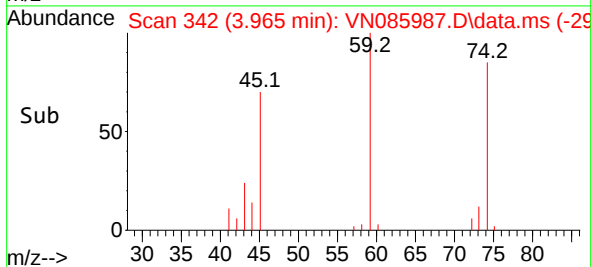
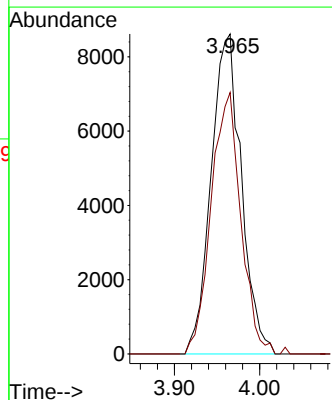
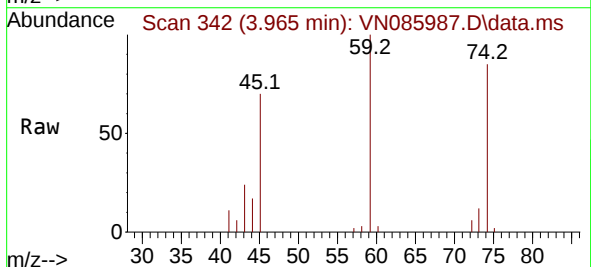
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#8
 Diethyl Ether
 Concen: 18.287 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN085987.D
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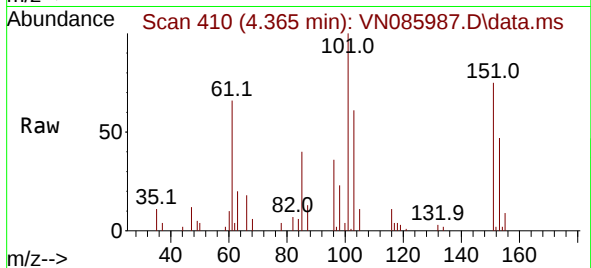
Tgt Ion: 74 Resp: 21277
 Ion Ratio Lower Upper
 74 100
 45 80.0 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.686 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085987.D
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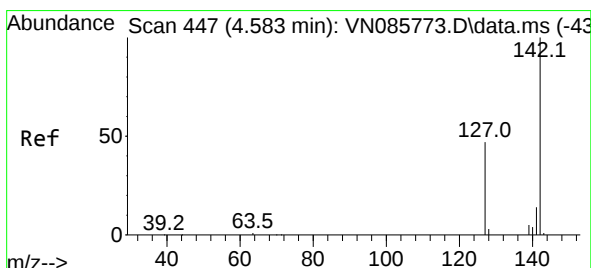
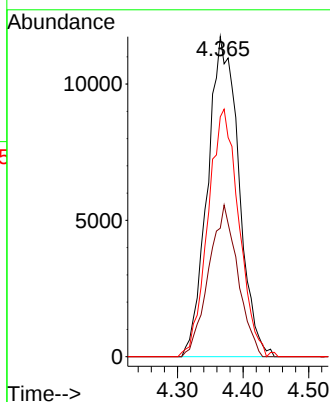
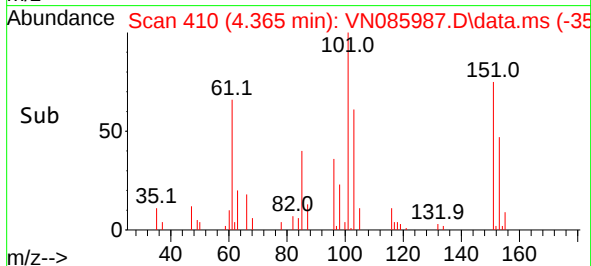
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



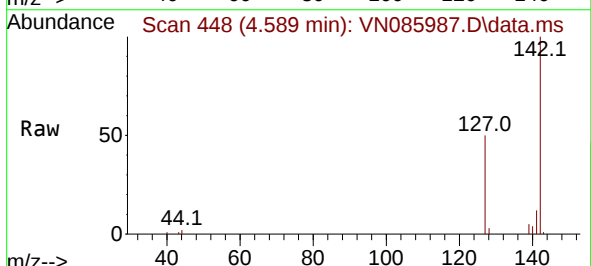
Tgt Ion:101 Resp: 3884
Ion Ratio Lower Upper
101 100
85 44.2 35.7 53.5
151 76.6 61.4 92.2

Manual Integrations
APPROVED

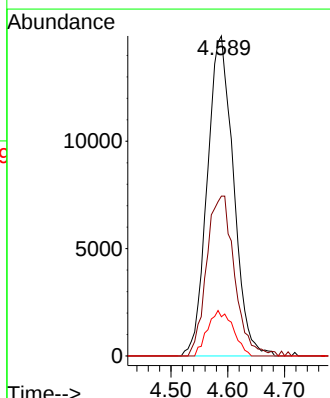
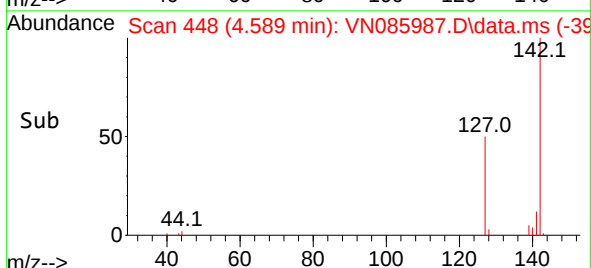
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

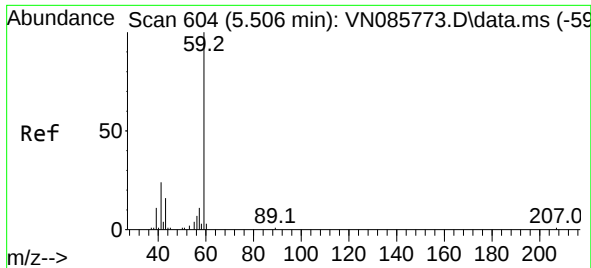


#10
Methyl Iodide
Concen: 18.610 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48



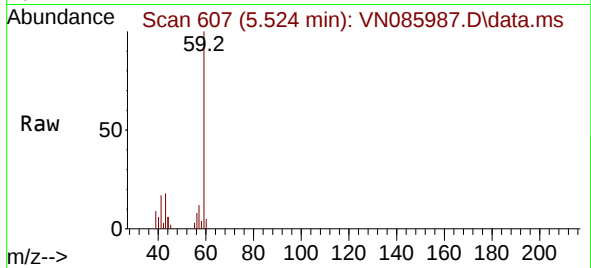
Tgt Ion:142 Resp: 47685
Ion Ratio Lower Upper
142 100
127 50.0 37.6 56.4
141 12.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 101.164 ug/l
RT: 5.524 min Scan# 604
Delta R.T. 0.018 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

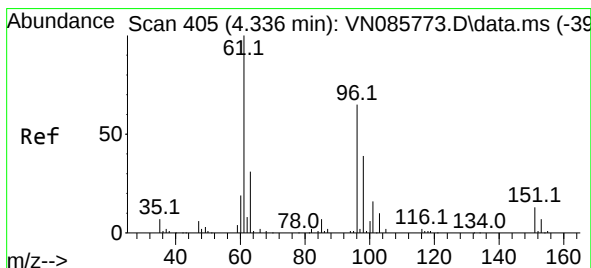
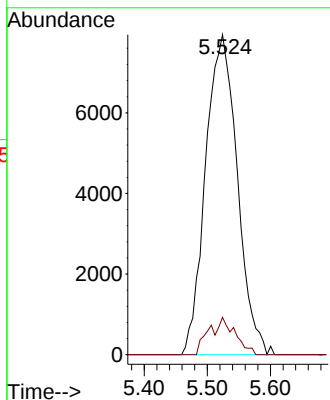
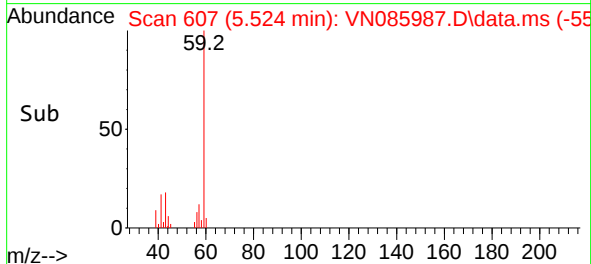
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



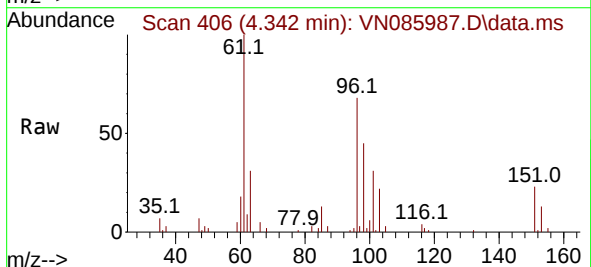
Tgt Ion: 59 Resp: 27724
Ion Ratio Lower Upper
59 100
57 6.2 8.3 12.5

Manual Integrations
APPROVED

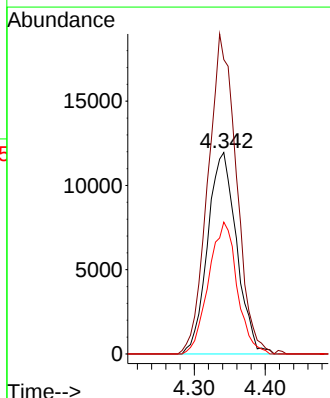
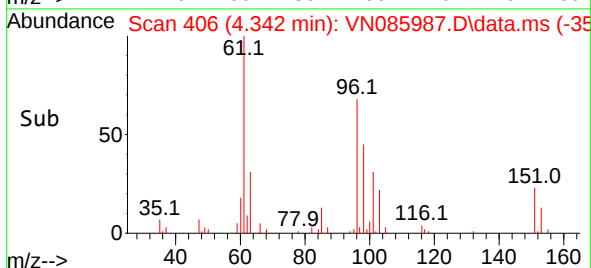
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

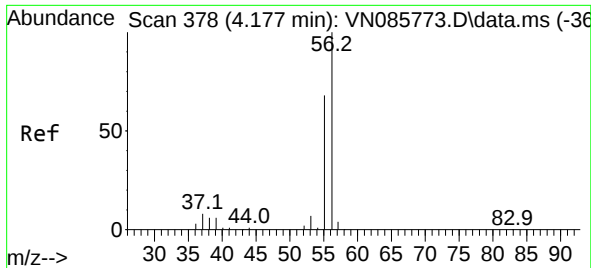


#12
1,1-Dichloroethene
Concen: 17.972 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48



Tgt Ion: 96 Resp: 33872
Ion Ratio Lower Upper
96 100
61 146.1 123.3 184.9
98 65.5 48.6 72.8





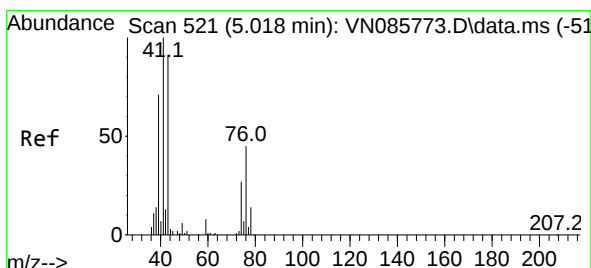
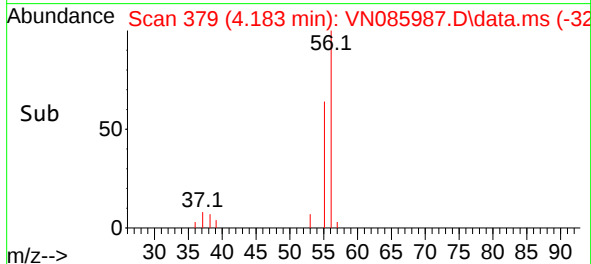
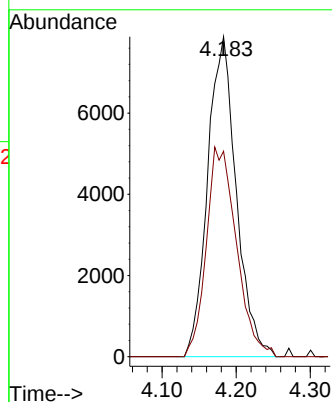
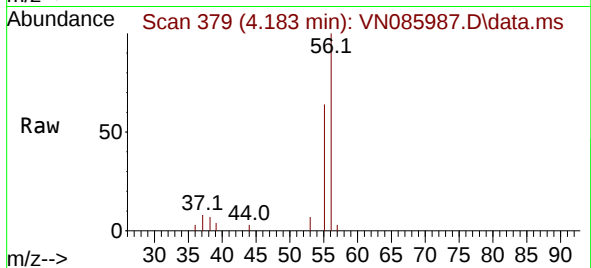
#13
Acrolein
Concen: 52.060 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 56 Resp: 2115
Ion Ratio Lower Upper
56 100
55 68.8 55.3 82.9

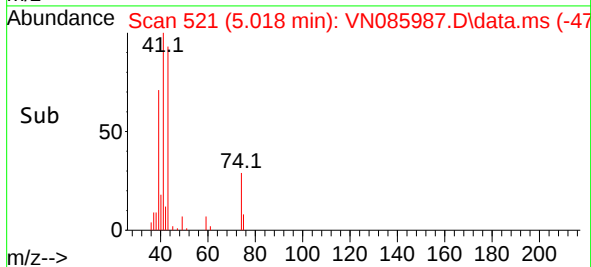
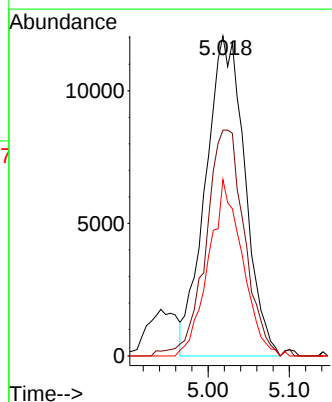
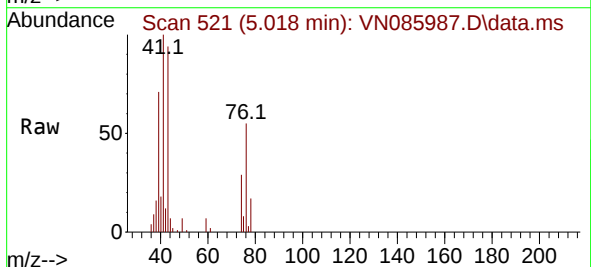
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#14
Allyl chloride
Concen: 16.366 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

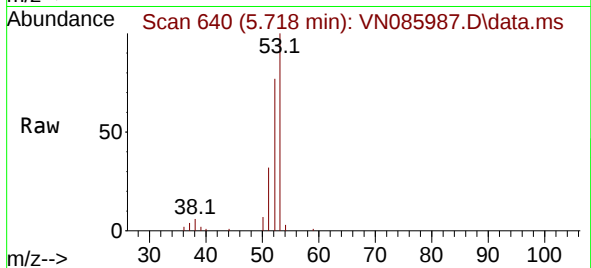
Tgt Ion: 41 Resp: 40497
Ion Ratio Lower Upper
41 100
39 69.2 57.4 86.2
76 47.5 36.2 54.2





#15
Acrylonitrile
Concen: 96.661 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

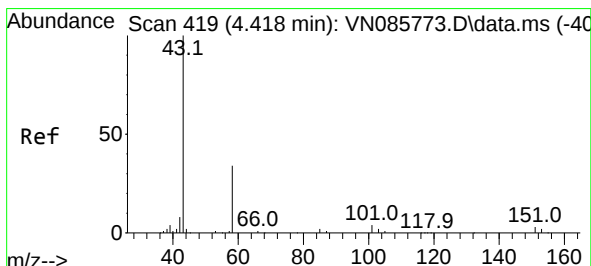
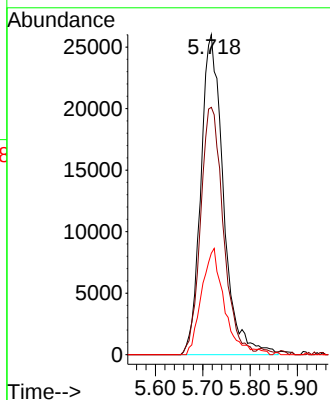
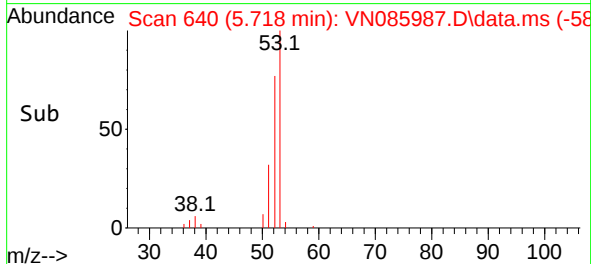
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



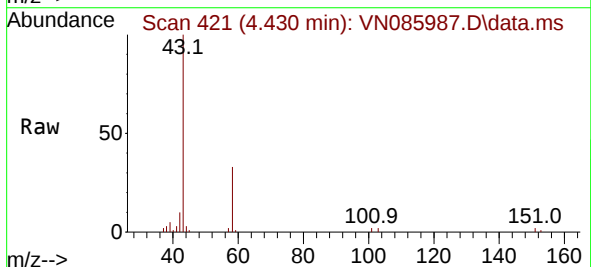
Tgt Ion: 53 Resp: 86110
Ion Ratio Lower Upper
53 100
52 77.8 65.8 98.6
51 33.9 28.6 42.8

Manual Integrations
APPROVED

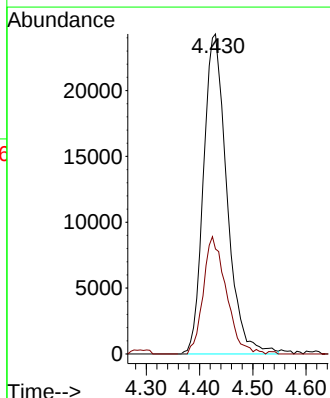
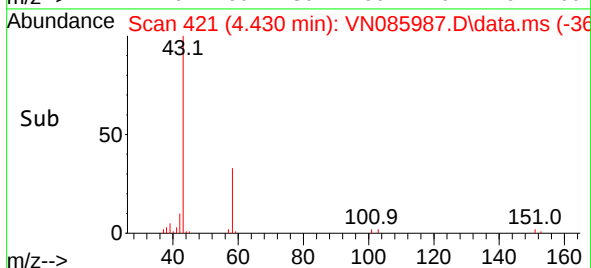
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

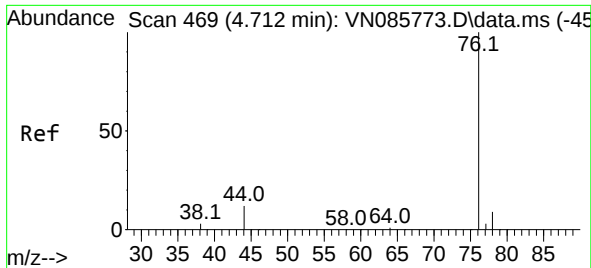


#16
Acetone
Concen: 104.977 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48



Tgt Ion: 43 Resp: 74012
Ion Ratio Lower Upper
43 100
58 32.8 27.5 41.3





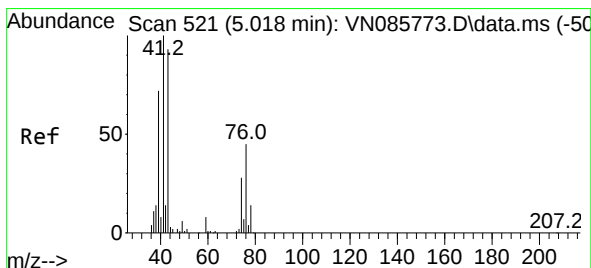
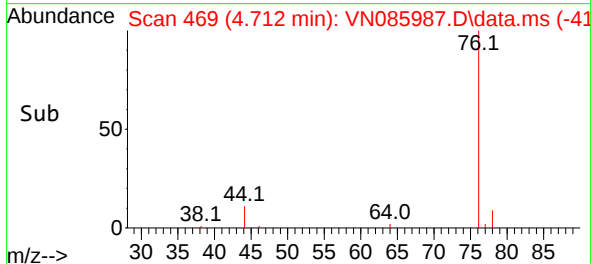
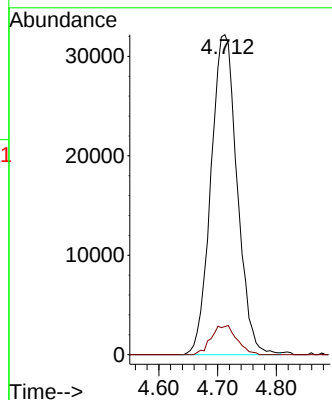
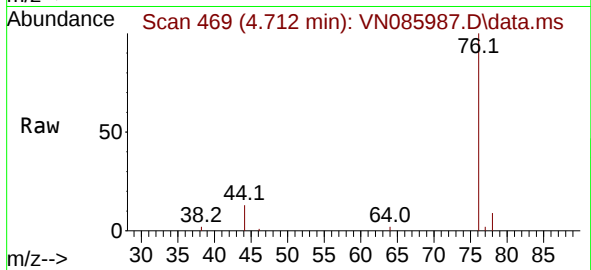
#17
Carbon Disulfide
Concen: 17.872 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 76 Resp: 99830
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

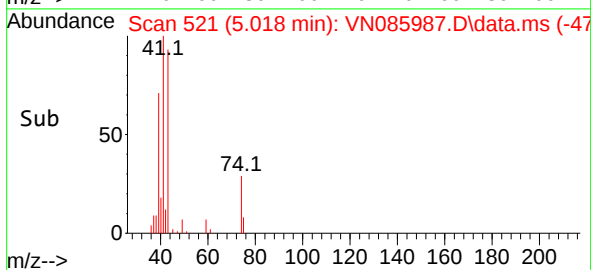
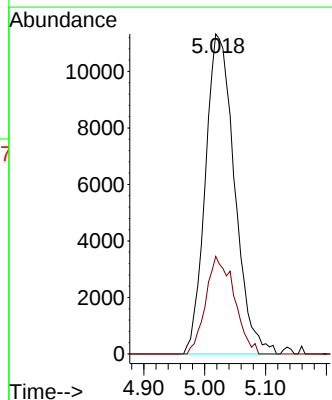
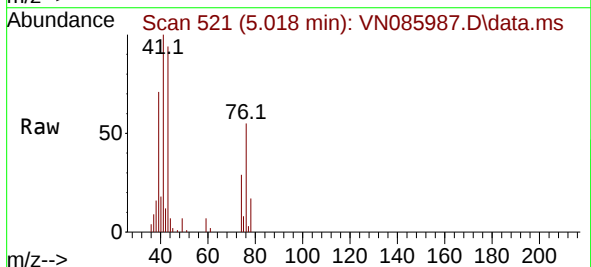
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#18
Methyl Acetate
Concen: 15.534 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Tgt Ion: 43 Resp: 37670
Ion Ratio Lower Upper
43 100
74 29.8 22.2 33.4





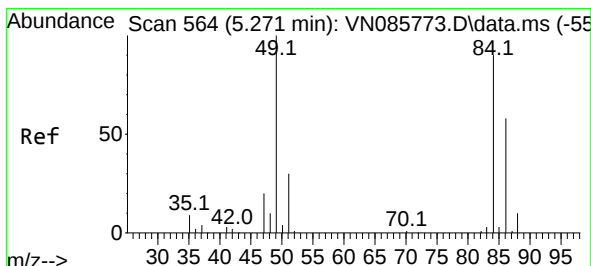
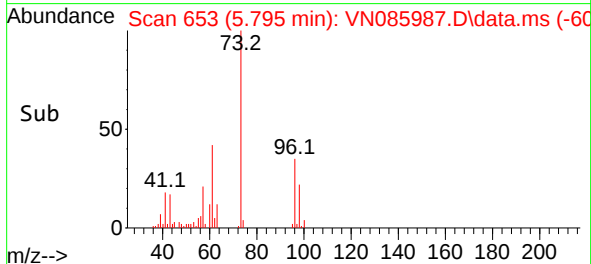
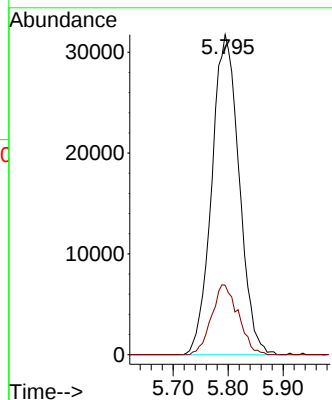
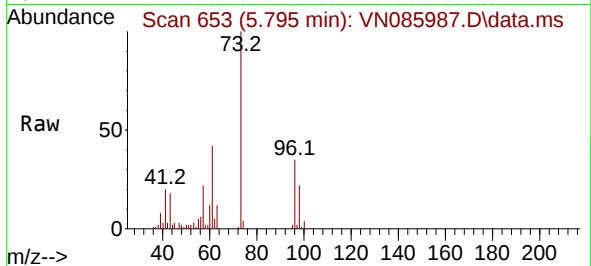
#19
Methyl tert-butyl Ether
Concen: 19.642 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 73 Resp: 11000
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

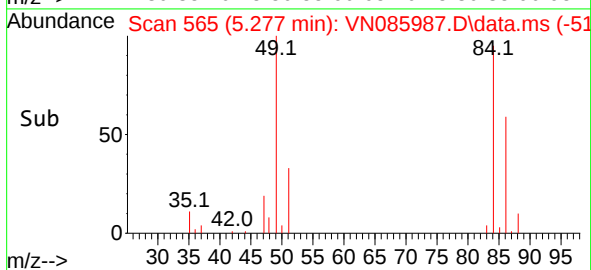
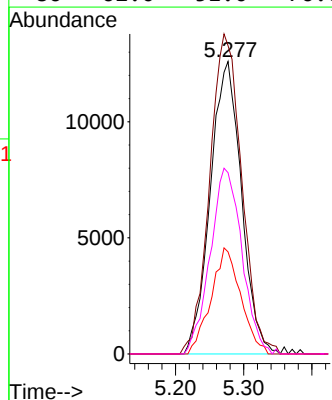
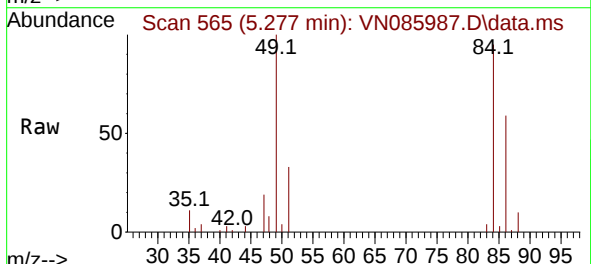
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#20
Methylene Chloride
Concen: 17.636 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

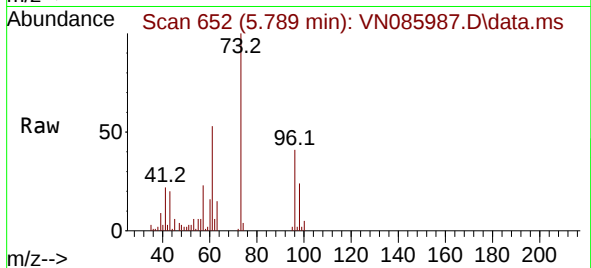
Tgt Ion: 84 Resp: 39987
Ion Ratio Lower Upper
84 100
49 105.4 88.4 132.6
51 34.9 26.6 40.0
86 62.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.194 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

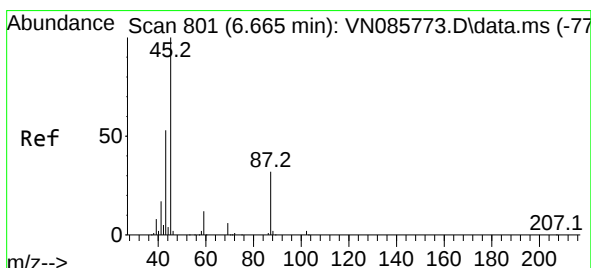
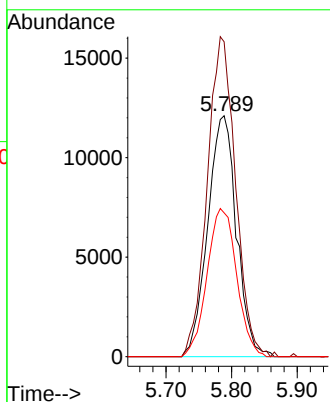
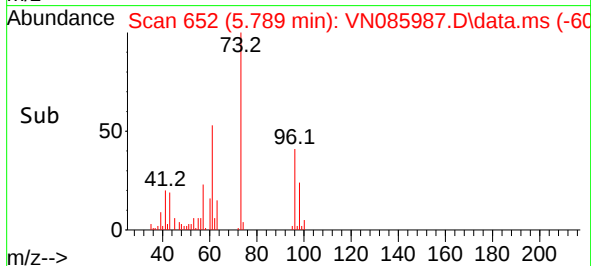
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 96 Resp: 36924
Ion Ratio Lower Upper
96 100
61 130.6 112.6 168.8
98 59.7 53.3 79.9

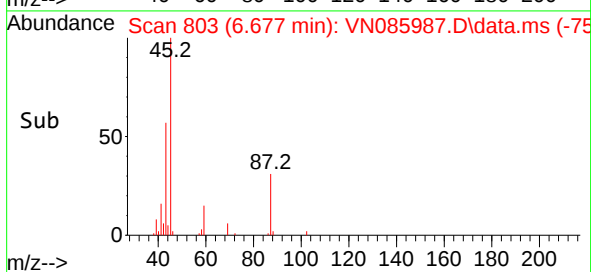
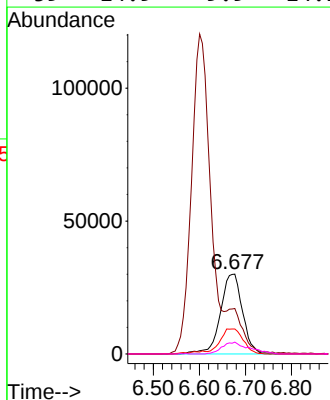
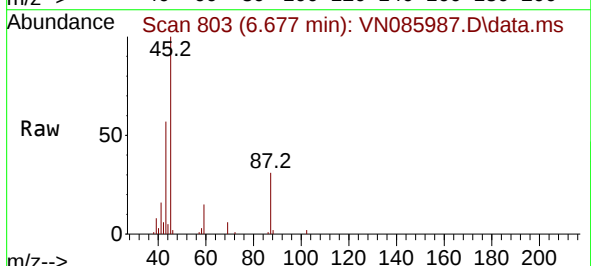
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#22
Diisopropyl ether
Concen: 17.766 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.012 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

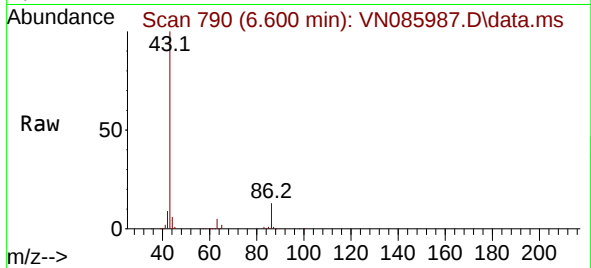
Tgt Ion: 45 Resp: 99339
Ion Ratio Lower Upper
45 100
43 55.2 42.6 64.0
87 31.3 25.8 38.8
59 14.9 9.9 14.9#





#23
 Vinyl Acetate
 Concen: 89.377 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085987.D
 Acq: 14 Mar 2025 13:48

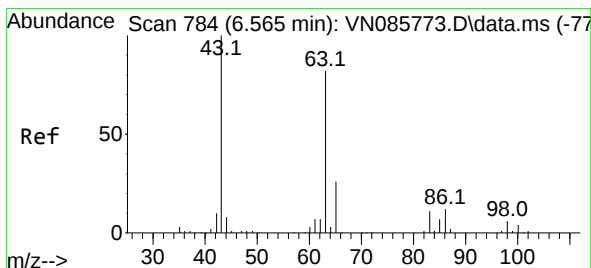
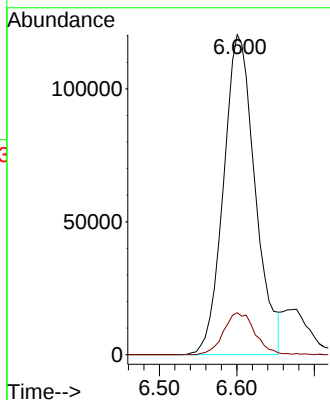
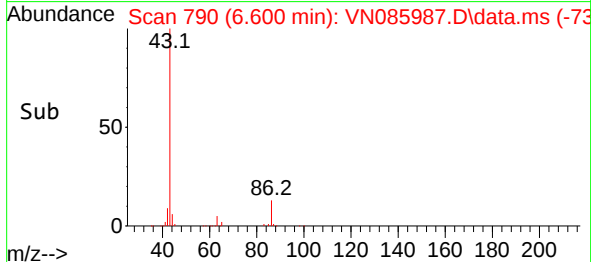
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01



Tgt Ion: 43 Resp: 342170
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.8 14.8

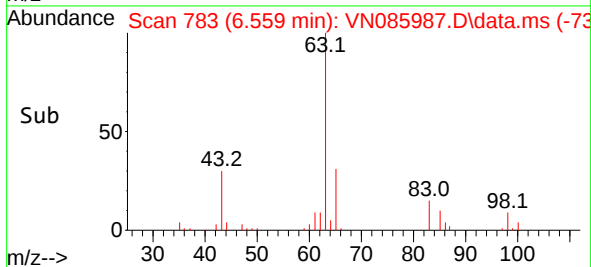
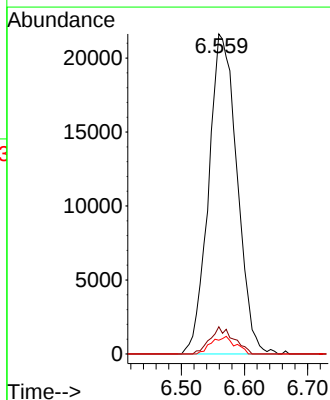
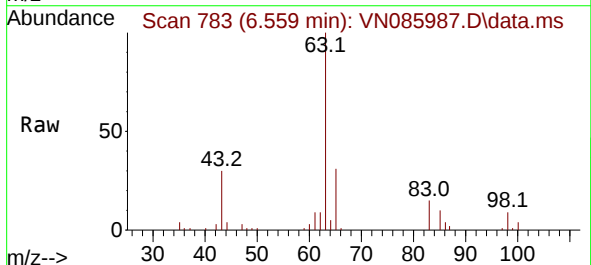
Manual Integrations
 APPROVED

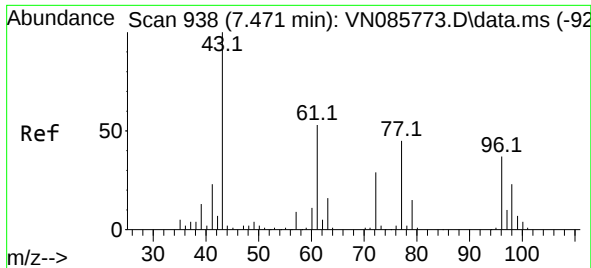
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#24
 1,1-Dichloroethane
 Concen: 17.810 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN085987.D
 Acq: 14 Mar 2025 13:48

Tgt Ion: 63 Resp: 67696
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.5 10.4
 100 4.3 2.4 7.2





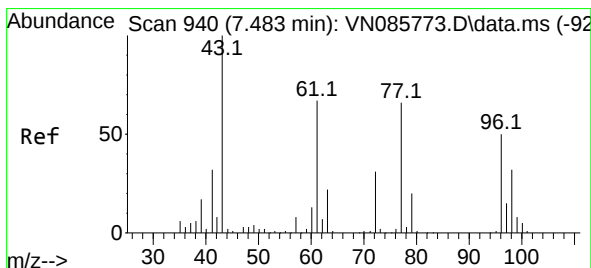
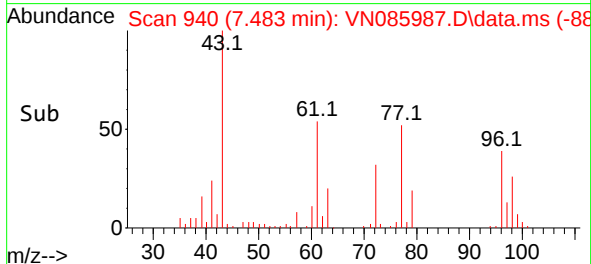
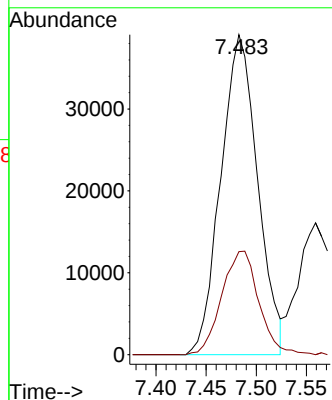
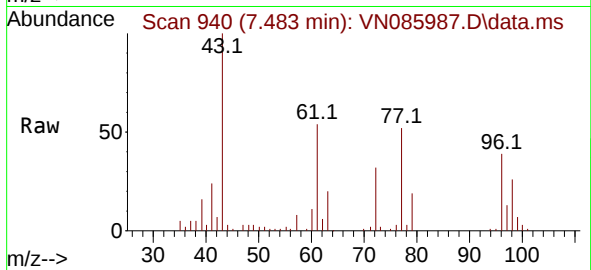
#25
2-Butanone
Concen: 96.122 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 43 Resp: 9970
Ion Ratio Lower Upper
43 100
72 32.2 23.6 35.4

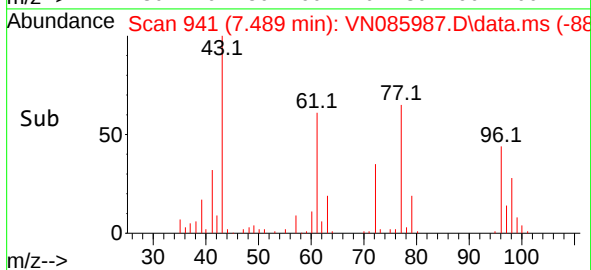
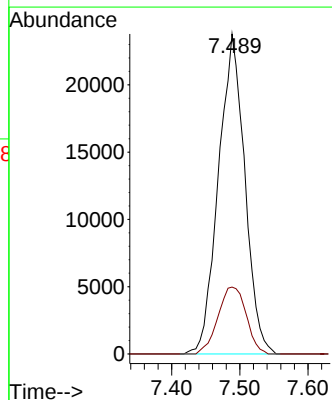
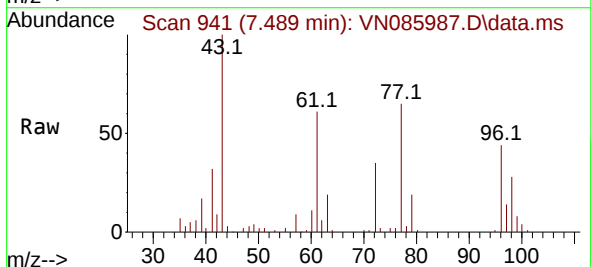
Manual Integrations
APPROVED

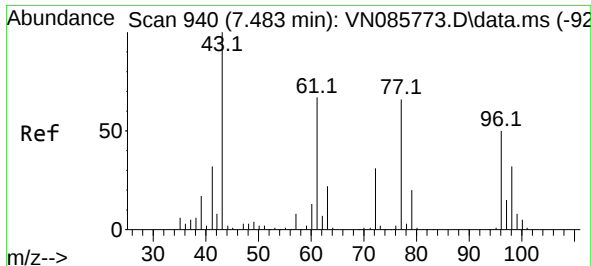
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#26
2,2-Dichloropropane
Concen: 18.931 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

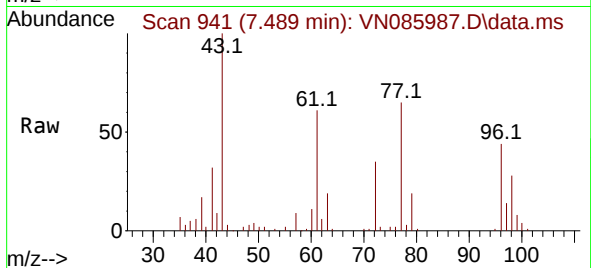
Tgt Ion: 77 Resp: 63984
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 17.325 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085987.D
 Acq: 14 Mar 2025 13:48

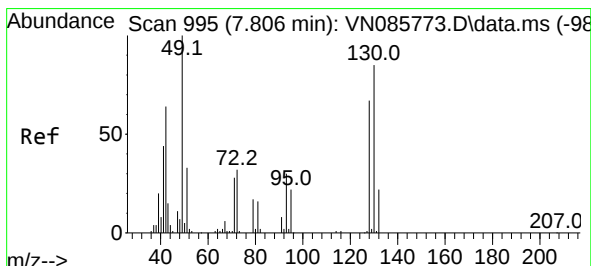
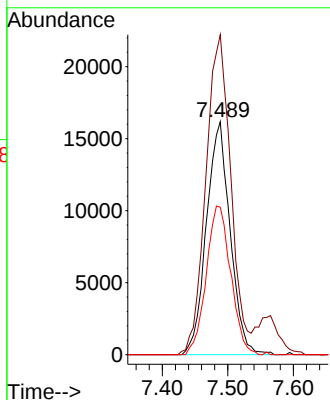
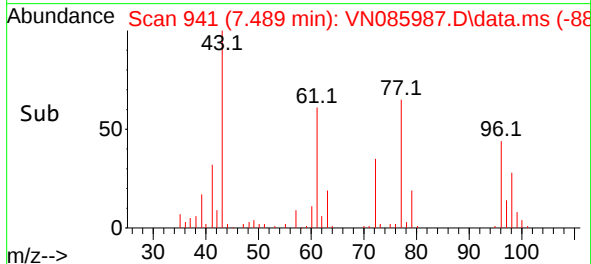
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01



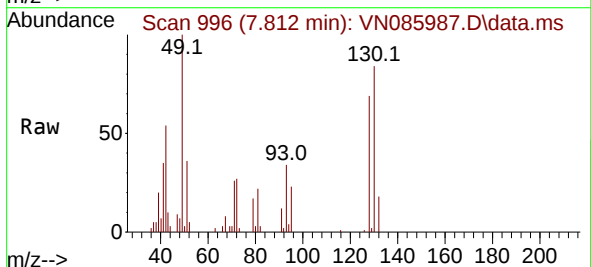
Tgt Ion: 96 Resp: 40768
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 280.6
 98 65.5 0.0 128.6

Manual Integrations
 APPROVED

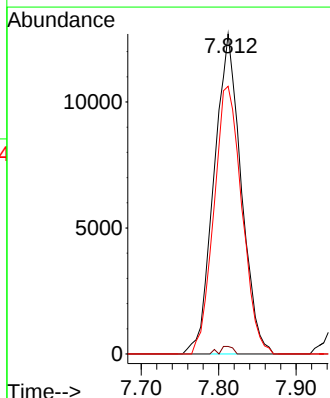
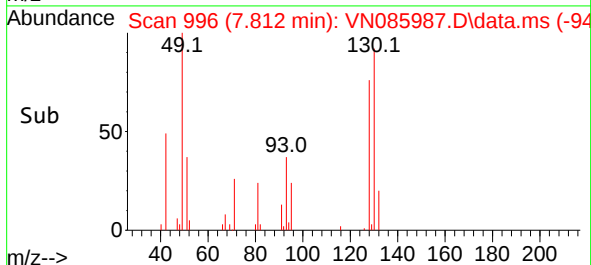
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

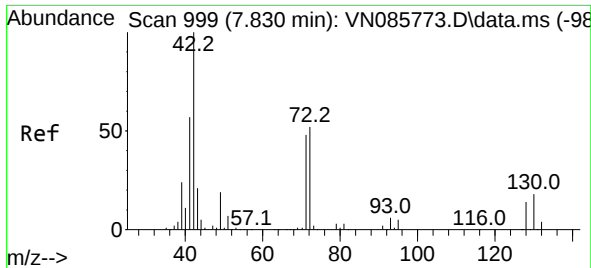


#28
 Bromochloromethane
 Concen: 19.775 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085987.D
 Acq: 14 Mar 2025 13:48



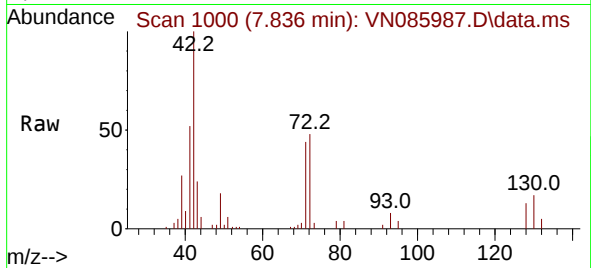
Tgt Ion: 49 Resp: 30893
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.8
 130 86.3 68.0 102.0





#29
Tetrahydrofuran
Concen: 92.354 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

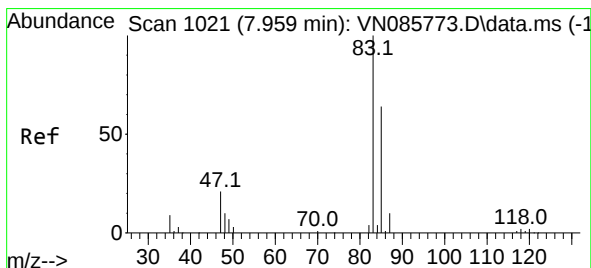
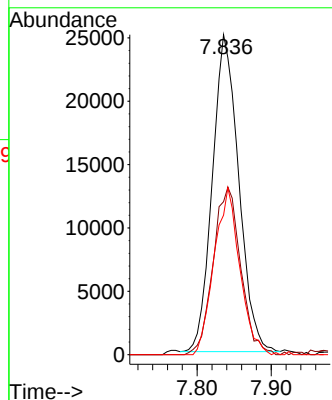
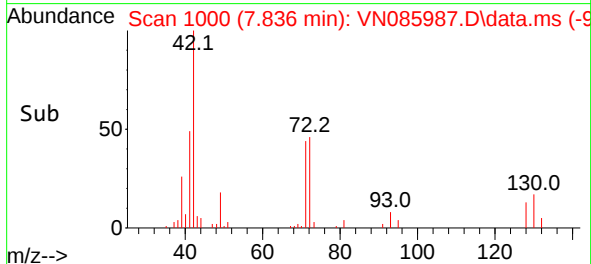
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 42 Resp: 61858
Ion Ratio Lower Upper
42 100
72 55.1 40.0 60.0
71 51.2 37.0 55.4

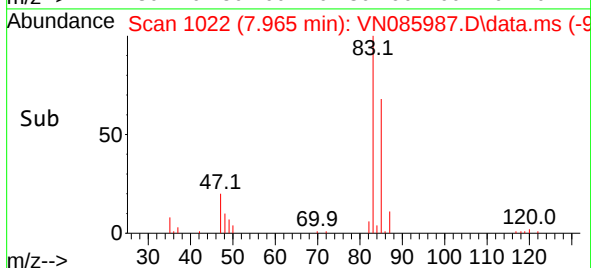
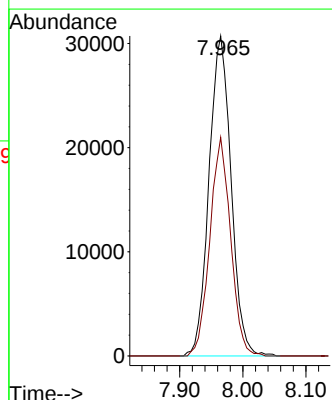
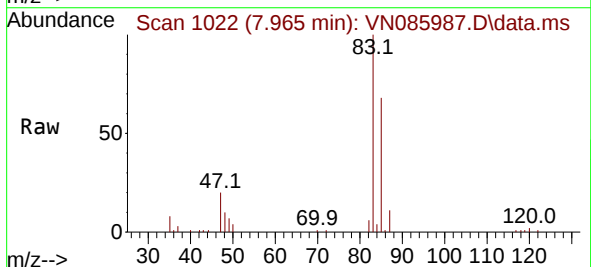
Manual Integrations
APPROVED

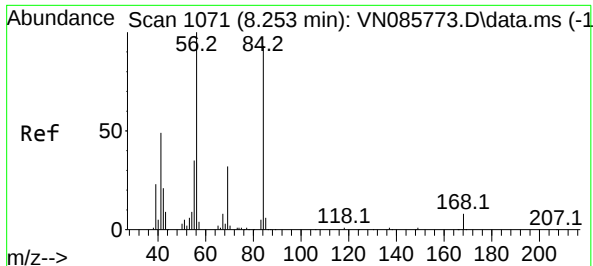
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#30
Chloroform
Concen: 18.784 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

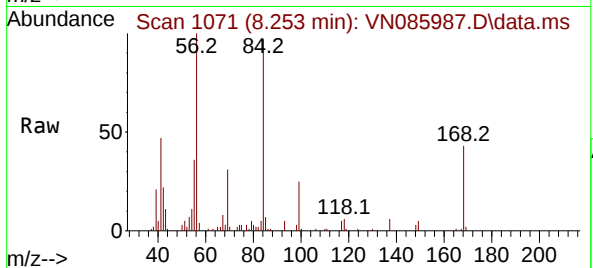
Tgt Ion: 83 Resp: 74614
Ion Ratio Lower Upper
83 100
85 68.3 50.9 76.3





#31
Cyclohexane
Concen: 17.884 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

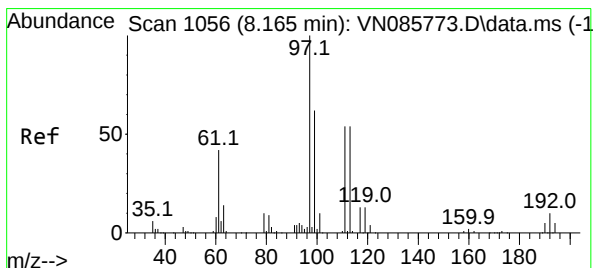
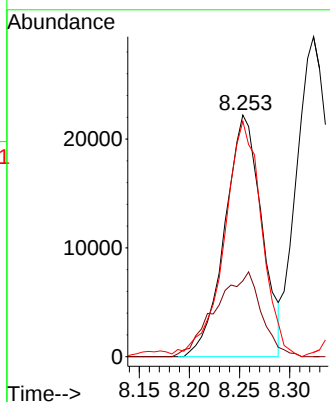
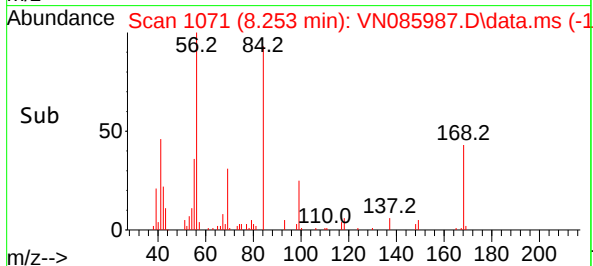
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



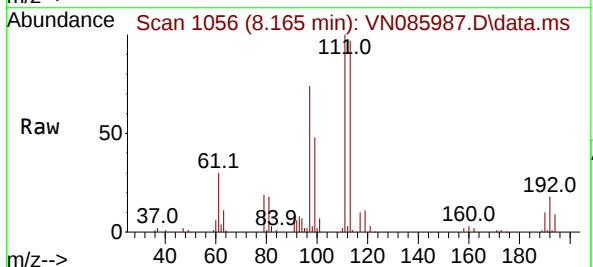
Tgt Ion: 56 Resp: 56910
Ion Ratio Lower Upper
56 100
69 30.2 25.8 38.6
84 94.5 74.5 111.7

Manual Integrations
APPROVED

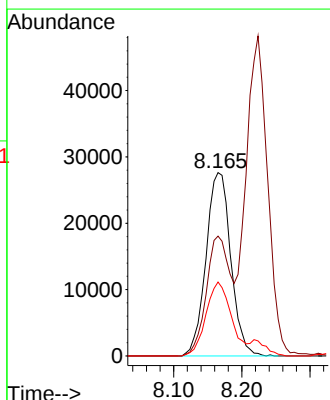
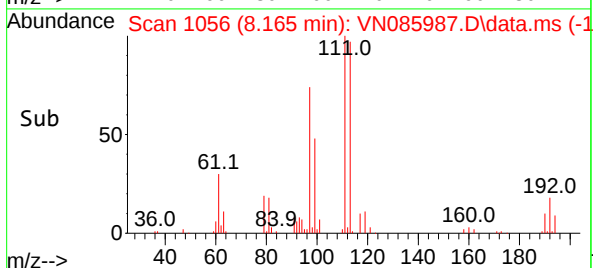
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

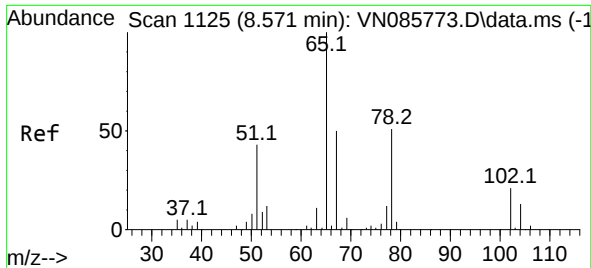


#32
1,1,1-Trichloroethane
Concen: 19.792 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48



Tgt Ion: 97 Resp: 69925
Ion Ratio Lower Upper
97 100
99 63.3 50.4 75.6
61 41.1 35.5 53.3





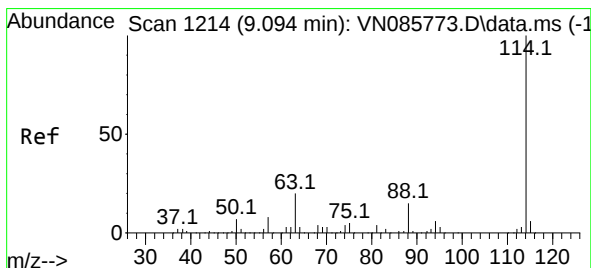
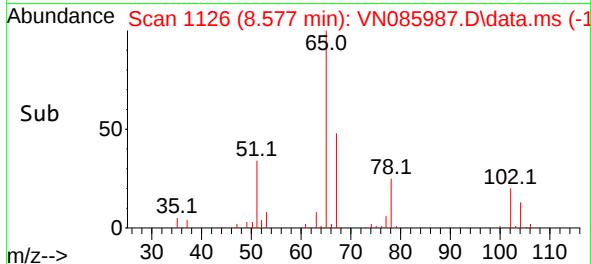
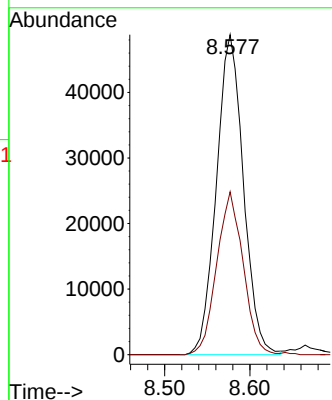
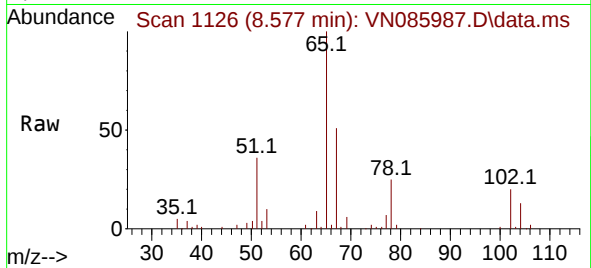
#33
1,2-Dichloroethane-d4
Concen: 48.157 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 65 Resp: 10730
Ion Ratio Lower Upper
65 100
67 49.8 0.0 106.2

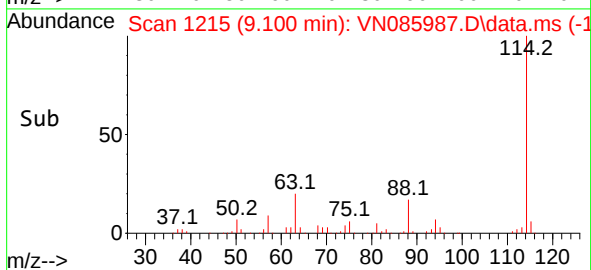
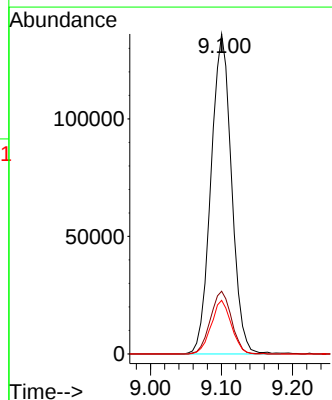
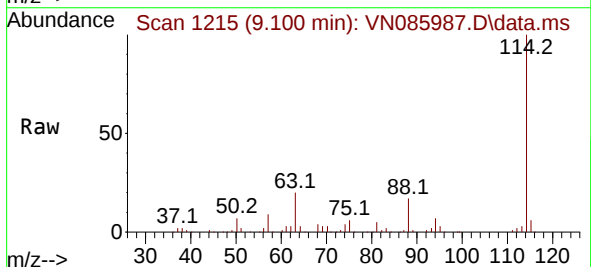
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Tgt Ion:114 Resp: 273333
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 16.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.452 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

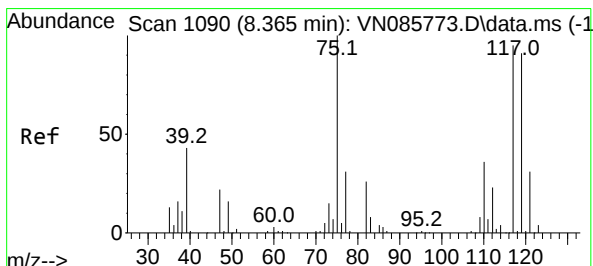
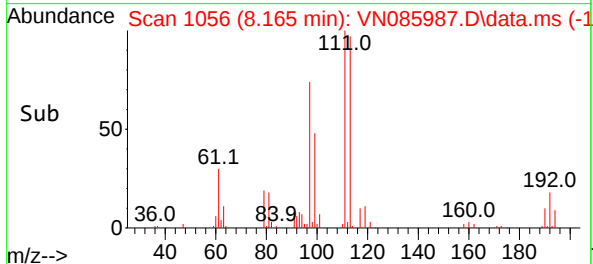
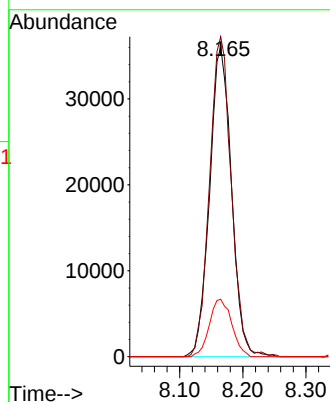
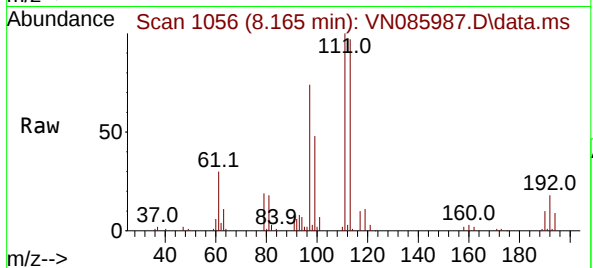
Tgt Ion:	113	Resp:	8665
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.2	123.4
192	19.0	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#36

1,1-Dichloropropene

Concen: 19.670 ug/l

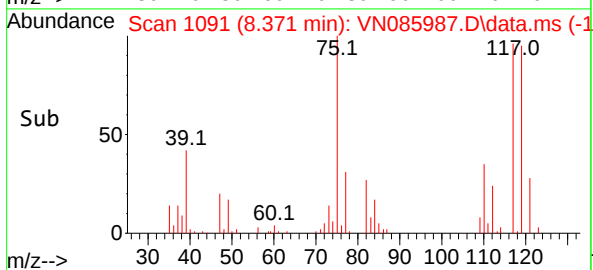
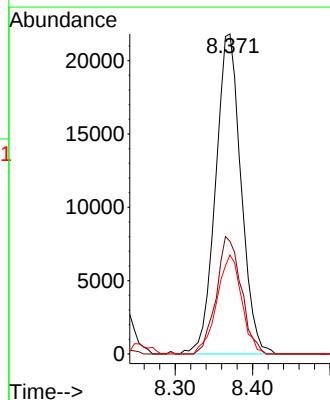
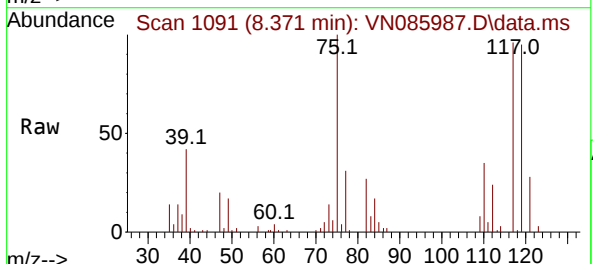
RT: 8.371 min Scan# 1091

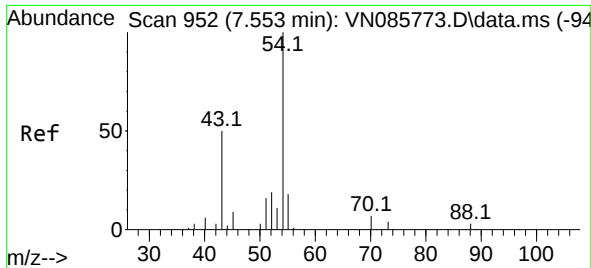
Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Tgt Ion:	75	Resp:	49790
Ion Ratio	Lower	Upper	
75	100		
110	35.9	17.3	52.0
77	30.2	24.6	37.0





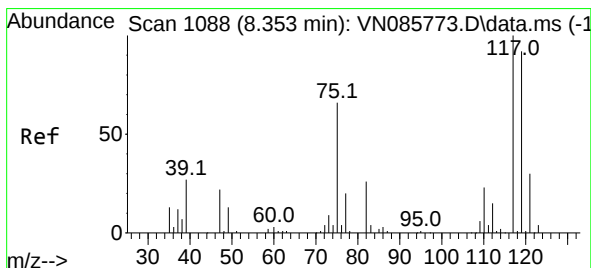
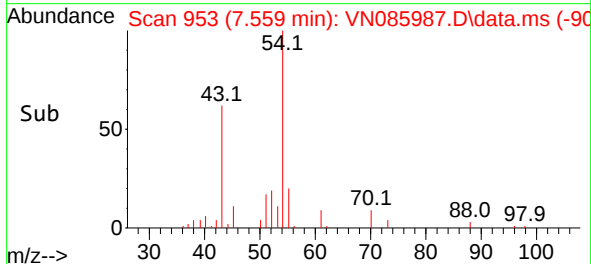
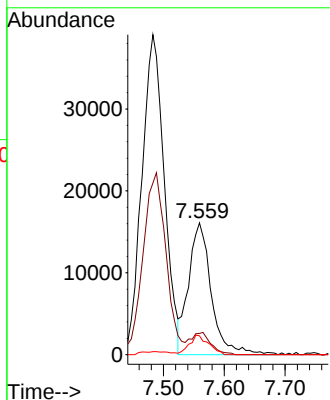
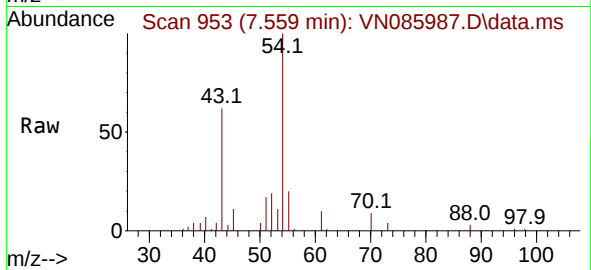
#37
Ethyl Acetate
Concen: 20.144 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 43 Resp: 41962
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.2
70 12.4 9.5 14.3

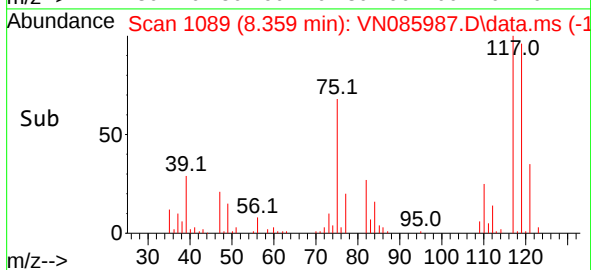
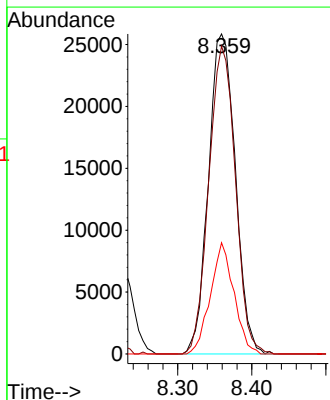
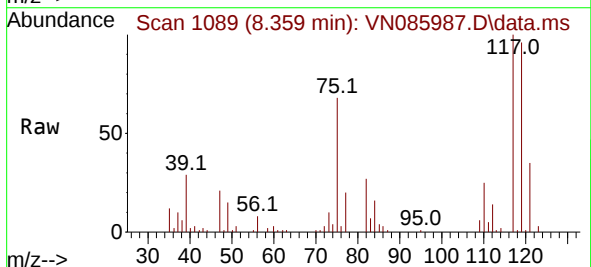
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#38
Carbon Tetrachloride
Concen: 21.681 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Tgt Ion:117 Resp: 65209
Ion Ratio Lower Upper
117 100
119 96.2 73.8 110.6
121 34.8 24.3 36.5





#39

Methylcyclohexane

Concen: 18.986 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion: 83 Resp: 47214

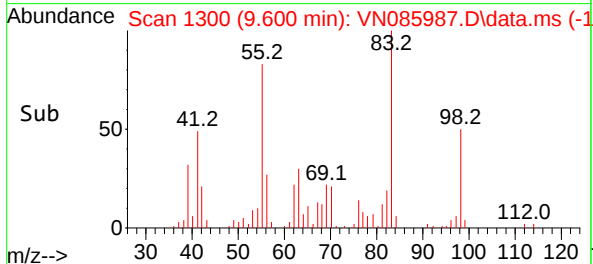
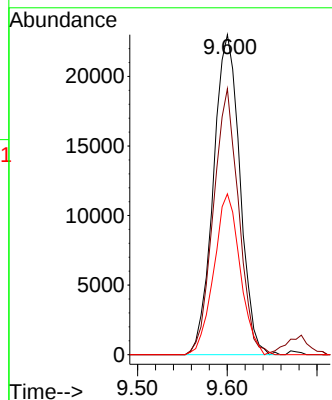
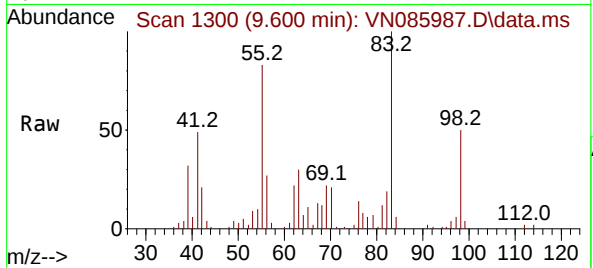
Ion	Ratio	Lower	Upper
83	100		
55	83.1	57.5	86.3
98	50.2	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#40

Benzene

Concen: 19.466 ug/l

RT: 8.606 min Scan# 1131

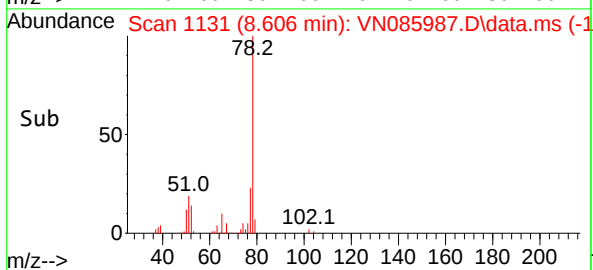
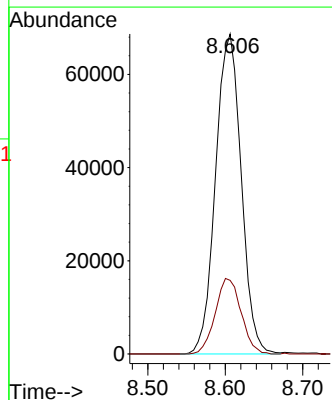
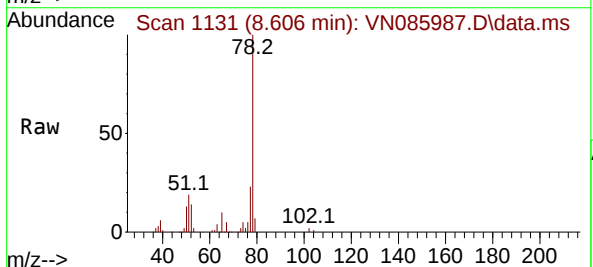
Delta R.T. 0.006 min

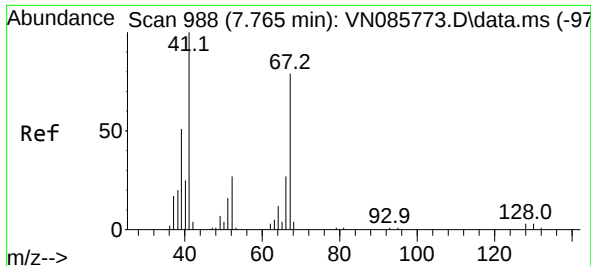
Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Tgt Ion: 78 Resp: 157928

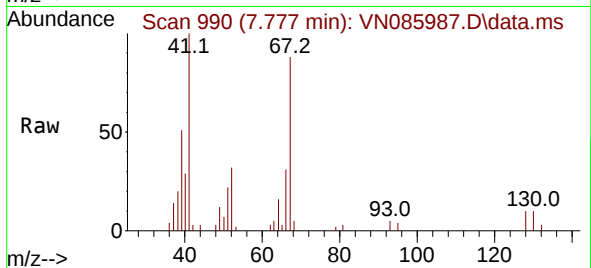
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.3	27.5





#41
Methacrylonitrile
Concen: 19.540 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

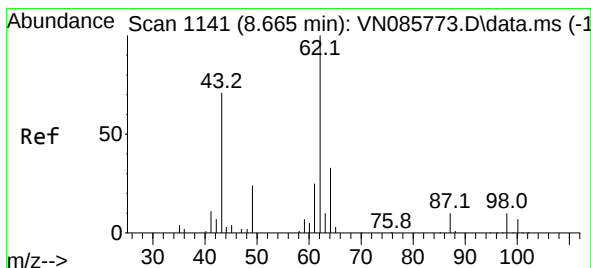
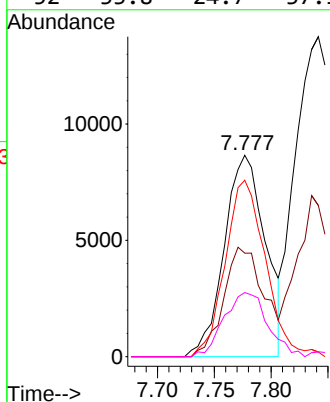
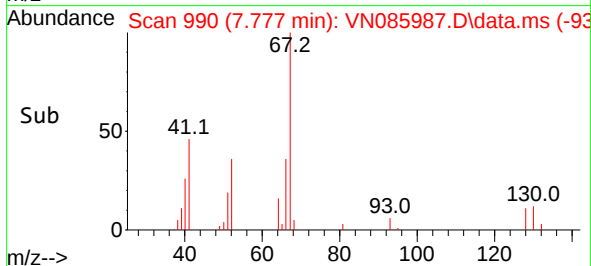
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



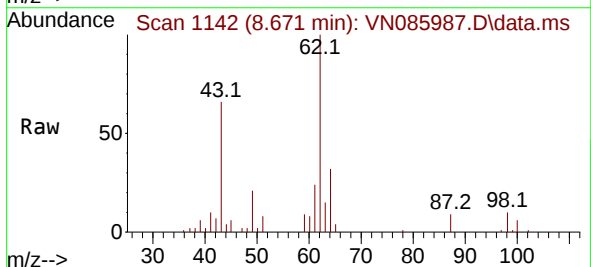
Tgt Ion: 41 Resp: 2175
Ion Ratio Lower Upper
41 100
39 53.4 42.0 63.0
67 86.0 64.2 96.4
52 33.8 24.7 37.1

Manual Integrations
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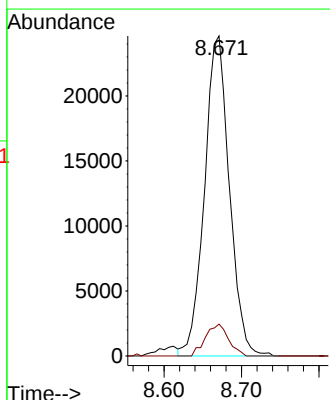
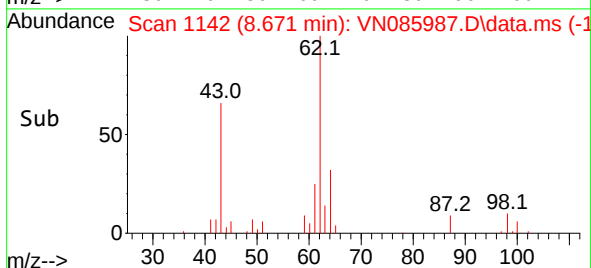
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#42
1,2-Dichloroethane
Concen: 20.772 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48



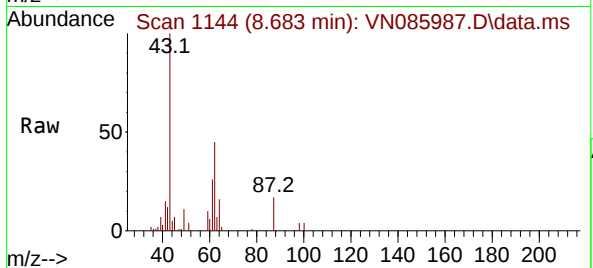
Tgt Ion: 62 Resp: 54892
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.6





#43
Isopropyl Acetate
Concen: 19.298 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

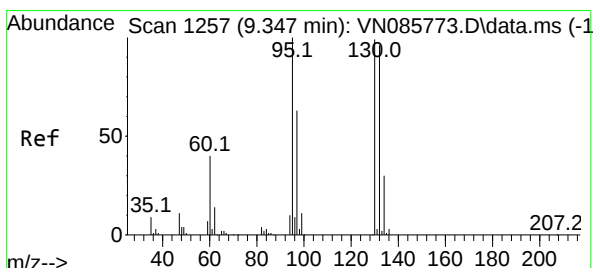
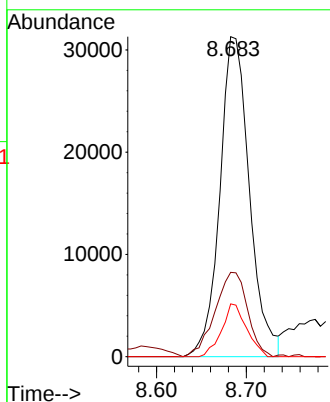
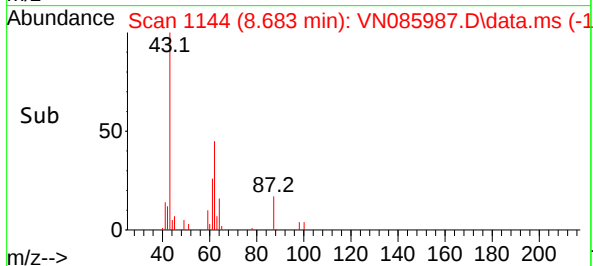
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



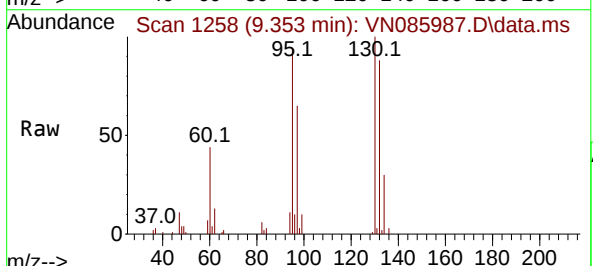
Tgt Ion: 43 Resp: 71770
Ion Ratio Lower Upper
43 100
61 28.9 22.6 34.0
87 13.9 11.8 17.8

Manual Integrations
APPROVED

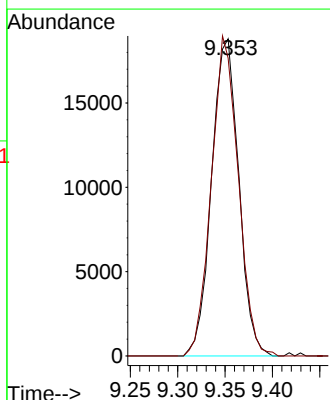
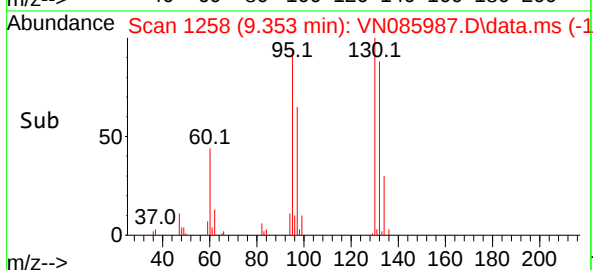
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#44
Trichloroethene
Concen: 18.804 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48



Tgt Ion:130 Resp: 37458
Ion Ratio Lower Upper
130 100
95 93.9 0.0 202.6





#45

1,2-Dichloropropane

Concen: 19.042 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion: 63 Resp: 37290

Ion Ratio Lower Upper

63 100

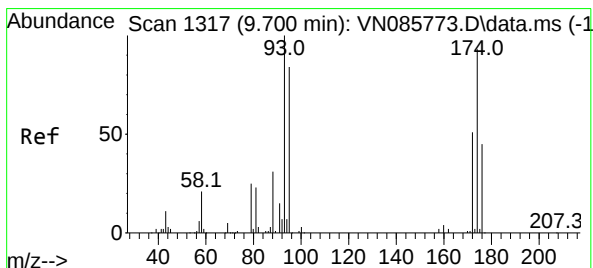
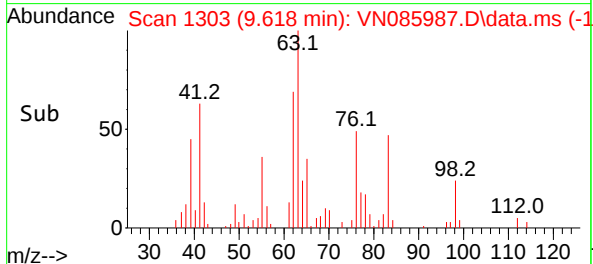
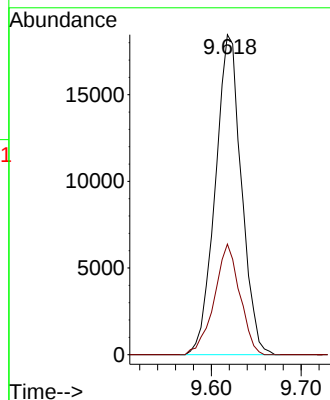
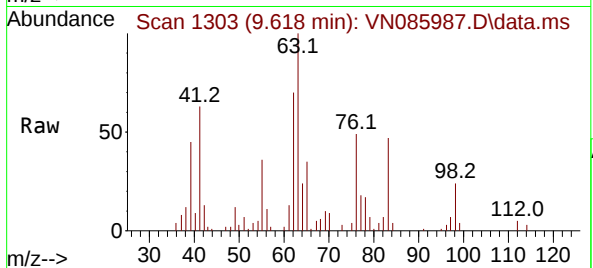
65 34.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#46

Dibromomethane

Concen: 20.313 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

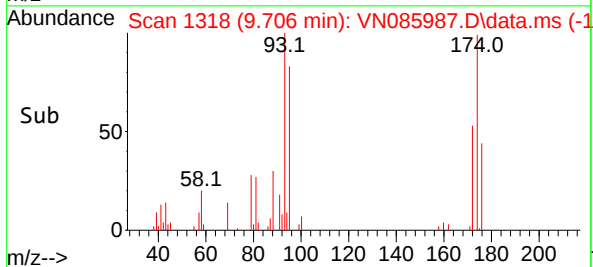
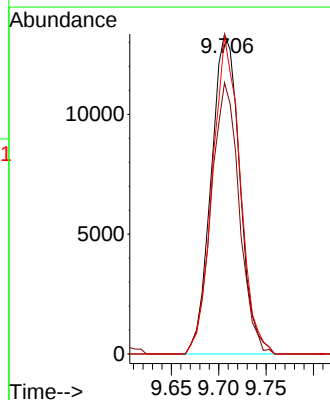
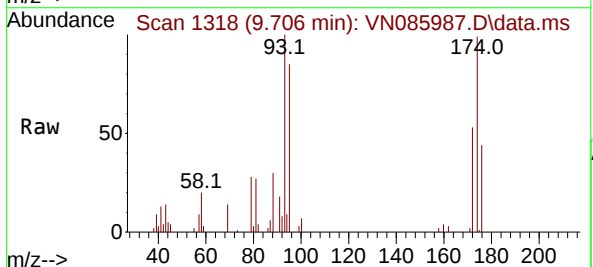
Tgt Ion: 93 Resp: 28059

Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

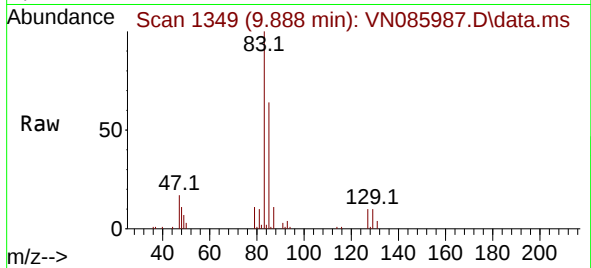
174 95.9 77.2 115.8





#47
Bromodichloromethane
Concen: 19.558 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

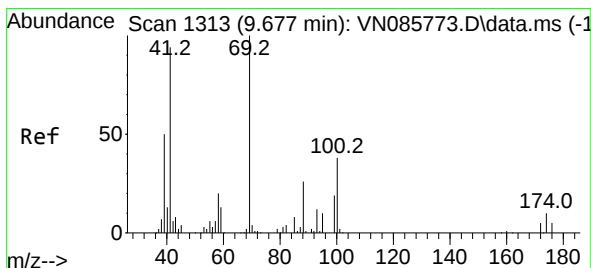
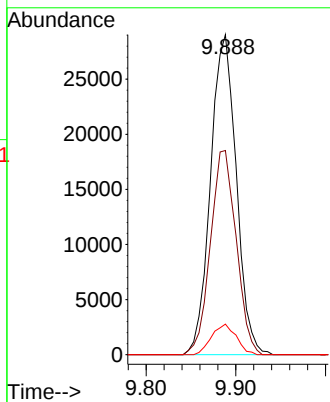
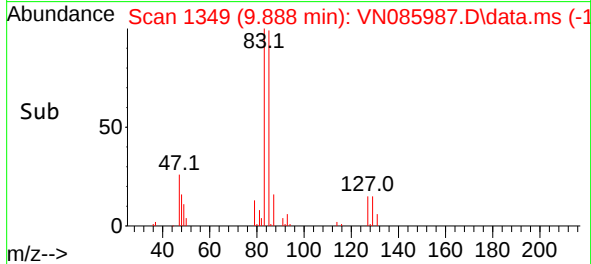
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



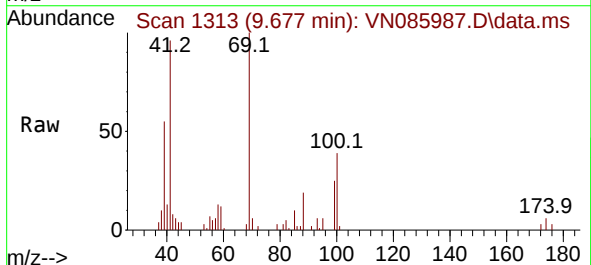
Tgt Ion: 83 Resp: 5780
Ion Ratio Lower Upper
83 100
85 63.8 50.5 75.7
127 9.5 7.2 10.8

Manual Integrations
APPROVED

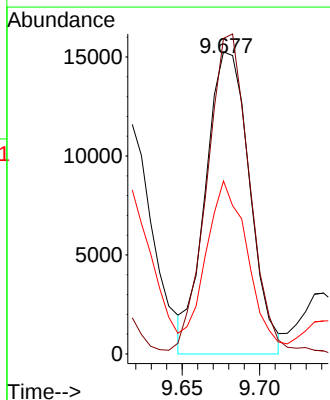
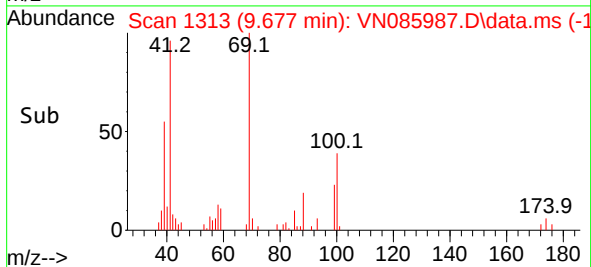
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

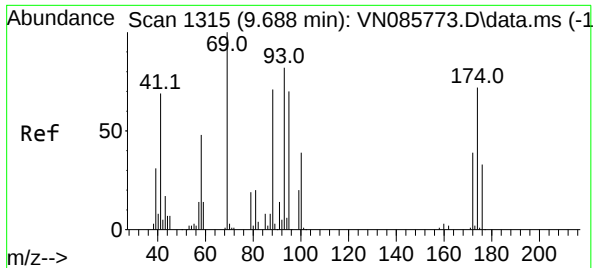


#48
Methyl methacrylate
Concen: 19.492 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48



Tgt Ion: 41 Resp: 30155
Ion Ratio Lower Upper
41 100
69 103.0 76.0 114.0
39 55.7 42.3 63.5





#49

1,4-Dioxane

Concen: 482.174 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

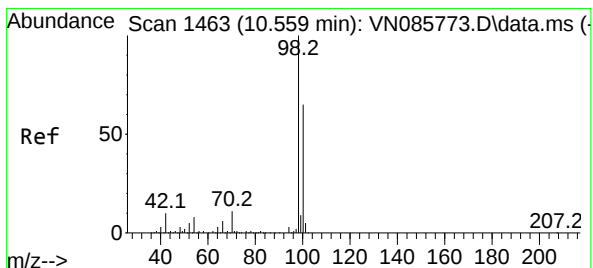
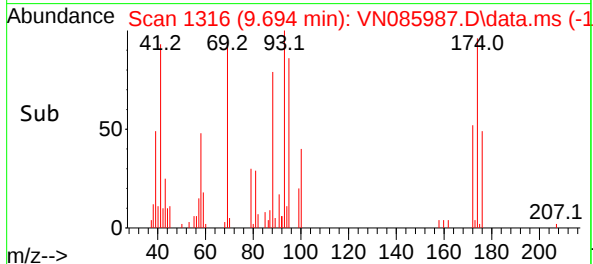
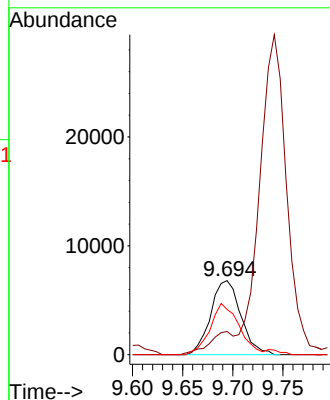
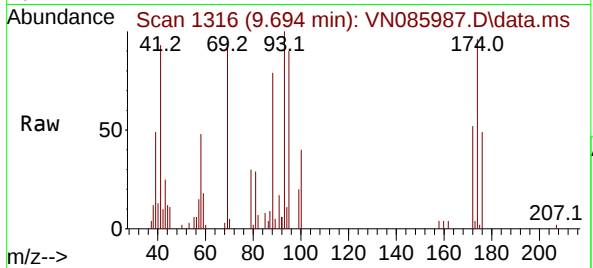
Tgt Ion: 88	Resp: 1418
Ion Ratio	Lower Upper
88	100
43	0.0 18.6 27.8
58	66.4 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#50

Toluene-d8

Concen: 47.432 ug/l

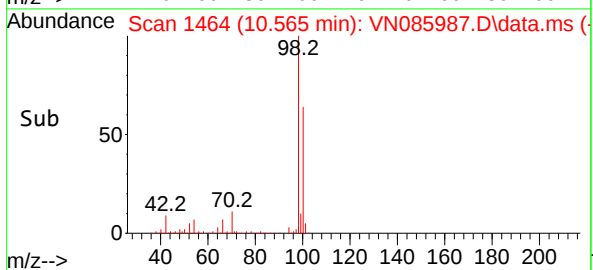
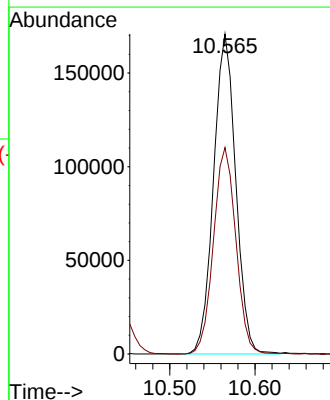
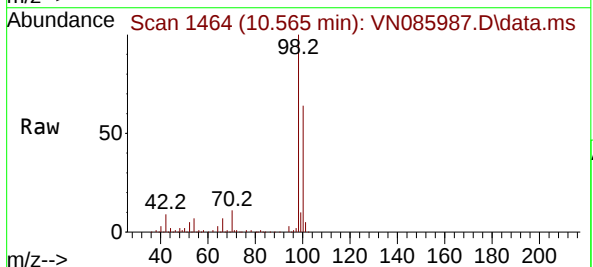
RT: 10.565 min Scan# 1464

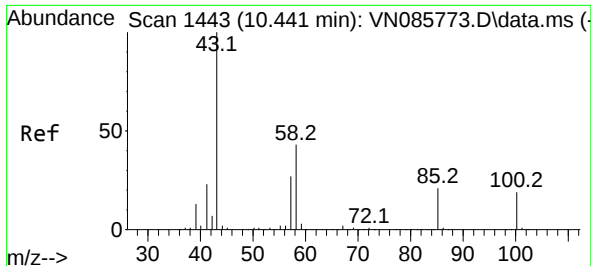
Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

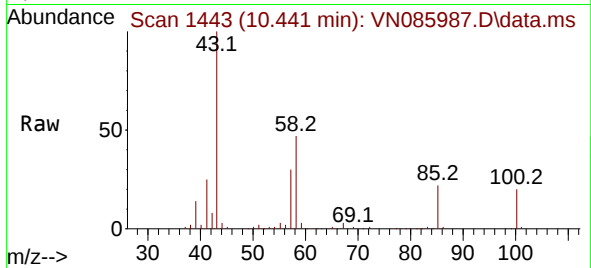
Tgt Ion: 98	Resp: 308653
Ion Ratio	Lower Upper
98	100
100	65.3 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 102.736 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

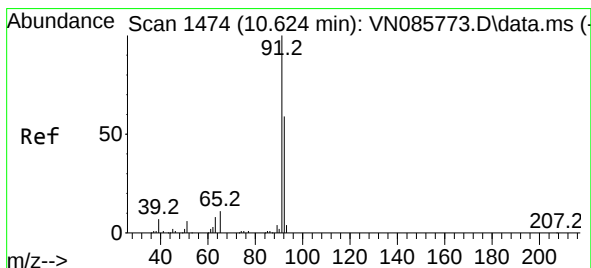
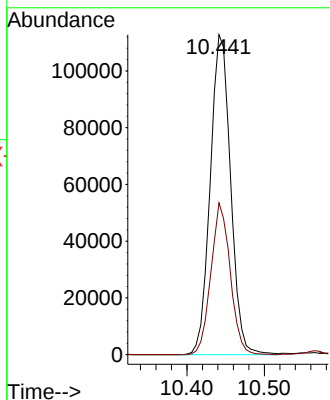
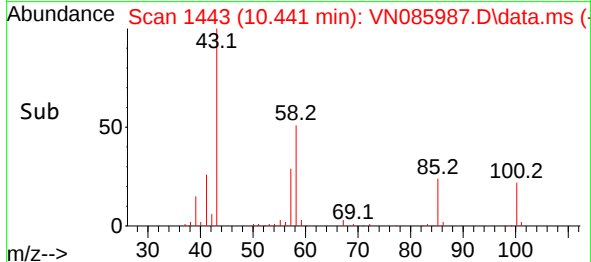
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



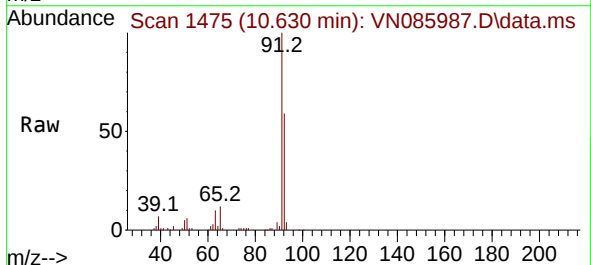
Tgt Ion: 43 Resp: 206339
Ion Ratio Lower Upper
43 100
58 44.9 34.6 52.0

Manual Integrations
APPROVED

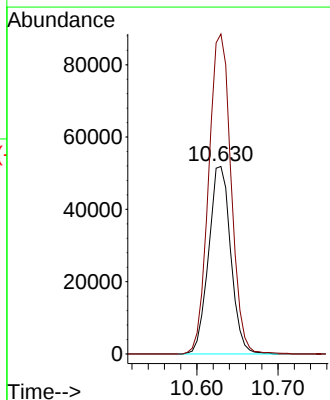
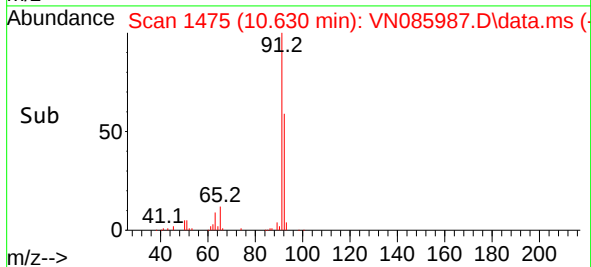
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#52
Toluene
Concen: 20.625 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48



Tgt Ion: 92 Resp: 98087
Ion Ratio Lower Upper
92 100
91 173.4 136.9 205.3





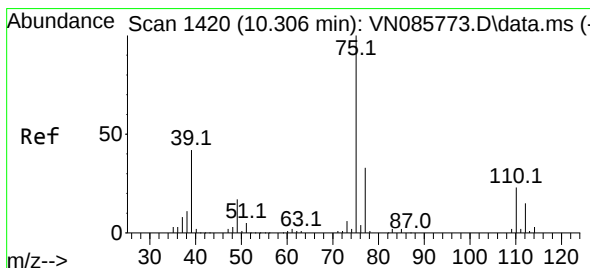
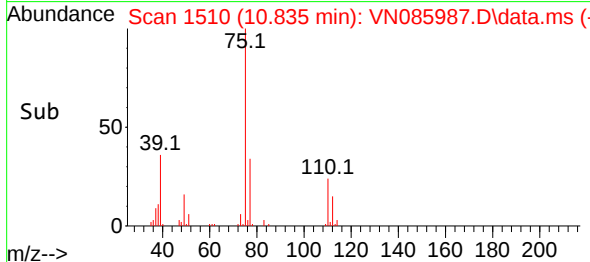
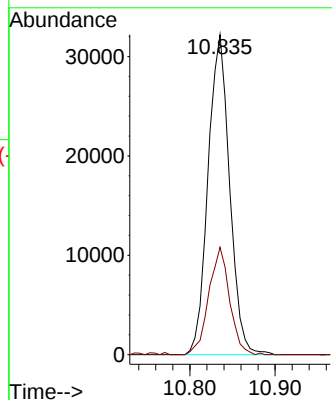
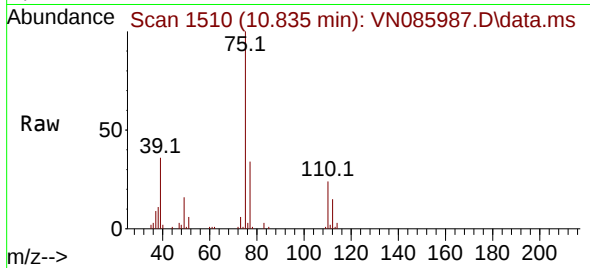
#53
t-1,3-Dichloropropene
Concen: 20.702 ug/l
RT: 10.835 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 75 Resp: 56574
Ion Ratio Lower Upper
75 100
77 33.6 25.4 38.0

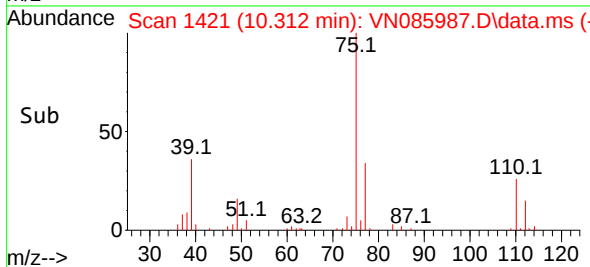
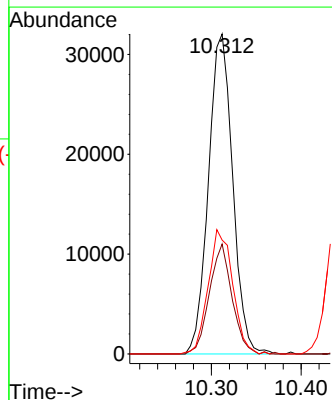
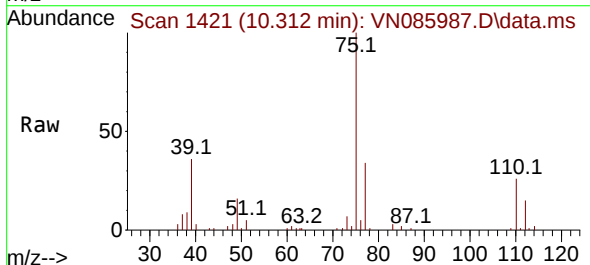
Manual Integrations
APPROVED

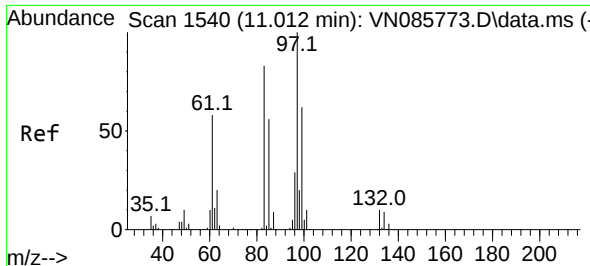
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#54
cis-1,3-Dichloropropene
Concen: 20.058 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

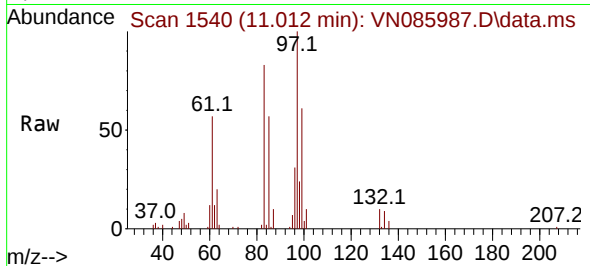
Tgt Ion: 75 Resp: 60106
Ion Ratio Lower Upper
75 100
77 34.3 26.1 39.1
39 35.6 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 20.037 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

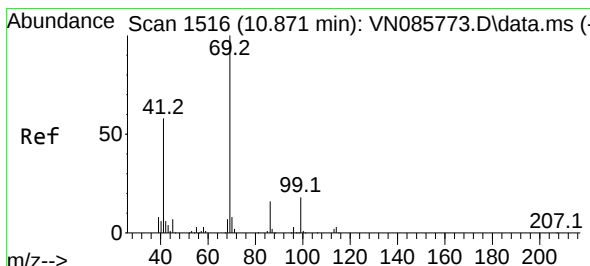
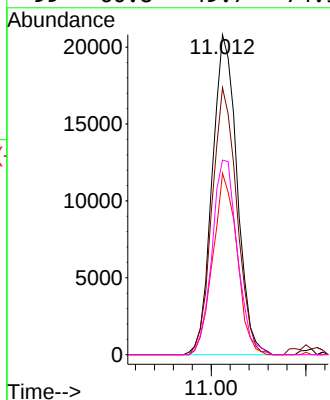
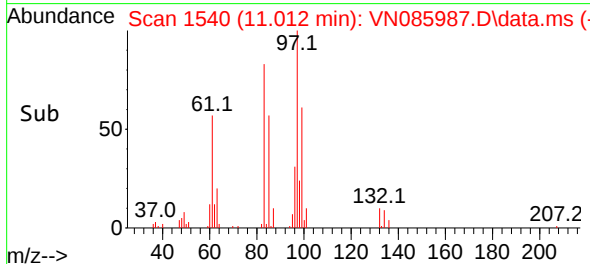
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



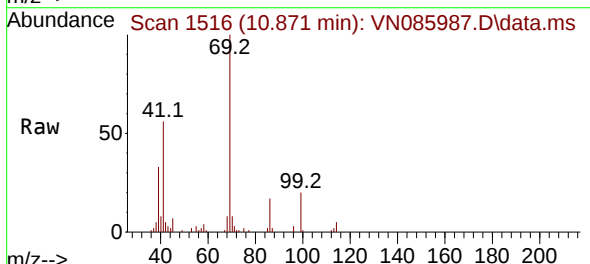
Tgt Ion: 97	Resp: 3788
Ion Ratio	Lower Upper
97 100	
83 83.5	66.1 99.1
85 56.6	44.7 67.1
99 60.8	49.7 74.5

Manual Integrations
APPROVED

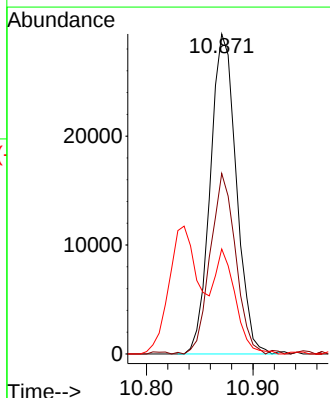
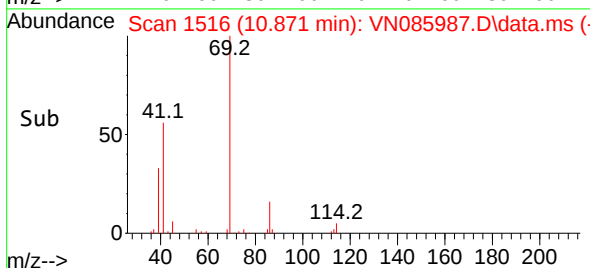
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

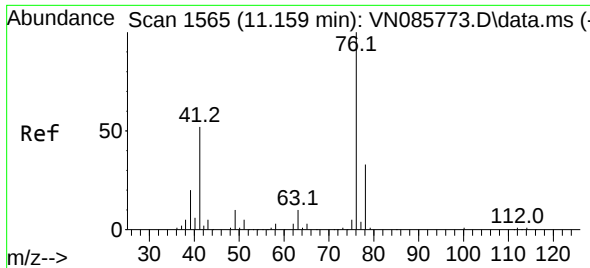


#56
Ethyl methacrylate
Concen: 19.959 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48



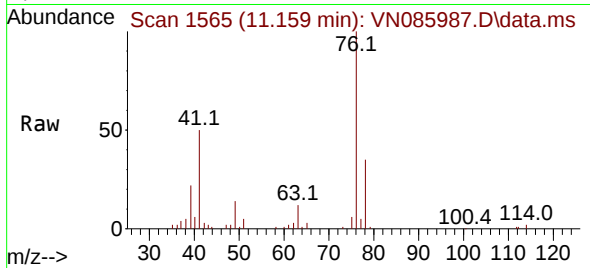
Tgt Ion: 69	Resp: 49841
Ion Ratio	Lower Upper
69 100	
41 55.1	46.0 69.0
39 25.7	22.0 33.0





#57
1,3-Dichloropropane
Concen: 19.481 ug/l
RT: 11.159 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

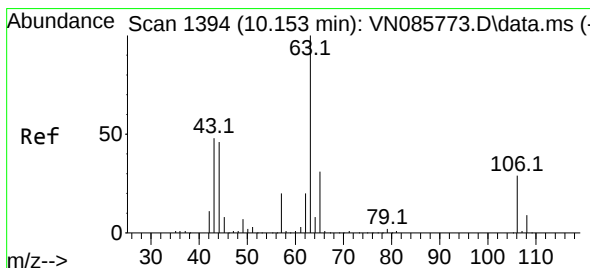
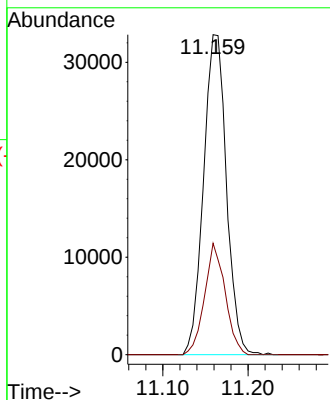
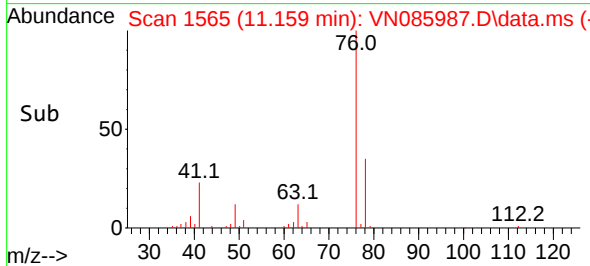
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



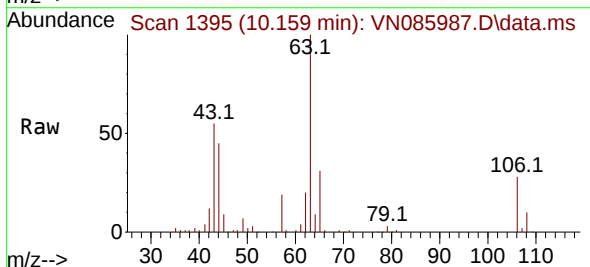
Tgt Ion: 76 Resp: 6149
Ion Ratio Lower Upper
76 100
78 31.2 25.9 38.9

Manual Integrations
APPROVED

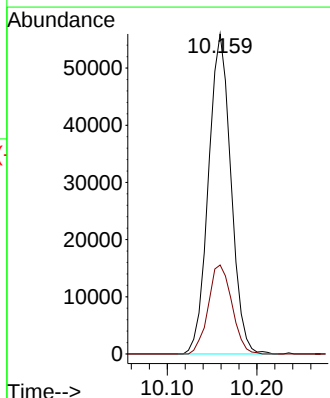
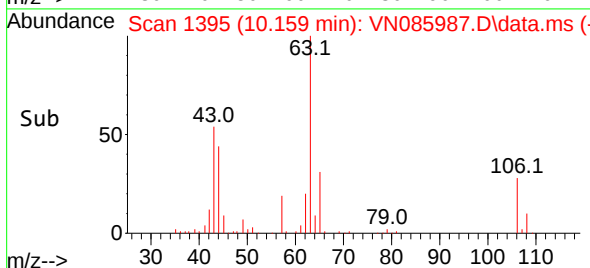
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

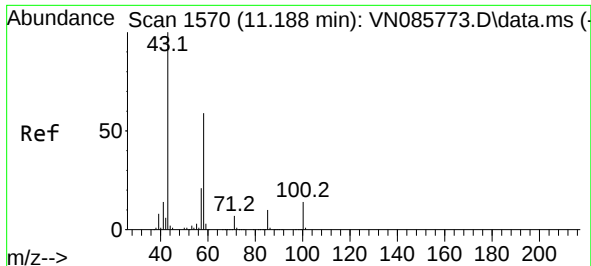


#58
2-Chloroethyl Vinyl ether
Concen: 107.578 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48



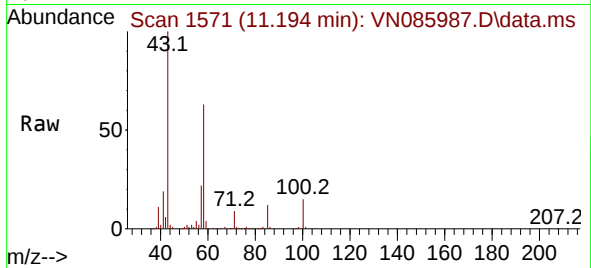
Tgt Ion: 63 Resp: 97269
Ion Ratio Lower Upper
63 100
106 29.3 22.7 34.1





#59
2-Hexanone
Concen: 109.311 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

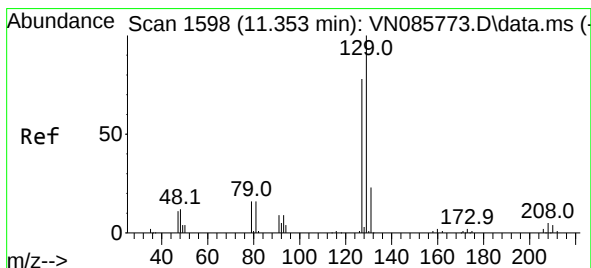
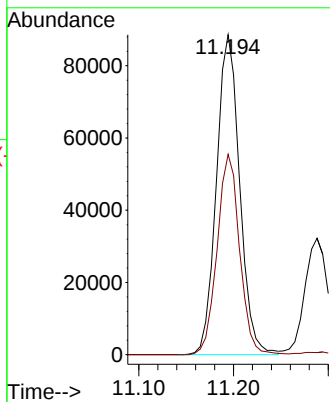
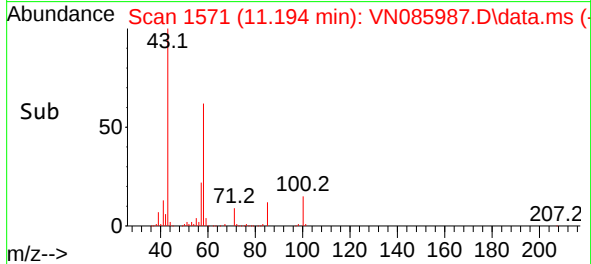
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 43 Resp: 15103
Ion Ratio Lower Upper
43 100
58 60.6 29.8 89.5

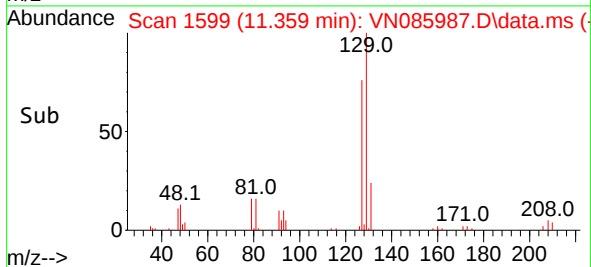
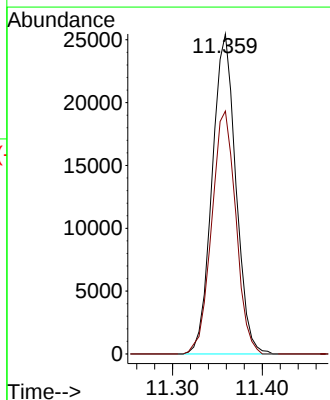
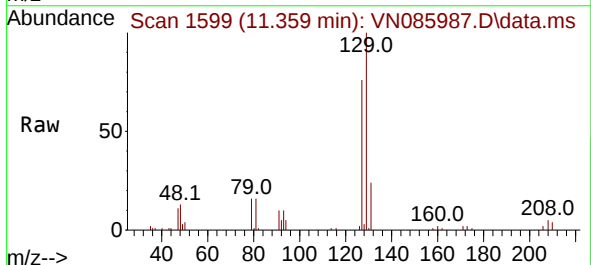
Manual Integrations
APPROVED

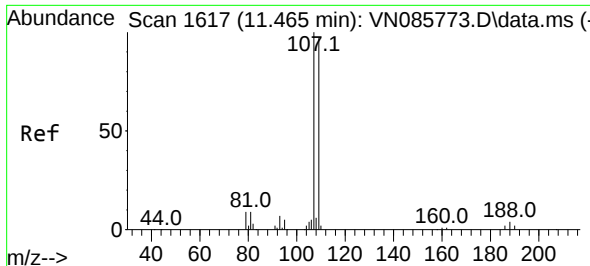
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#60
Dibromochloromethane
Concen: 21.180 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Tgt Ion:129 Resp: 46633
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.5





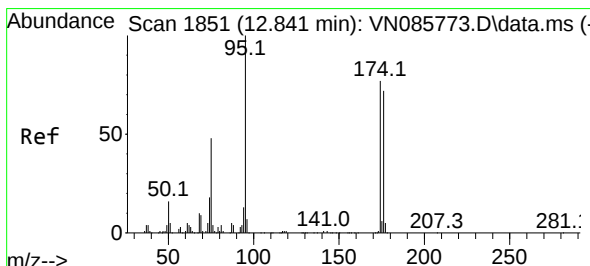
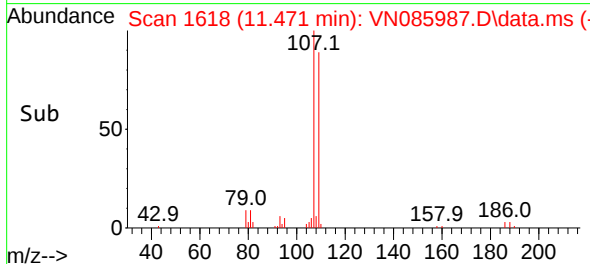
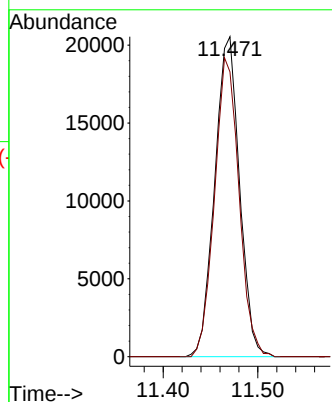
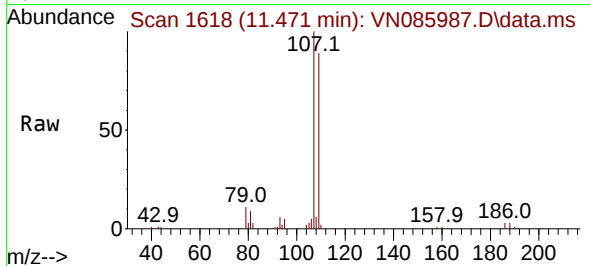
#61
1,2-Dibromoethane
Concen: 20.954 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion:107 Resp: 37430
Ion Ratio Lower Upper
107 100
109 92.2 76.0 114.0

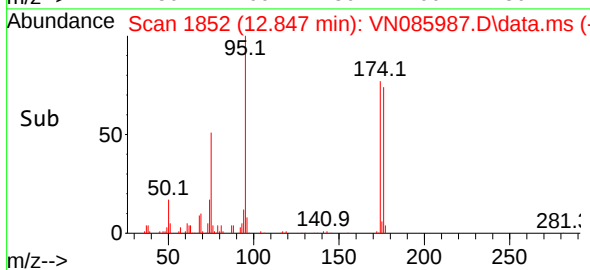
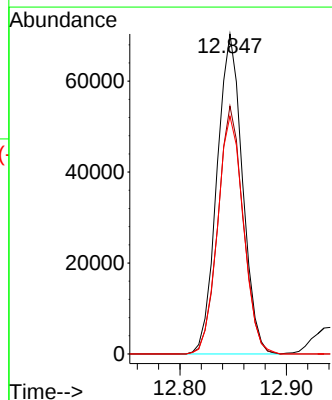
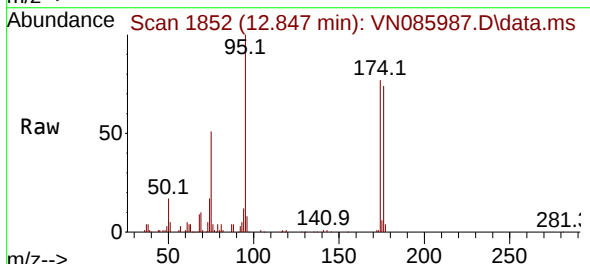
Manual Integrations
APPROVED

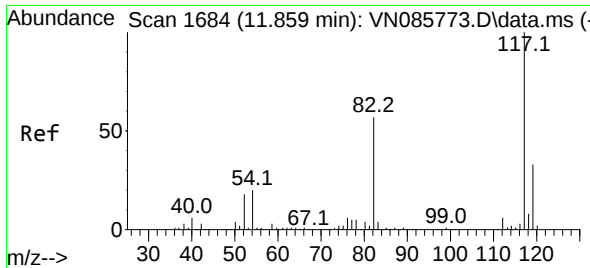
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#62
4-Bromofluorobenzene
Concen: 54.557 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

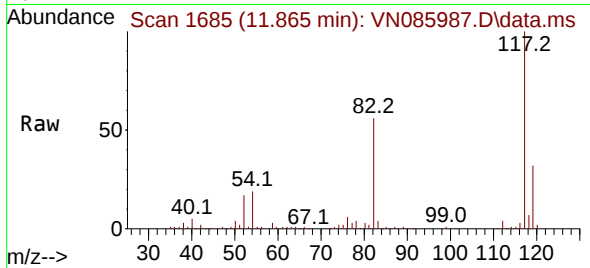
Tgt Ion: 95 Resp: 116972
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.4
176 75.5 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

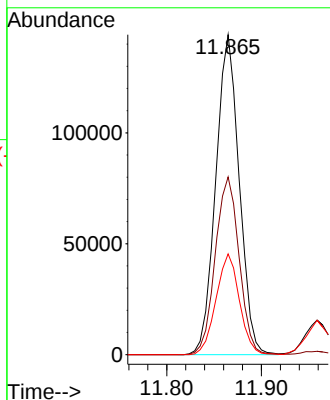
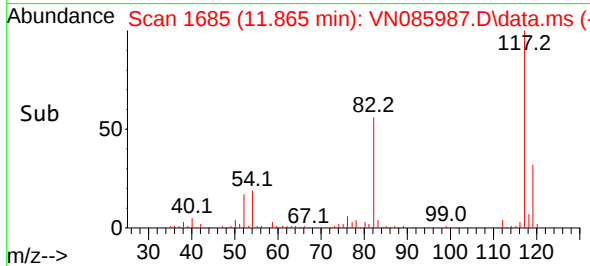
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion:117 Resp: 248299
Ion Ratio Lower Upper
117 100
82 55.6 45.7 68.5
119 31.5 26.2 39.2

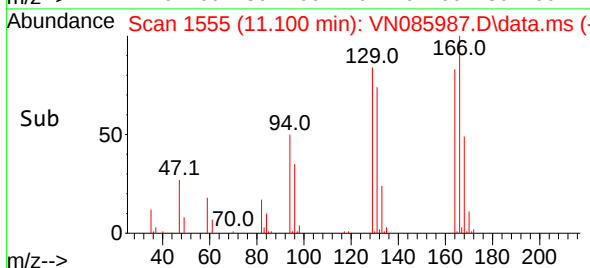
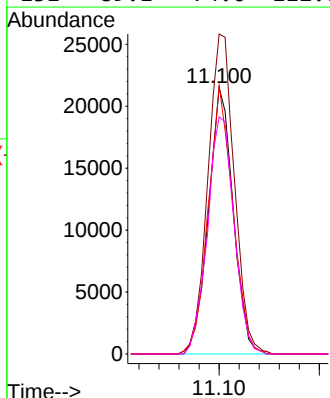
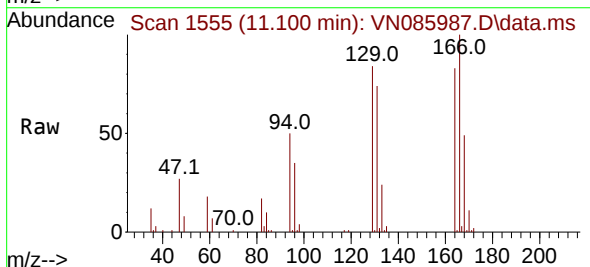
Manual Integrations
APPROVED

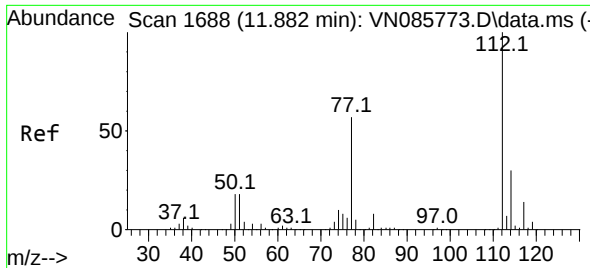
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#64
Tetrachloroethene
Concen: 19.214 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

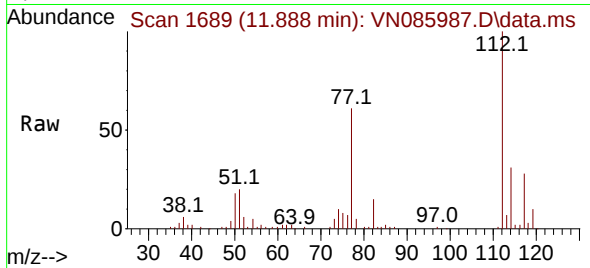
Tgt Ion:164 Resp: 36960
Ion Ratio Lower Upper
164 100
166 120.2 107.2 160.8
129 100.8 80.7 121.1
131 89.1 74.6 112.0





#65
Chlorobenzene
Concen: 18.564 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

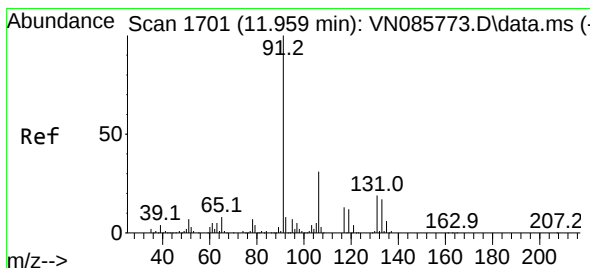
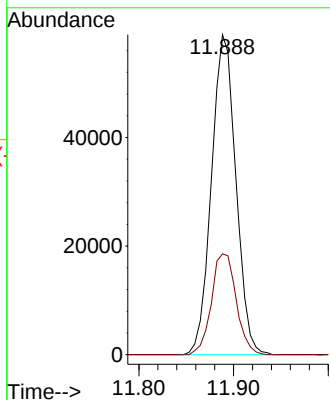
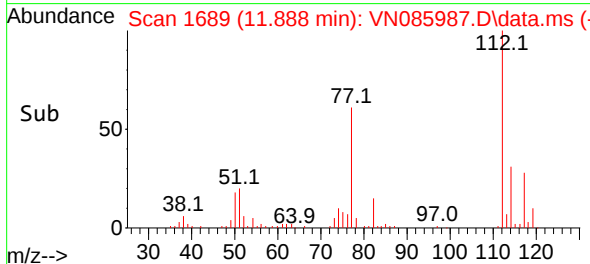
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion:112 Resp: 105594
Ion Ratio Lower Upper
112 100
114 31.5 24.3 36.5

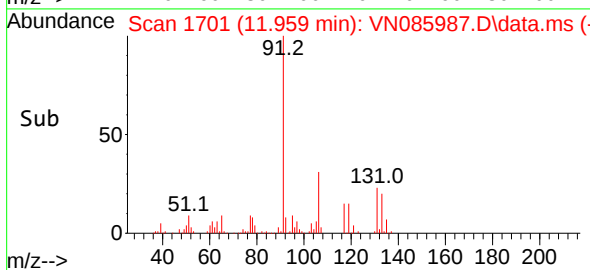
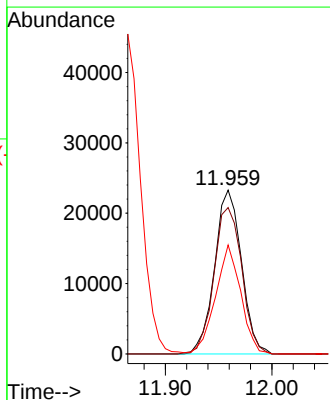
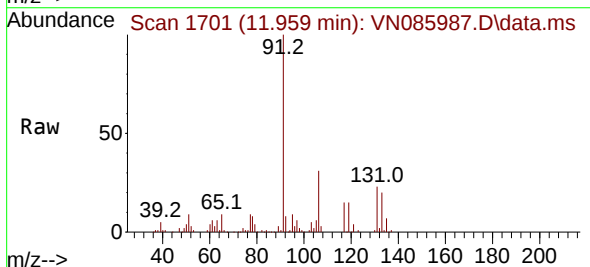
Manual Integrations
APPROVED

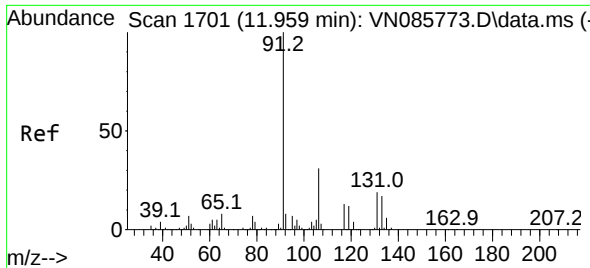
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.975 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

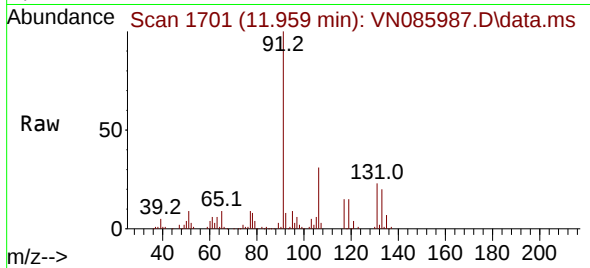
Tgt Ion:131 Resp: 40840
Ion Ratio Lower Upper
131 100
133 92.7 47.7 143.1
119 62.5 33.3 99.8





#67
Ethyl Benzene
Concen: 19.616 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

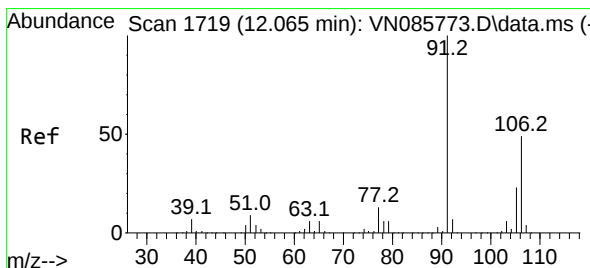
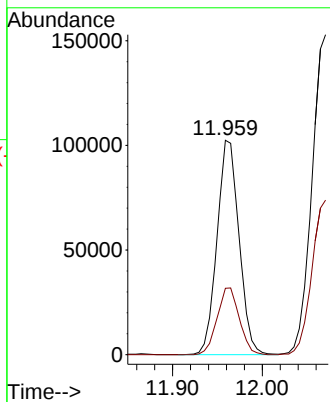
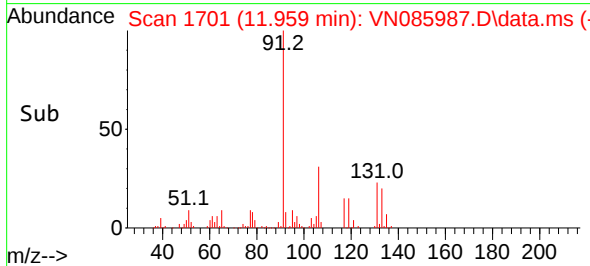
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



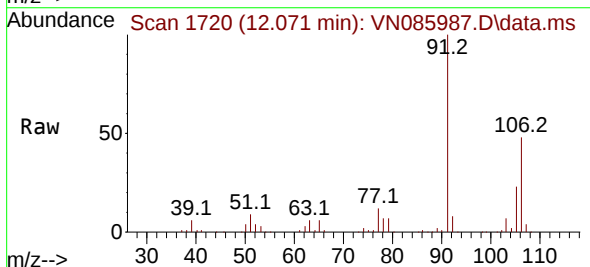
Tgt Ion: 91 Resp: 174780
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1

Manual Integrations
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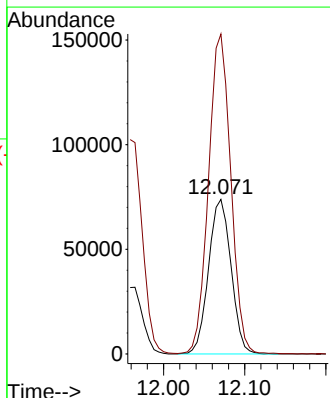
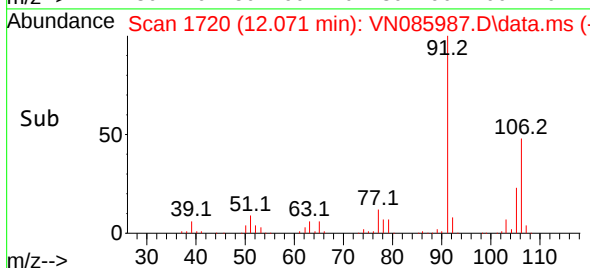
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#68
m/p-Xylenes
Concen: 42.082 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48



Tgt Ion:106 Resp: 142429
Ion Ratio Lower Upper
106 100
91 205.2 163.3 244.9





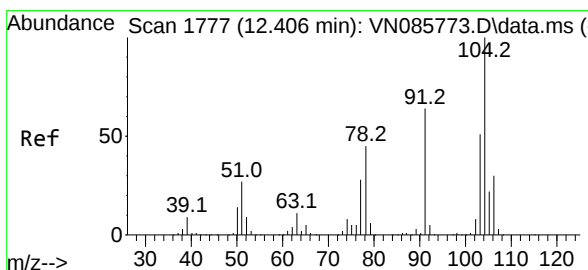
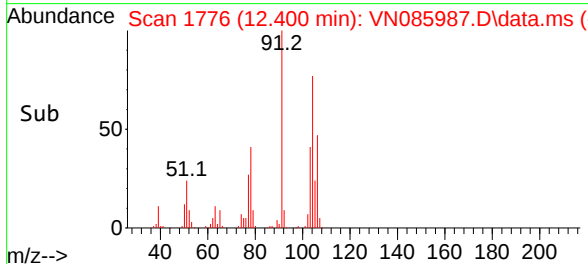
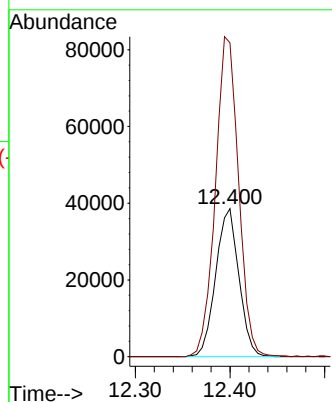
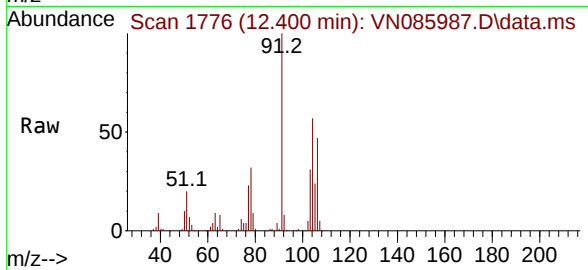
#69
o-Xylene
Concen: 20.403 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion:106 Resp: 65620
Ion Ratio Lower Upper
106 100
91 216.4 107.1 321.4

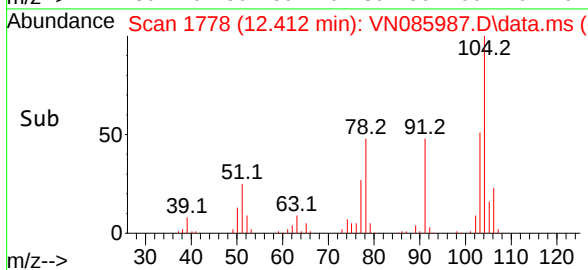
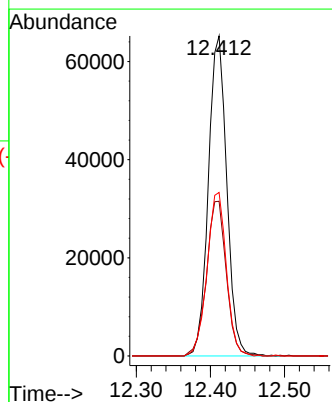
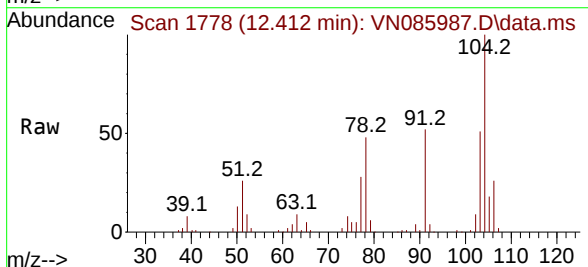
Manual Integrations
APPROVED

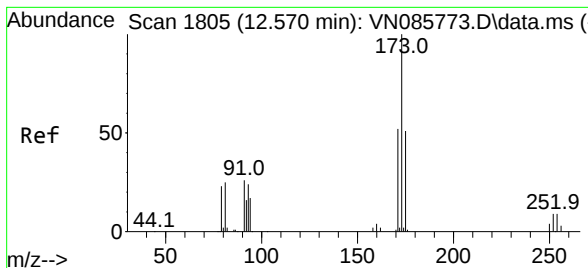
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#70
Styrene
Concen: 20.240 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

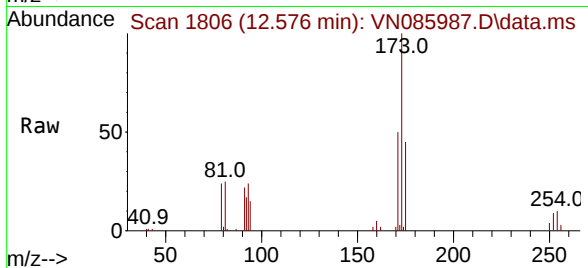
Tgt Ion:104 Resp: 112316
Ion Ratio Lower Upper
104 100
78 52.0 39.0 58.6
103 53.8 43.3 64.9





#71
Bromoform
Concen: 22.064 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

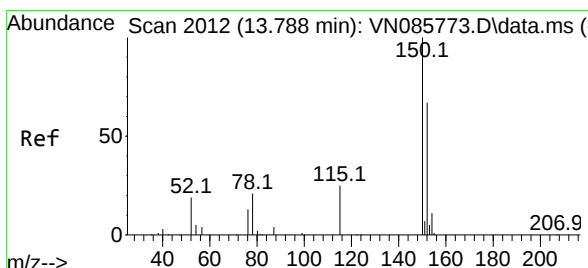
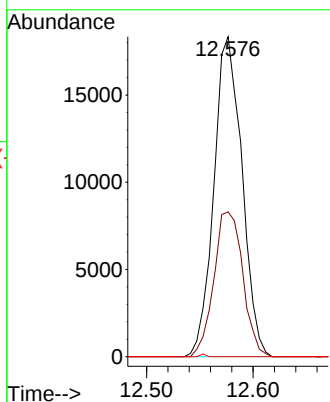
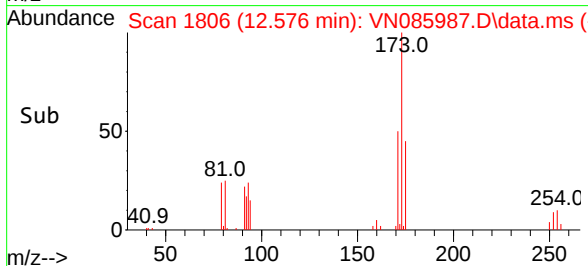
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



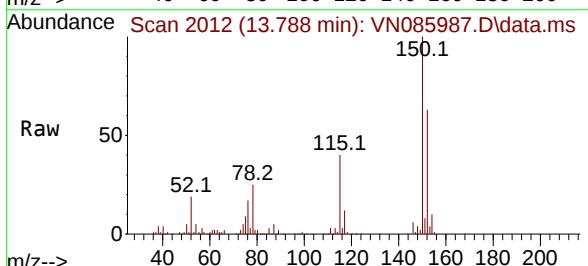
Tgt Ion:173 Resp: 33519
Ion Ratio Lower Upper
173 100
175 46.7 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

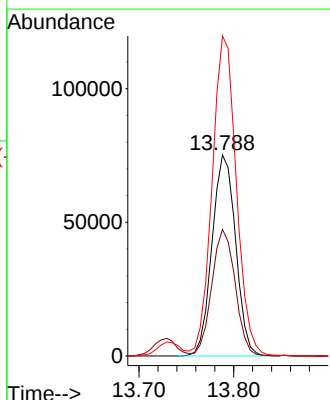
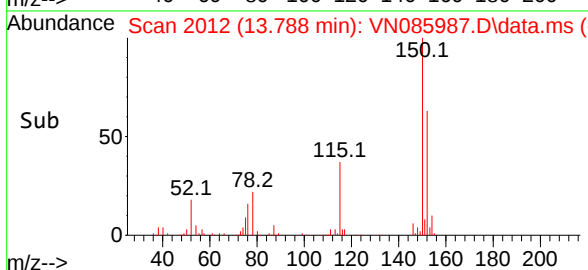
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

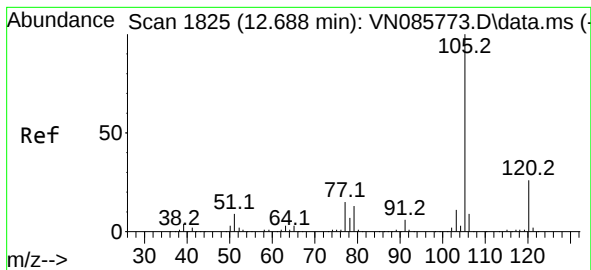


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48



Tgt Ion:152 Resp: 130109
Ion Ratio Lower Upper
152 100
115 62.5 30.4 91.3
150 163.4 0.0 345.4





#73

Isopropylbenzene

Concen: 18.547 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion:105 Resp: 16532

Ion Ratio Lower Upper

105 100

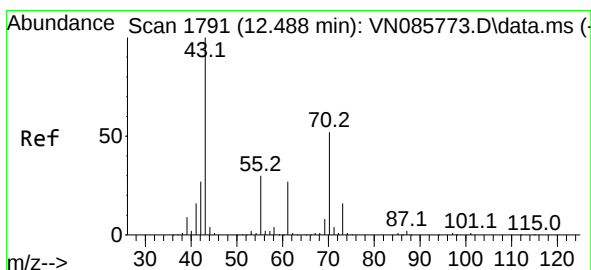
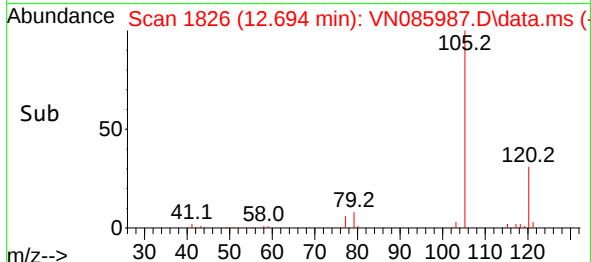
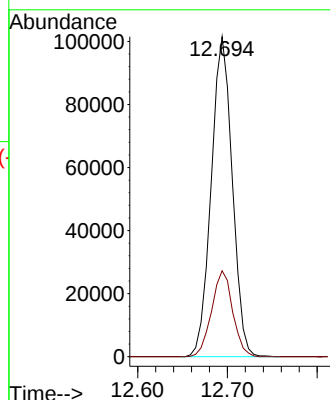
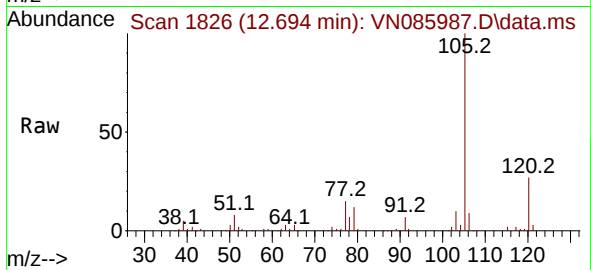
120 26.9 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#74

N-ethyl acetate

Concen: 17.786 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085987.D

Acq: 14 Mar 2025 13:48

Tgt Ion: 43 Resp: 55908

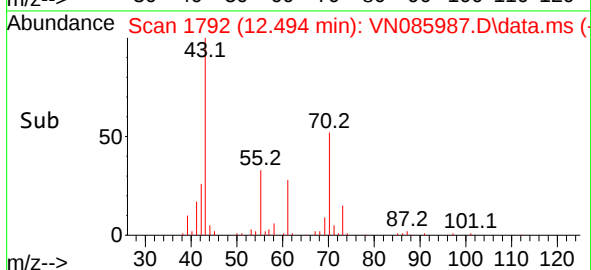
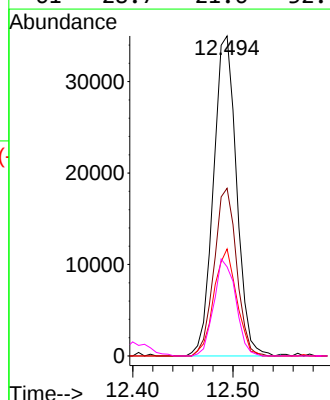
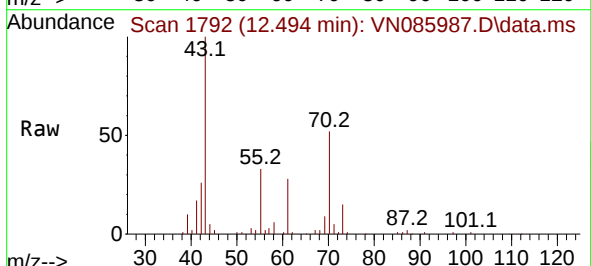
Ion Ratio Lower Upper

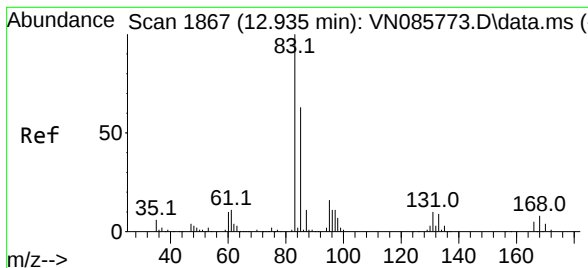
43 100

70 51.0 41.0 61.4

55 33.0 24.6 36.8

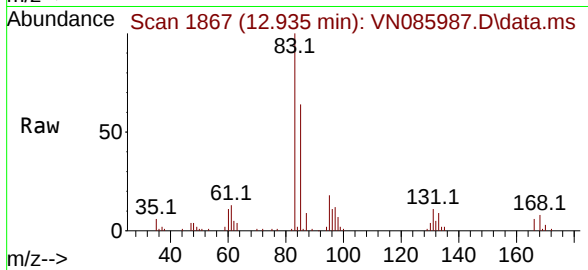
61 28.7 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 17.703 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

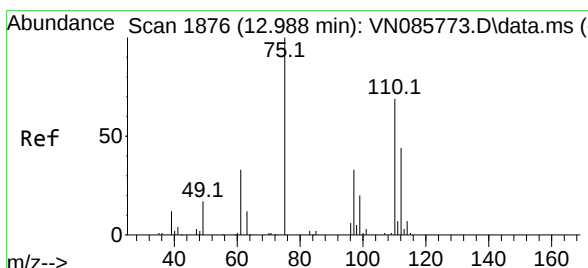
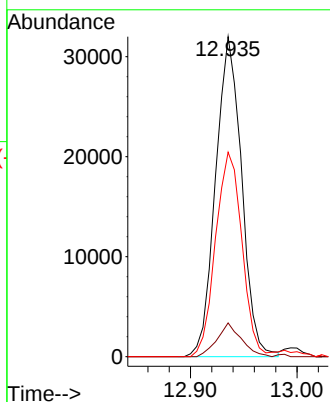
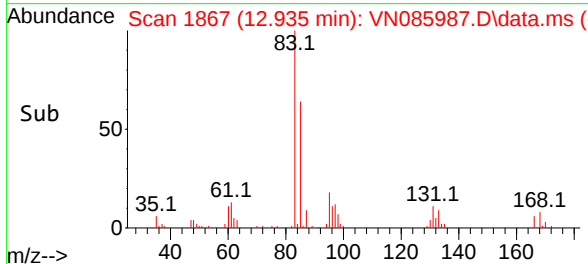
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



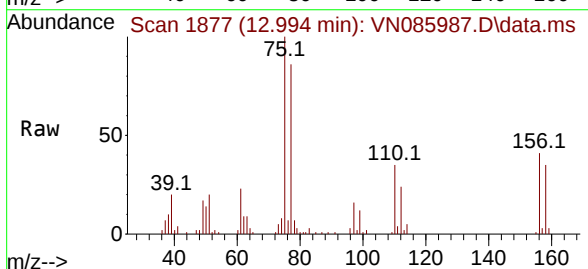
Tgt Ion: 83 Resp: 54300
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 64.9 32.2 96.6

Manual Integrations
APPROVED

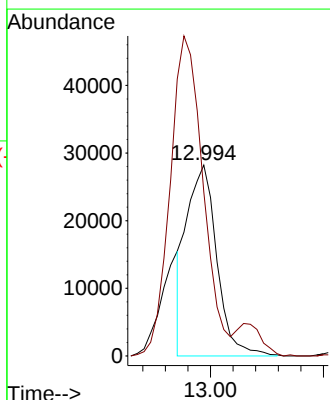
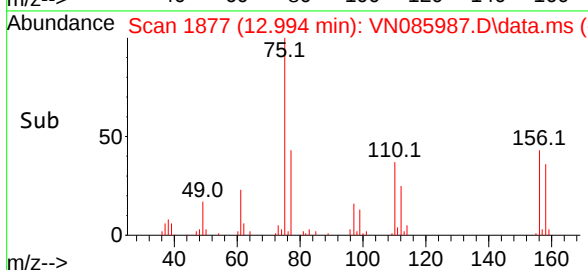
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

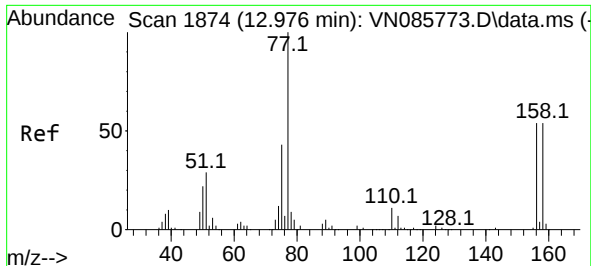


#76
1,2,3-Trichloropropane
Concen: 18.133 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48



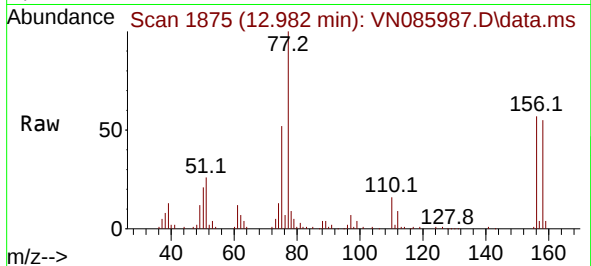
Tgt Ion: 75 Resp: 52408
Ion Ratio Lower Upper
75 100
77 182.7 100.0 300.0





#77
Bromobenzene
Concen: 18.990 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

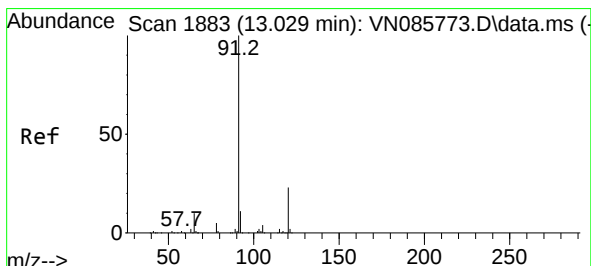
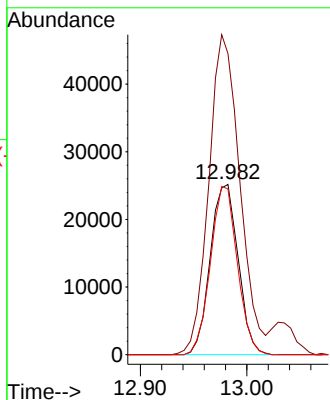
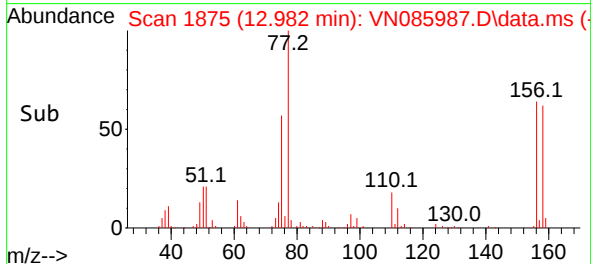
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion:156 Resp: 4573
Ion Ratio Lower Upper
156 100
77 209.4 104.1 312.3
158 95.5 48.1 144.4

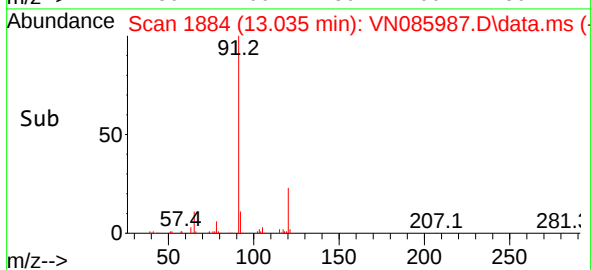
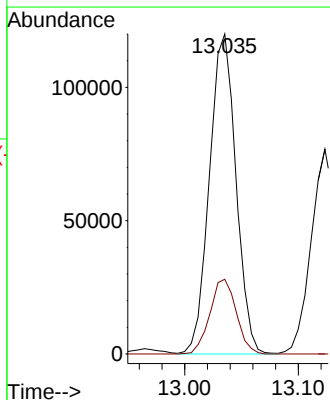
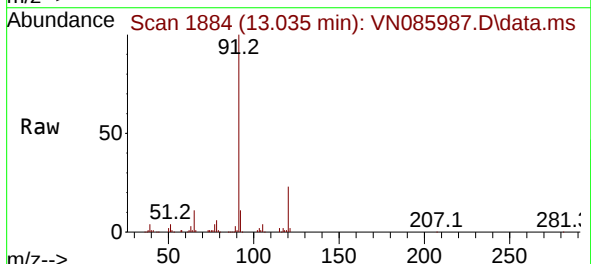
Manual Integrations
APPROVED

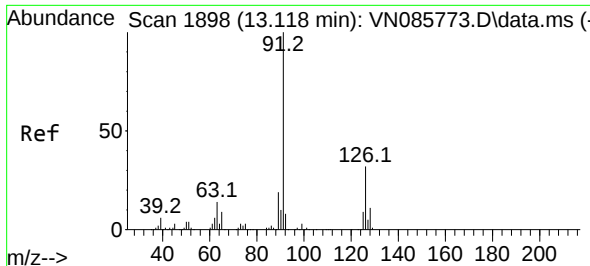
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#78
n-propylbenzene
Concen: 19.130 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Tgt Ion: 91 Resp: 195289
Ion Ratio Lower Upper
91 100
120 23.2 11.3 33.8





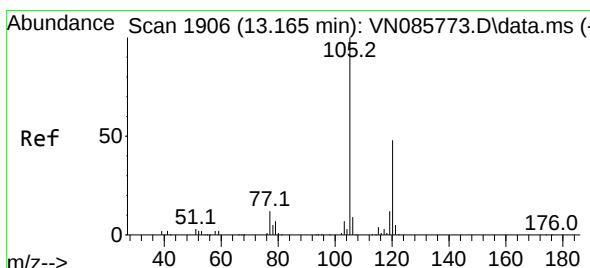
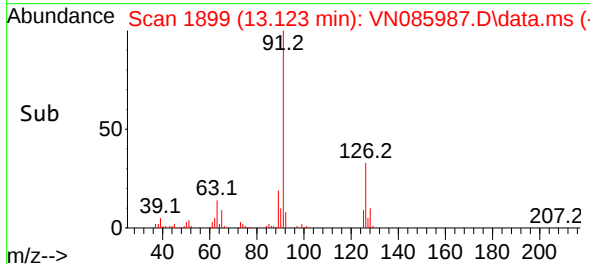
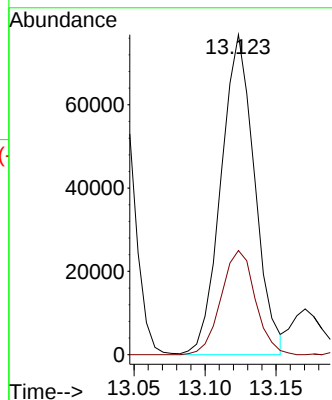
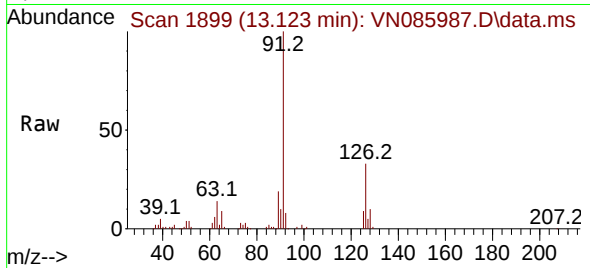
#79
2-Chlorotoluene
Concen: 18.533 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 91 Resp: 12640
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.1

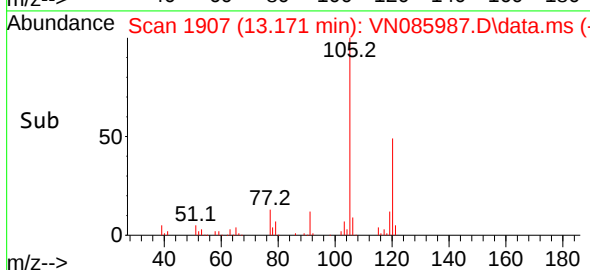
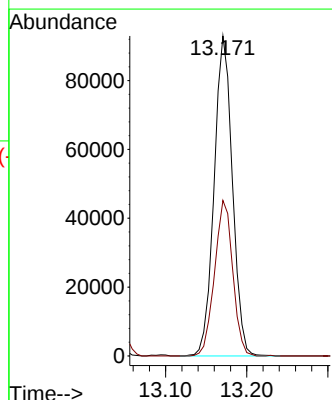
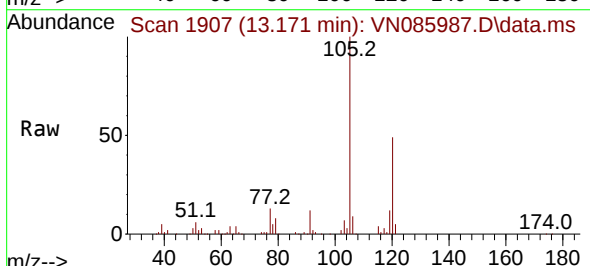
Manual Integrations
APPROVED

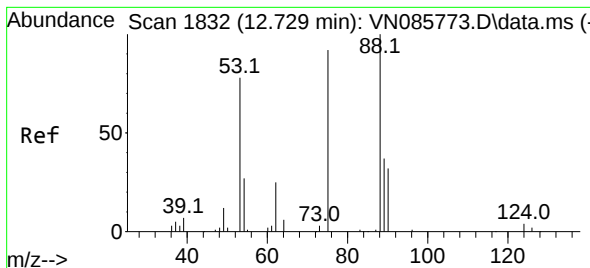
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.048 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Tgt Ion:105 Resp: 145571
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.9





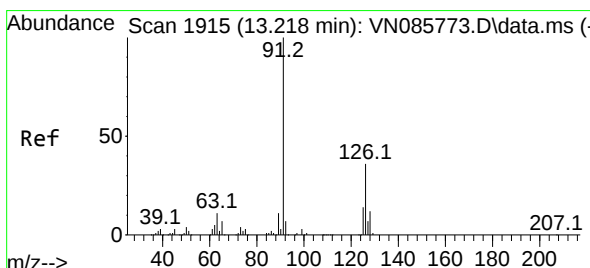
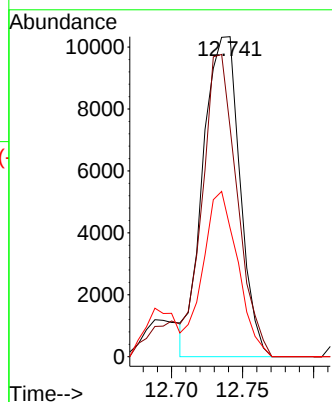
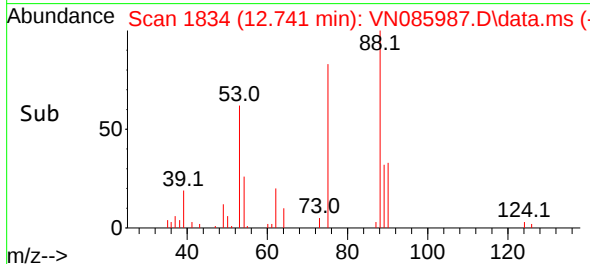
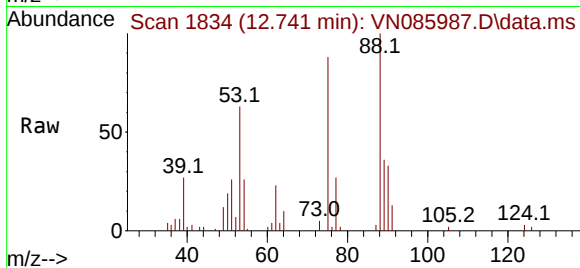
#81
trans-1,4-Dichloro-2-butene
Concen: 18.804 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.012 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 75 Resp: 18620
Ion Ratio Lower Upper
75 100
53 98.4 74.2 111.4
89 49.4 34.9 52.3

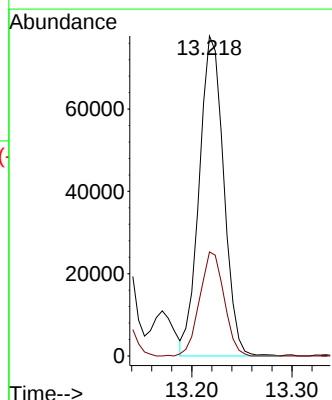
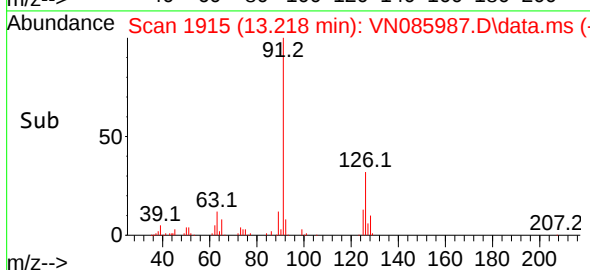
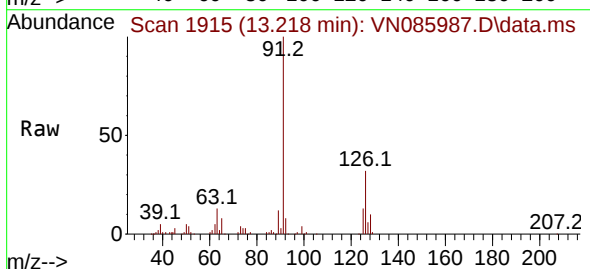
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#82
4-Chlorotoluene
Concen: 19.525 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

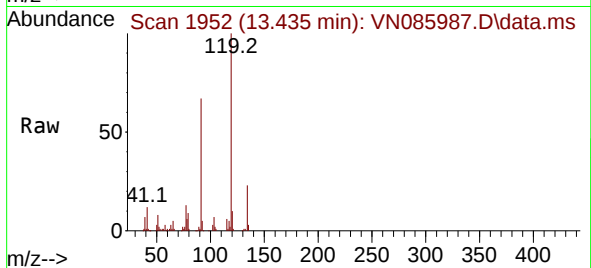
Tgt Ion: 91 Resp: 132025
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 19.011 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085987.D
 Acq: 14 Mar 2025 13:48

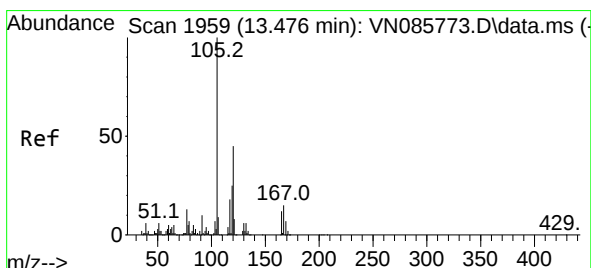
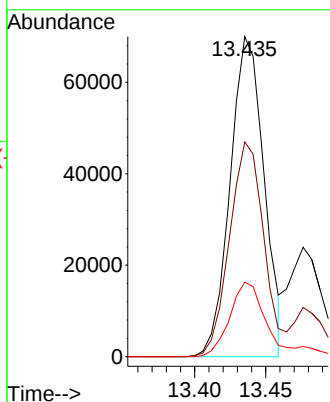
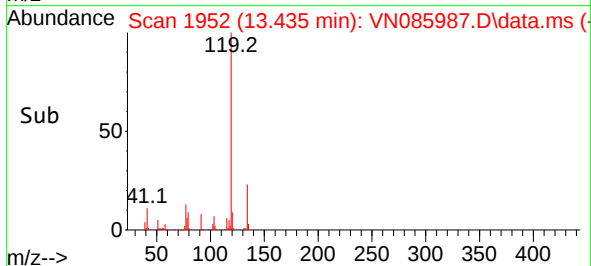
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01



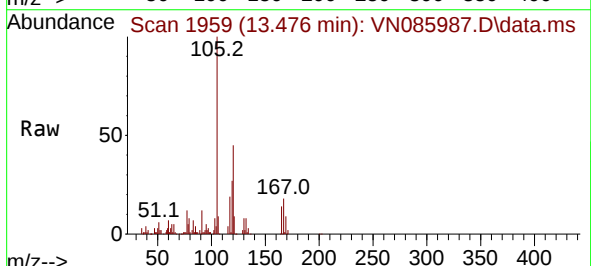
Tgt Ion:119 Resp: 116079
 Ion Ratio Lower Upper
 119 100
 91 68.6 32.5 97.5
 134 26.2 13.3 39.9

Manual Integrations
 APPROVED

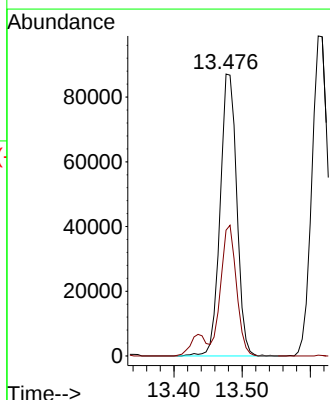
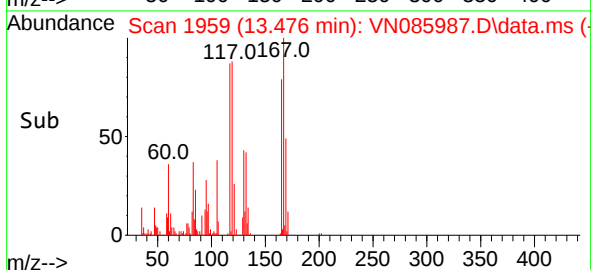
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 20.564 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN085987.D
 Acq: 14 Mar 2025 13:48



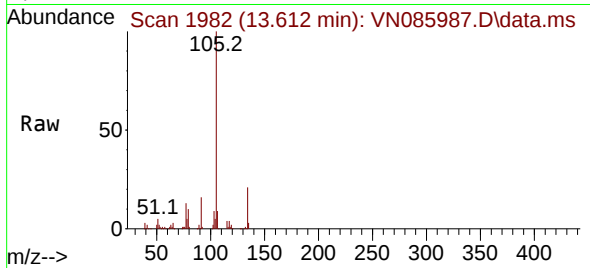
Tgt Ion:105 Resp: 147725
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 19.162 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085987.D
 Acq: 14 Mar 2025 13:48

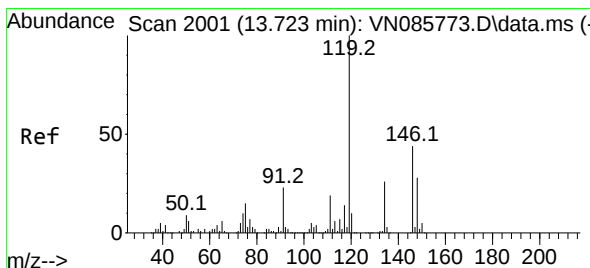
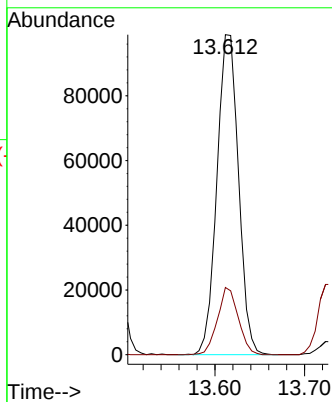
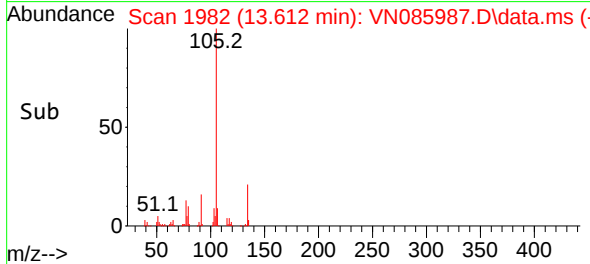
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01



Tgt Ion:105 Resp: 16531
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4

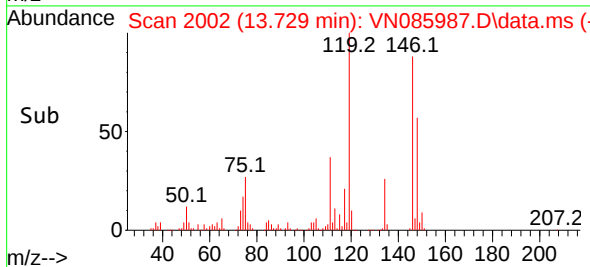
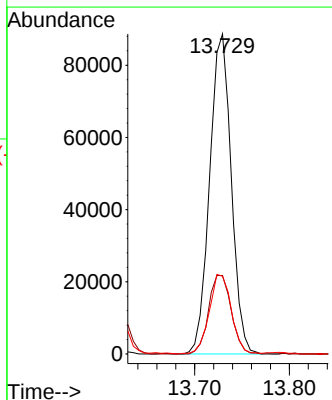
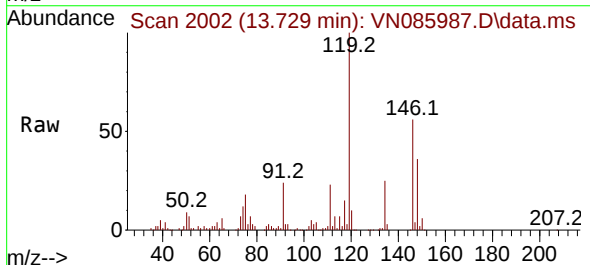
Manual Integrations
 APPROVED

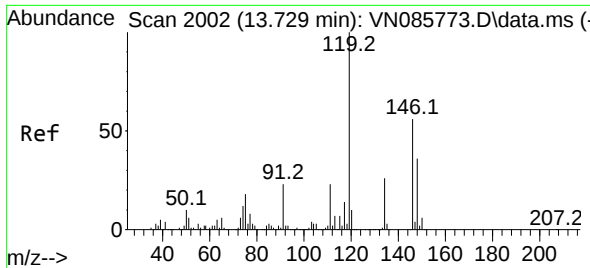
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#86
 p-Isopropyltoluene
 Concen: 19.059 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085987.D
 Acq: 14 Mar 2025 13:48

Tgt Ion:119 Resp: 140320
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 25.5 11.7 35.1





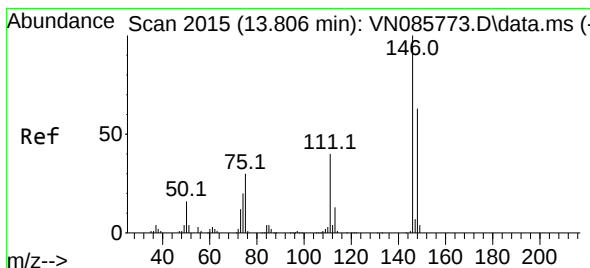
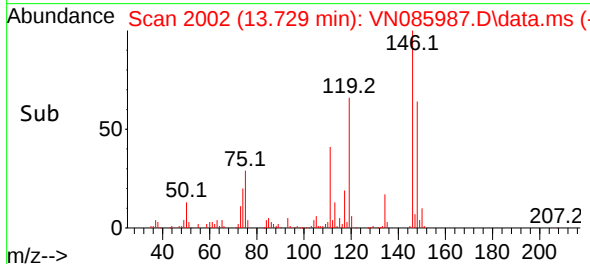
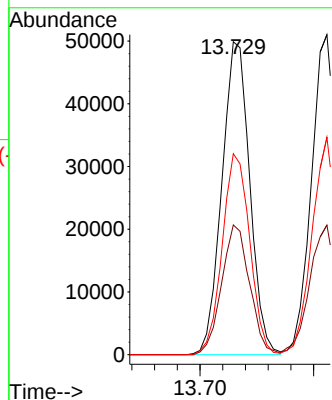
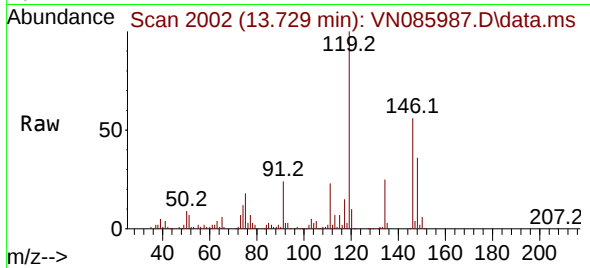
#87
1,3-Dichlorobenzene
Concen: 18.836 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion:146 Resp: 84988
Ion Ratio Lower Upper
146 100
111 41.6 21.1 63.3
148 63.4 32.1 96.5

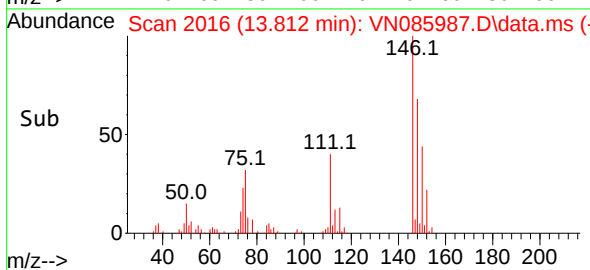
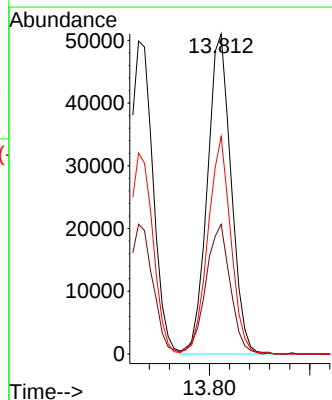
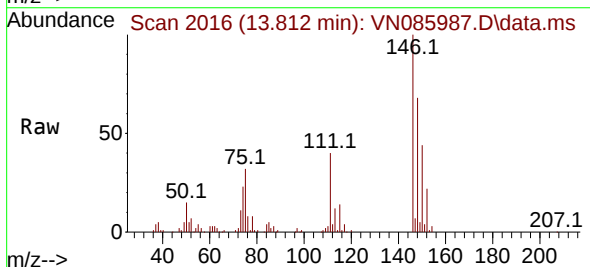
Manual Integrations
APPROVED

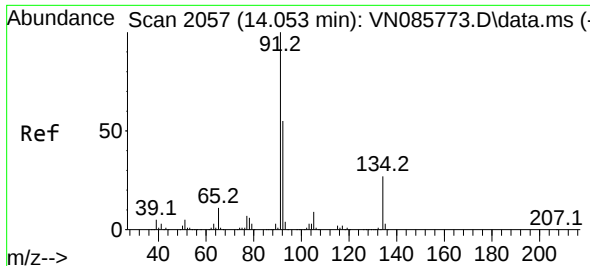
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#88
1,4-Dichlorobenzene
Concen: 18.147 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Tgt Ion:146 Resp: 83917
Ion Ratio Lower Upper
146 100
111 41.8 20.4 61.3
148 65.7 31.8 95.4





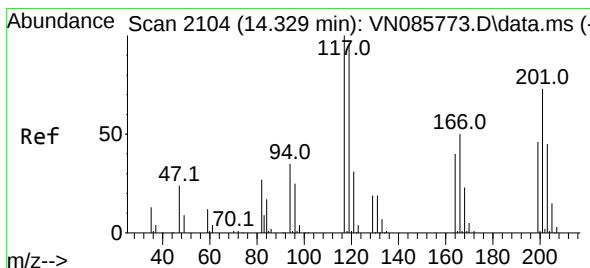
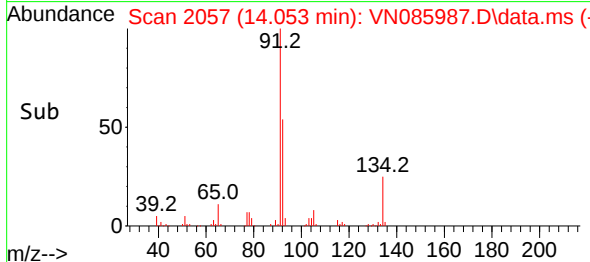
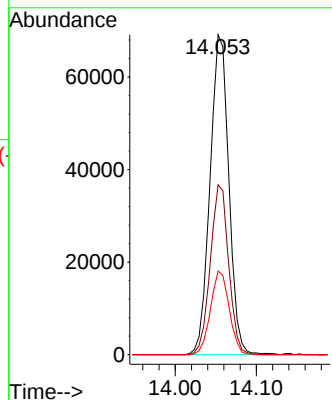
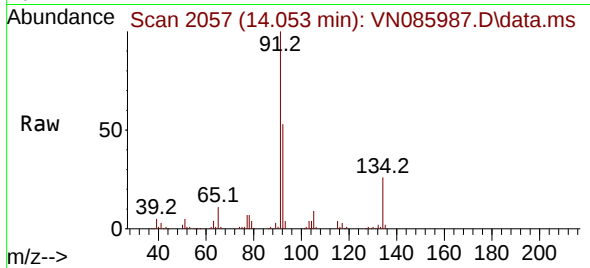
#89
n-Butylbenzene
Concen: 18.147 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 91 Resp: 11115
Ion Ratio Lower Upper
91 100
92 51.8 27.1 81.3
134 25.9 12.7 38.1

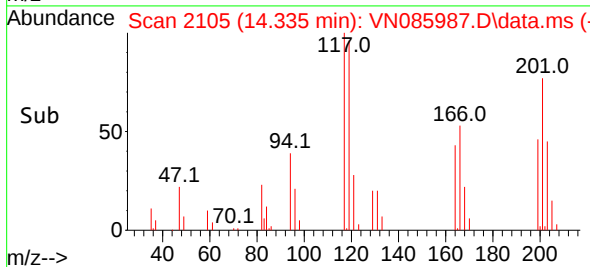
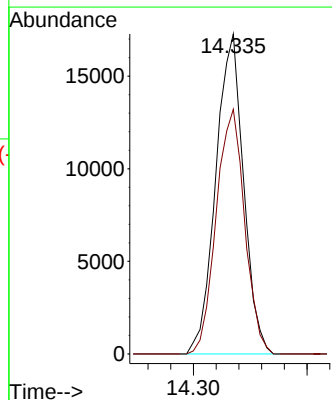
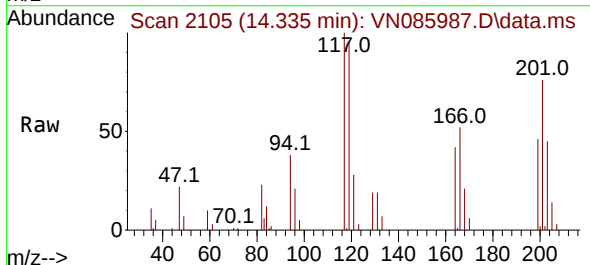
Manual Integrations
APPROVED

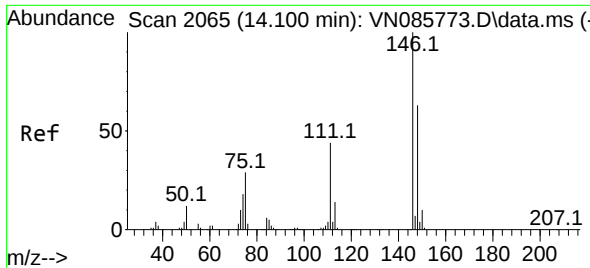
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#90
Hexachloroethane
Concen: 17.917 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Tgt Ion:117 Resp: 29274
Ion Ratio Lower Upper
117 100
201 78.3 35.6 106.9





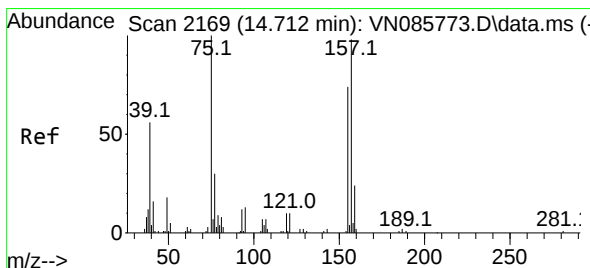
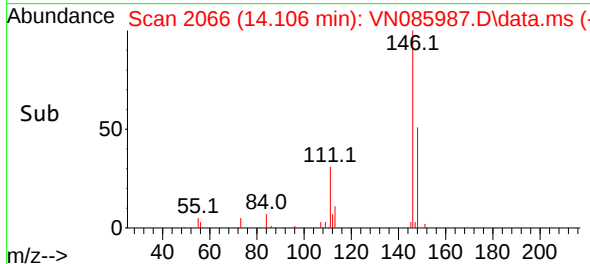
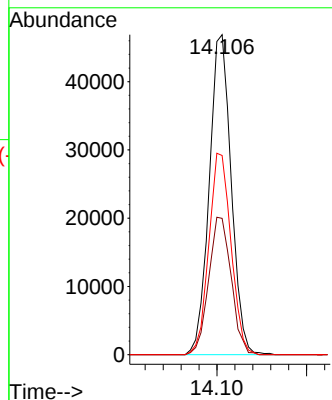
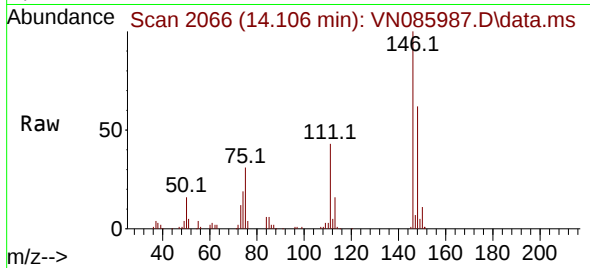
#91
1,2-Dichlorobenzene
Concen: 18.350 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion:146 Resp: 79614
Ion Ratio Lower Upper
146 100
111 44.0 21.4 64.3
148 63.5 32.0 96.2

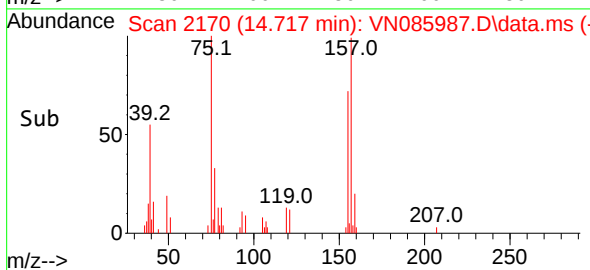
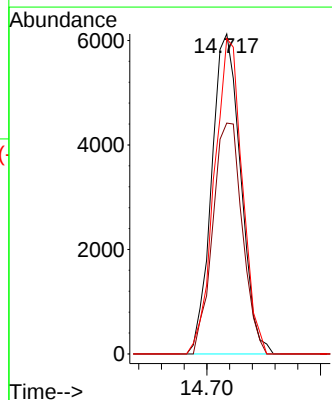
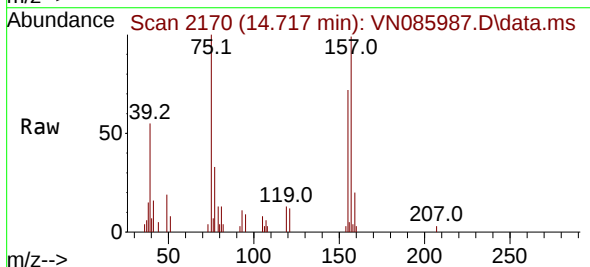
Manual Integrations
APPROVED

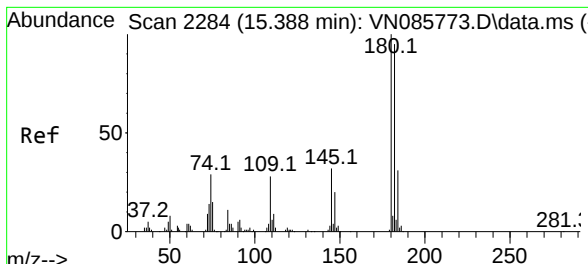
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.311 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

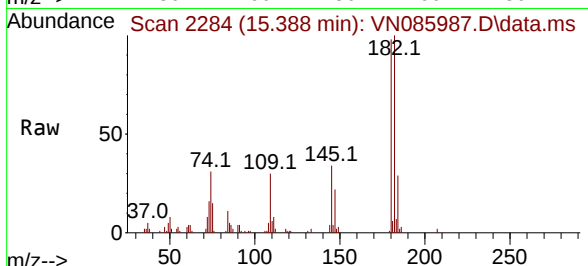
Tgt Ion: 75 Resp: 10877
Ion Ratio Lower Upper
75 100
155 73.5 39.9 119.6
157 94.9 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 18.063 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48

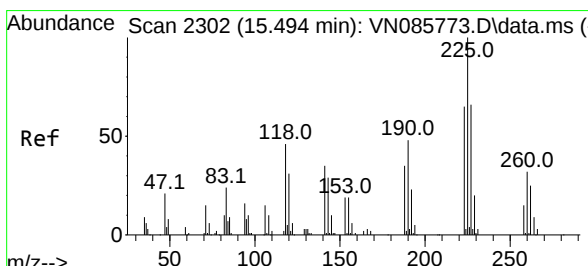
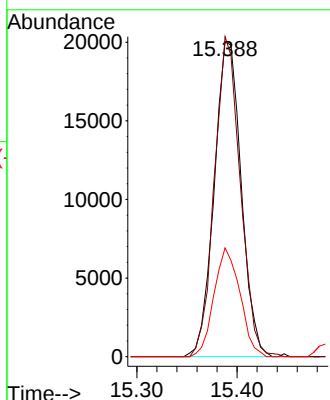
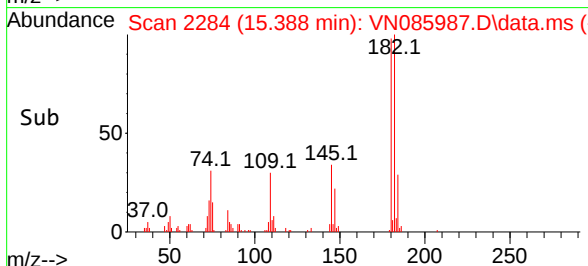
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



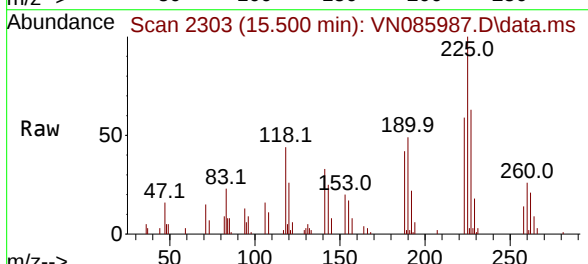
Tgt Ion:180 Resp: 3734
Ion Ratio Lower Upper
180 100
182 97.2 47.3 141.9
145 33.2 16.2 48.5

Manual Integrations
APPROVED

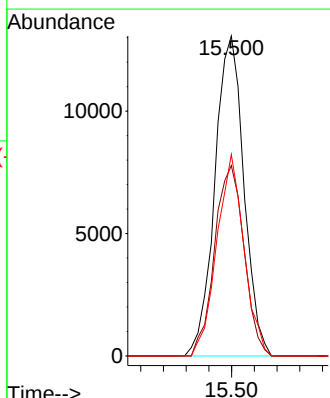
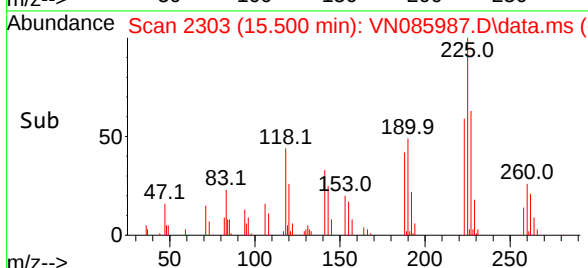
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

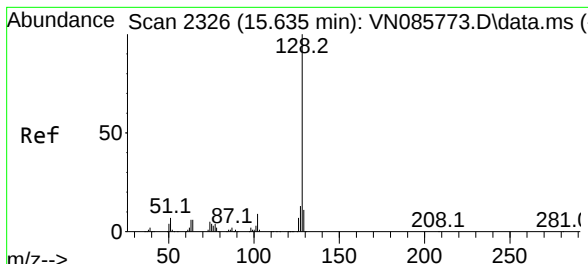


#94
Hexachlorobutadiene
Concen: 18.472 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085987.D
Acq: 14 Mar 2025 13:48



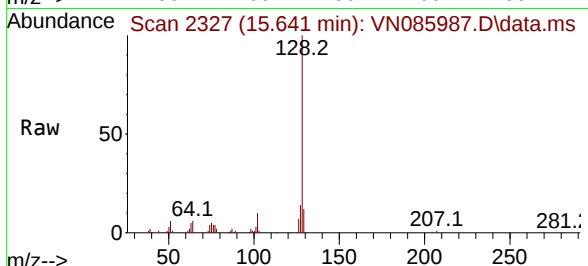
Tgt Ion:225 Resp: 23209
Ion Ratio Lower Upper
225 100
223 60.2 31.9 95.5
227 59.0 32.2 96.6





#95
 Naphthalene
 Concen: 18.070 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.006 min
 Lab File: VN085987.D
 Acq: 14 Mar 2025 13:48

Instrument : MSVOA_N
 ClientSampleId : VN0314WBS01

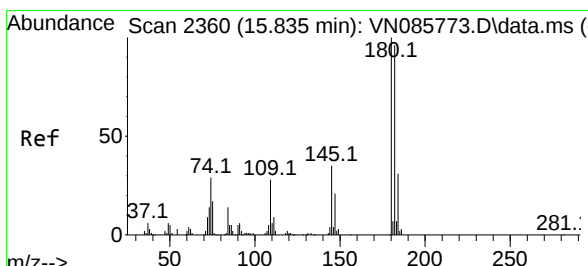
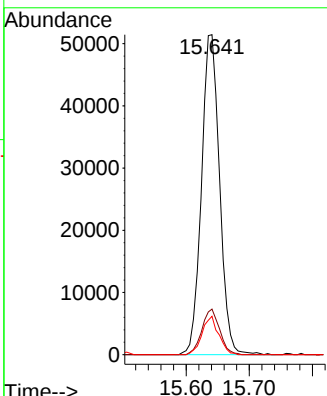
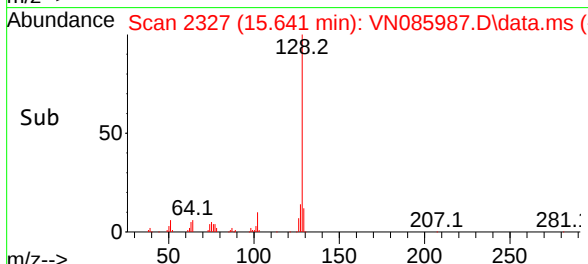


Tgt Ion:128 Resp: 10256

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#96
 1,2,3-Trichlorobenzene
 Concen: 18.618 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. 0.000 min
 Lab File: VN085987.D
 Acq: 14 Mar 2025 13:48

Tgt Ion:180 Resp: 38643

Ion	Ratio	Lower	Upper
180	100		
182	91.2	47.3	141.8
145	33.9	16.9	50.6

