

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086116.D
 Acq On : 25 Mar 2025 21:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 26 03:28:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2025
 Supervised By : Mahesh Dadoda 03/26/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	192914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137837	52.178	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.360%			
35) Dibromofluoromethane	8.165	113	115106	53.057	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.120%			
50) Toluene-d8	10.565	98	441127	56.025	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.060%			
62) 4-Bromofluorobenzene	12.847	95	156203	55.628	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	115221	45.082	ug/l	96
3) Chloromethane	2.359	50	112798	50.343	ug/l	98
4) Vinyl Chloride	2.512	62	121101	52.861	ug/l	98
5) Bromomethane	2.953	94	75049	48.093	ug/l	99
6) Chloroethane	3.118	64	75113	51.972	ug/l	93
7) Trichlorofluoromethane	3.500	101	189439	46.000	ug/l	99
8) Diethyl Ether	3.959	74	62954	49.934	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	109660	50.101	ug/l	97
10) Methyl Iodide	4.589	142	142755	50.055	ug/l	98
11) Tert butyl alcohol	5.512	59	72850	194.780	ug/l	99
12) 1,1-Dichloroethene	4.342	96	102141	51.680	ug/l	98
13) Acrolein	4.177	56	94595	237.132	ug/l	98
14) Allyl chloride	5.024	41	124671	50.563	ug/l	97
15) Acrylonitrile	5.718	53	255330	258.494	ug/l	99
16) Acetone	4.424	43	181651	225.080	ug/l	98
17) Carbon Disulfide	4.712	76	290920	44.758	ug/l	99
18) Methyl Acetate	5.024	43	113454	56.819	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	336614	51.975	ug/l	96
20) Methylene Chloride	5.277	84	120404	50.998	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	111496	51.621	ug/l	99
22) Diisopropyl ether	6.671	45	306413	58.316	ug/l	97
23) Vinyl Acetate	6.600	43	1092922	274.390	ug/l	99
24) 1,1-Dichloroethane	6.565	63	203334	52.626	ug/l	99
25) 2-Butanone	7.482	43	288351	247.613	ug/l	94
26) 2,2-Dichloropropane	7.488	77	161584	43.439	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	130259	53.071	ug/l	99
28) Bromochloromethane	7.812	49	87362	53.367	ug/l	93
29) Tetrahydrofuran	7.835	42	197294	274.425	ug/l	95
30) Chloroform	7.965	83	217958	51.036	ug/l	99
31) Cyclohexane	8.253	56	165017	50.134	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	199728	49.405	ug/l	99
36) 1,1-Dichloropropene	8.371	75	147853	51.757	ug/l	99
37) Ethyl Acetate	7.559	43	118905	49.338	ug/l	98
38) Carbon Tetrachloride	8.359	117	183481	48.849	ug/l	98
39) Methylcyclohexane	9.600	83	143989	50.804	ug/l	93
40) Benzene	8.606	78	471763	52.606	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	63653	55.312	ug/l	96
42) 1,2-Dichloroethane	8.665	62	151338	48.432	ug/l	97
43) Isopropyl Acetate	8.682	43	216396	41.436	ug/l	96
44) Trichloroethene	9.347	130	109650	47.177	ug/l	94
45) 1,2-Dichloropropane	9.618	63	112349	55.082	ug/l	98
46) Dibromomethane	9.706	93	80681	50.298	ug/l	99
47) Bromodichloromethane	9.888	83	171831	51.256	ug/l	97
48) Methyl methacrylate	9.676	41	93336	54.160	ug/l	98
49) 1,4-Dioxane	9.694	88	40209	986.995	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	632245	274.509	ug/l	97
52) Toluene	10.629	92	304750	55.369	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	167788	51.536	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	180320	52.494	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	113302	53.934	ug/l	97
56) Ethyl methacrylate	10.871	69	165791	50.492	ug/l	98
57) 1,3-Dichloropropane	11.159	76	192053	53.825	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	378789	291.798	ug/l	96
59) 2-Hexanone	11.194	43	458200	273.086	ug/l	97
60) Dibromochloromethane	11.359	129	139161	51.336	ug/l	98
61) 1,2-Dibromoethane	11.470	107	110715	51.337	ug/l	95
64) Tetrachloroethene	11.100	164	108176	46.877	ug/l	98
65) Chlorobenzene	11.888	112	323344	48.847	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	121777	49.488	ug/l	98
67) Ethyl Benzene	11.959	91	566789	53.527	ug/l	99
68) m/p-Xylenes	12.070	106	454534	109.213	ug/l	100
69) o-Xylene	12.394	106	210275	55.048	ug/l	100
70) Styrene	12.406	104	367625	56.346	ug/l	98
71) Bromoform	12.576	173	97614	47.453	ug/l #	99
73) Isopropylbenzene	12.694	105	528935	49.969	ug/l	100
74) N-amyl acetate	12.488	43	180830	51.060	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	161963	45.226	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	167752m	48.339	ug/l	
77) Bromobenzene	12.976	156	137834	46.698	ug/l	99
78) n-propylbenzene	13.035	91	626834	52.295	ug/l	100
79) 2-Chlorotoluene	13.123	91	393871	49.472	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	463176	51.826	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	62579	47.675	ug/l	95
82) 4-Chlorotoluene	13.217	91	402826	49.202	ug/l	99
83) tert-Butylbenzene	13.435	119	372119	48.684	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	478260	53.057	ug/l	100
85) sec-Butylbenzene	13.611	105	523431	52.494	ug/l	99
86) p-Isopropyltoluene	13.729	119	444011	52.603	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	255031	47.935	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	254671	45.560	ug/l	99
89) n-Butylbenzene	14.053	91	351879	51.193	ug/l	99
90) Hexachloroethane	14.329	117	86499	44.412	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	249757	47.223	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31303	43.789	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	115855	43.565	ug/l	99
94) Hexachlorobutadiene	15.500	225	60468	39.192	ug/l	99
95) Naphthalene	15.635	128	342683	44.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	115798	45.890	ug/l	98

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

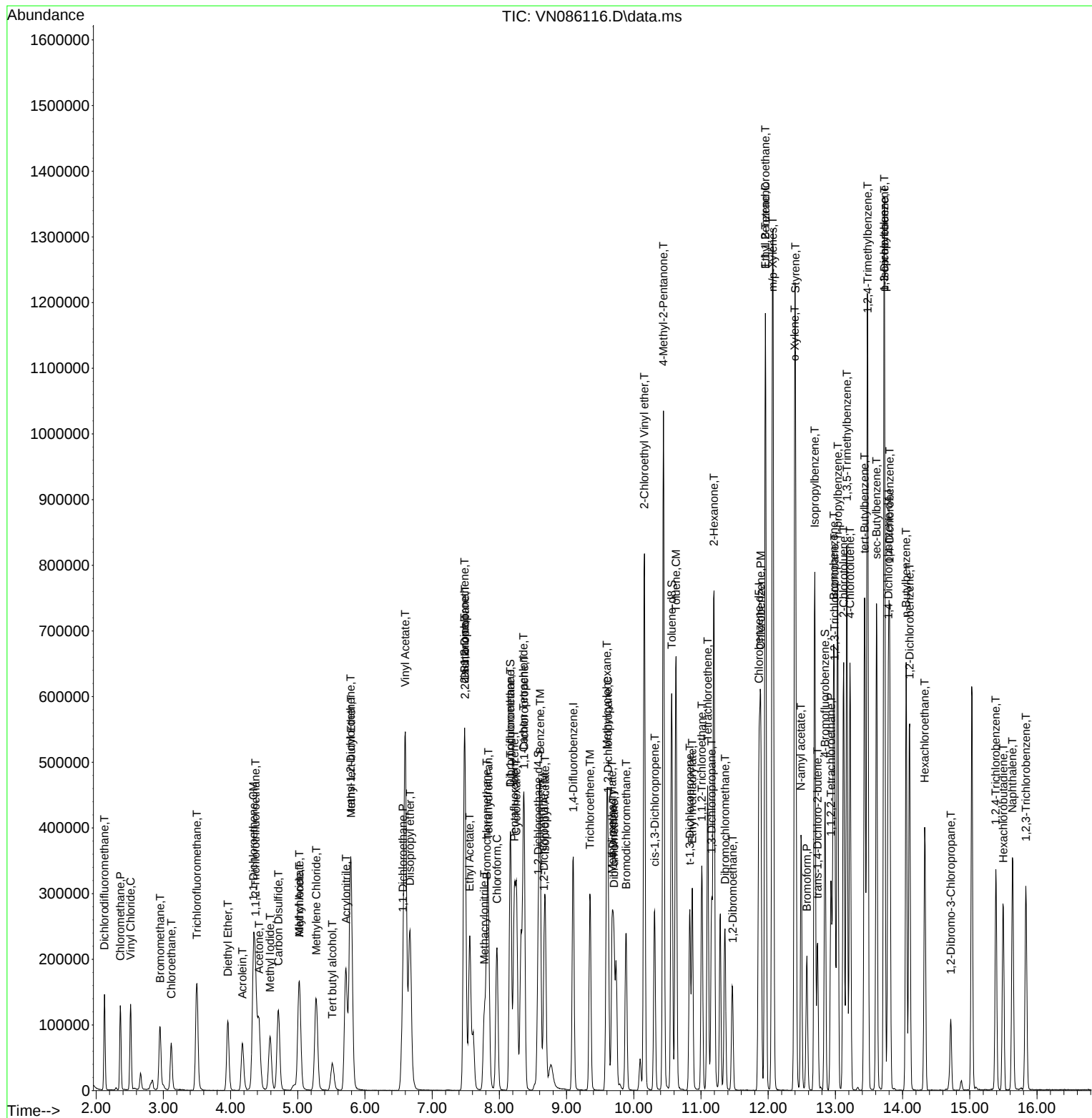
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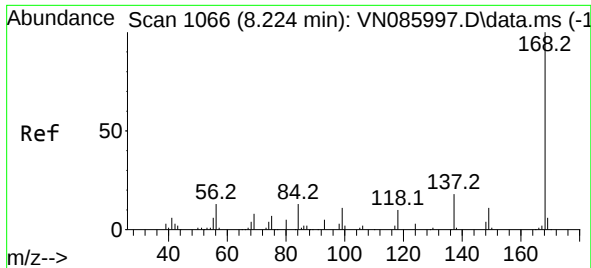
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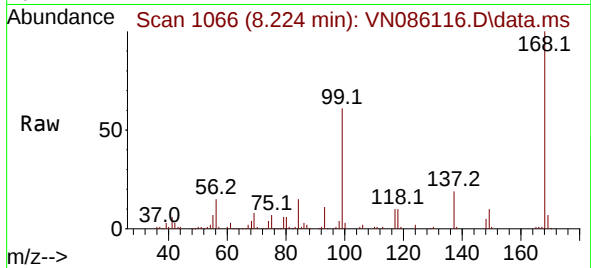
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086116.D
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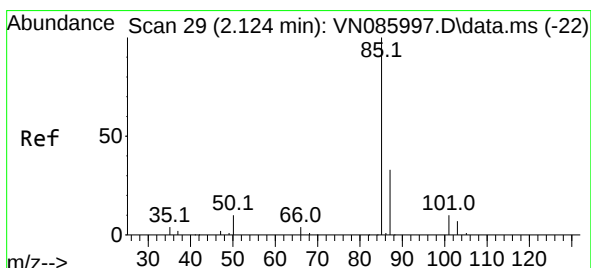
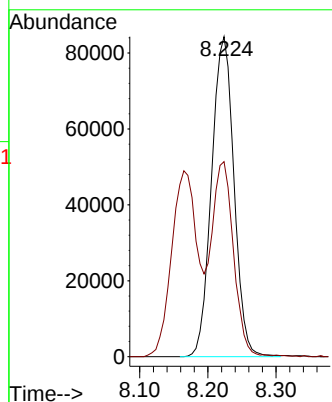
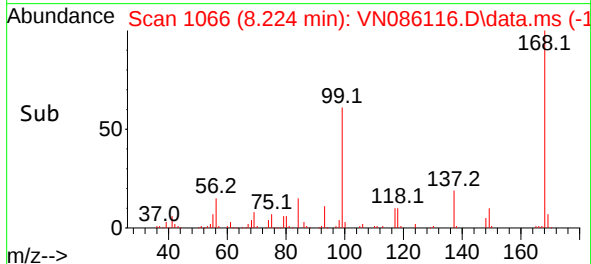
Tgt Ion:168 Resp: 192914
Ion Ratio Lower Upper
168 100
99 60.6 49.4 74.2

Manual Integrations

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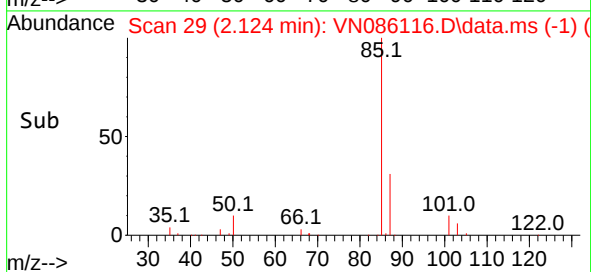
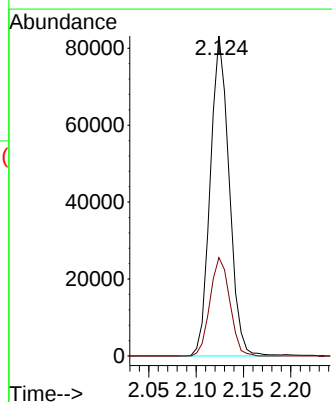
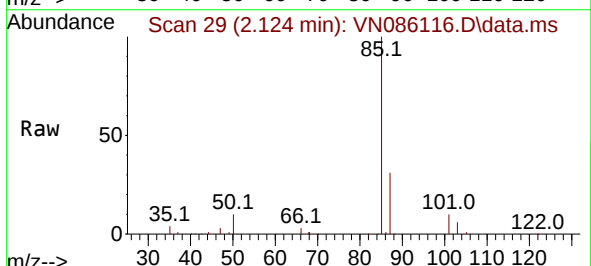
Reviewed By :John Carlone 03/26/2025

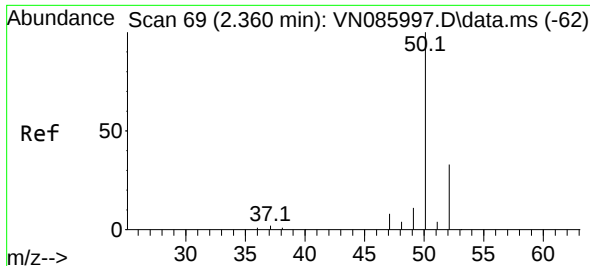
Supervised By :Mahesh Dadoda 03/26/2025



#2
Dichlorodifluoromethane
Concen: 45.082 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Tgt Ion: 85 Resp: 115221
Ion Ratio Lower Upper
85 100
87 30.8 16.5 49.5





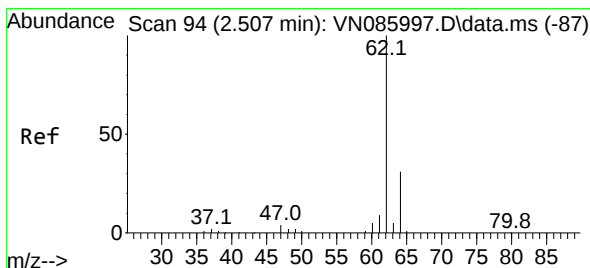
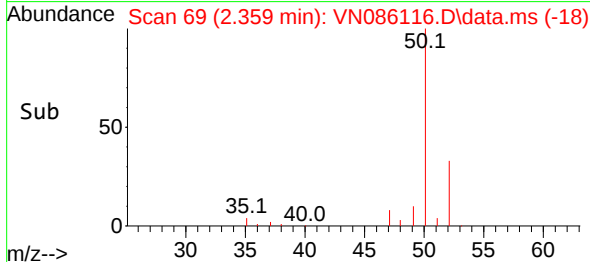
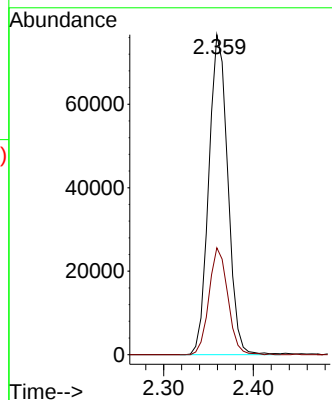
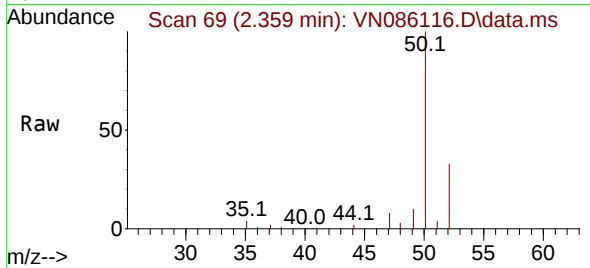
#3
Chloromethane
Concen: 50.343 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 112798
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0

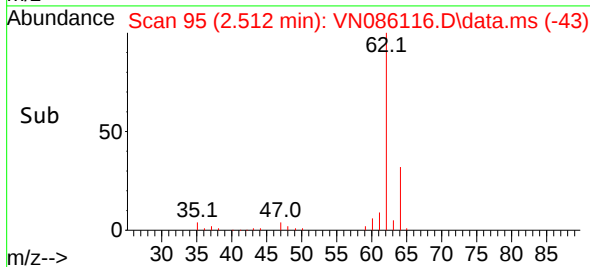
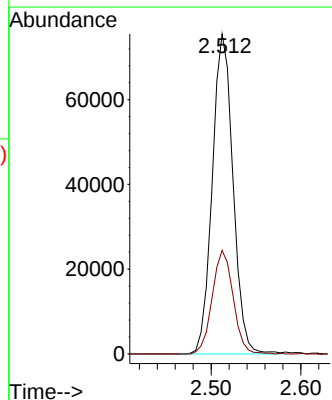
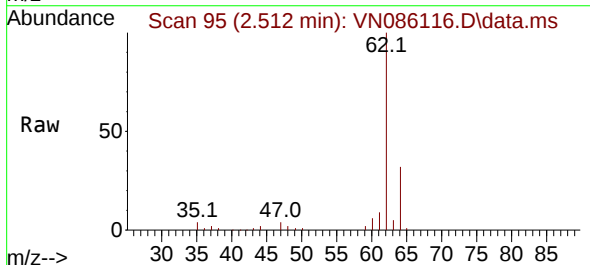
Manual Integrations
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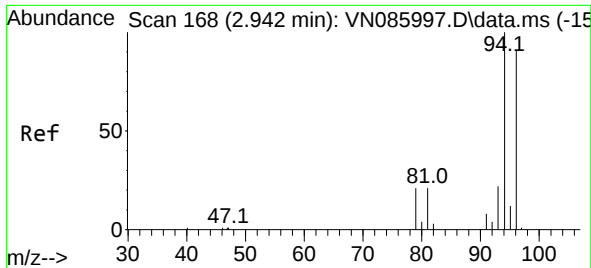
Reviewed By :John Carlone 03/26/2025
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#4
Vinyl Chloride
Concen: 52.861 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Tgt Ion: 62 Resp: 121101
Ion Ratio Lower Upper
62 100
64 32.4 25.2 37.8





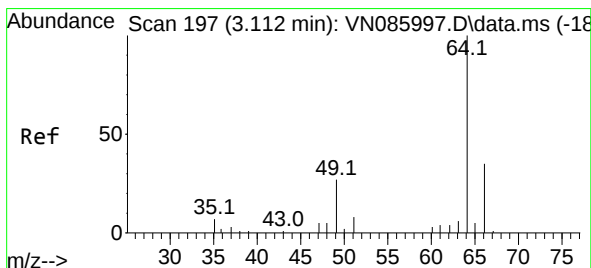
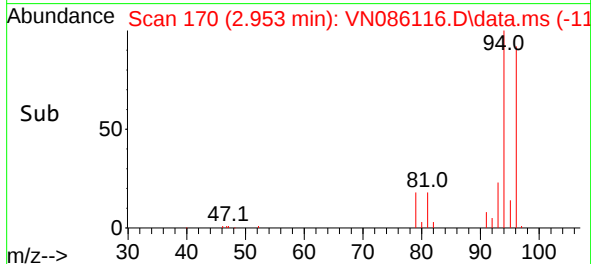
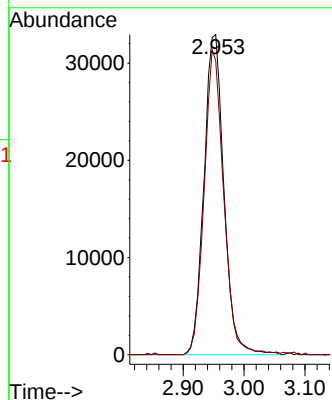
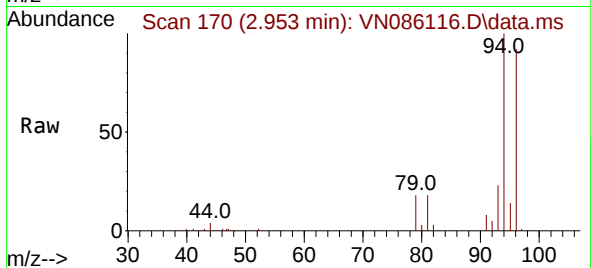
#5
Bromomethane
Concen: 48.093 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Instrument :
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Tgt Ion: 94 Resp: 75049
Ion Ratio Lower Upper
94 100
96 91.8 72.8 109.2

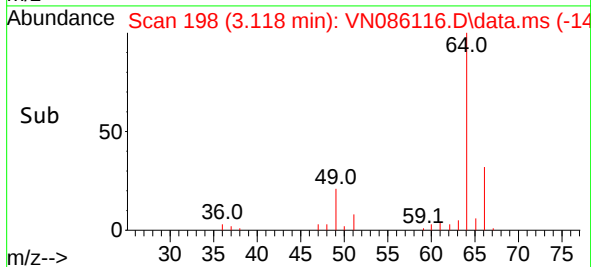
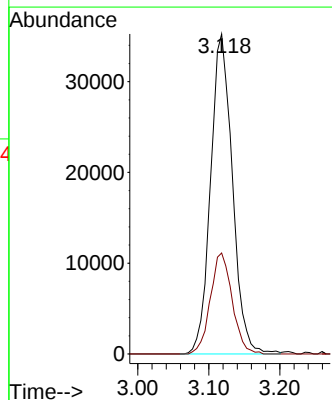
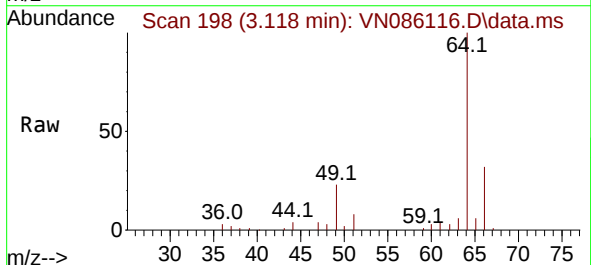
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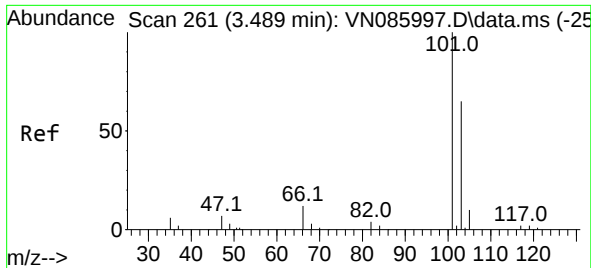
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#6
Chloroethane
Concen: 51.972 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Tgt Ion: 64 Resp: 75113
Ion Ratio Lower Upper
64 100
66 31.6 28.3 42.5





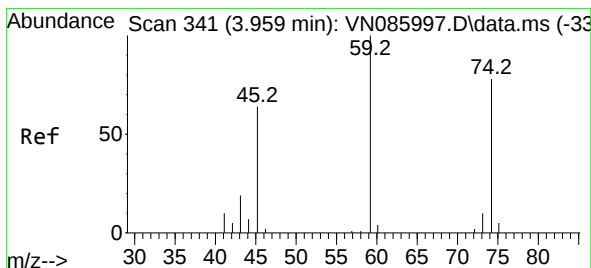
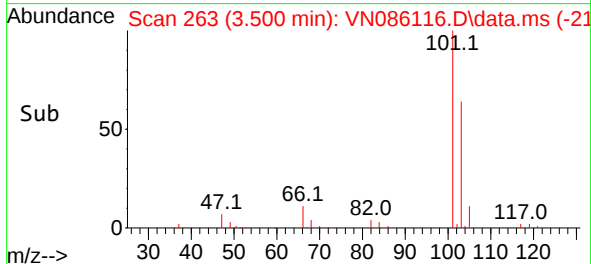
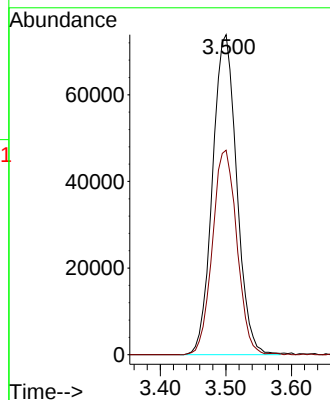
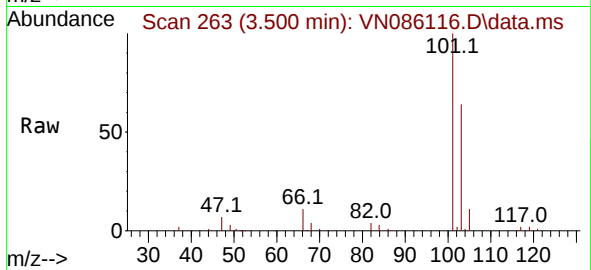
#7
Trichlorofluoromethane
Concen: 46.000 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 189439
Ion Ratio Lower Upper
101 100
103 63.9 51.7 77.5

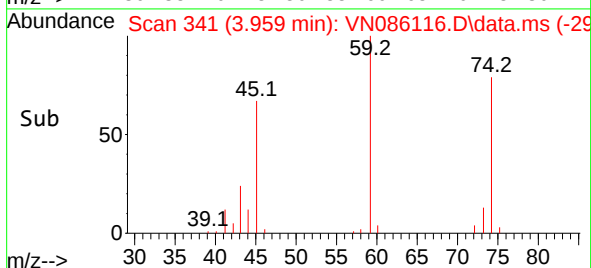
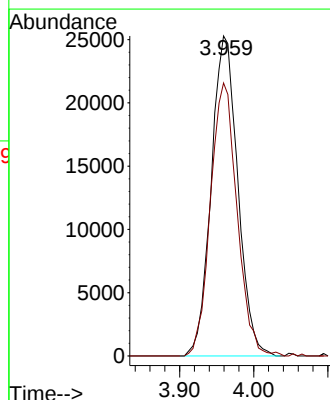
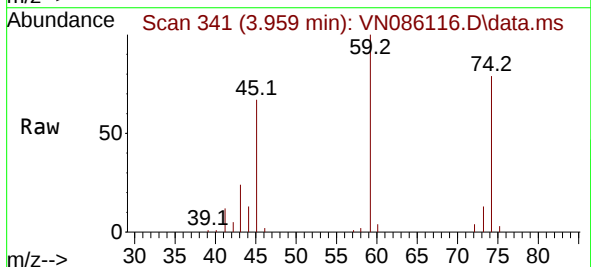
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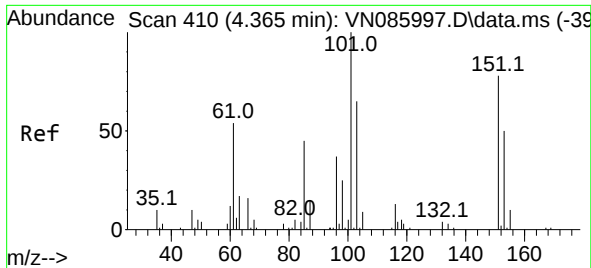
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#8
Diethyl Ether
Concen: 49.934 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Tgt Ion: 74 Resp: 62954
Ion Ratio Lower Upper
74 100
45 85.5 38.0 113.9





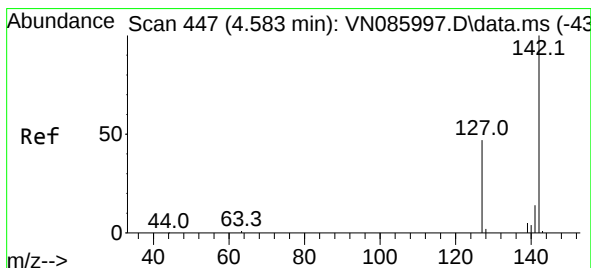
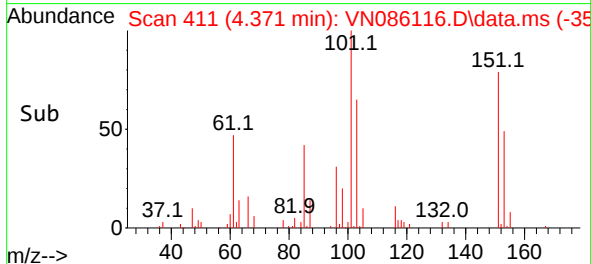
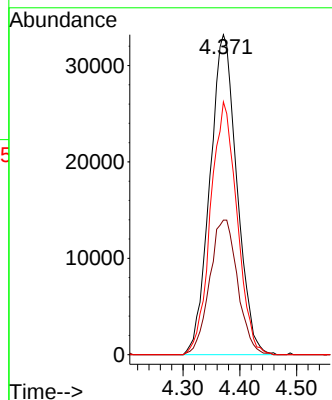
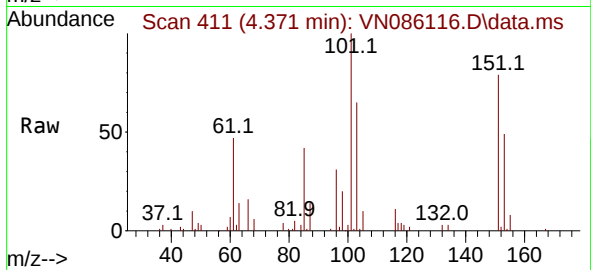
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.101 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 109660
Ion Ratio Lower Upper
101 100
85 43.6 36.5 54.7
151 77.2 63.4 95.0

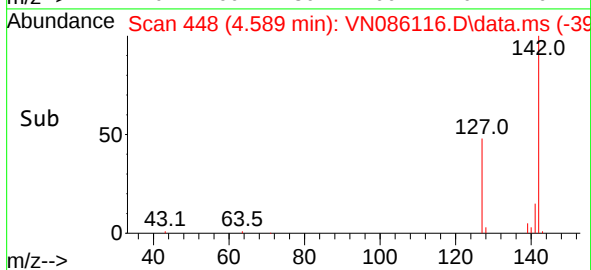
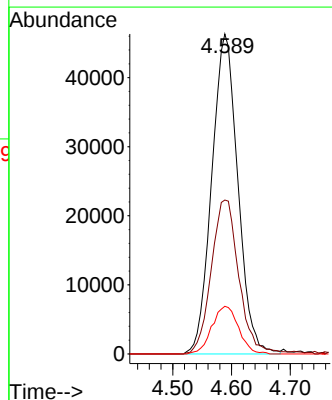
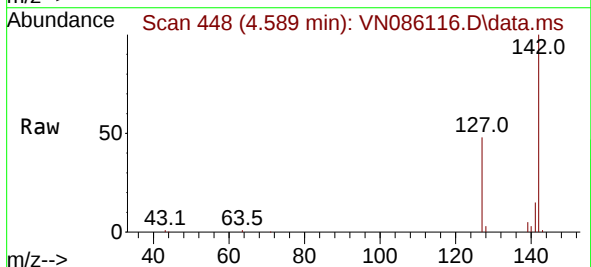
Manual Integrations
APPROVED

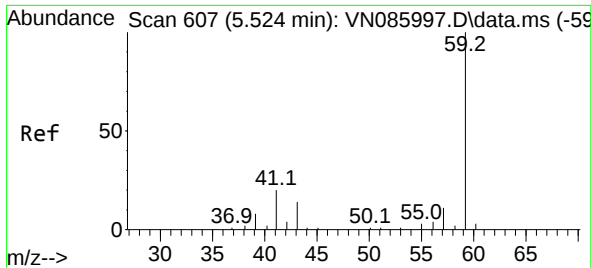
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#10
Methyl Iodide
Concen: 50.055 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

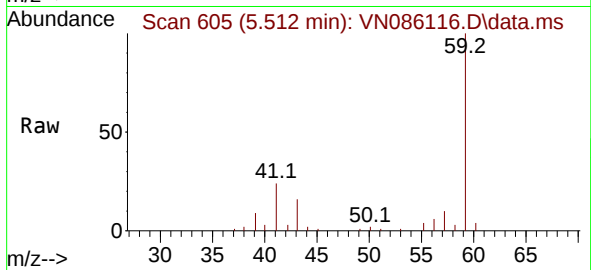
Tgt Ion:142 Resp: 142755
Ion Ratio Lower Upper
142 100
127 48.1 37.5 56.3
141 14.9 11.0 16.6





#11
Tert butyl alcohol
Concen: 194.780 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

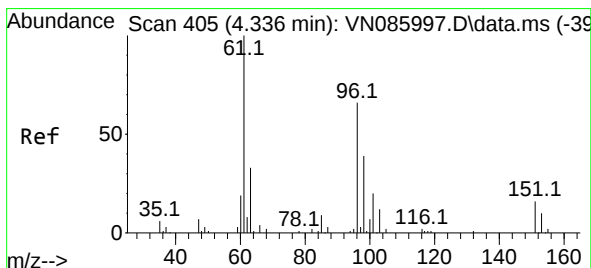
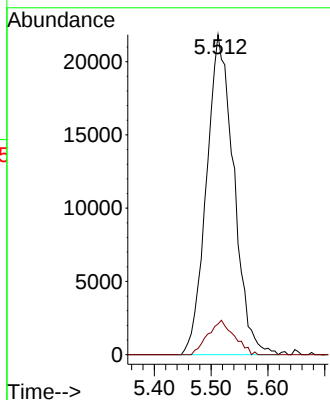
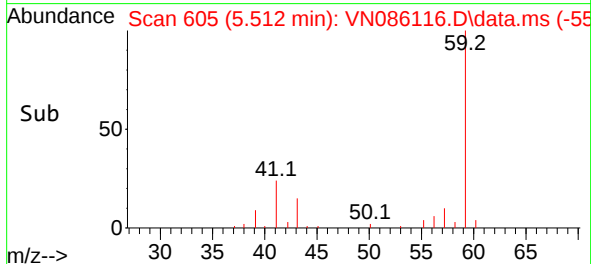
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



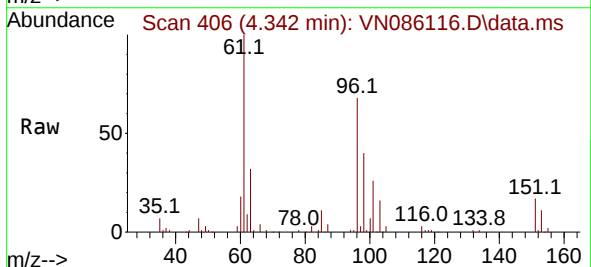
Tgt Ion: 59 Resp: 72850
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9

Manual Integrations
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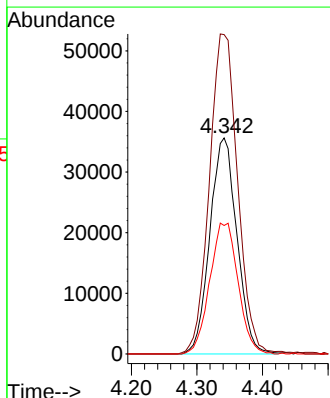
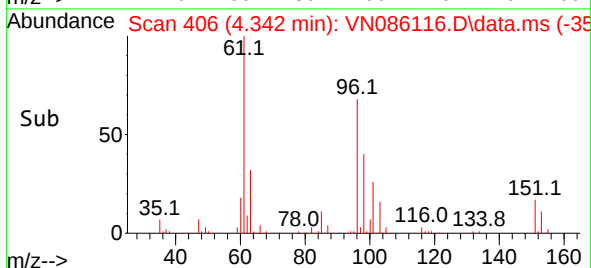
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

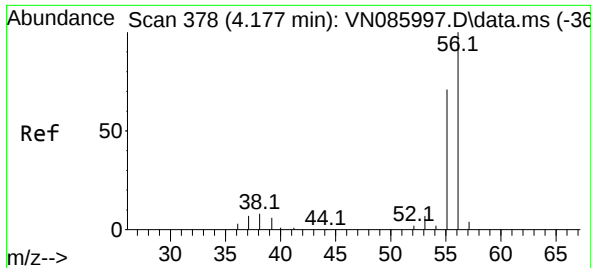


#12
1,1-Dichloroethene
Concen: 51.680 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28



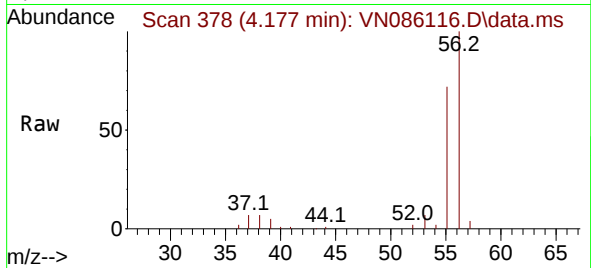
Tgt Ion: 96 Resp: 102141
Ion Ratio Lower Upper
96 100
61 147.8 120.5 180.7
98 59.5 47.4 71.0





#13
Acrolein
Concen: 237.132 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

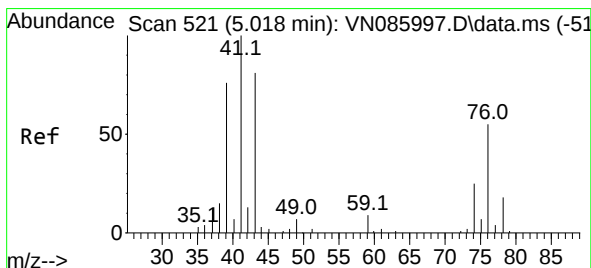
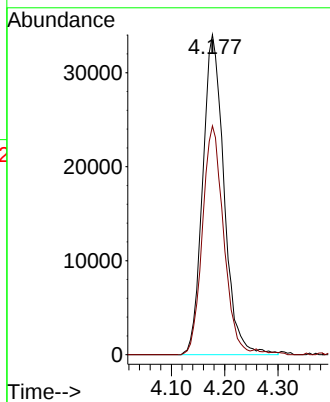
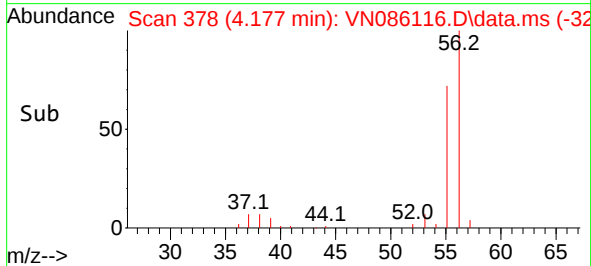
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



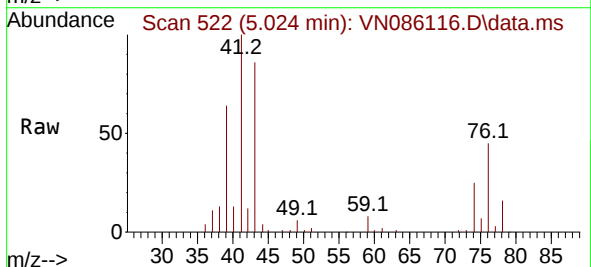
Tgt Ion: 56 Resp: 9459
Ion Ratio Lower Upper
56 100
55 70.6 55.1 82.7

Manual Integrations
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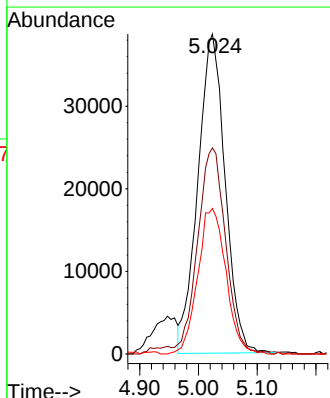
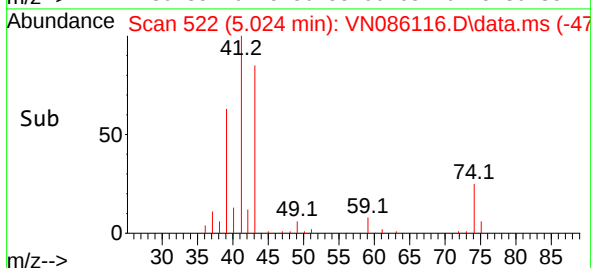
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#14
Allyl chloride
Concen: 50.563 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28



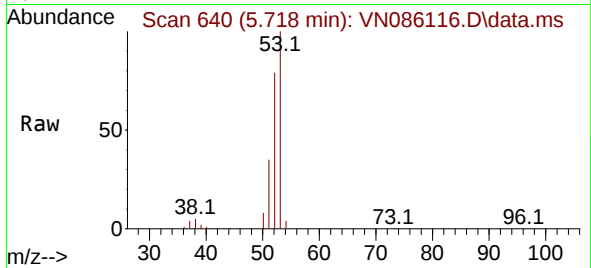
Tgt Ion: 41 Resp: 124671
Ion Ratio Lower Upper
41 100
39 66.5 55.5 83.3
76 47.1 39.1 58.7





#15
Acrylonitrile
Concen: 258.494 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

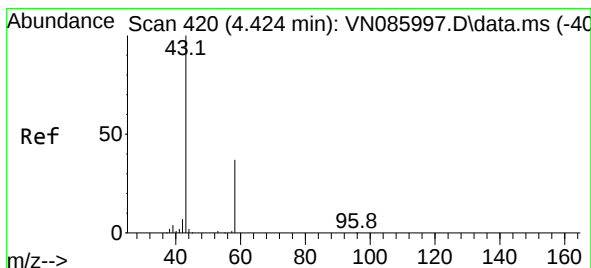
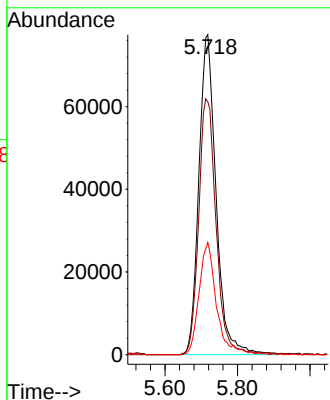
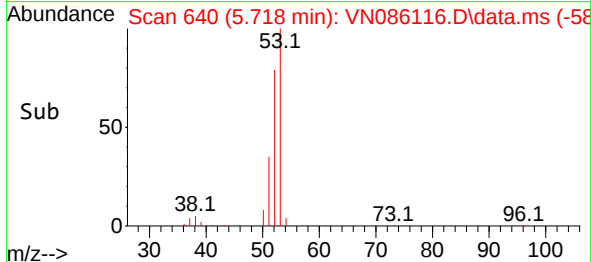
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 255330
Ion Ratio Lower Upper
53 100
52 80.6 63.9 95.9
51 35.4 27.1 40.7

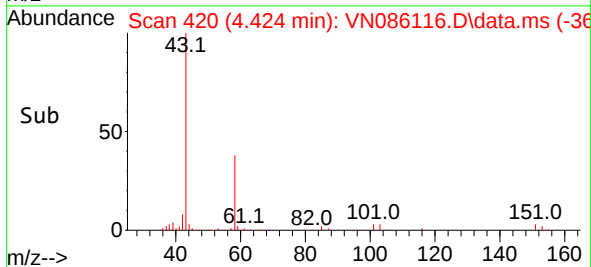
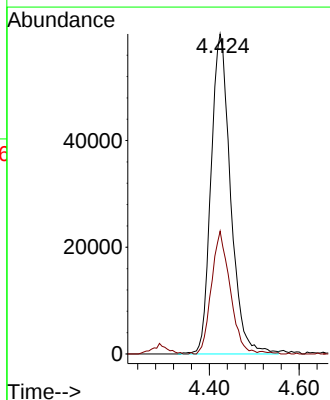
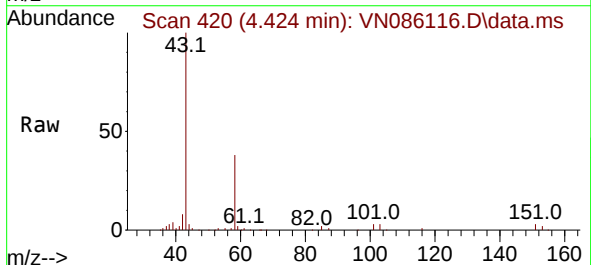
Manual Integrations
APPROVED

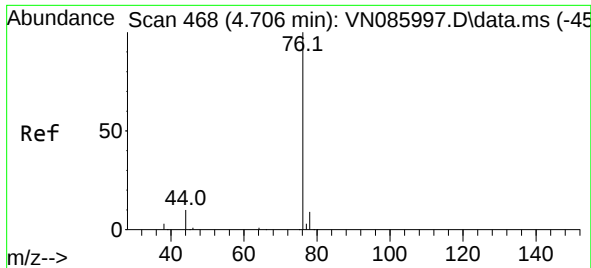
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#16
Acetone
Concen: 225.080 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

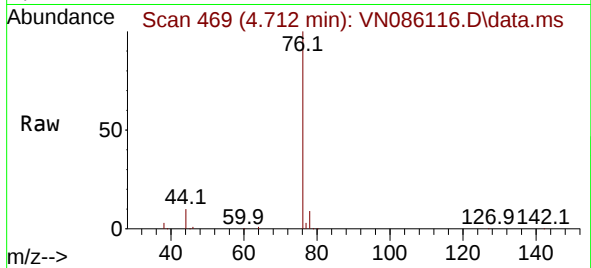
Tgt Ion: 43 Resp: 181651
Ion Ratio Lower Upper
43 100
58 38.0 29.4 44.2





#17
Carbon Disulfide
Concen: 44.758 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

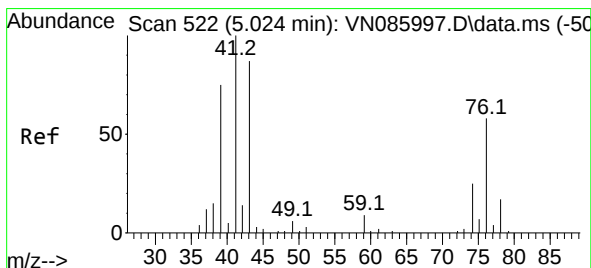
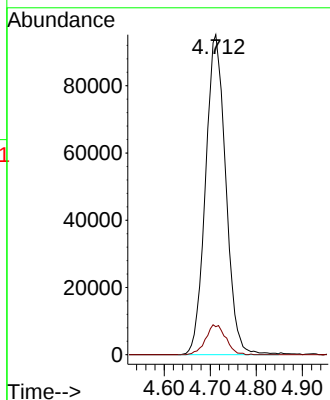
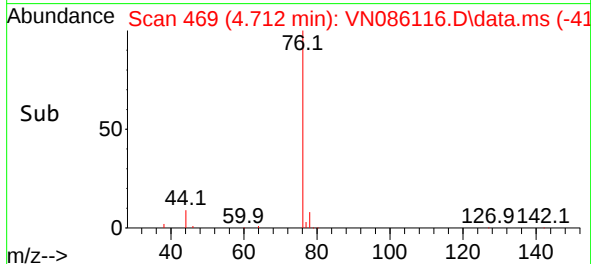
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 290920
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

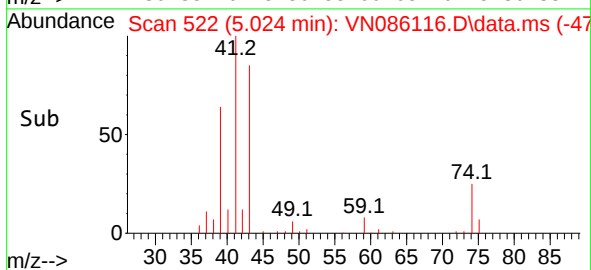
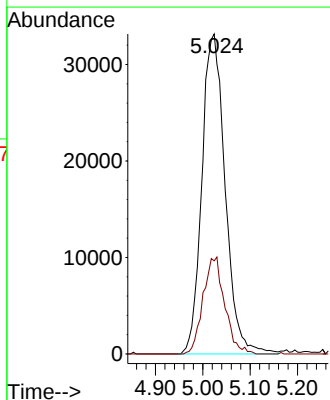
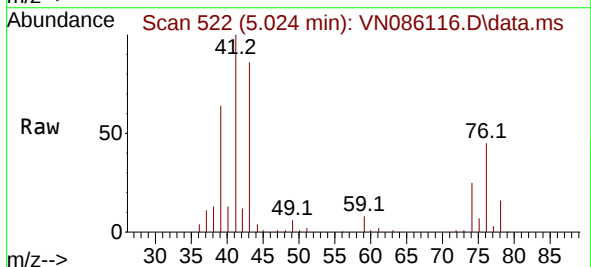
Manual Integrations
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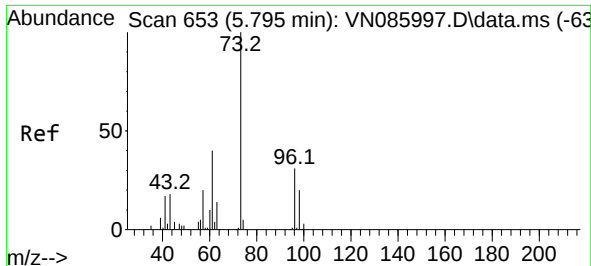
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#18
Methyl Acetate
Concen: 56.819 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

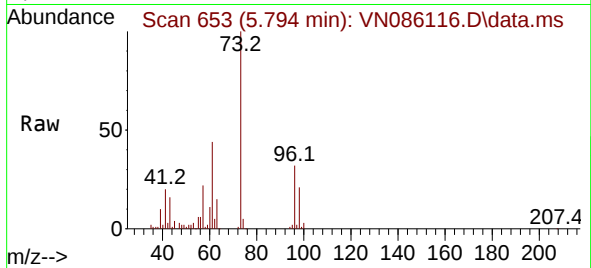
Tgt Ion: 43 Resp: 113454
Ion Ratio Lower Upper
43 100
74 28.1 23.9 35.9





#19
Methyl tert-butyl Ether
Concen: 51.975 ug/l
RT: 5.794 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

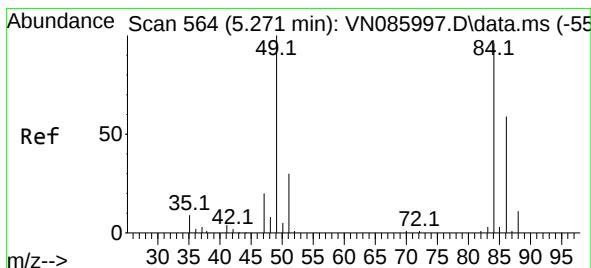
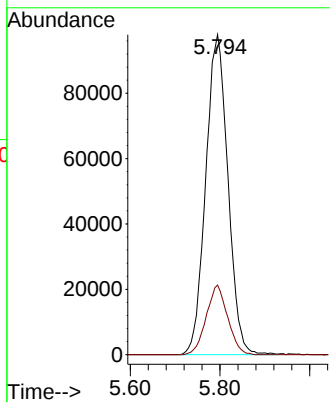
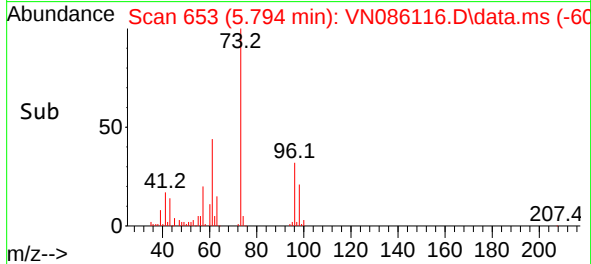
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 336614
Ion Ratio Lower Upper
73 100
57 21.7 16.1 24.1

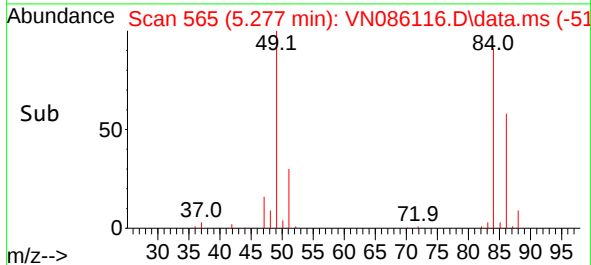
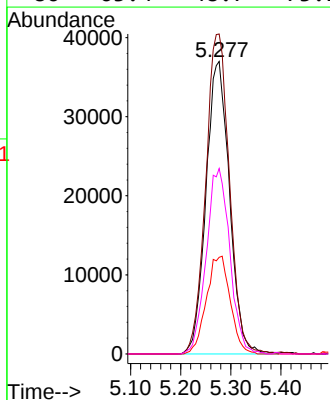
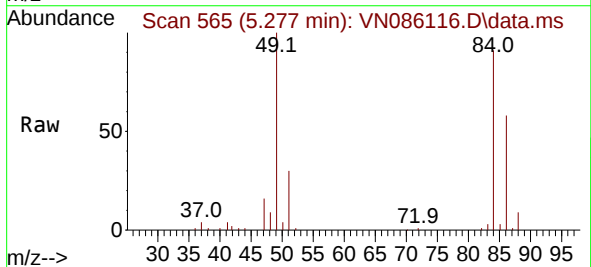
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#20
Methylene Chloride
Concen: 50.998 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

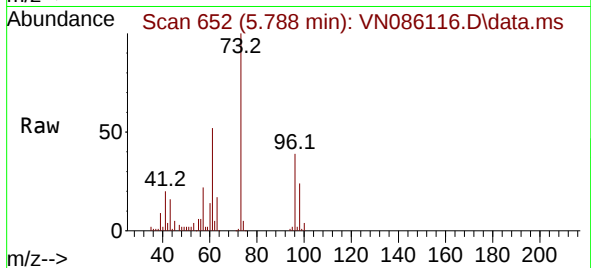
Tgt Ion: 84 Resp: 120404
Ion Ratio Lower Upper
84 100
49 109.4 83.3 124.9
51 33.1 24.8 37.2
86 63.4 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 51.621 ug/l
RT: 5.788 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

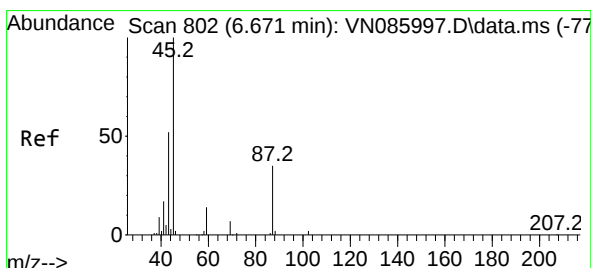
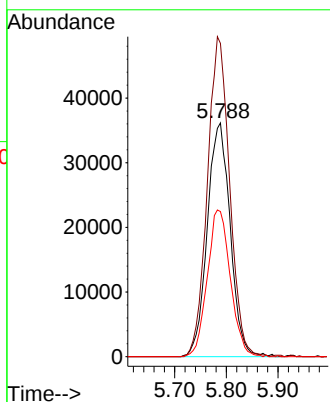
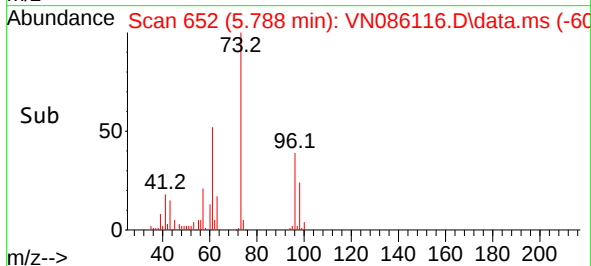
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 111490
Ion Ratio Lower Upper
96 100
61 134.0 106.6 160.0
98 62.1 50.0 75.0

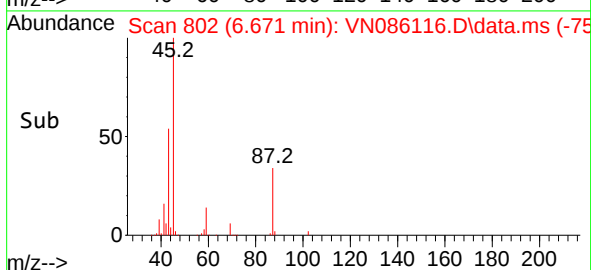
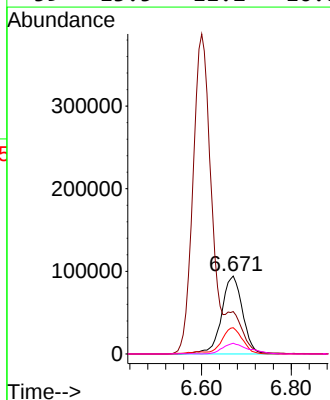
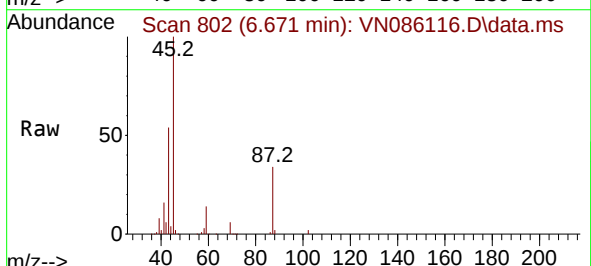
Manual Integrations
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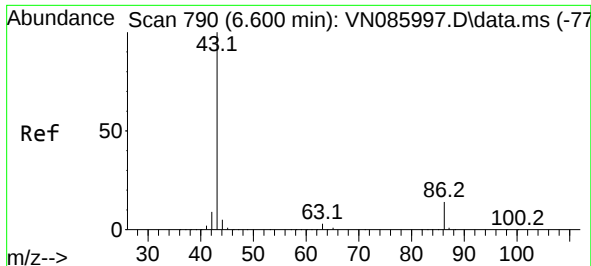
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#22
Diisopropyl ether
Concen: 58.316 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Tgt Ion: 45 Resp: 306413
Ion Ratio Lower Upper
45 100
43 53.2 41.2 61.8
87 33.8 28.5 42.7
59 13.5 11.2 16.8





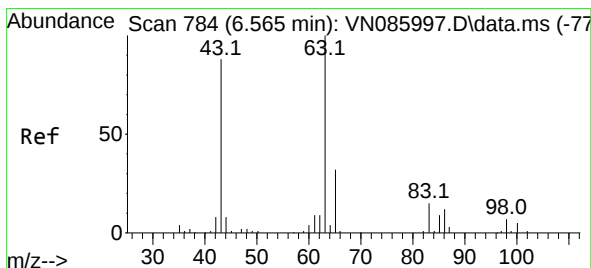
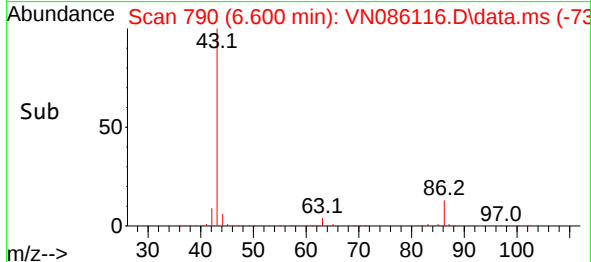
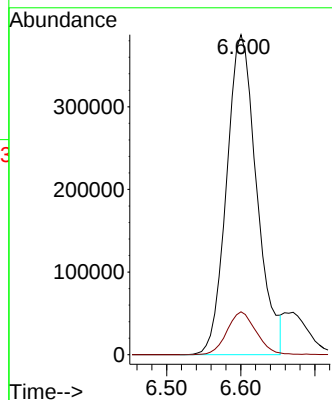
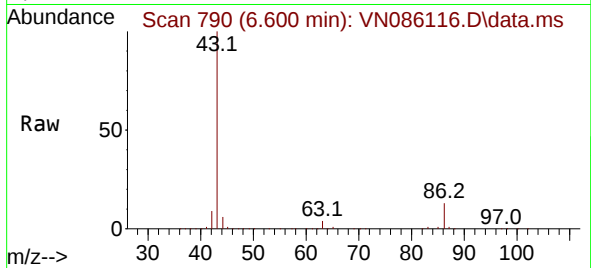
#23
 Vinyl Acetate
 Concen: 274.390 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086116.D
 Acq: 25 Mar 2025 21:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 109292
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.2 16.8

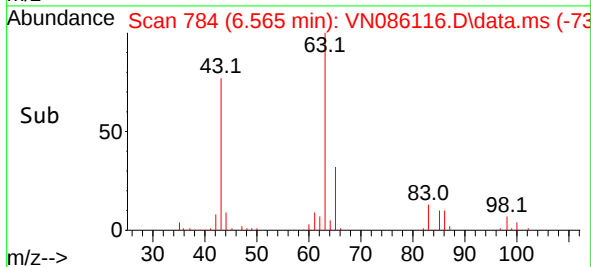
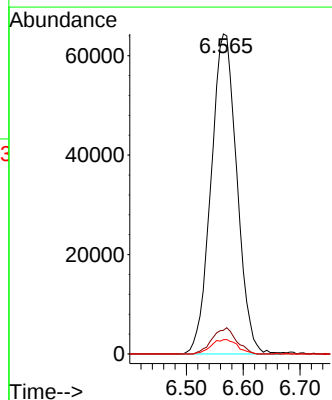
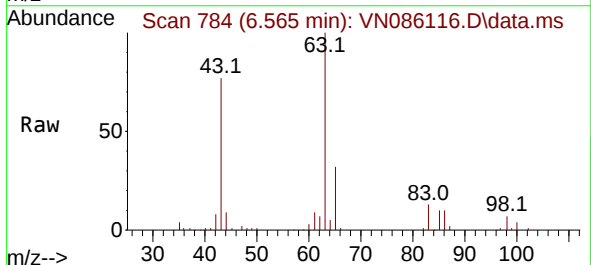
Manual Integrations
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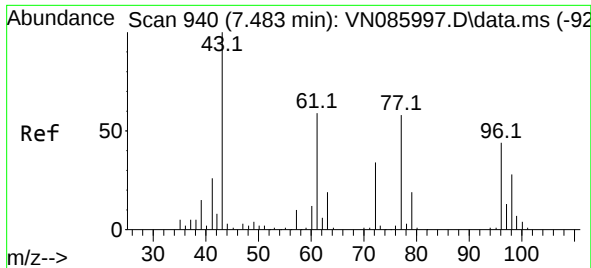
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#24
 1,1-Dichloroethane
 Concen: 52.626 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086116.D
 Acq: 25 Mar 2025 21:28

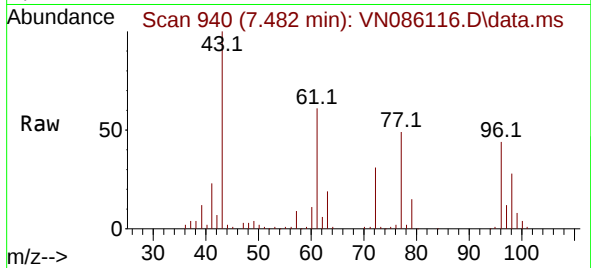
Tgt Ion: 63 Resp: 203334
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.5 2.5 7.5





#25
2-Butanone
Concen: 247.613 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

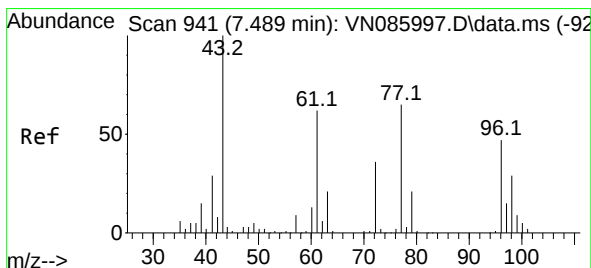
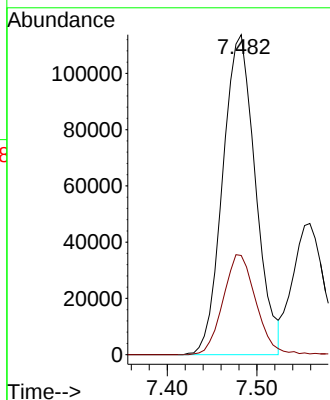
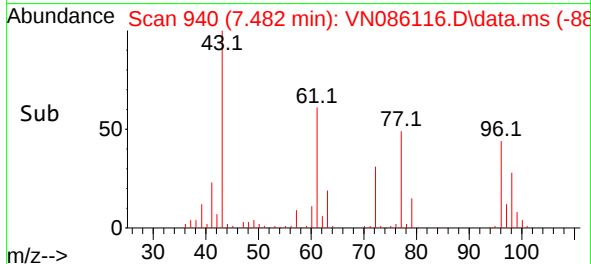
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



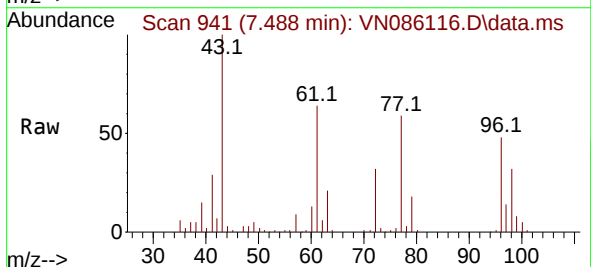
Tgt Ion: 43 Resp: 28835
Ion Ratio Lower Upper
43 100
72 31.0 27.4 41.0

Manual Integrations
APPROVED

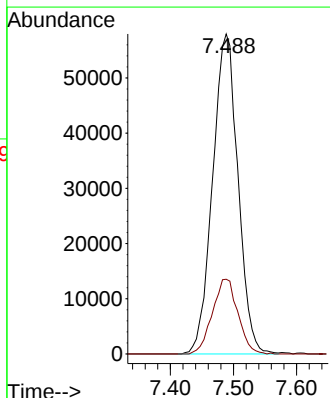
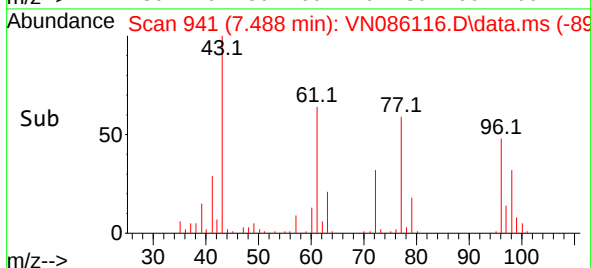
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#26
2,2-Dichloropropane
Concen: 43.439 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28



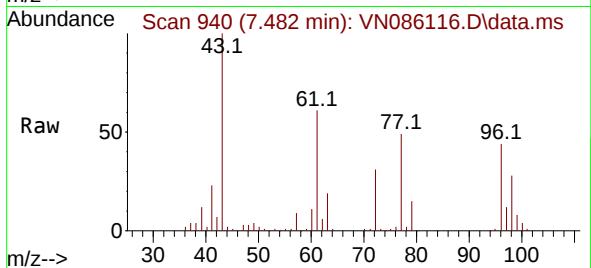
Tgt Ion: 77 Resp: 161584
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 53.071 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086116.D
 Acq: 25 Mar 2025 21:28

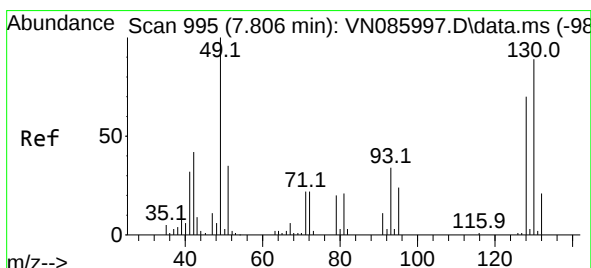
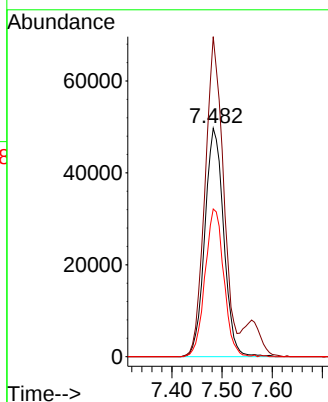
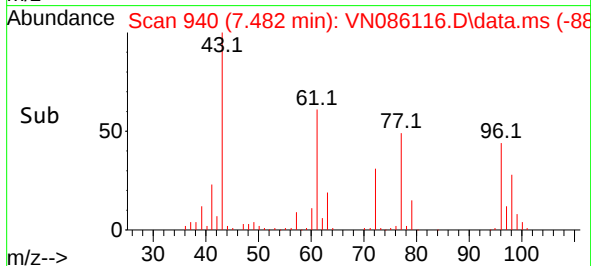
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



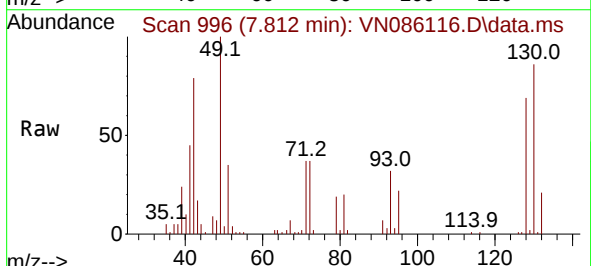
Tgt Ion: 96 Resp: 130259
 Ion Ratio Lower Upper
 96 100
 61 136.4 0.0 272.8
 98 64.2 0.0 124.8

Manual Integrations
 APPROVED

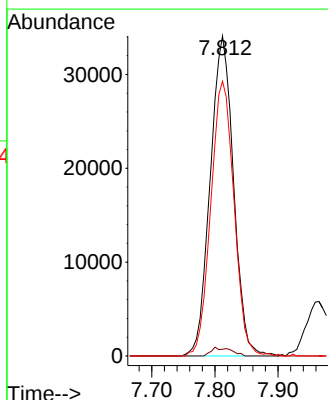
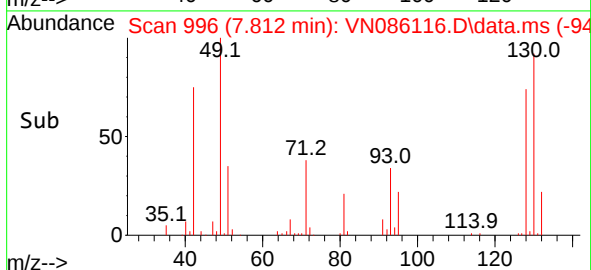
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

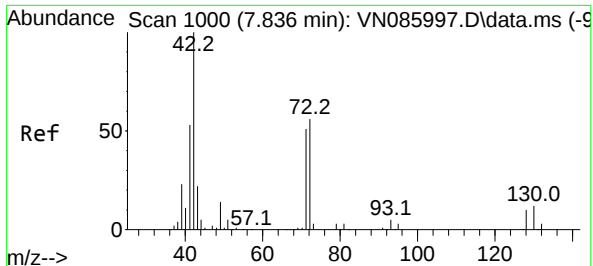


#28
 Bromochloromethane
 Concen: 53.367 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086116.D
 Acq: 25 Mar 2025 21:28



Tgt Ion: 49 Resp: 87362
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 85.5 74.2 111.4





#29

Tetrahydrofuran

Concen: 274.425 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086116.D

Acq: 25 Mar 2025 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 197294

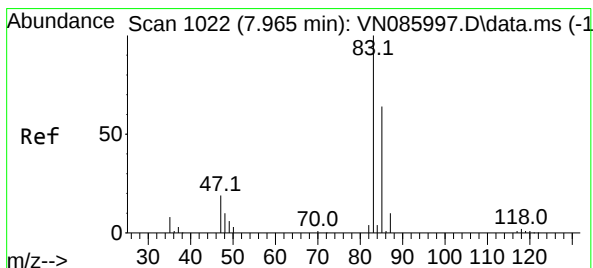
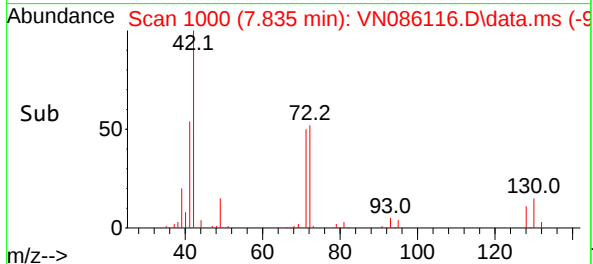
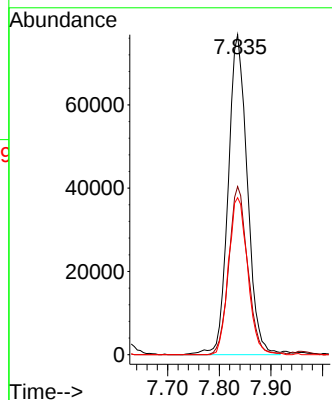
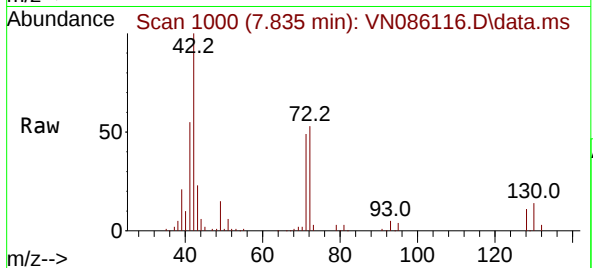
Ion	Ratio	Lower	Upper
42	100		
72	52.0	45.0	67.4
71	49.2	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#30

Chloroform

Concen: 51.036 ug/l

RT: 7.965 min Scan# 1022

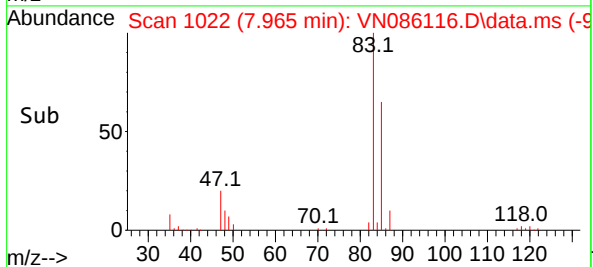
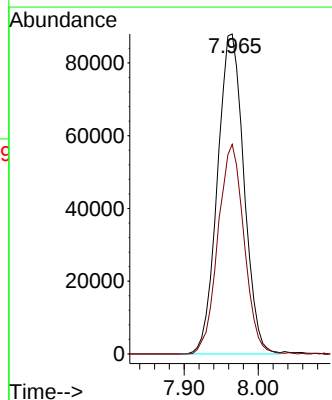
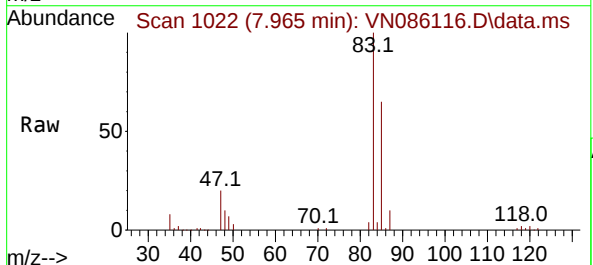
Delta R.T. -0.000 min

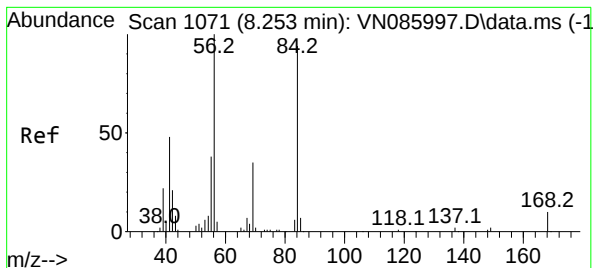
Lab File: VN086116.D

Acq: 25 Mar 2025 21:28

Tgt Ion: 83 Resp: 217958

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.5	77.3





#31

Cyclohexane

Concen: 50.134 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086116.D

Acq: 25 Mar 2025 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

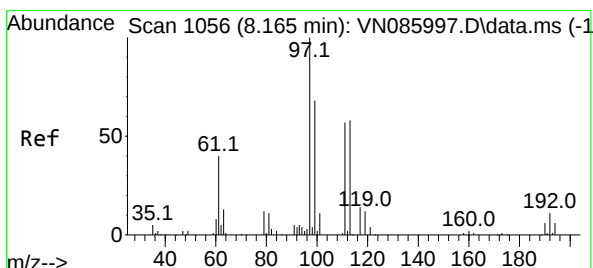
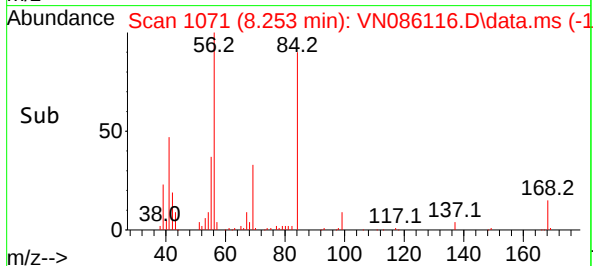
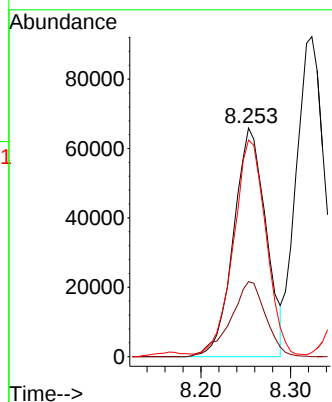
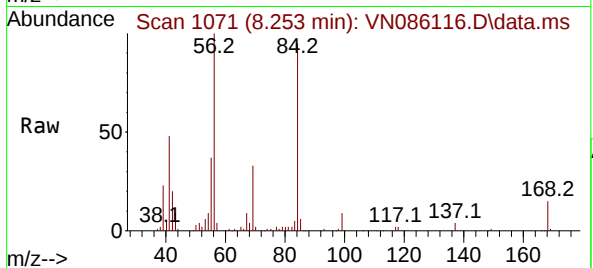
Tgt Ion:	56	Resp:	16501
Ion Ratio	Lower	Upper	
56	100		
69	32.8	28.0	42.0
84	93.4	75.0	112.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#32

1,1,1-Trichloroethane

Concen: 49.405 ug/l

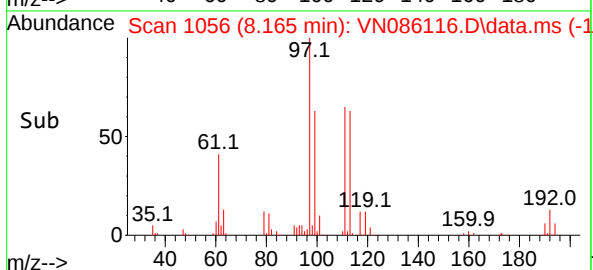
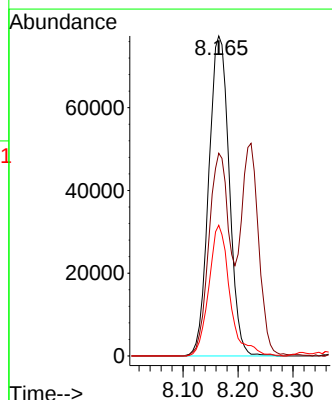
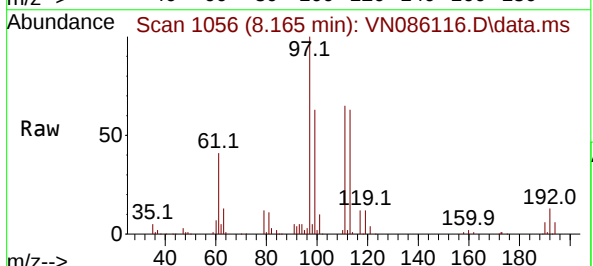
RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086116.D

Acq: 25 Mar 2025 21:28

Tgt Ion:	97	Resp:	199728
Ion Ratio	Lower	Upper	
97	100		
99	64.4	52.8	79.2
61	42.2	33.6	50.4





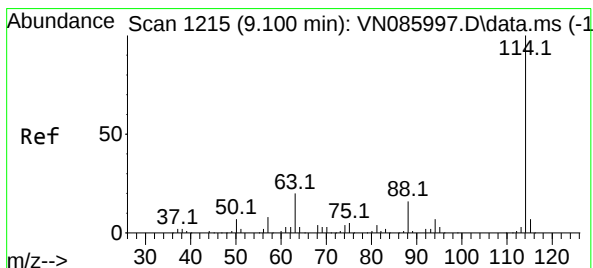
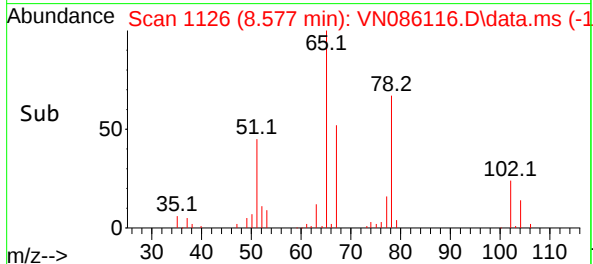
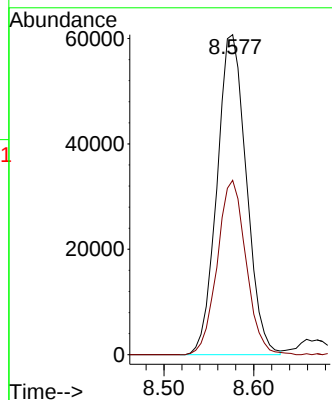
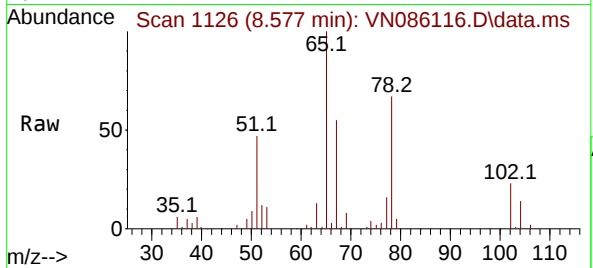
#33
1,2-Dichloroethane-d4
Concen: 52.178 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 13783
Ion Ratio Lower Upper
65 100
67 53.4 0.0 102.2

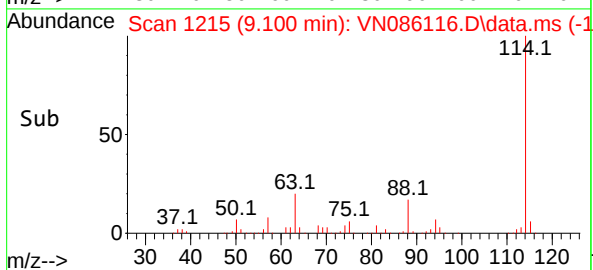
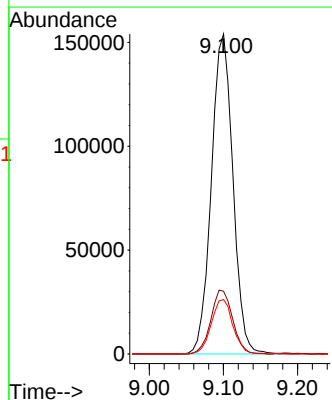
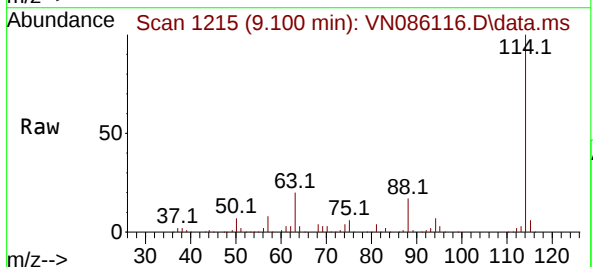
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Tgt Ion:114 Resp: 310821
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.6
88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.057 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086116.D

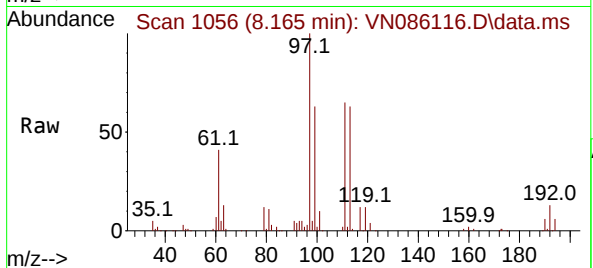
Acq: 25 Mar 2025 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



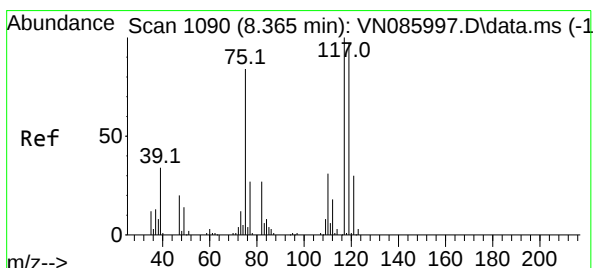
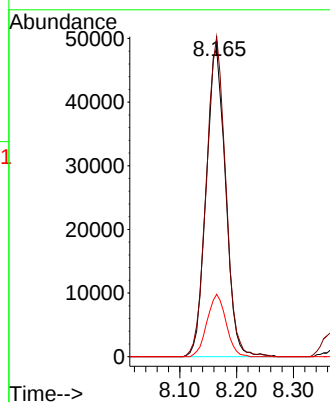
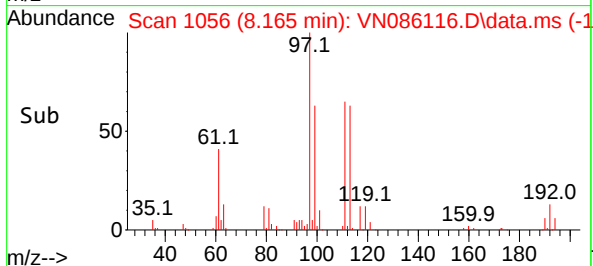
Tgt Ion:	113	Resp:	115100
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.8	122.8
192	19.8	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#36

1,1-Dichloropropene

Concen: 51.757 ug/l

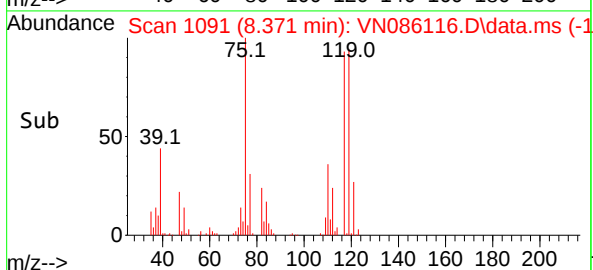
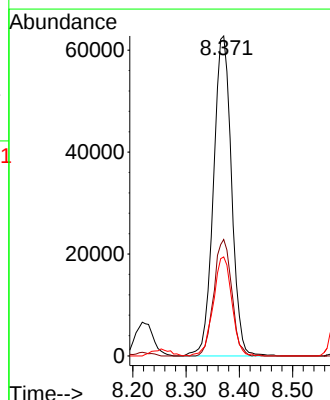
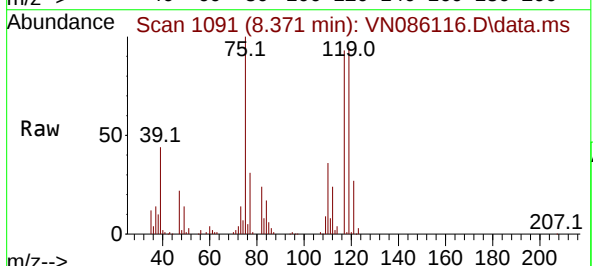
RT: 8.371 min Scan# 1091

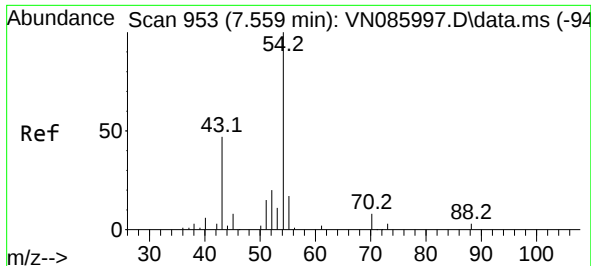
Delta R.T. 0.006 min

Lab File: VN086116.D

Acq: 25 Mar 2025 21:28

Tgt Ion:	75	Resp:	147853
Ion Ratio	Lower	Upper	
75	100		
110	35.9	17.8	53.3
77	31.9	25.0	37.4





#37

Ethyl Acetate

Concen: 49.338 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086116.D

Acq: 25 Mar 2025 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 11890

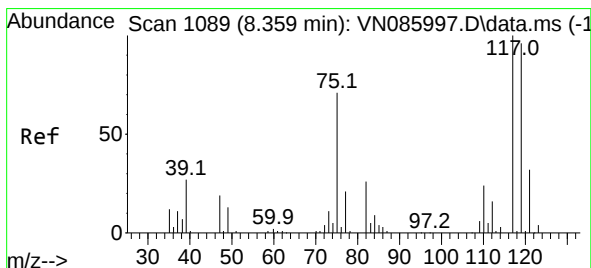
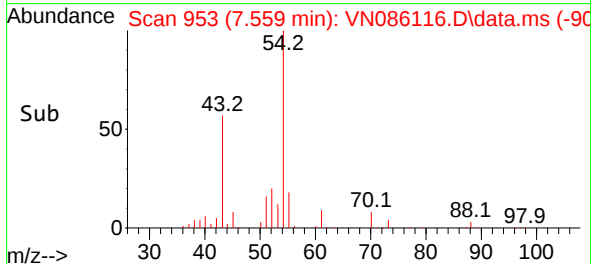
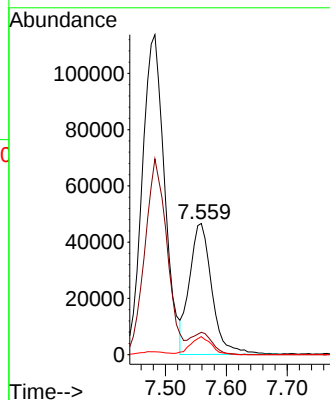
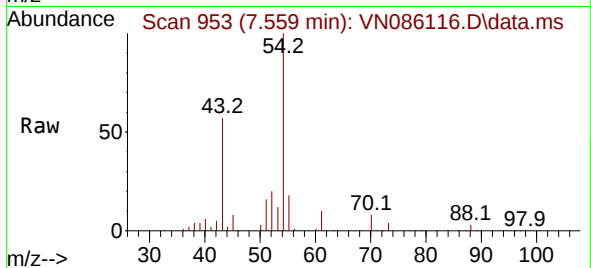
Ion	Ratio	Lower	Upper
43	100		
61	15.6	13.0	19.4
70	12.9	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#38

Carbon Tetrachloride

Concen: 48.849 ug/l

RT: 8.359 min Scan# 1089

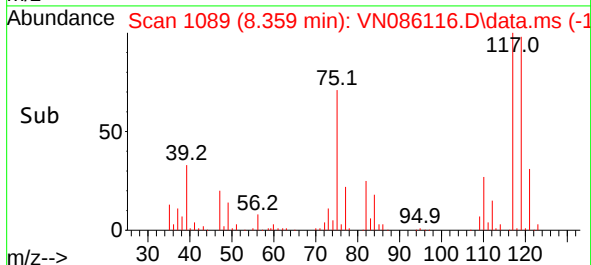
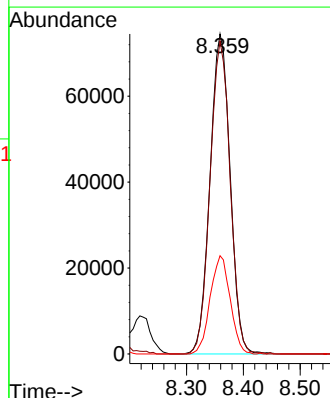
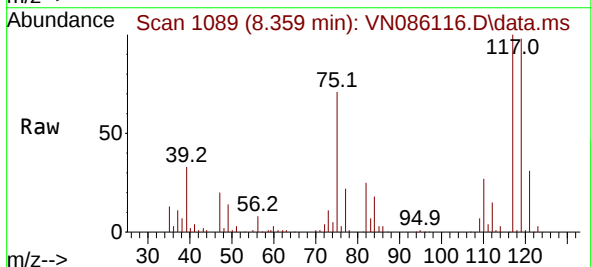
Delta R.T. -0.000 min

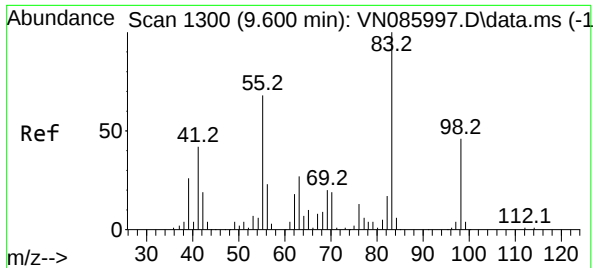
Lab File: VN086116.D

Acq: 25 Mar 2025 21:28

Tgt Ion:117 Resp: 183481

Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.0	115.4
121	30.7	25.6	38.4





#39
Methylcyclohexane
Concen: 50.804 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

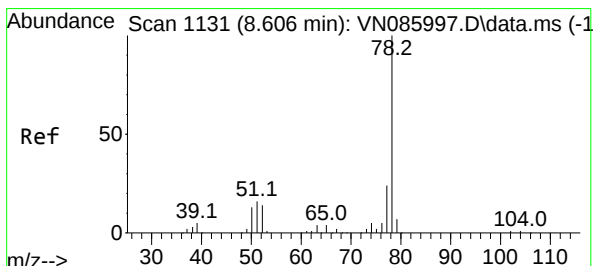
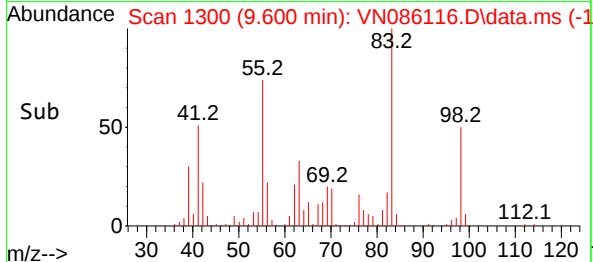
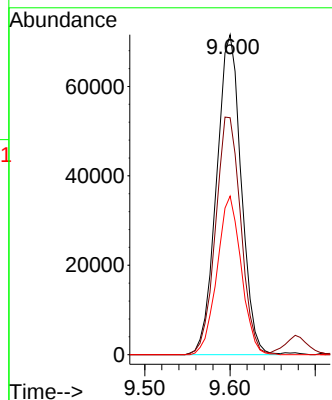
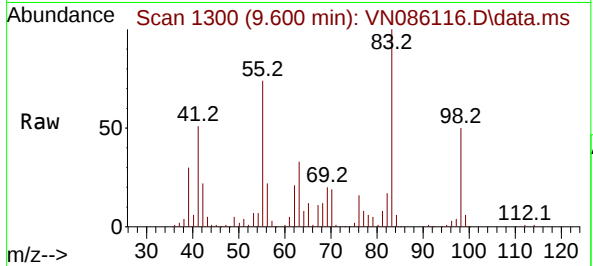
Tgt Ion: 83 Resp: 143989
Ion Ratio Lower Upper
83 100
55 74.0 54.2 81.2
98 49.6 37.1 55.7

Manual Integrations

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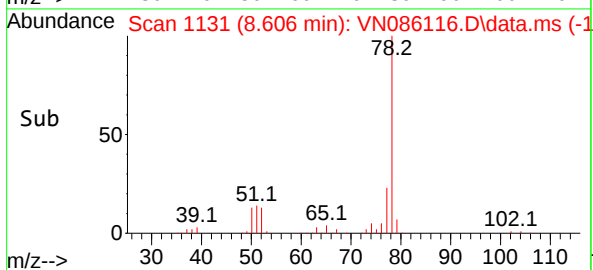
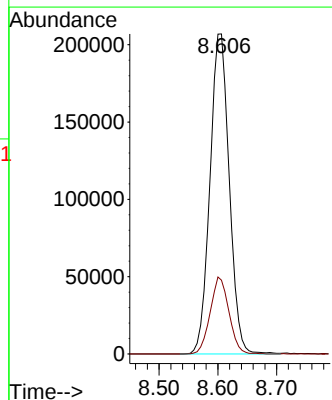
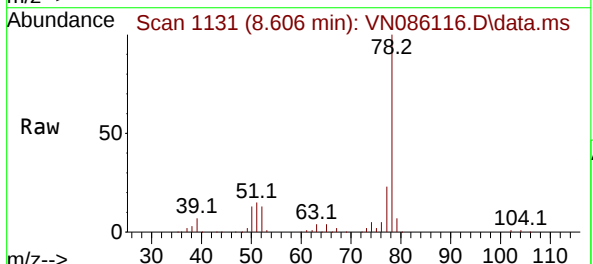
Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#40
Benzene
Concen: 52.606 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

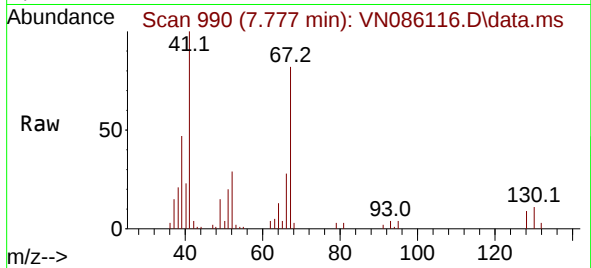
Tgt Ion: 78 Resp: 471763
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3





#41
Methacrylonitrile
Concen: 55.312 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

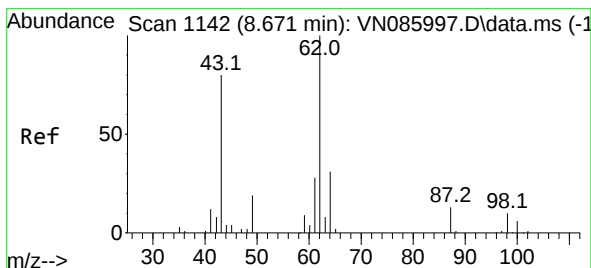
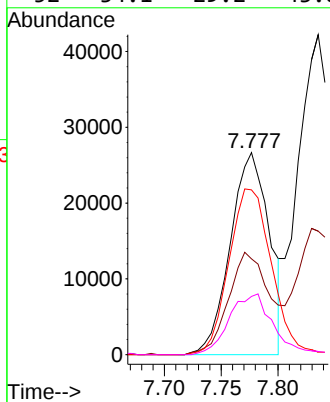
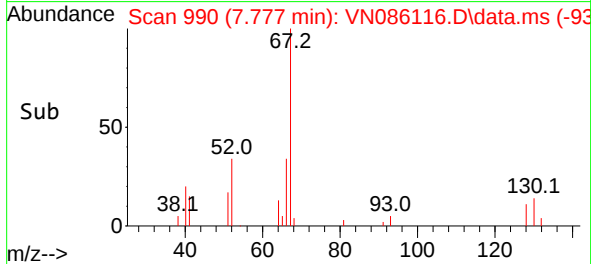
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



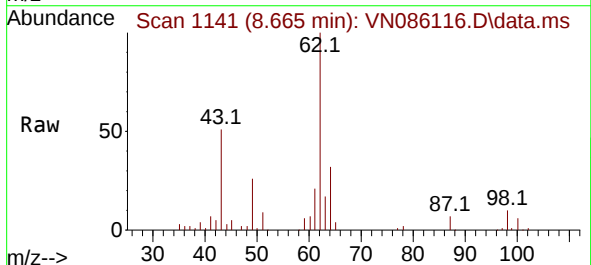
Tgt Ion: 41 Resp: 6365
Ion Ratio Lower Upper
41 100
39 55.4 46.2 69.2
67 90.1 75.9 113.9
52 34.1 29.2 43.8

Manual Integrations
APPROVED

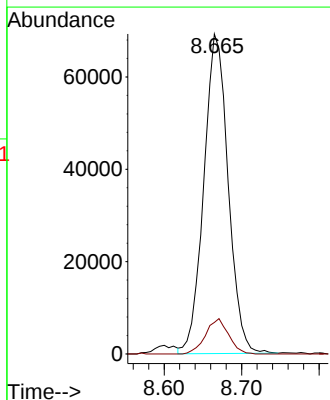
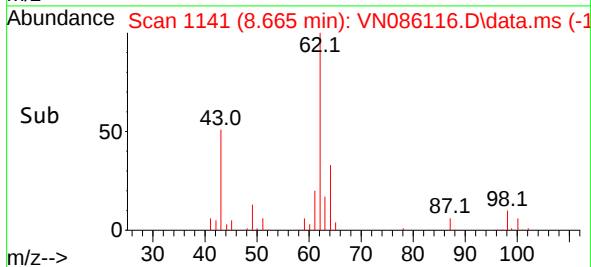
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#42
1,2-Dichloroethane
Concen: 48.432 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28



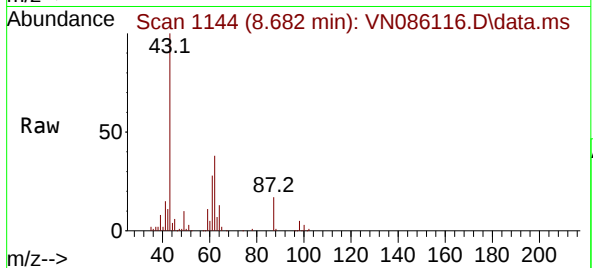
Tgt Ion: 62 Resp: 151338
Ion Ratio Lower Upper
62 100
98 10.4 0.0 18.6





#43
Isopropyl Acetate
Concen: 41.436 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

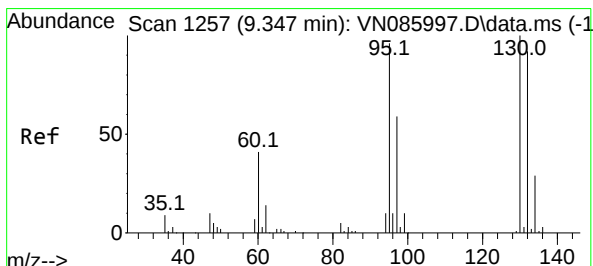
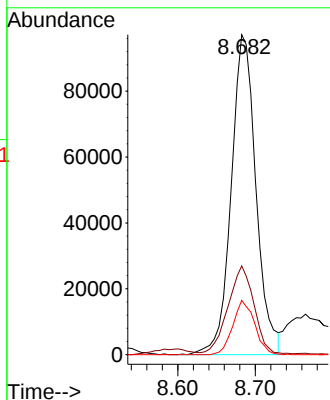
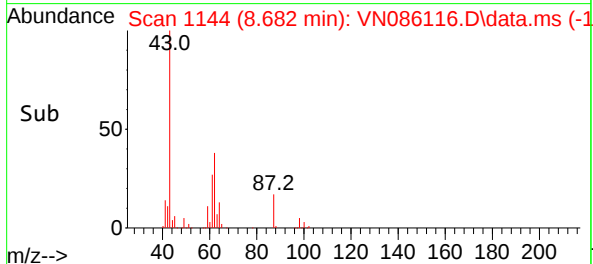
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 216390
Ion Ratio Lower Upper
43 100
61 28.8 25.0 37.6
87 15.0 13.0 19.4

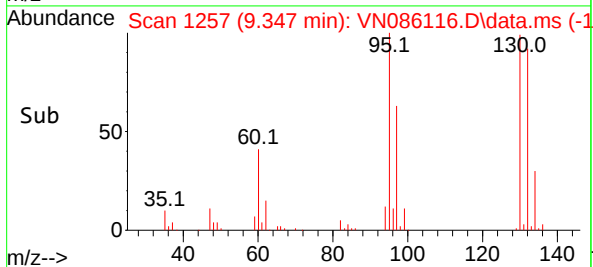
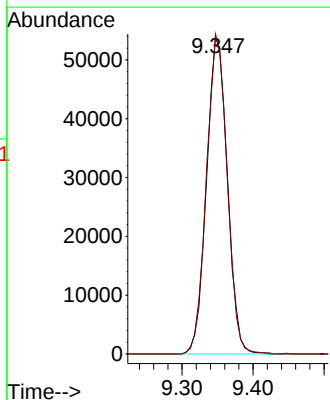
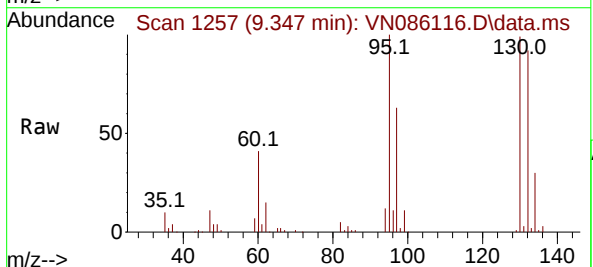
Manual Integrations
APPROVED

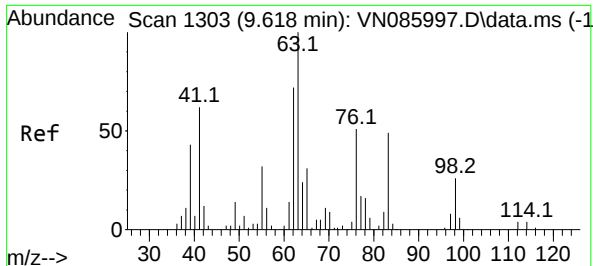
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#44
Trichloroethene
Concen: 47.177 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Tgt Ion:130 Resp: 109650
Ion Ratio Lower Upper
130 100
95 101.2 0.0 191.6





#45

1,2-Dichloropropane

Concen: 55.082 ug/l

RT: 9.618 min Scan# 112349

Delta R.T. -0.000 min

Lab File: VN086116.D

Acq: 25 Mar 2025 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 112349

Ion Ratio Lower Upper

63 100

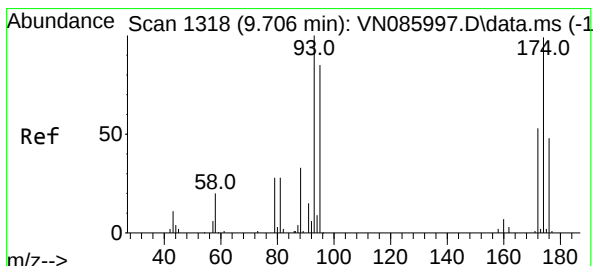
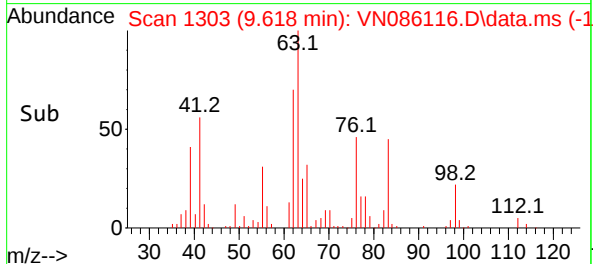
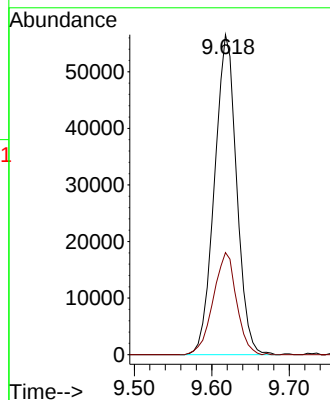
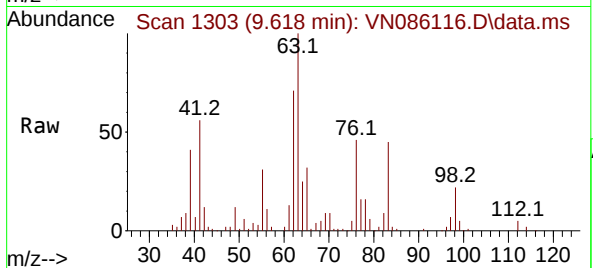
65 31.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#46

Dibromomethane

Concen: 50.298 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086116.D

Acq: 25 Mar 2025 21:28

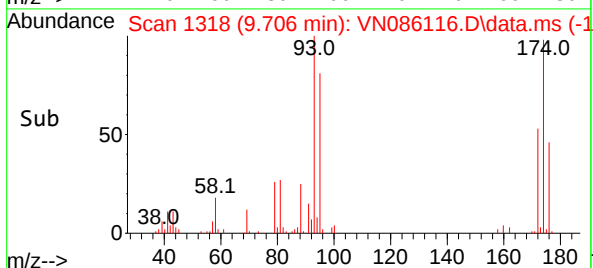
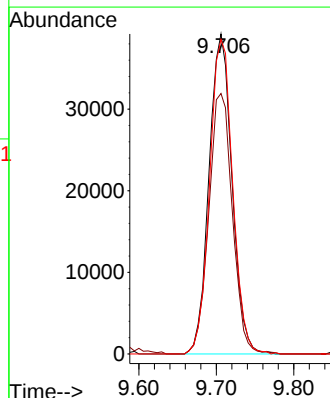
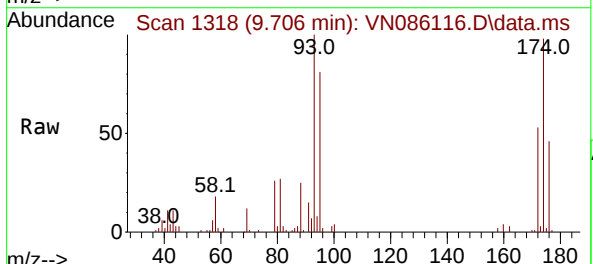
Tgt Ion: 93 Resp: 80681

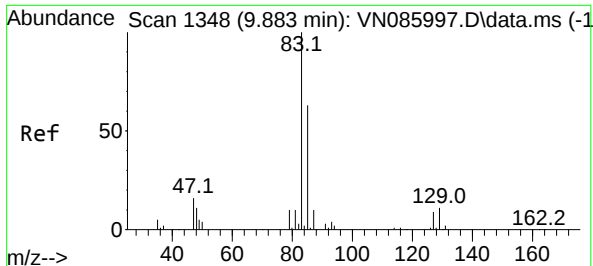
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.2

174 98.7 80.1 120.1





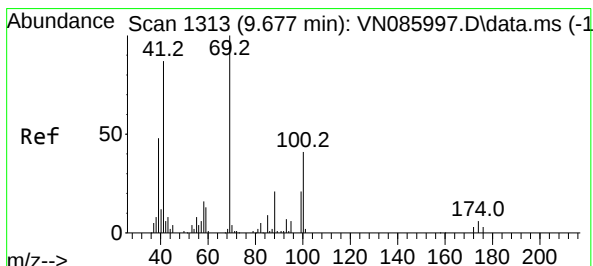
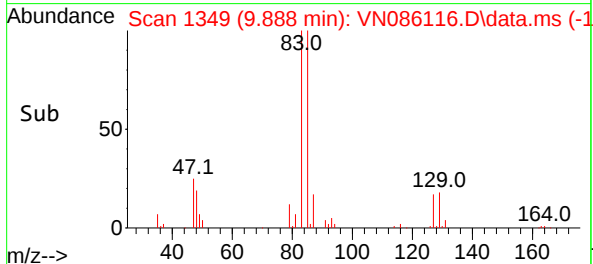
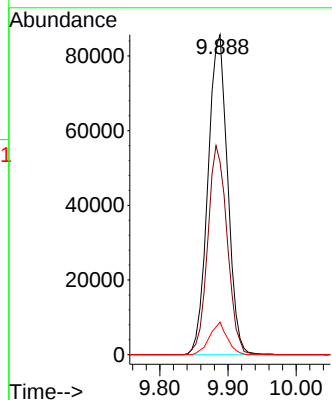
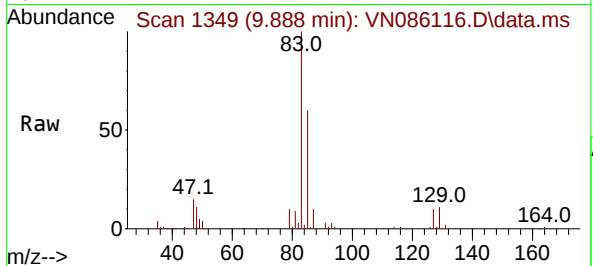
#47
Bromodichloromethane
Concen: 51.256 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 17183
Ion Ratio Lower Upper
83 100
85 60.1 50.2 75.2
127 10.2 7.1 10.7

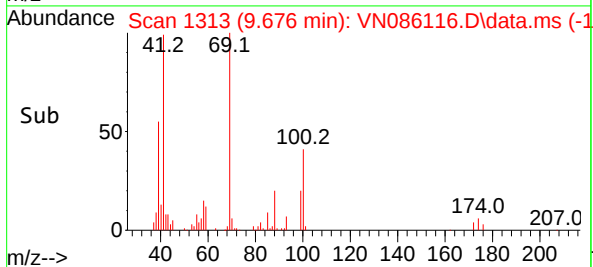
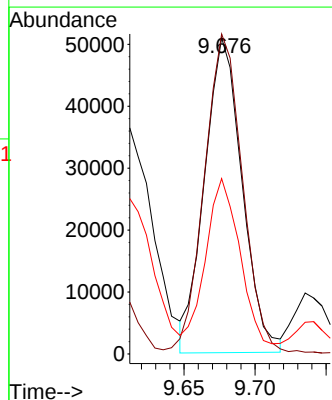
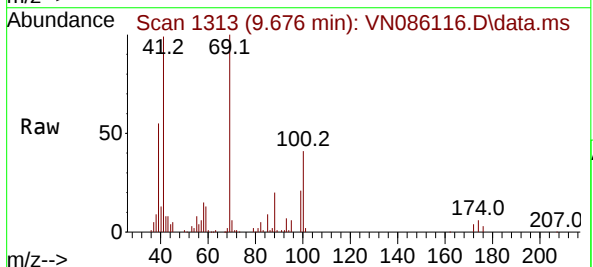
Manual Integrations
APPROVED

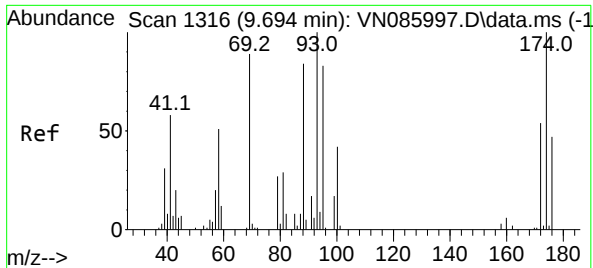
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#48
Methyl methacrylate
Concen: 54.160 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

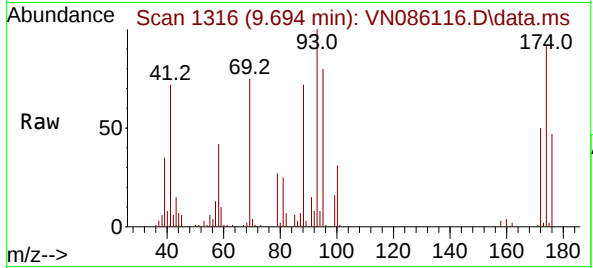
Tgt Ion: 41 Resp: 93336
Ion Ratio Lower Upper
41 100
69 104.2 83.1 124.7
39 52.8 45.6 68.4





#49
 1,4-Dioxane
 Concen: 986.995 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. -0.000 min
 Lab File: VN086116.D
 Acq: 25 Mar 2025 21:28

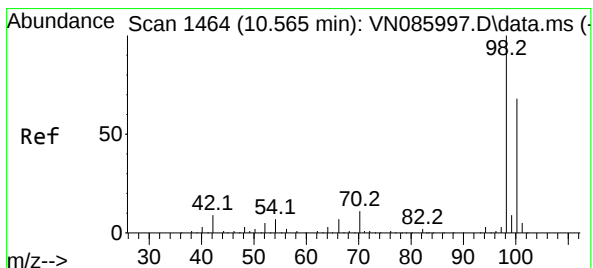
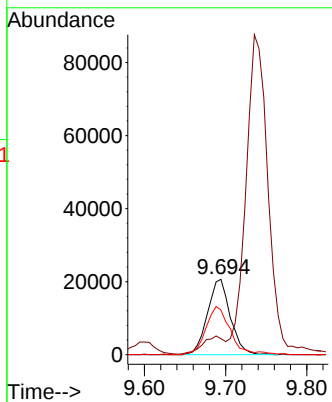
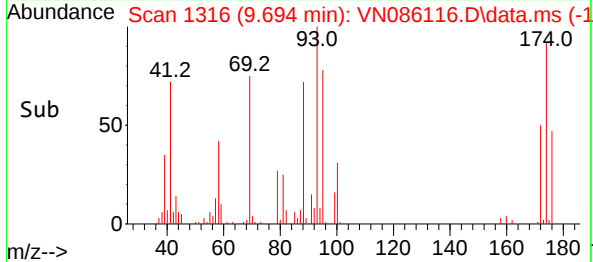
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:	88	Resp:	40209
Ion	Ratio	Lower	Upper
88	100		
43	23.0	21.7	32.5
58	69.2	50.4	75.6

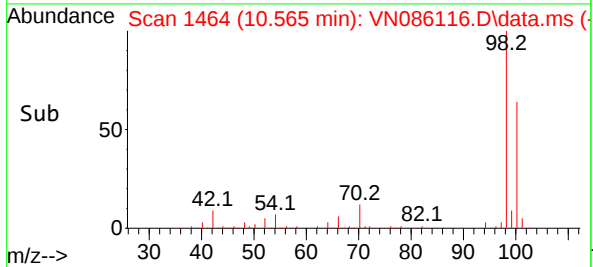
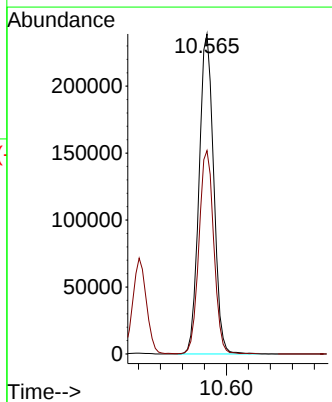
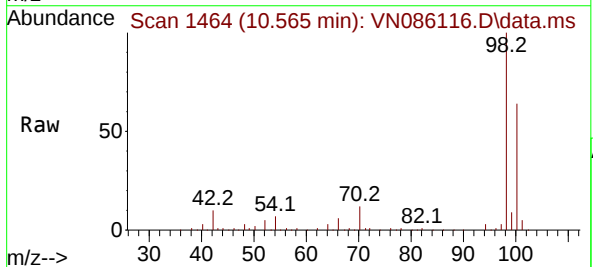
Manual Integrations
 APPROVED

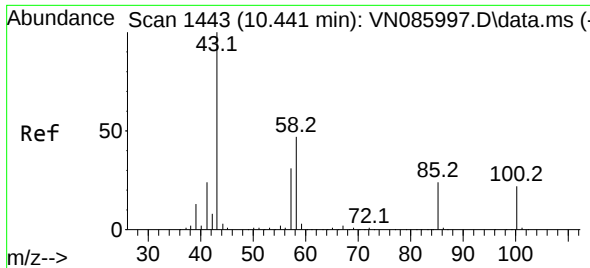
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#50
 Toluene-d8
 Concen: 56.025 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN086116.D
 Acq: 25 Mar 2025 21:28

Tgt Ion:	98	Resp:	441127
Ion	Ratio	Lower	Upper
98	100		
100	64.6	53.1	79.7





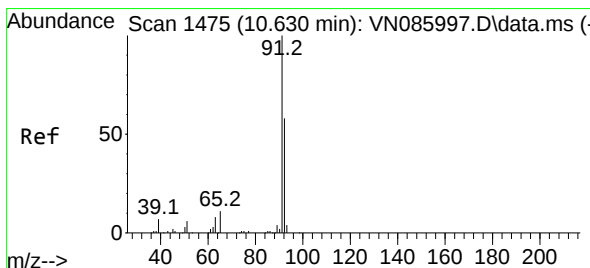
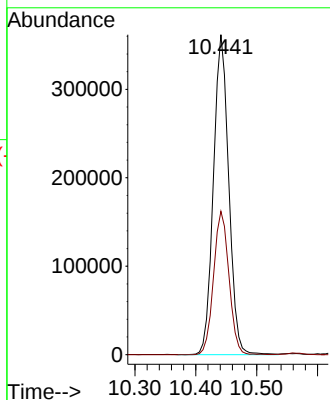
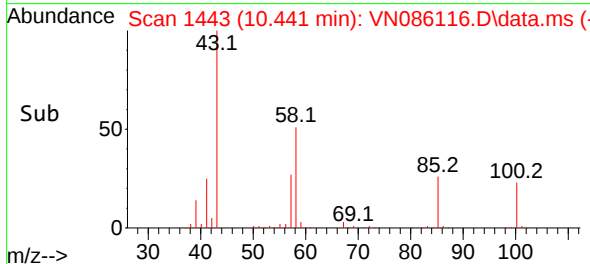
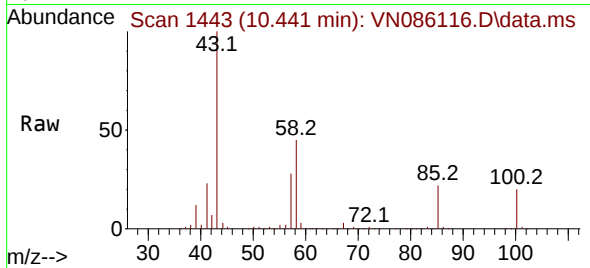
#51
4-Methyl-2-Pentanone
Concen: 274.509 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 632249
Ion Ratio Lower Upper
43 100
58 45.0 37.4 56.0

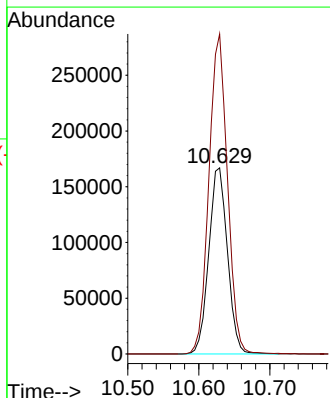
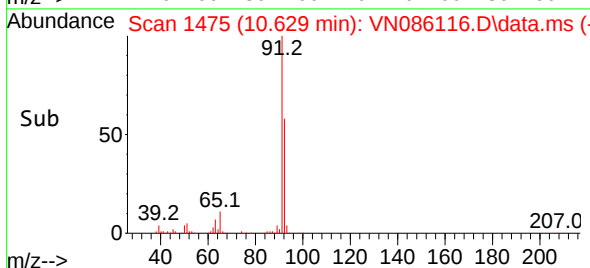
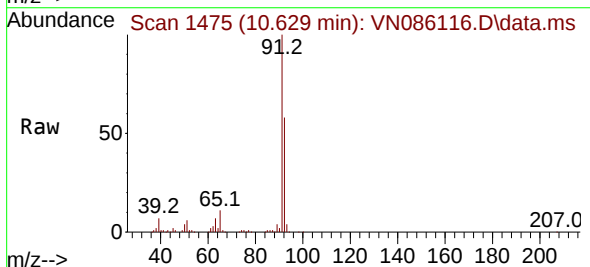
Manual Integrations
APPROVED

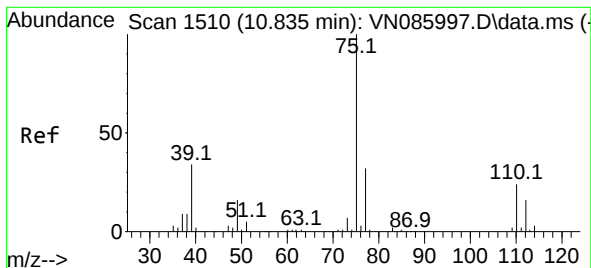
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#52
Toluene
Concen: 55.369 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

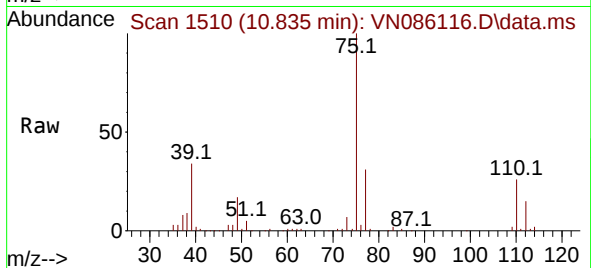
Tgt Ion: 92 Resp: 304750
Ion Ratio Lower Upper
92 100
91 170.6 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 51.536 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

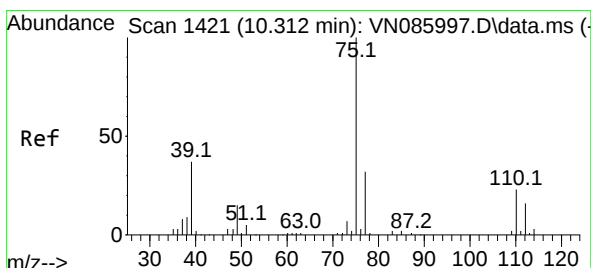
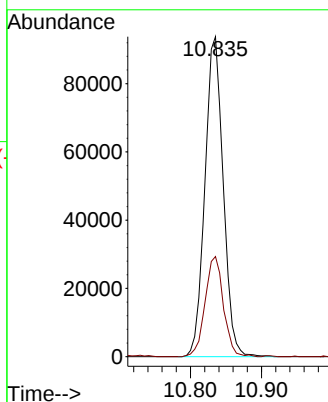
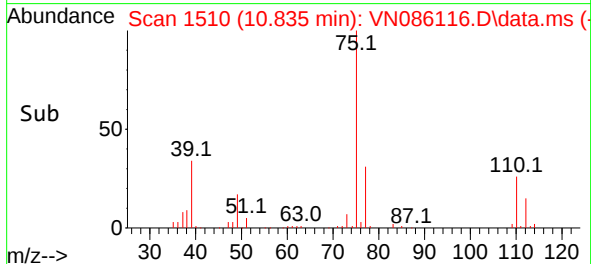
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



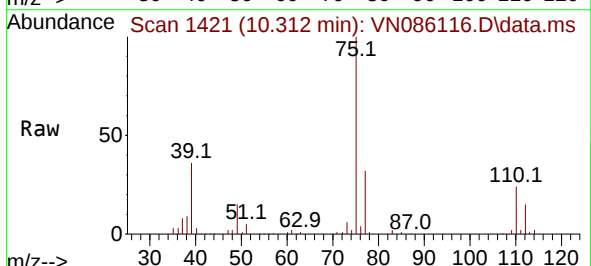
Tgt Ion: 75 Resp: 167788
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9

Manual Integrations
APPROVED

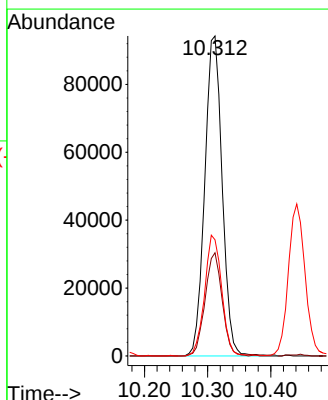
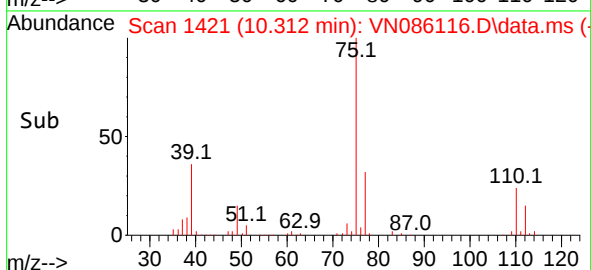
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

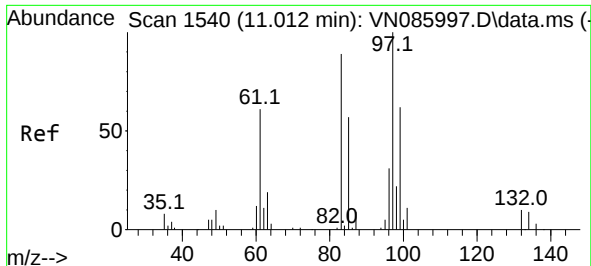


#54
cis-1,3-Dichloropropene
Concen: 52.494 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28



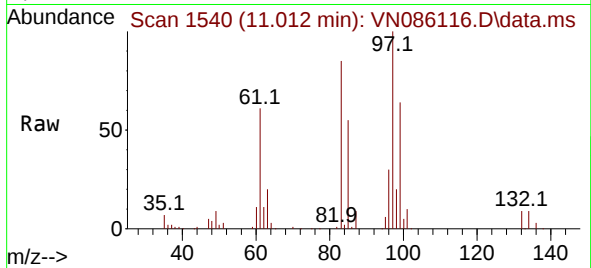
Tgt Ion: 75 Resp: 180320
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 36.3 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 53.934 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

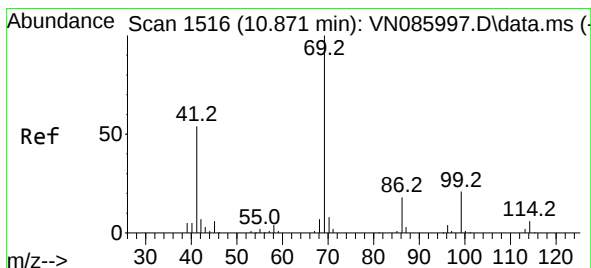
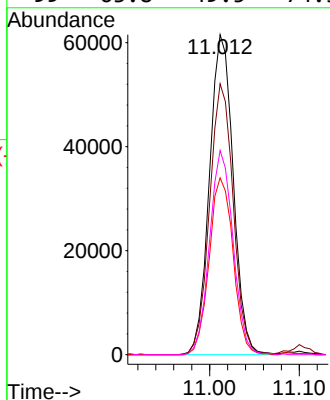
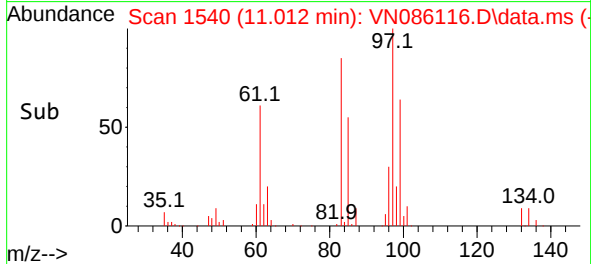
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



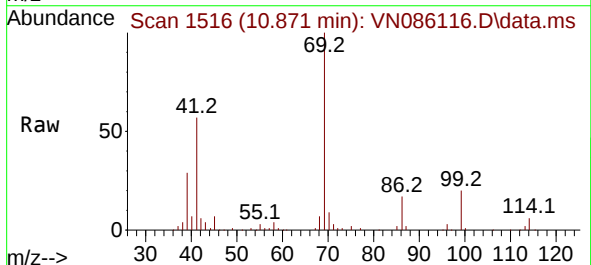
Tgt Ion: 97 Resp: 113302
Ion Ratio Lower Upper
97 100
83 84.7 71.2 106.8
85 55.3 45.4 68.0
99 63.8 49.5 74.3

Manual Integrations
APPROVED

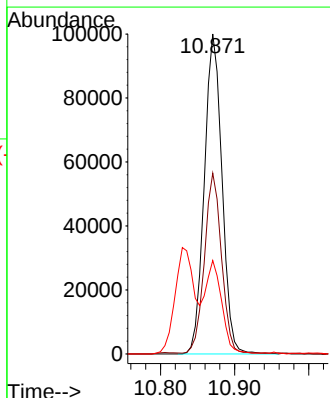
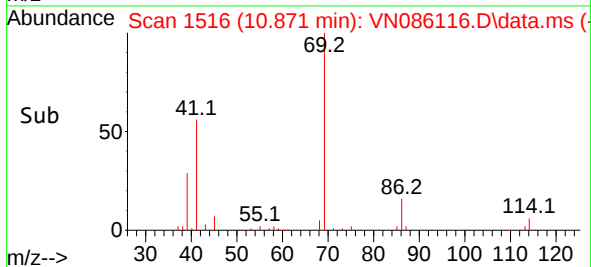
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

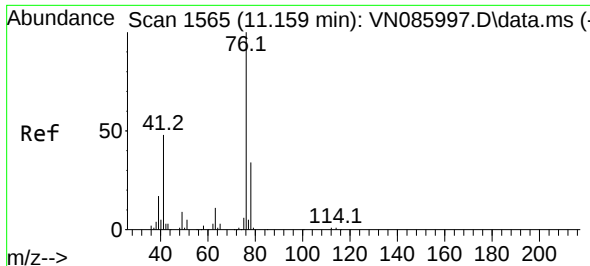


#56
Ethyl methacrylate
Concen: 50.492 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28



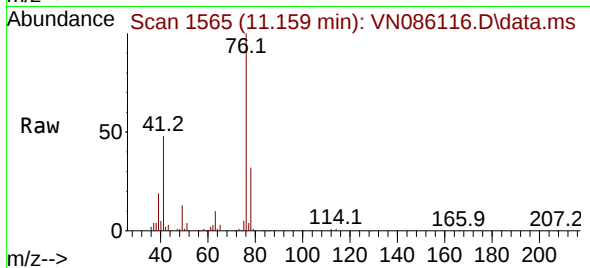
Tgt Ion: 69 Resp: 165791
Ion Ratio Lower Upper
69 100
41 54.2 41.6 62.4
39 26.8 21.8 32.8





#57
1,3-Dichloropropane
Concen: 53.825 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

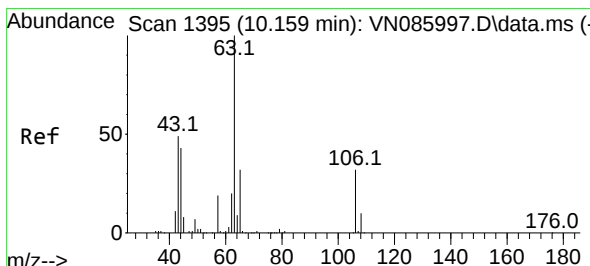
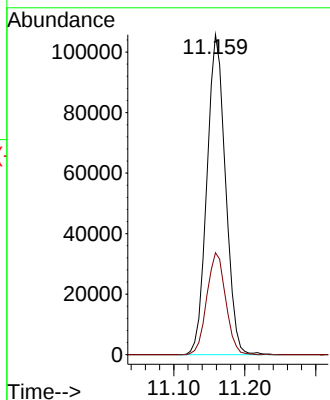
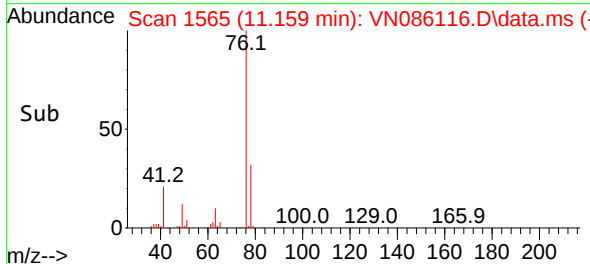
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 19205
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.6

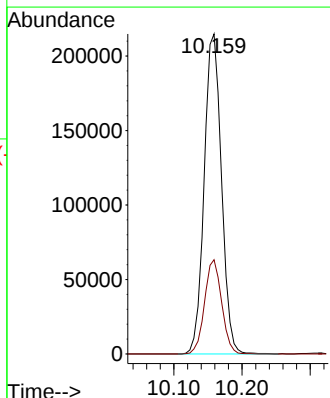
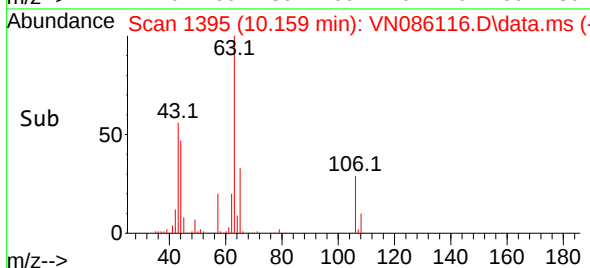
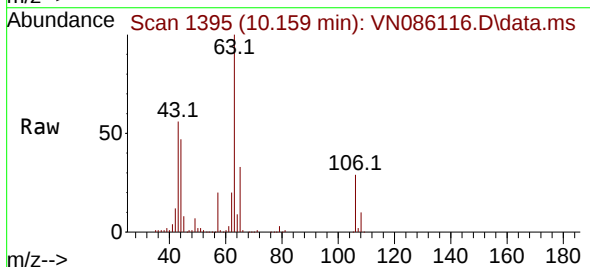
Manual Integrations
APPROVED

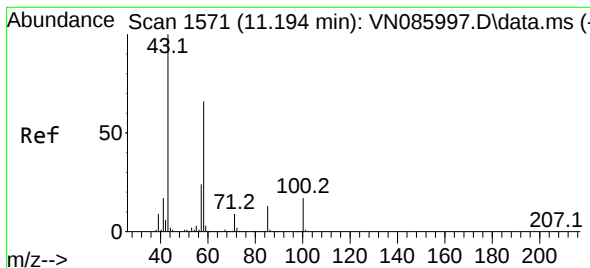
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 291.798 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

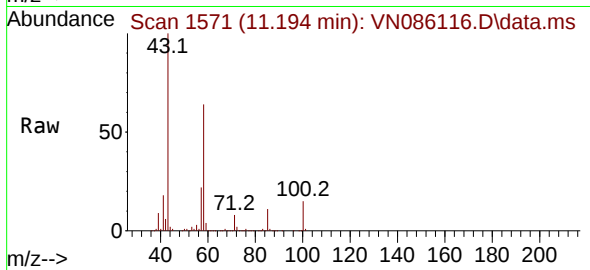
Tgt Ion: 63 Resp: 378789
Ion Ratio Lower Upper
63 100
106 29.1 25.0 37.6





#59
2-Hexanone
Concen: 273.086 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

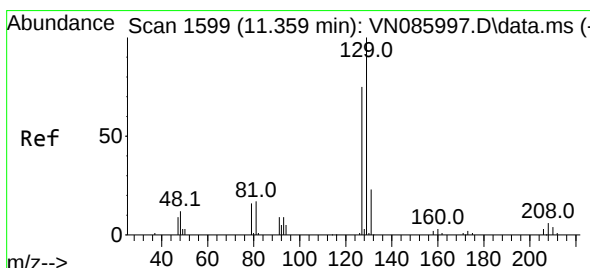
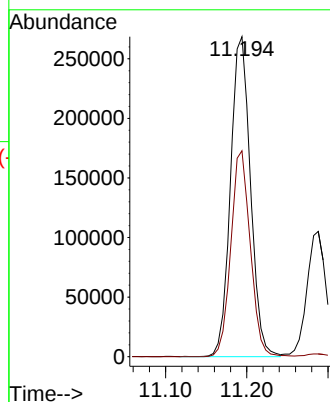
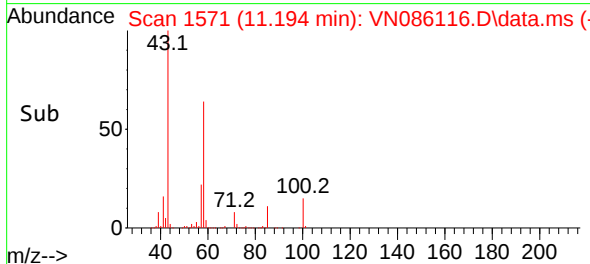
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 458200
Ion Ratio Lower Upper
43 100
58 62.7 32.4 97.2

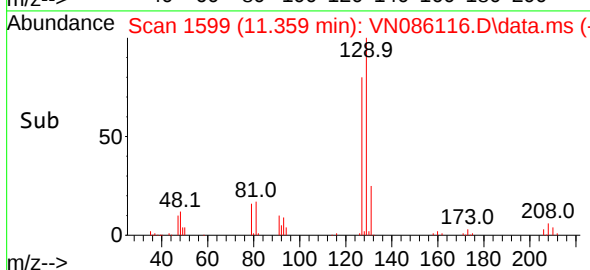
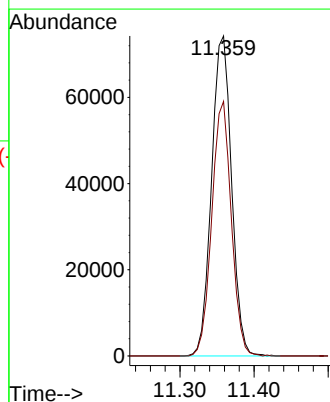
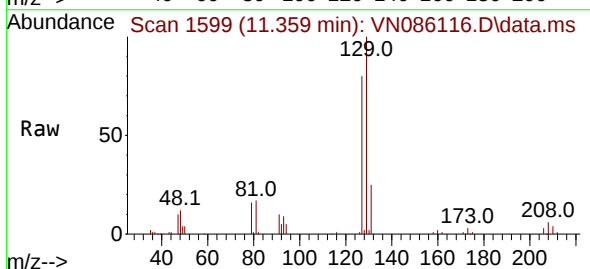
Manual Integrations
APPROVED

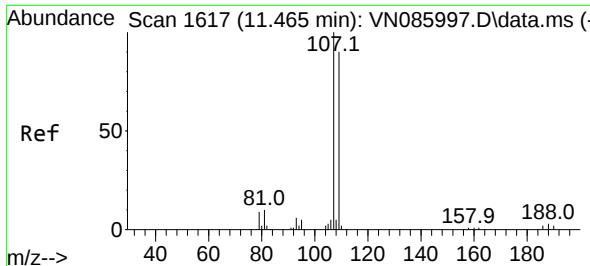
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#60
Dibromochloromethane
Concen: 51.336 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

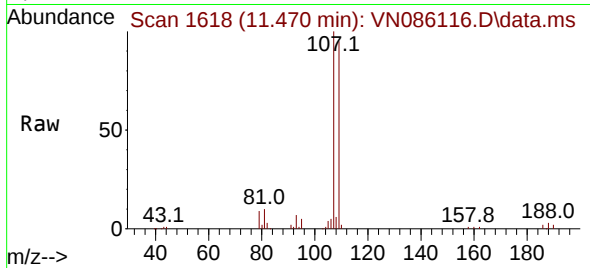
Tgt Ion:129 Resp: 139161
Ion Ratio Lower Upper
129 100
127 77.6 37.8 113.4





#61
1,2-Dibromoethane
Concen: 51.337 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

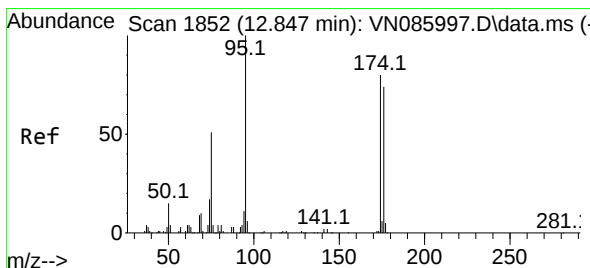
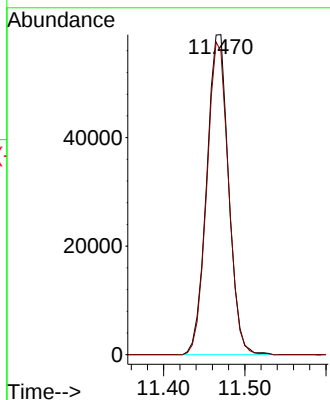
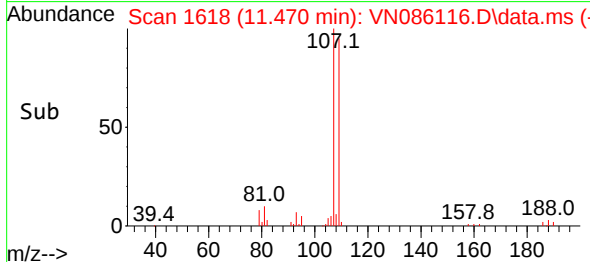
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



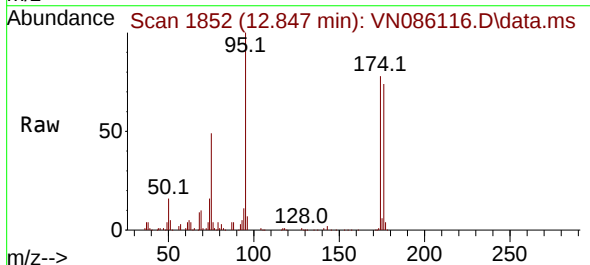
Tgt Ion:107 Resp: 110715
Ion Ratio Lower Upper
107 100
109 96.5 73.3 109.9

Manual Integrations
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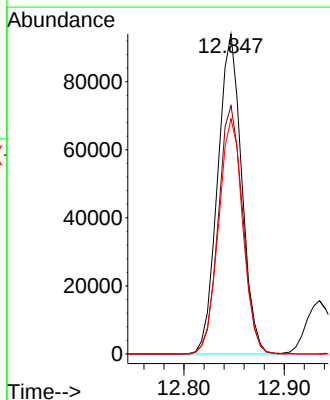
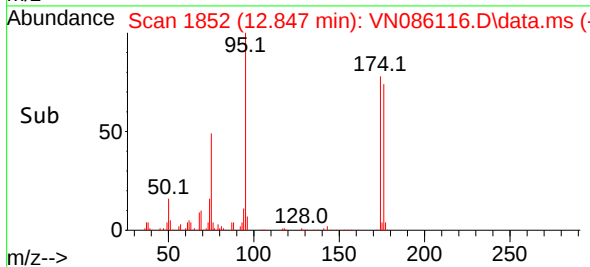
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

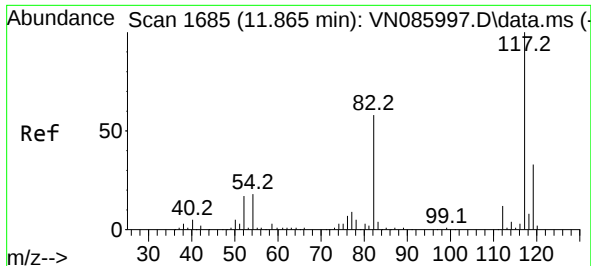


#62
4-Bromofluorobenzene
Concen: 55.628 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28



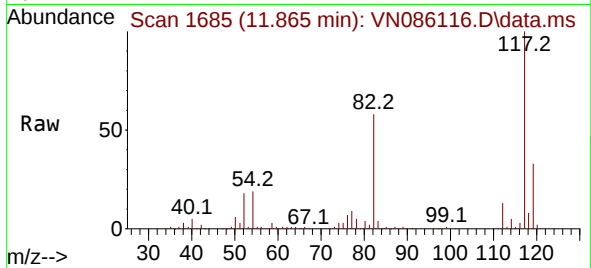
Tgt Ion: 95 Resp: 156203
Ion Ratio Lower Upper
95 100
174 78.5 0.0 156.8
176 74.5 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

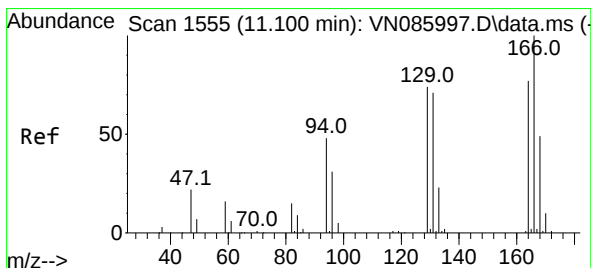
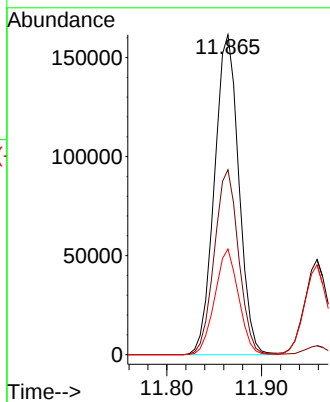
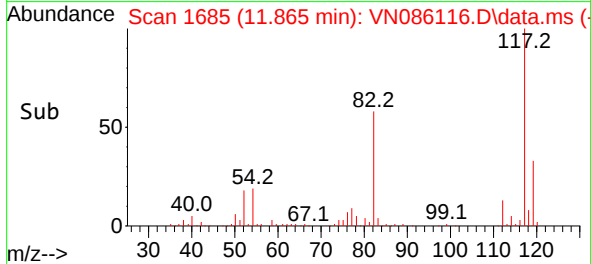
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



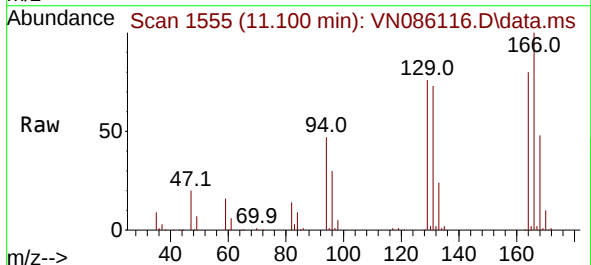
Tgt Ion:117 Resp: 28928
Ion Ratio Lower Upper
117 100
82 57.8 46.7 70.1
119 33.0 26.5 39.7

Manual Integrations
APPROVED

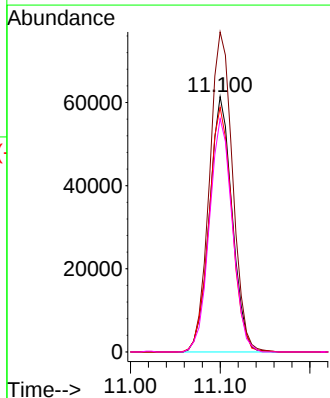
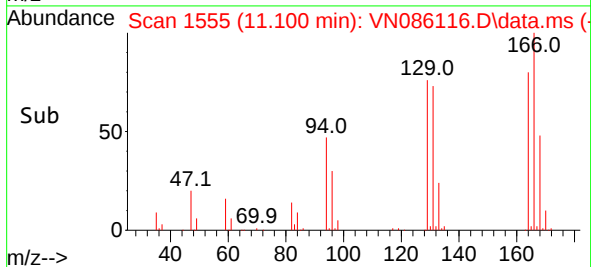
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

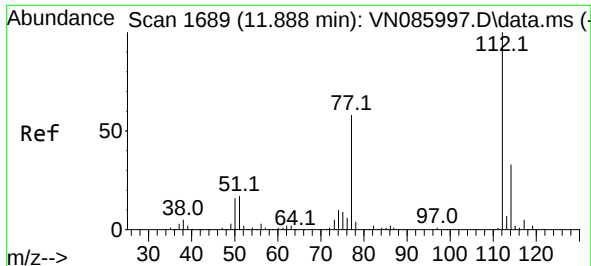


#64
Tetrachloroethene
Concen: 46.877 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28



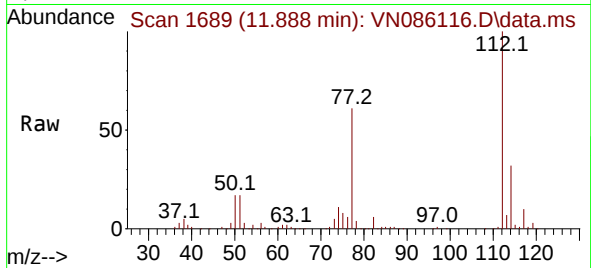
Tgt Ion:164 Resp: 108176
Ion Ratio Lower Upper
164 100
166 125.3 103.7 155.5
129 95.8 77.1 115.7
131 91.4 73.3 109.9





#65
Chlorobenzene
Concen: 48.847 ug/l
RT: 11.888 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

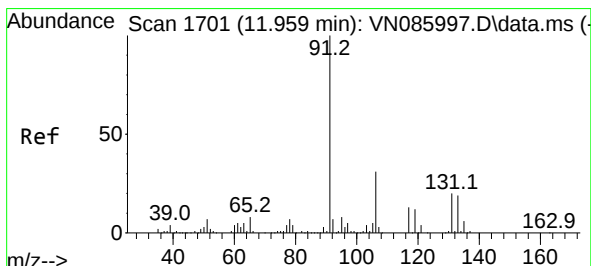
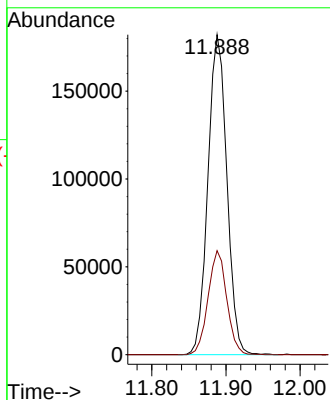
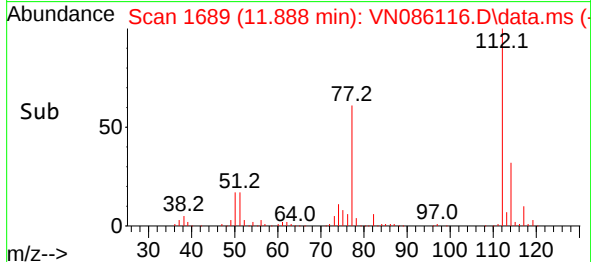
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



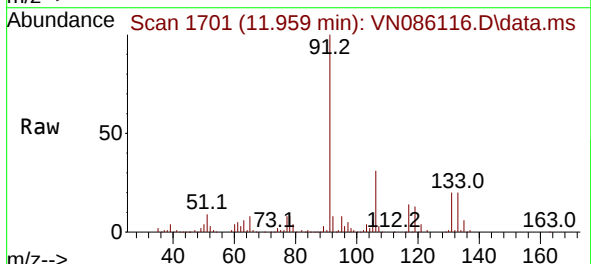
Tgt Ion:112 Resp: 323344
Ion Ratio Lower Upper
112 100
114 32.5 26.3 39.5

Manual Integrations
APPROVED

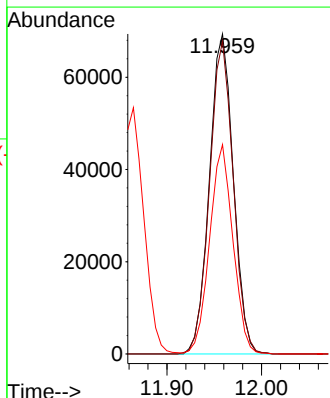
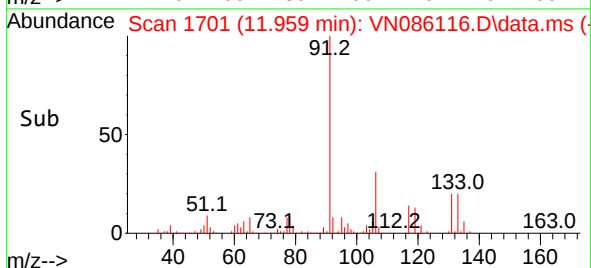
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

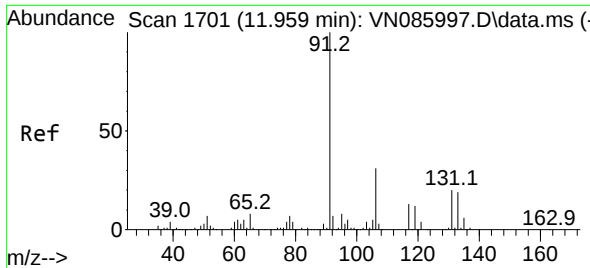


#66
1,1,1,2-Tetrachloroethane
Concen: 49.488 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28



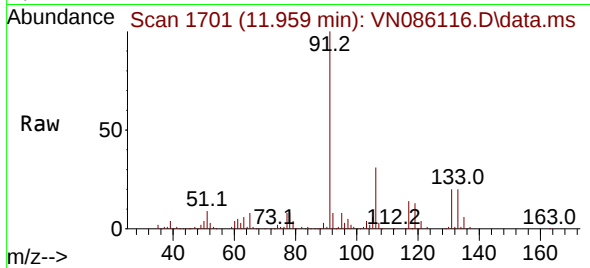
Tgt Ion:131 Resp: 121777
Ion Ratio Lower Upper
131 100
133 96.7 47.0 141.0
119 63.7 31.4 94.0





#67
Ethyl Benzene
Concen: 53.527 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

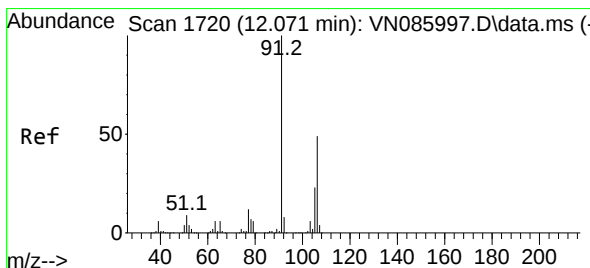
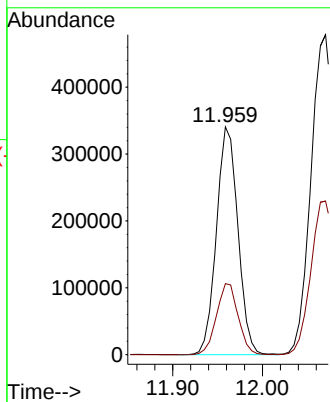
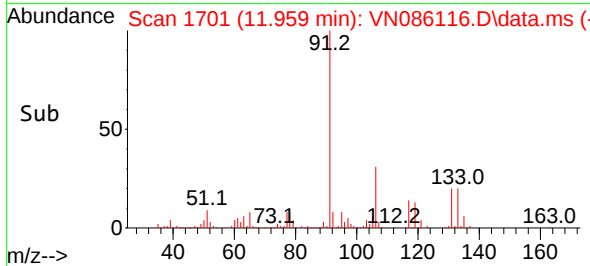
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 566789
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7

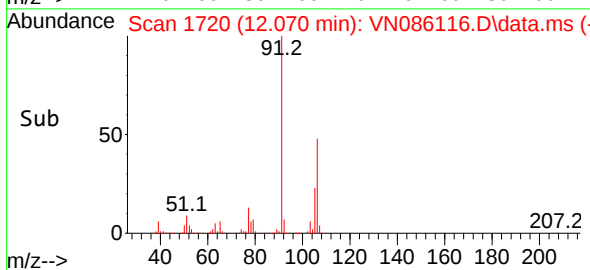
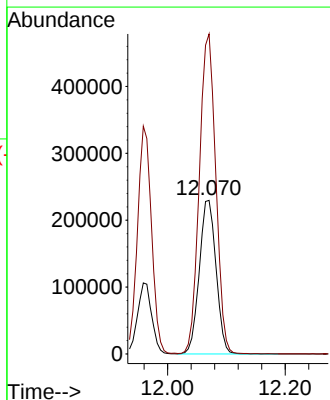
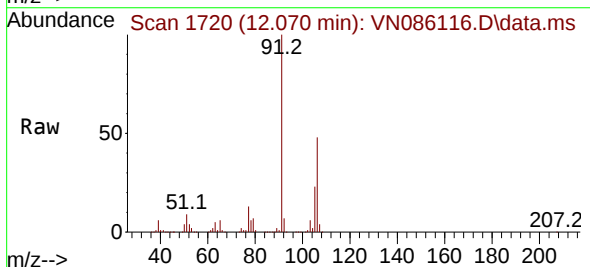
Manual Integrations
APPROVED

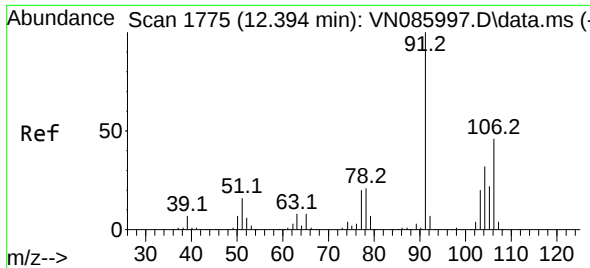
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#68
m/p-Xylenes
Concen: 109.213 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

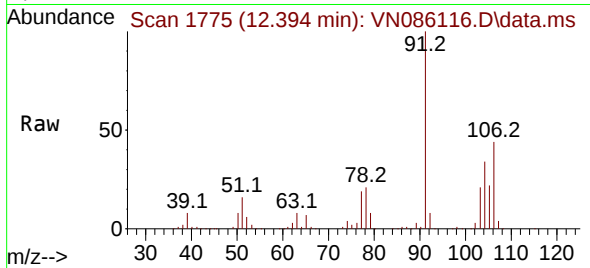
Tgt Ion:106 Resp: 454534
Ion Ratio Lower Upper
106 100
91 204.7 163.9 245.9





#69
o-Xylene
Concen: 55.048 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

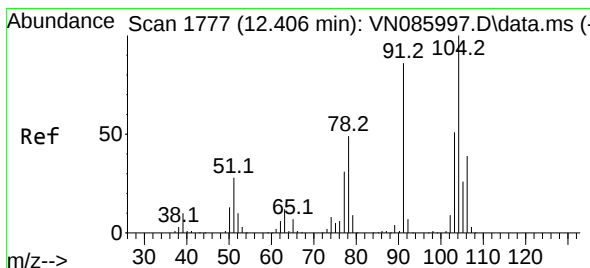
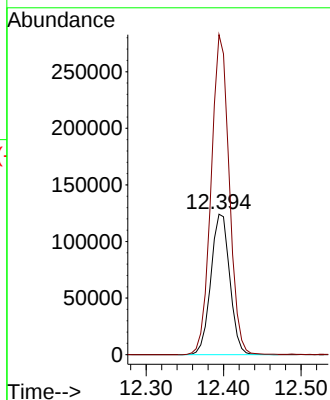
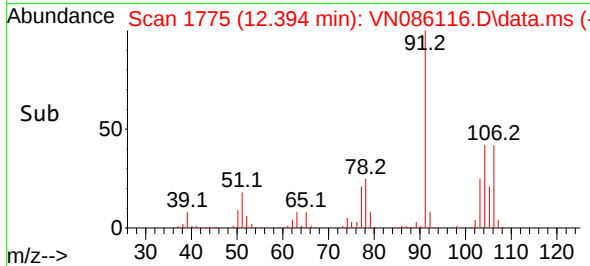
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 210275
Ion Ratio Lower Upper
106 100
91 218.6 109.1 327.2

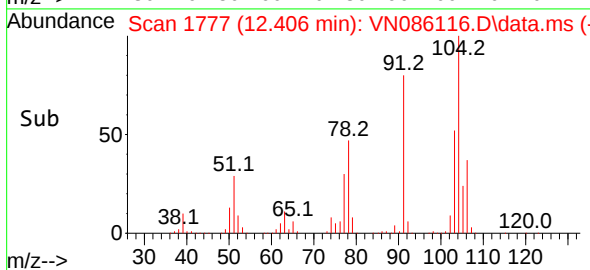
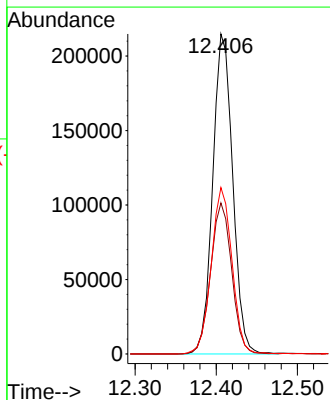
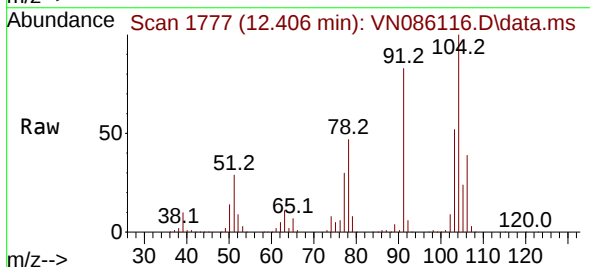
Manual Integrations
APPROVED

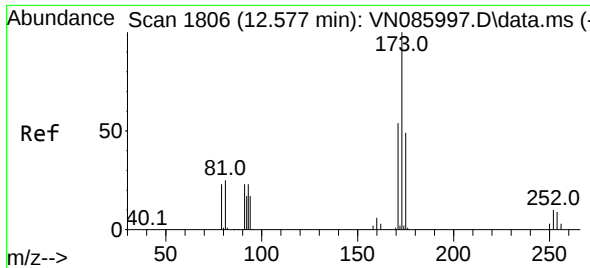
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#70
Styrene
Concen: 56.346 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

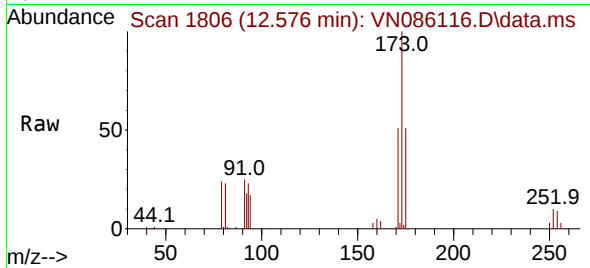
Tgt Ion:104 Resp: 367625
Ion Ratio Lower Upper
104 100
78 49.8 41.4 62.2
103 54.0 42.9 64.3





#71
Bromoform
Concen: 47.453 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

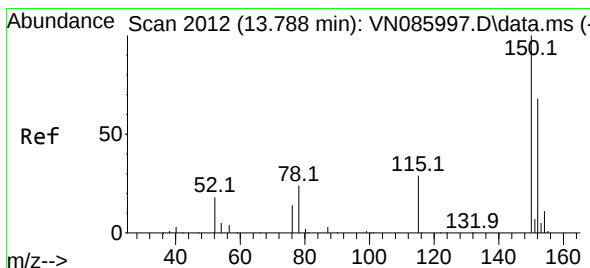
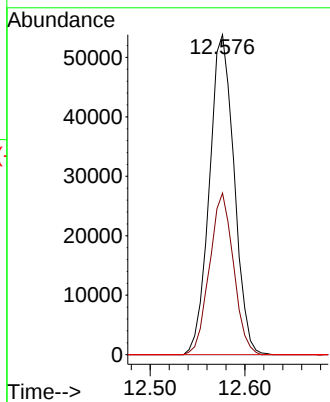
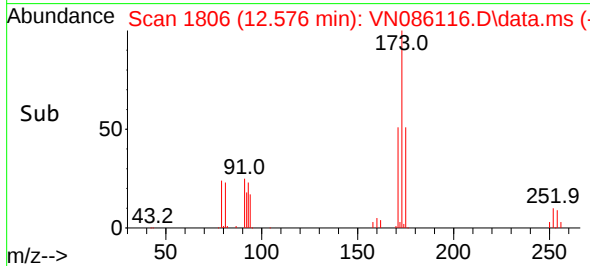
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



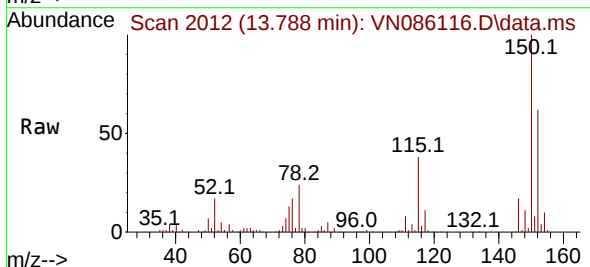
Tgt Ion:173 Resp: 97614
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

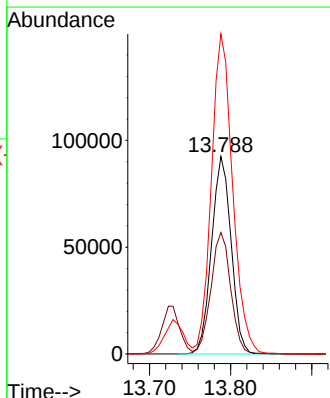
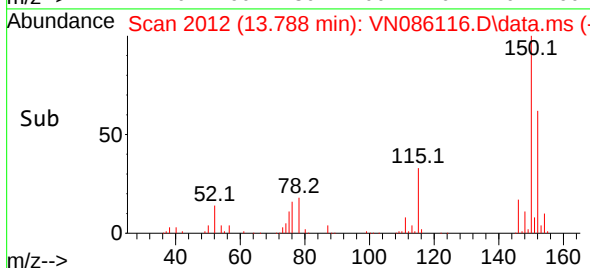
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

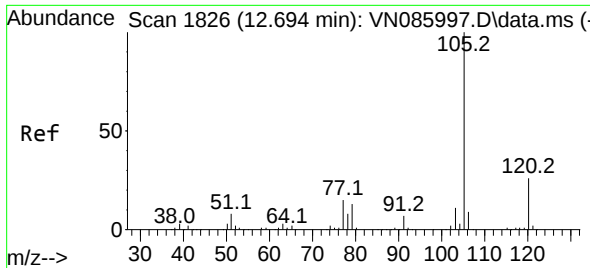


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28



Tgt Ion:152 Resp: 155009
Ion Ratio Lower Upper
152 100
115 62.0 31.1 93.2
150 175.8 0.0 359.6





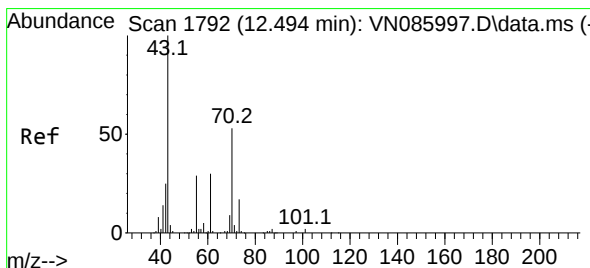
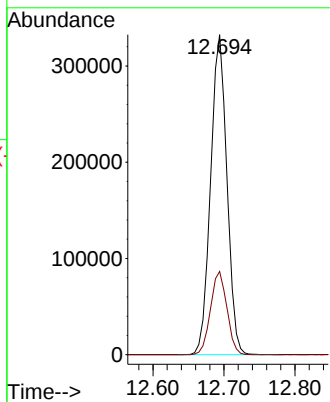
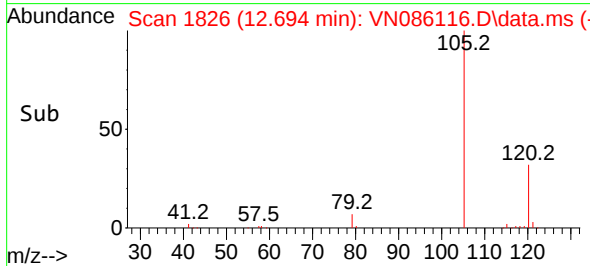
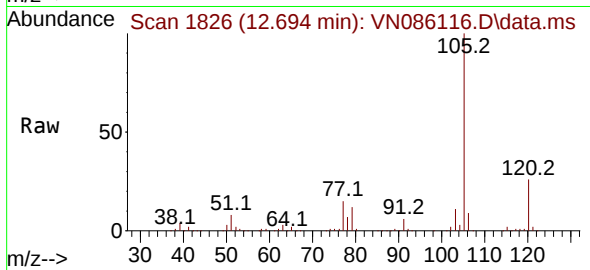
#73
Isopropylbenzene
Concen: 49.969 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 52893
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0

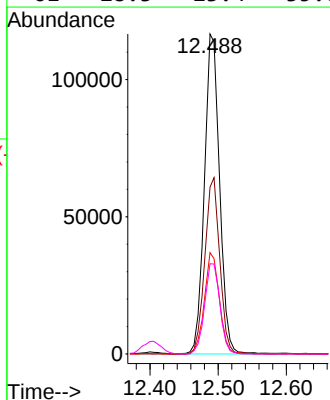
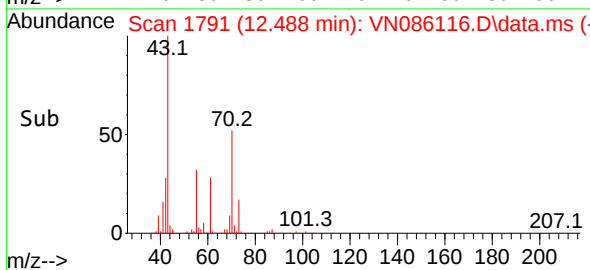
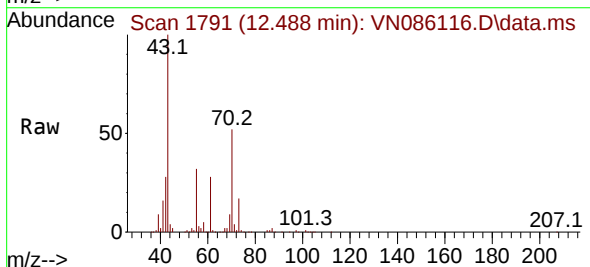
Manual Integrations
APPROVED

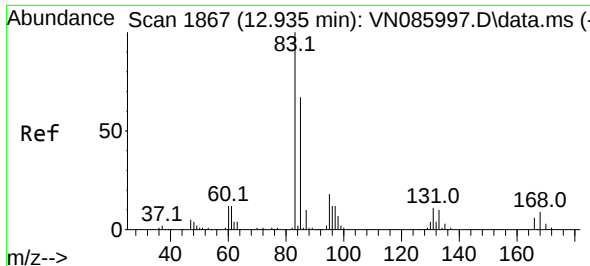
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#74
N-ethyl acetate
Concen: 51.060 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

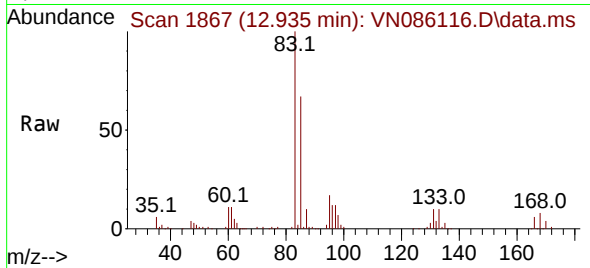
Tgt Ion: 43 Resp: 180830
Ion Ratio Lower Upper
43 100
70 54.3 43.0 64.4
55 31.3 23.8 35.8
61 28.3 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 45.226 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

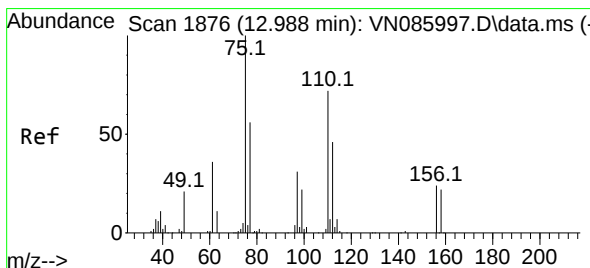
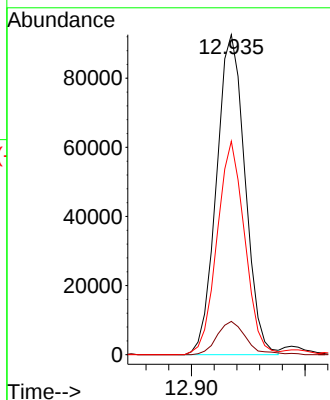
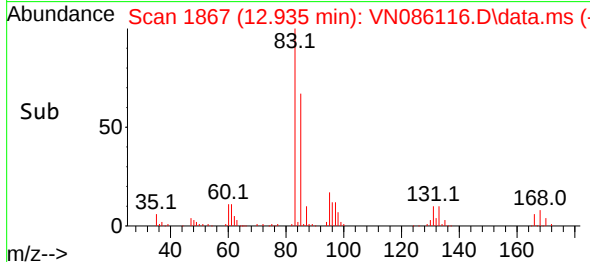
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 16196
Ion Ratio Lower Upper
83 100
131 10.6 5.5 16.5
85 64.4 32.6 97.8

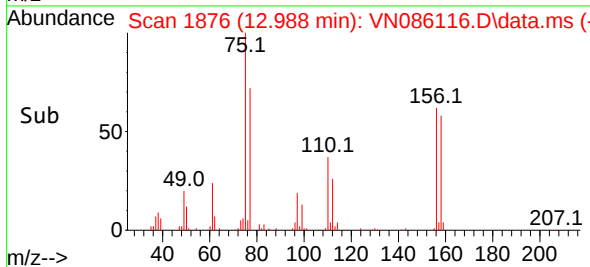
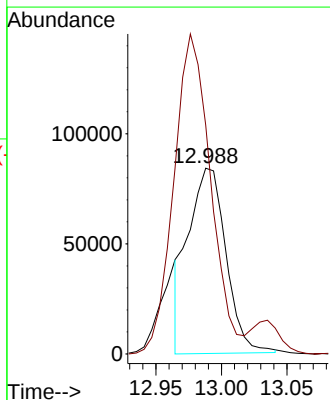
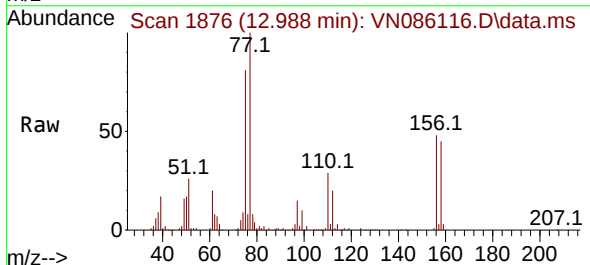
Manual Integrations
APPROVED

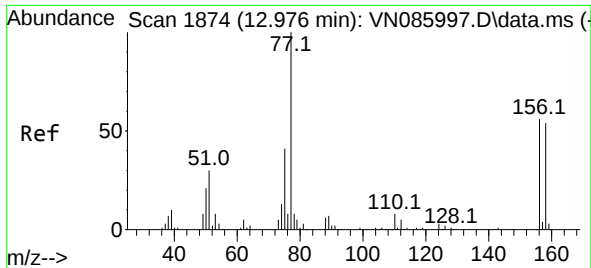
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#76
1,2,3-Trichloropropane
Concen: 48.339 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

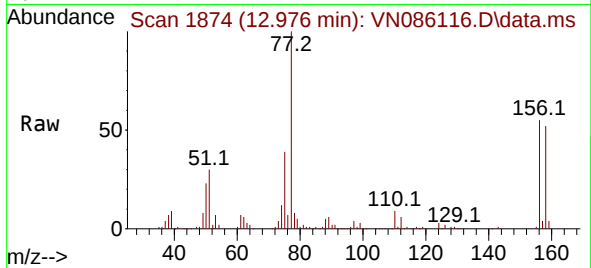
Tgt Ion: 75 Resp: 167752
Ion Ratio Lower Upper
75 100
77 169.8 83.7 251.0





#77
Bromobenzene
Concen: 46.698 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

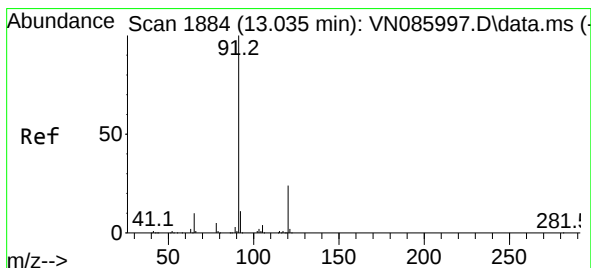
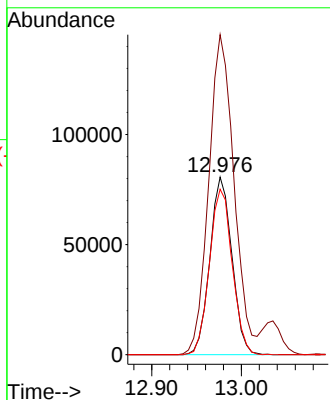
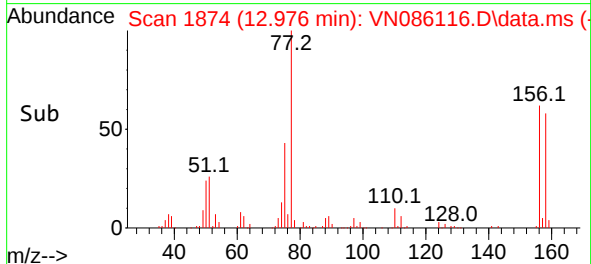
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



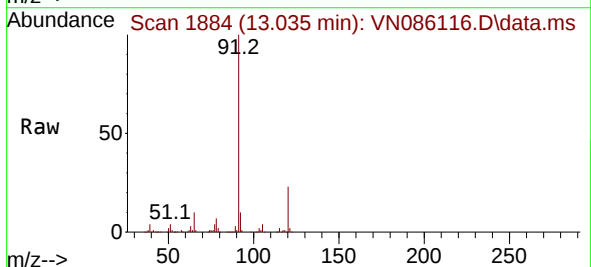
Tgt Ion:156 Resp: 137834
Ion Ratio Lower Upper
156 100
77 206.7 104.1 312.3
158 96.2 49.0 147.0

Manual Integrations
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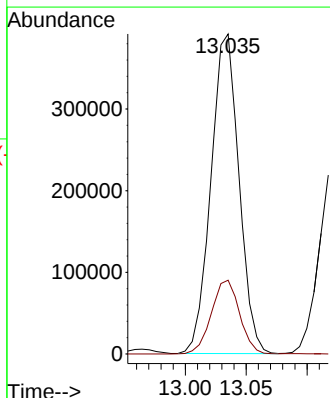
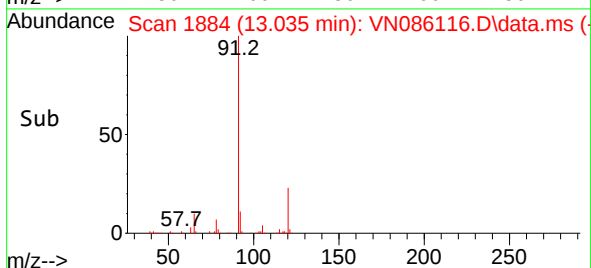
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

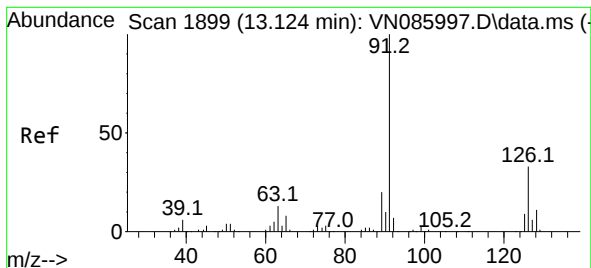


#78
n-propylbenzene
Concen: 52.295 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28



Tgt Ion: 91 Resp: 626834
Ion Ratio Lower Upper
91 100
120 23.2 11.7 35.0





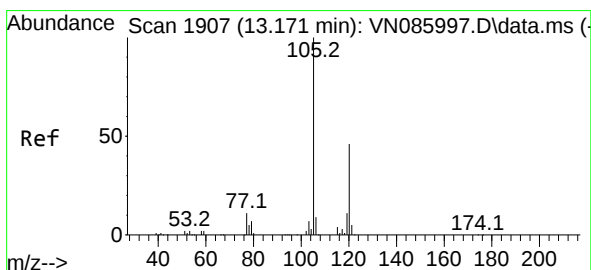
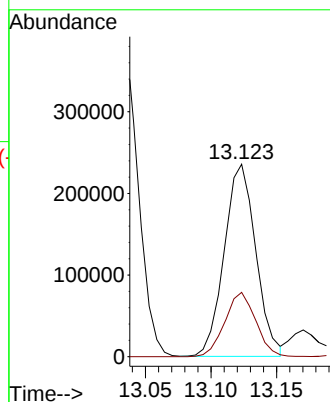
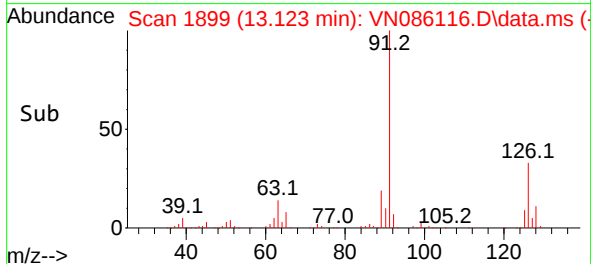
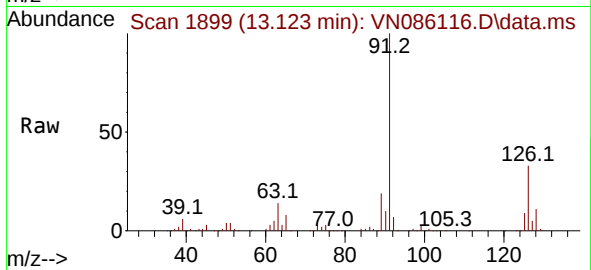
#79
2-Chlorotoluene
Concen: 49.472 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 39387
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2

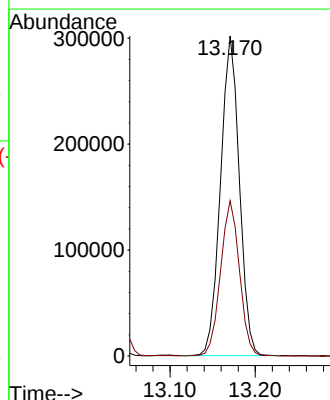
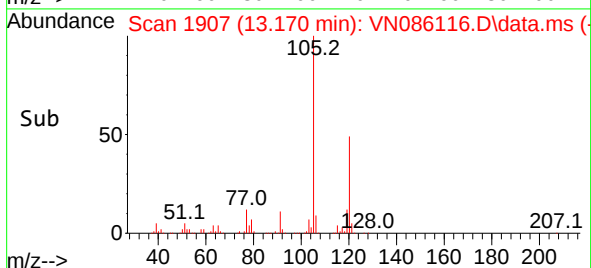
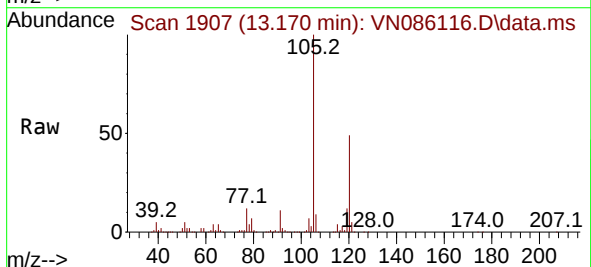
Manual Integrations
APPROVED

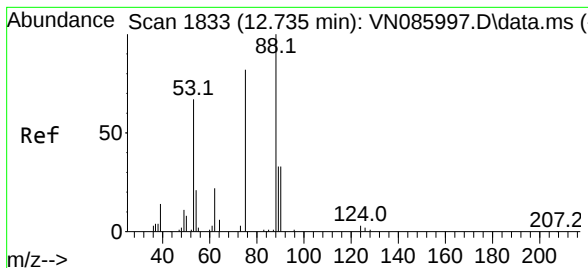
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.826 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

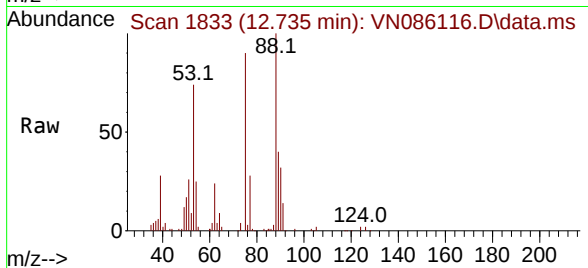
Tgt Ion:105 Resp: 463176
Ion Ratio Lower Upper
105 100
120 48.7 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 47.675 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

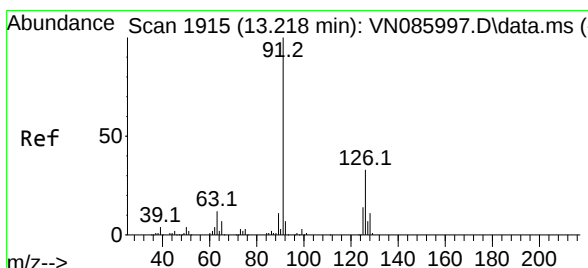
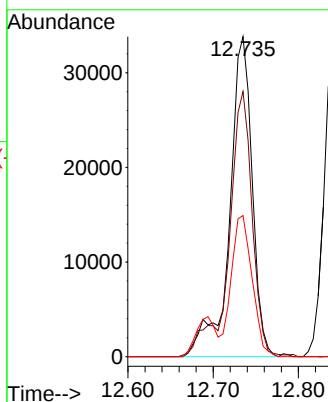
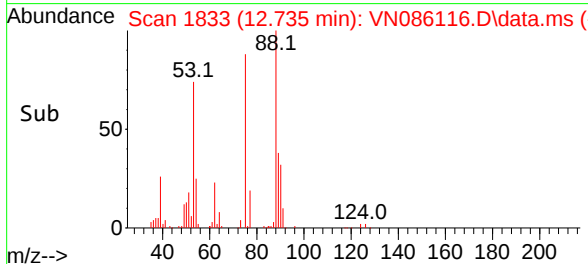
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 62579
Ion Ratio Lower Upper
75 100
53 85.0 66.0 99.0
89 41.0 36.9 55.3

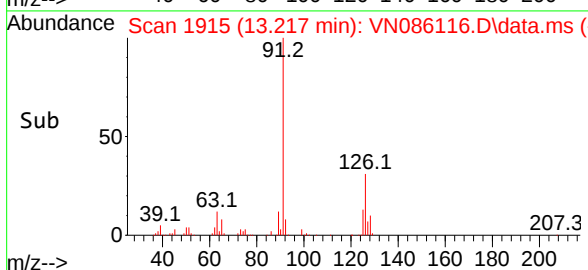
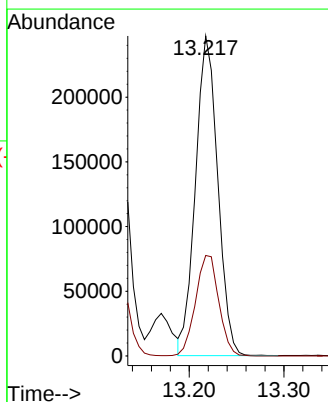
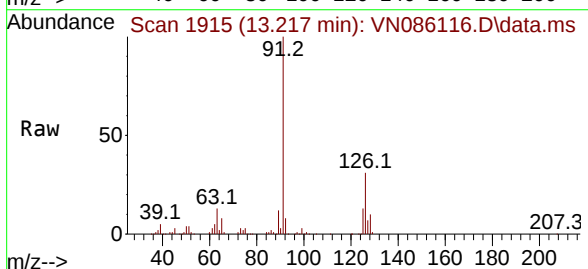
Manual Integrations
APPROVED

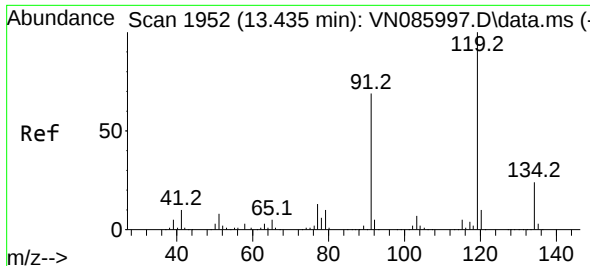
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#82
4-Chlorotoluene
Concen: 49.202 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

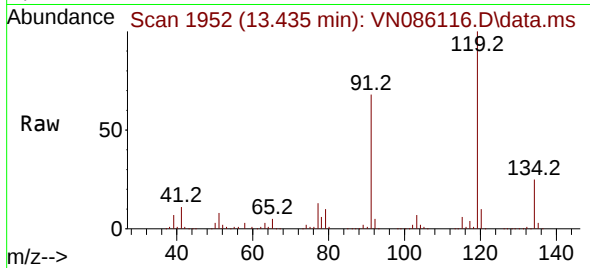
Tgt Ion: 91 Resp: 402826
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.2





#83
tert-Butylbenzene
Concen: 48.684 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

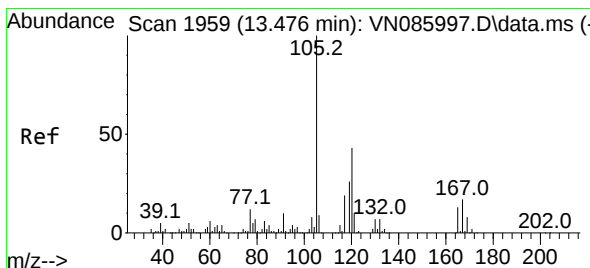
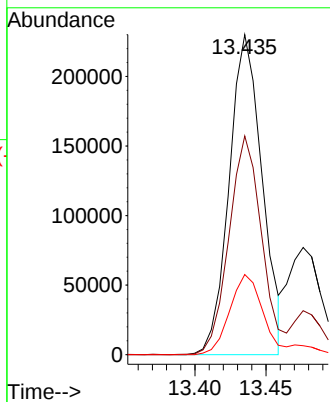
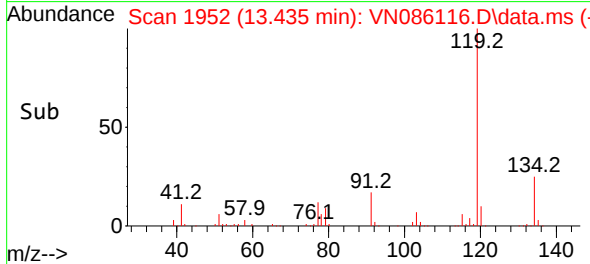
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



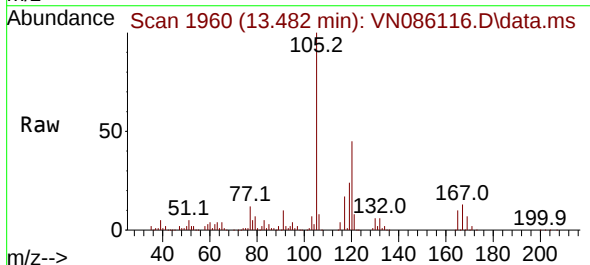
Tgt Ion:119 Resp: 372119
Ion Ratio Lower Upper
119 100
91 68.2 34.3 102.9
134 24.9 13.5 40.5

Manual Integrations
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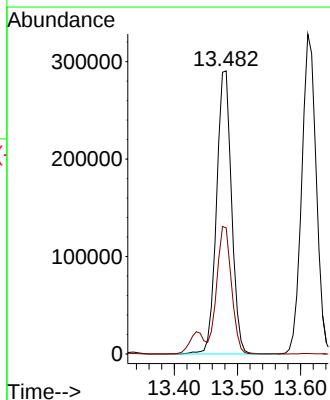
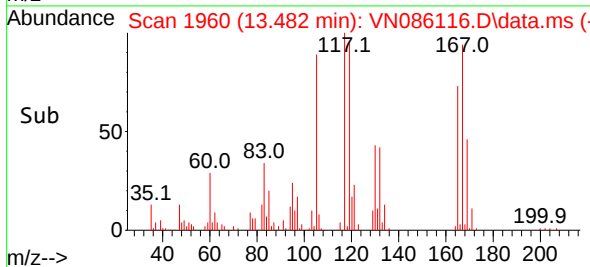
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

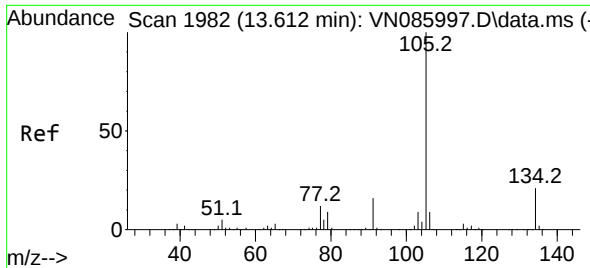


#84
1,2,4-Trimethylbenzene
Concen: 53.057 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28



Tgt Ion:105 Resp: 478260
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.8





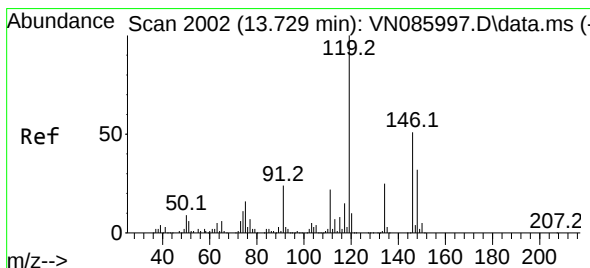
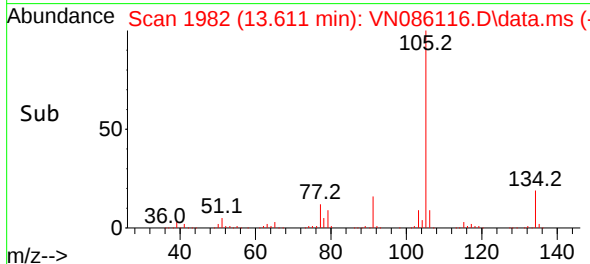
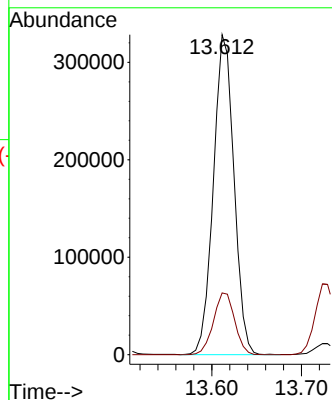
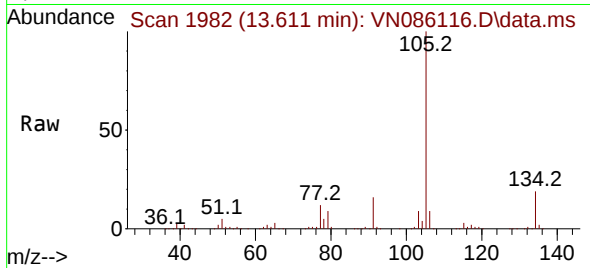
#85
 sec-Butylbenzene
 Concen: 52.494 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086116.D
 Acq: 25 Mar 2025 21:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 52343
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1

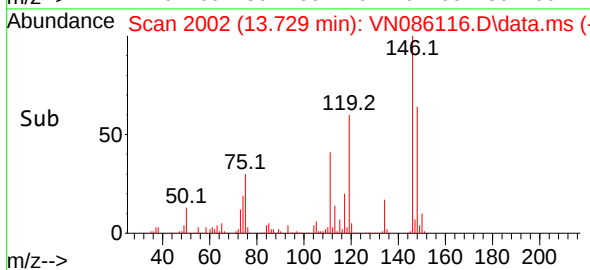
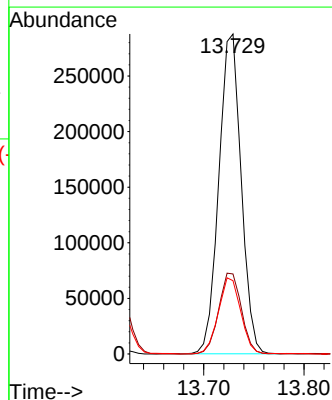
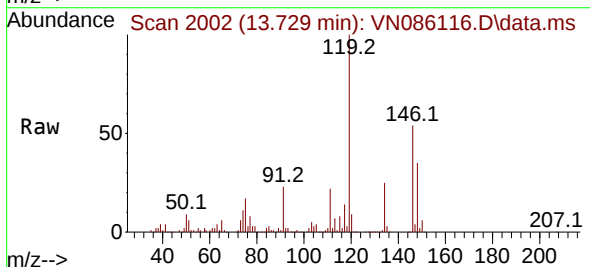
Manual Integrations
 APPROVED

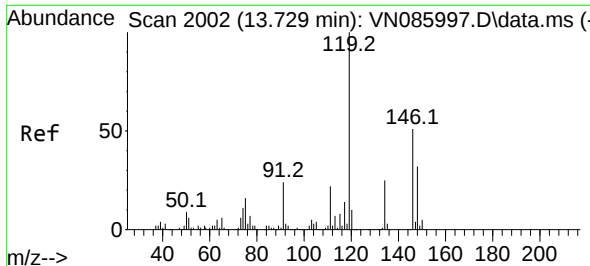
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#86
 p-Isopropyltoluene
 Concen: 52.603 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086116.D
 Acq: 25 Mar 2025 21:28

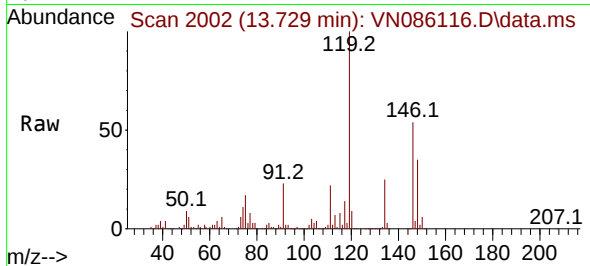
Tgt Ion:119 Resp: 444011
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.1 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 47.935 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

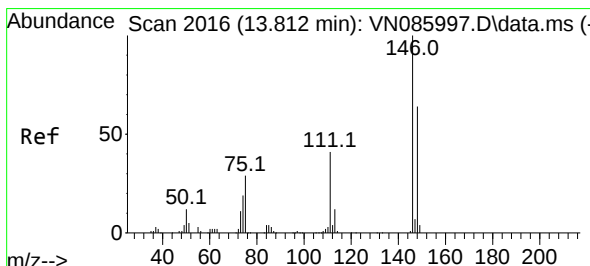
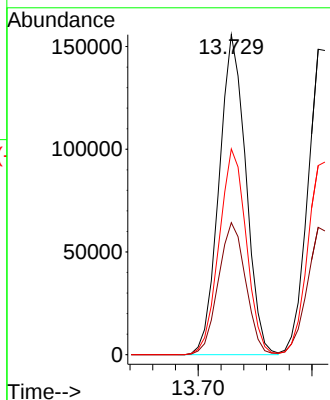
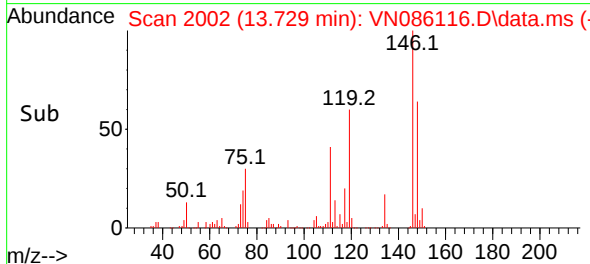
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



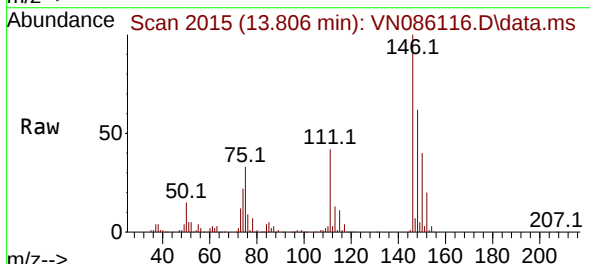
Tgt Ion:146 Resp: 25503
Ion Ratio Lower Upper
146 100
111 42.2 21.2 63.6
148 65.2 31.8 95.4

Manual Integrations
APPROVED

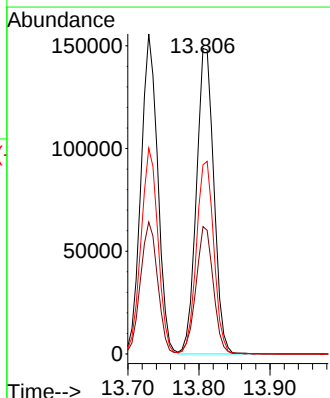
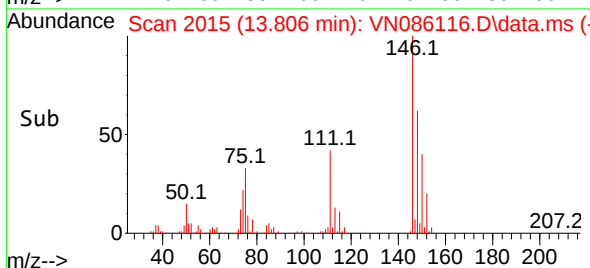
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

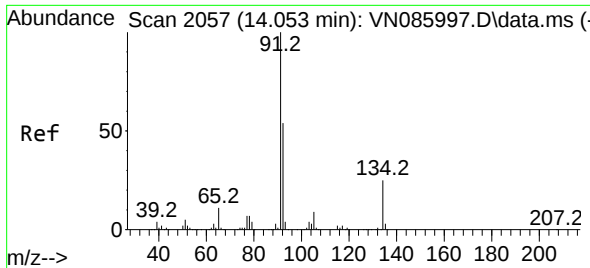


#88
1,4-Dichlorobenzene
Concen: 45.560 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28



Tgt Ion:146 Resp: 254671
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 63.3 32.1 96.5





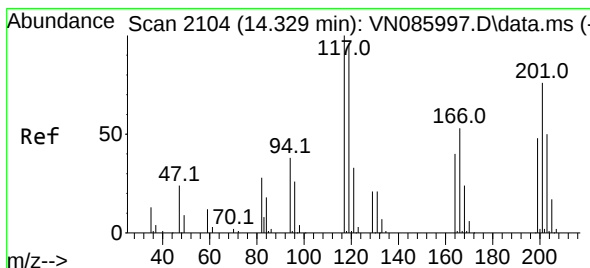
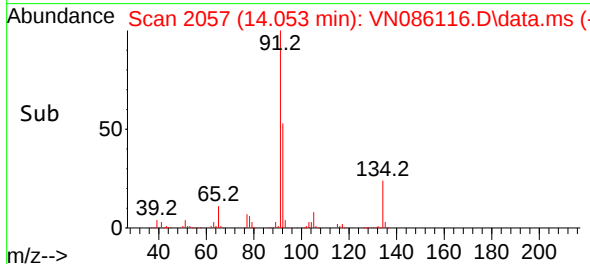
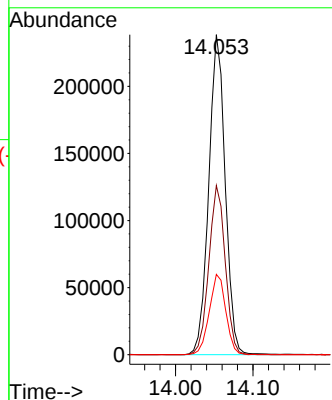
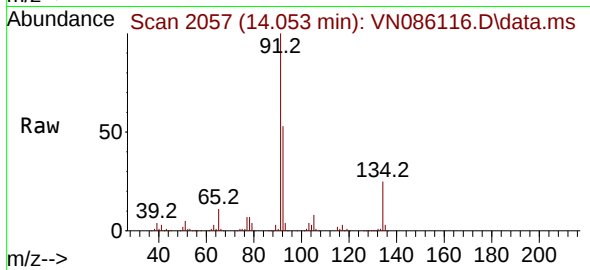
#89
n-Butylbenzene
Concen: 51.193 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 351879
Ion Ratio Lower Upper
91 100
92 52.8 26.9 80.6
134 25.2 13.0 39.0

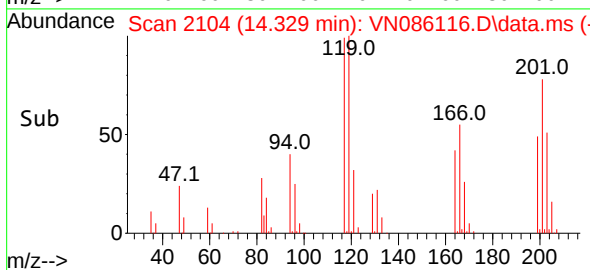
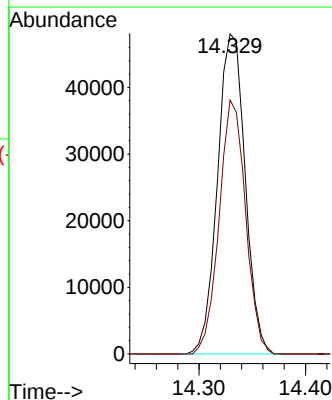
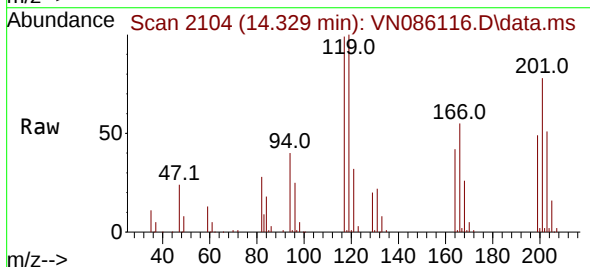
Manual Integrations
APPROVED

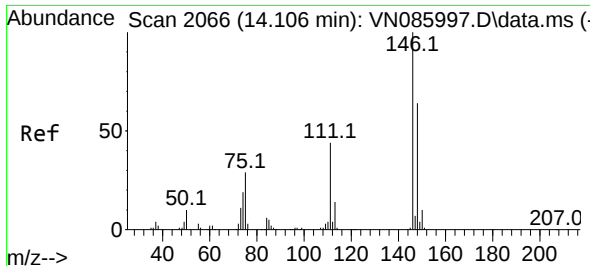
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#90
Hexachloroethane
Concen: 44.412 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

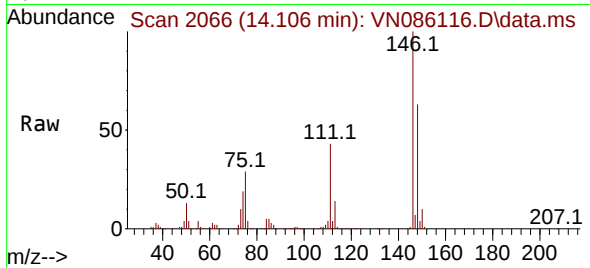
Tgt Ion:117 Resp: 86499
Ion Ratio Lower Upper
117 100
201 75.8 39.1 117.3





#91
1,2-Dichlorobenzene
Concen: 47.223 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

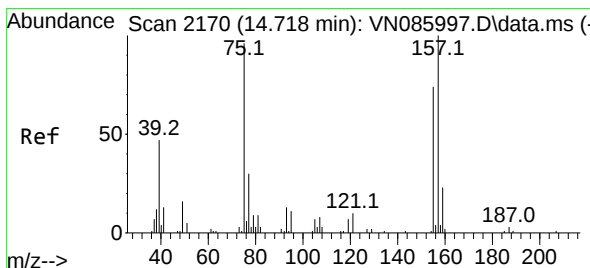
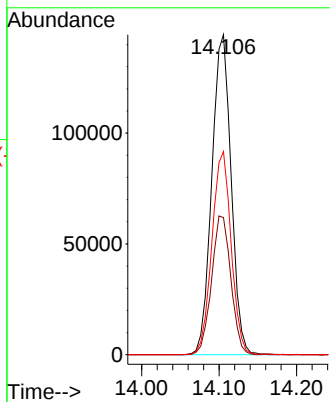
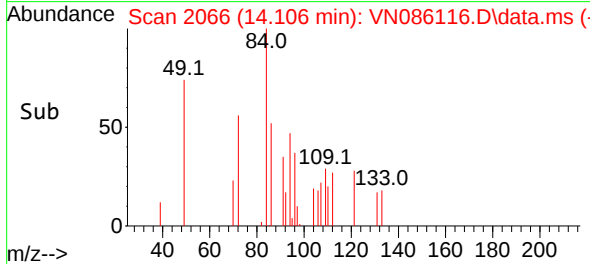
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 24975
Ion Ratio Lower Upper
146 100
111 43.4 22.3 66.8
148 63.3 32.1 96.5

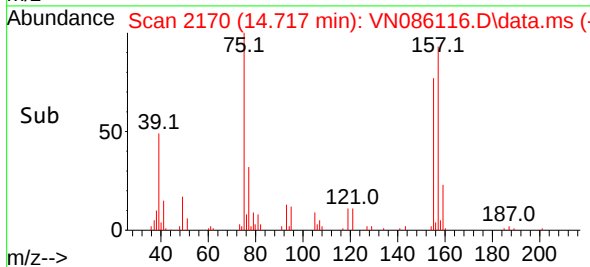
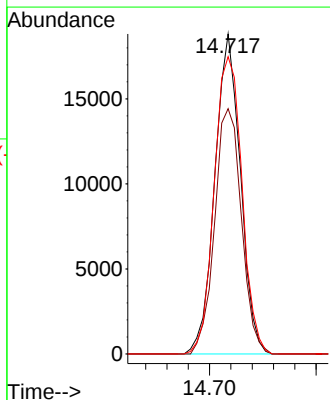
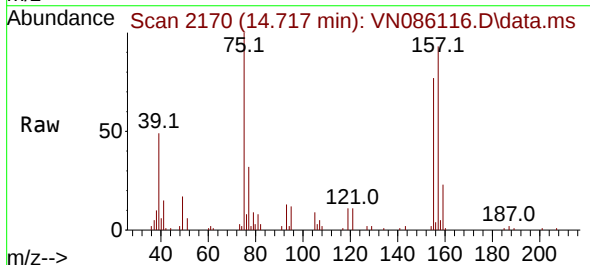
Manual Integrations
APPROVED

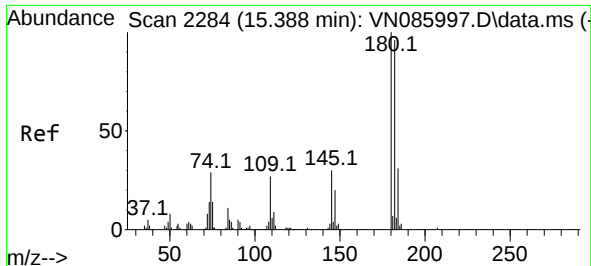
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.789 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

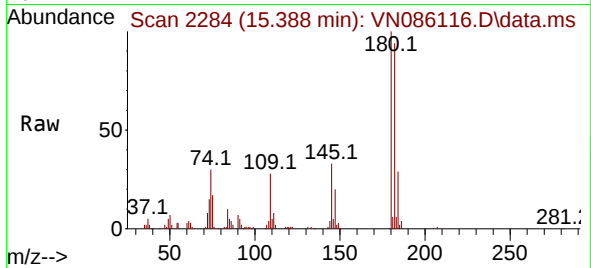
Tgt Ion: 75 Resp: 31303
Ion Ratio Lower Upper
75 100
155 80.5 41.0 123.0
157 100.9 53.7 161.1





#93
1,2,4-Trichlorobenzene
Concen: 43.565 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

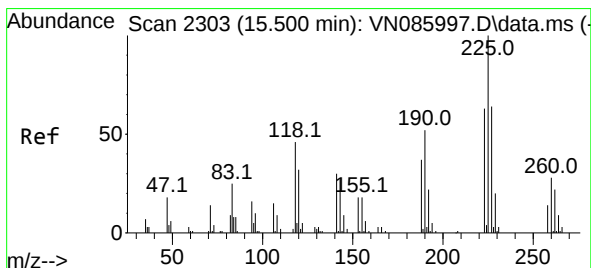
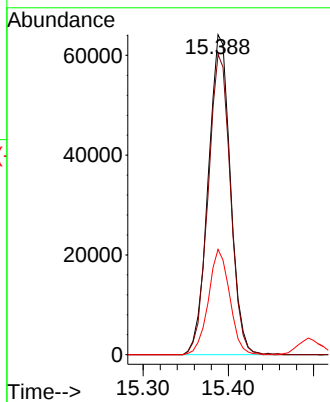
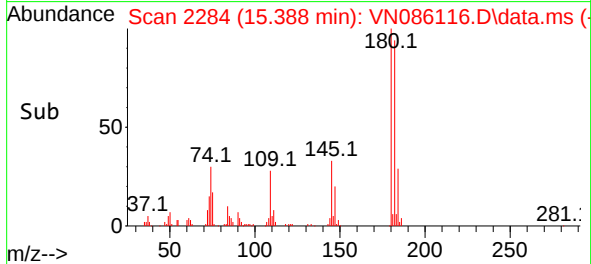
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



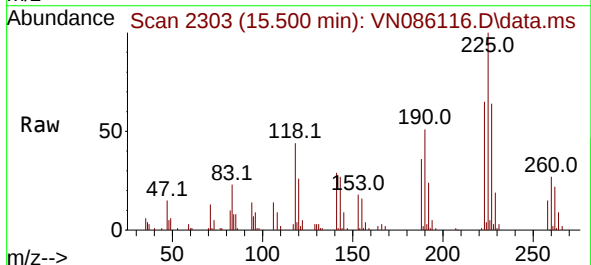
Tgt Ion:180 Resp: 11585
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.0
145 31.6 15.5 46.5

Manual Integrations
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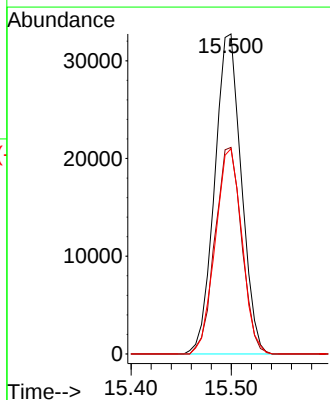
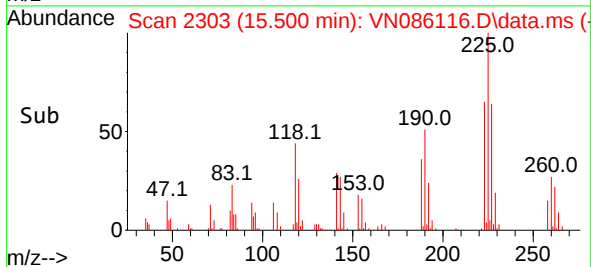
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

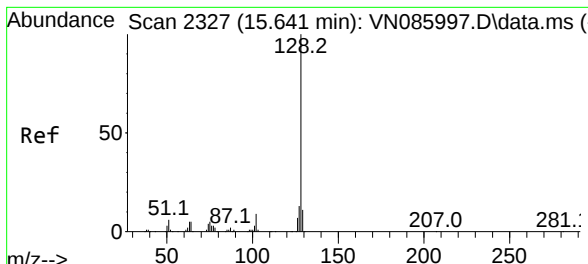


#94
Hexachlorobutadiene
Concen: 39.192 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28



Tgt Ion:225 Resp: 60468
Ion Ratio Lower Upper
225 100
223 64.6 31.3 93.9
227 63.9 32.1 96.3





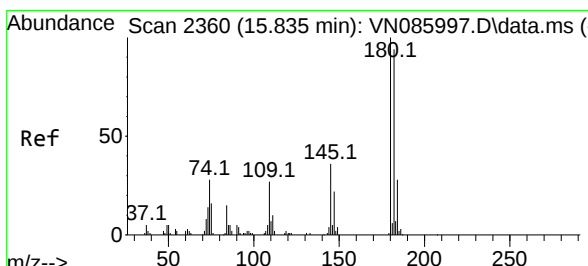
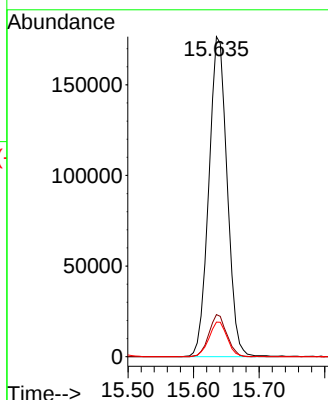
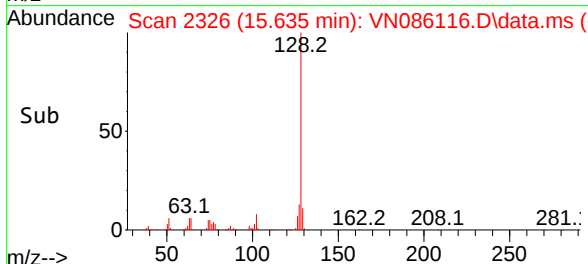
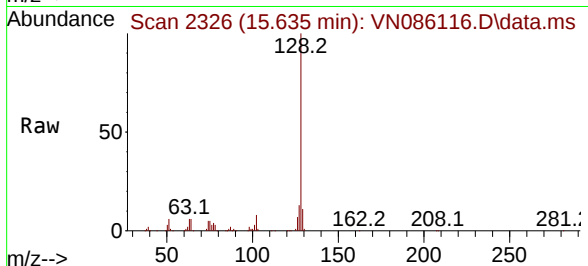
#95
Naphthalene
Concen: 44.501 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	34268
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.7	9.0	13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 45.890 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086116.D
Acq: 25 Mar 2025 21:28

Tgt Ion:	180	Resp:	115798
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.5	142.5
145	33.4	17.7	53.1

