

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
 Data File : VN086616.D
 Acq On : 14 May 2025 10:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 15 02:58:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/15/2025
 Supervised By : Mahesh Dadoda 05/15/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	163952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123828	52.084	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.160%			
35) Dibromofluoromethane	8.165	113	94203	66.279	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 132.560%#			
50) Toluene-d8	10.565	98	374669	49.324	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.640%			
62) 4-Bromofluorobenzene	12.847	95	145991	52.693	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	108076	55.608	ug/l	98
3) Chloromethane	2.359	50	151258	53.550	ug/l	98
4) Vinyl Chloride	2.512	62	135887	50.413	ug/l	96
5) Bromomethane	2.942	94	80679	66.542	ug/l	100
6) Chloroethane	3.112	64	91722	50.844	ug/l	99
7) Trichlorofluoromethane	3.500	101	158103	52.953	ug/l	98
8) Diethyl Ether	3.959	74	73404	56.315	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	97324	53.883	ug/l	99
10) Methyl Iodide	4.589	142	120241	60.551	ug/l	97
11) Tert butyl alcohol	5.506	59	103191	237.884	ug/l	99
12) 1,1-Dichloroethene	4.336	96	97432	50.491	ug/l	97
13) Acrolein	4.171	56	66141	331.931	ug/l	97
14) Allyl chloride	5.024	41	158716	46.268	ug/l	97
15) Acrylonitrile	5.712	53	298611	278.467	ug/l	99
16) Acetone	4.424	43	234839	286.531	ug/l	99
17) Carbon Disulfide	4.712	76	275539	47.688	ug/l	99
18) Methyl Acetate	5.018	43	133803	46.885	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	392165	55.286	ug/l	98
20) Methylene Chloride	5.271	84	126357	57.490	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	109656	54.354	ug/l	90
22) Diisopropyl ether	6.665	45	396436	53.125	ug/l	98
23) Vinyl Acetate	6.600	43	1479764	283.665	ug/l	97
24) 1,1-Dichloroethane	6.565	63	217255	55.178	ug/l	99
25) 2-Butanone	7.477	43	378954	256.077	ug/l	98
26) 2,2-Dichloropropane	7.483	77	183605	52.081	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	142521	56.917	ug/l	96
28) Bromochloromethane	7.812	49	115743	69.329	ug/l	91
29) Tetrahydrofuran	7.835	42	253227	255.894	ug/l	97
30) Chloroform	7.965	83	220391	56.981	ug/l	99
31) Cyclohexane	8.253	56	174005	45.162	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	176053	53.208	ug/l	99
36) 1,1-Dichloropropene	8.365	75	149783	52.762	ug/l	99
37) Ethyl Acetate	7.559	43	151738	50.770	ug/l	99
38) Carbon Tetrachloride	8.359	117	146136	54.055	ug/l	99
39) Methylcyclohexane	9.600	83	160938	47.696	ug/l	98
40) Benzene	8.606	78	502443	55.241	ug/l	99

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Manual Integrations
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 Supervised By : Mahesh Dadoda 05/15/2025

Quant Time: May 15 02:58:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	89070	51.421	ug/l	97
42) 1,2-Dichloroethane	8.665	62	169107	58.303	ug/l	99
43) Isopropyl Acetate	8.682	43	282961	53.135	ug/l	97
44) Trichloroethene	9.347	130	120135	55.727	ug/l	94
45) 1,2-Dichloropropane	9.618	63	123761	55.588	ug/l	98
46) Dibromomethane	9.706	93	85744	60.445	ug/l	96
47) Bromodichloromethane	9.882	83	180857	59.030	ug/l	96
48) Methyl methacrylate	9.677	41	128230	48.857	ug/l	95
49) 1,4-Dioxane	9.688	88	47960	1074.286	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	809005	264.343	ug/l	98
52) Toluene	10.629	92	319103	56.227	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	199007	58.188	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	210236	55.967	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	120762	59.142	ug/l	97
56) Ethyl methacrylate	10.871	69	206586	55.040	ug/l	97
57) 1,3-Dichloropropane	11.159	76	215520	59.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	653305	366.723	ug/l	98
59) 2-Hexanone	11.194	43	589770	259.808	ug/l	97
60) Dibromochloromethane	11.353	129	137195	61.187	ug/l	99
61) 1,2-Dibromoethane	11.465	107	124248	60.304	ug/l	99
64) Tetrachloroethene	11.100	164	116556	52.832	ug/l	97
65) Chlorobenzene	11.888	112	356054	55.628	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	118560	56.148	ug/l	99
67) Ethyl Benzene	11.959	91	609832	52.799	ug/l	100
68) m/p-Xylenes	12.070	106	468051	108.150	ug/l	98
69) o-Xylene	12.394	106	235903	55.118	ug/l	96
70) Styrene	12.406	104	403757	56.618	ug/l	98
71) Bromoform	12.576	173	91334	57.451	ug/l #	98
73) Isopropylbenzene	12.694	105	555576	48.549	ug/l	100
74) N-amyl acetate	12.488	43	256535	45.030	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	175197	53.245	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	142296m	43.103	ug/l	
77) Bromobenzene	12.976	156	141310	55.730	ug/l	93
78) n-propylbenzene	13.029	91	659597	48.914	ug/l	99
79) 2-Chlorotoluene	13.123	91	423893	50.236	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	465350	49.683	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	75436	54.878	ug/l	91
82) 4-Chlorotoluene	13.217	91	429666	51.260	ug/l	99
83) tert-Butylbenzene	13.435	119	389233	47.960	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	480773	50.427	ug/l	99
85) sec-Butylbenzene	13.612	105	544166	48.340	ug/l	99
86) p-Isopropyltoluene	13.723	119	465467	50.165	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	260831	54.721	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	260199	54.197	ug/l	99
89) n-Butylbenzene	14.053	91	406077	49.375	ug/l	99
90) Hexachloroethane	14.329	117	78538	50.322	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	250454	54.195	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31832	47.979	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	120229	54.331	ug/l	99
94) Hexachlorobutadiene	15.500	225	44089	52.780	ug/l	98
95) Naphthalene	15.635	128	399963	50.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	112359	53.631	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VSTDCCC050

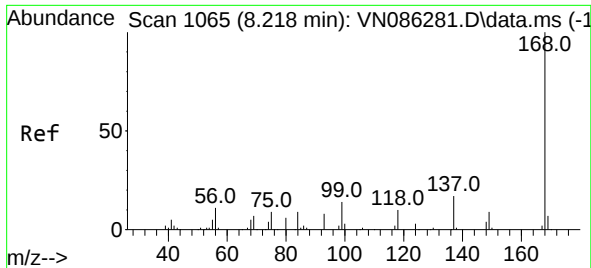
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

Quant Time: May 15 02:58:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

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



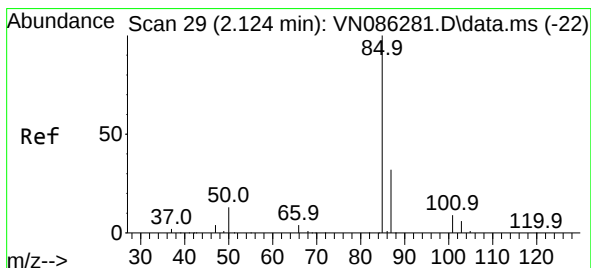
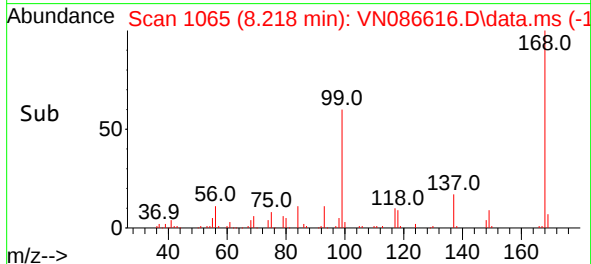
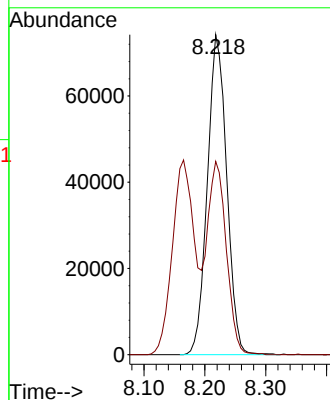
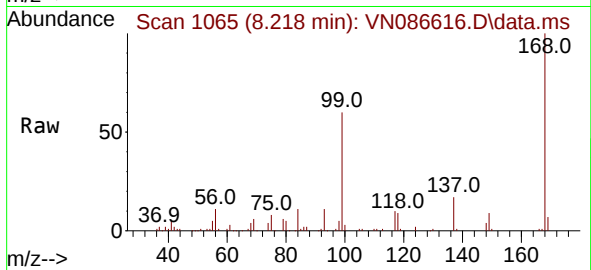
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086616.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 163952
Ion Ratio Lower Upper
168 100
99 60.4 52.5 78.7

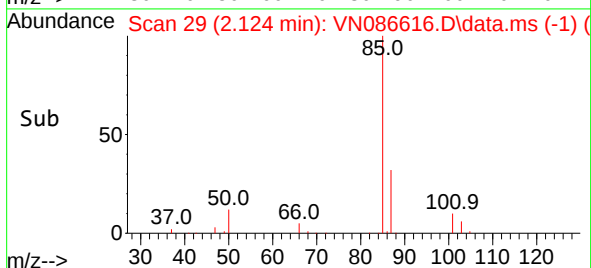
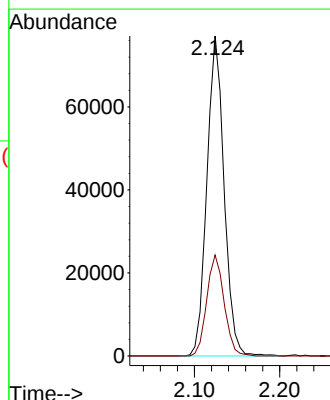
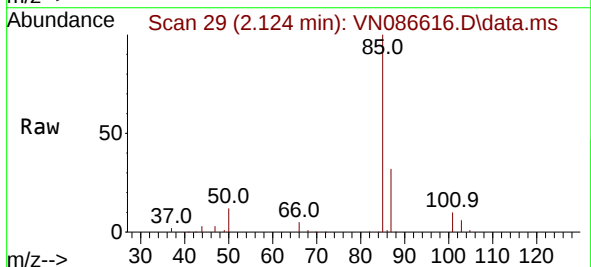
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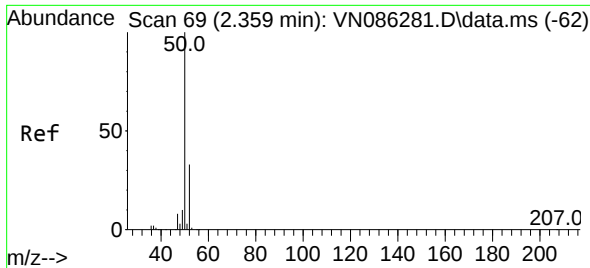
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#2
Dichlorodifluoromethane
Concen: 55.608 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

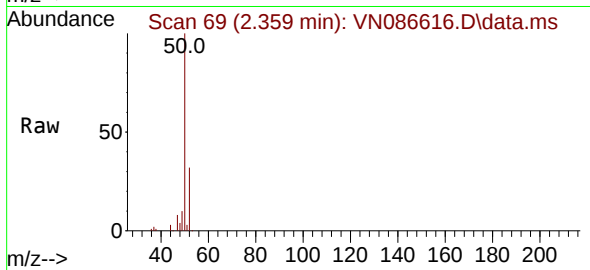
Tgt Ion: 85 Resp: 108076
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.8





#3
Chloromethane
Concen: 53.550 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

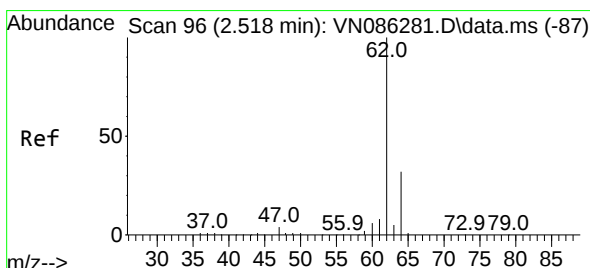
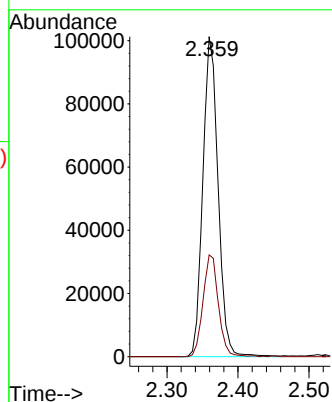
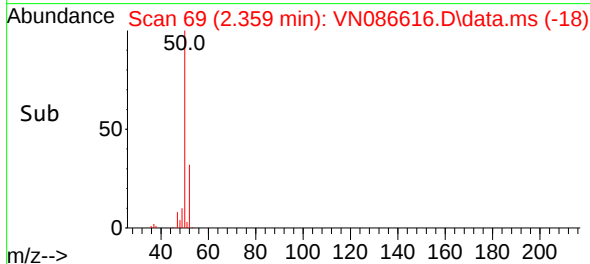
Instrument :
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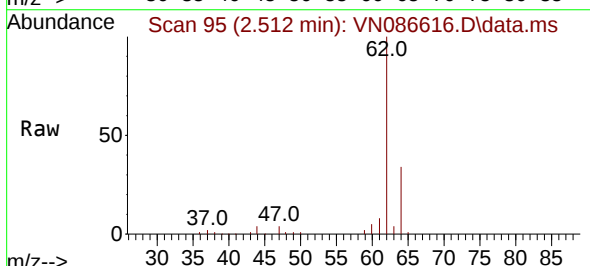
Tgt Ion: 50 Resp: 151258
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7

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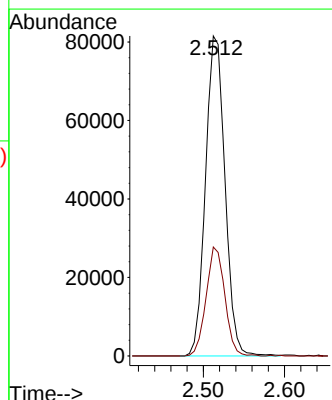
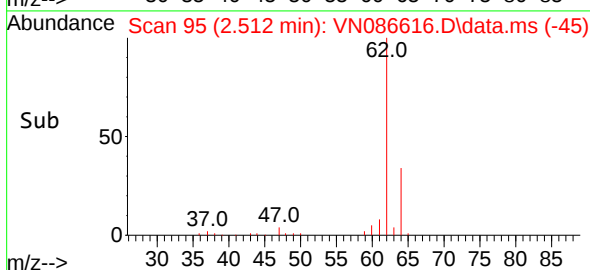
Reviewed By :John Carlone 05/15/2025
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#4
Vinyl Chloride
Concen: 50.413 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086616.D
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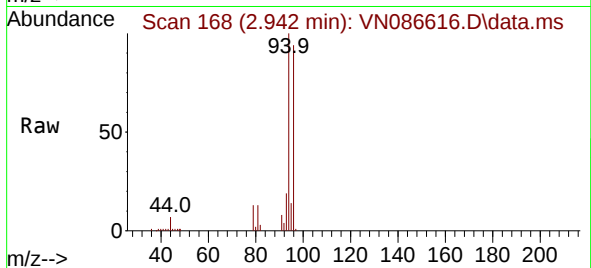
Tgt Ion: 62 Resp: 135887
Ion Ratio Lower Upper
62 100
64 34.0 25.6 38.4





#5
Bromomethane
Concen: 66.542 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

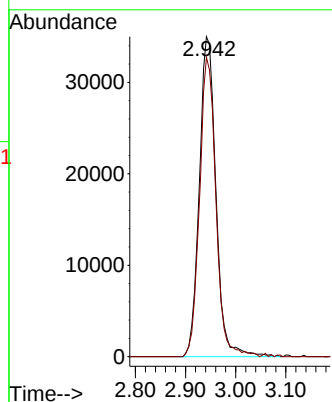
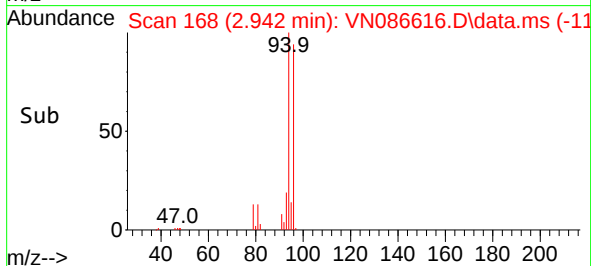
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 80679
Ion Ratio Lower Upper
94 100
96 93.5 75.2 112.8

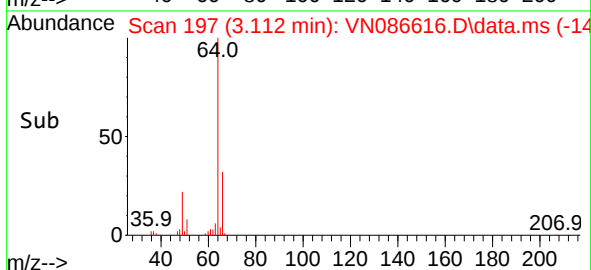
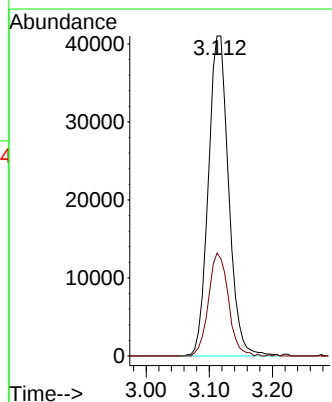
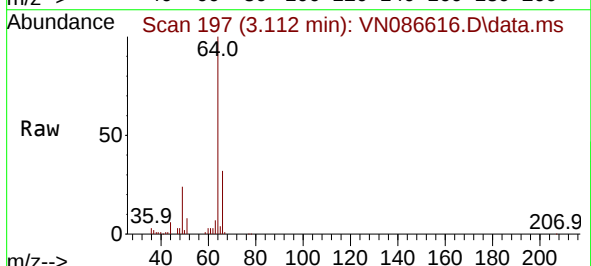
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#6
Chloroethane
Concen: 50.844 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

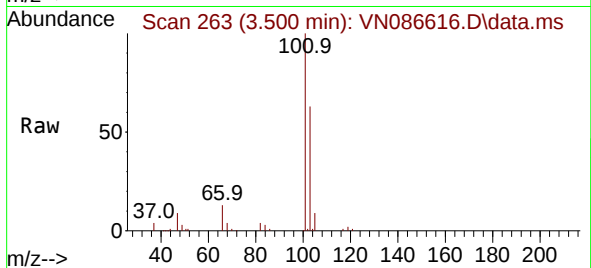
Tgt Ion: 64 Resp: 91722
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.2





#7
Trichlorofluoromethane
Concen: 52.953 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

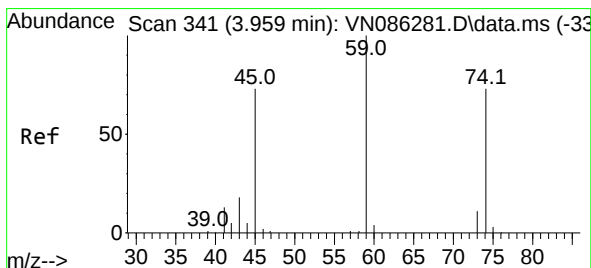
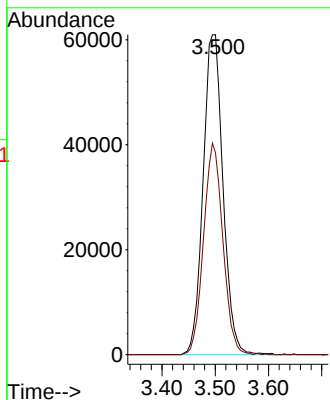
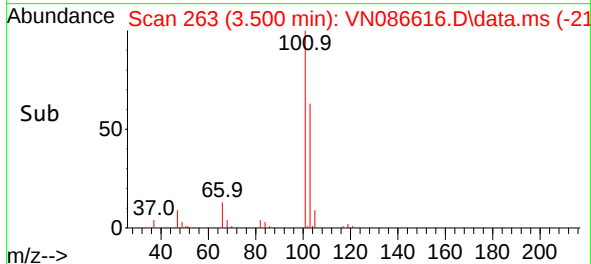
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 15810
Ion Ratio Lower Upper
101 100
103 63.1 49.2 73.8

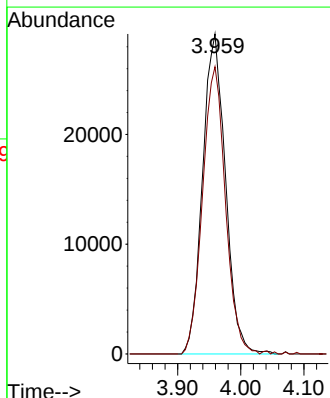
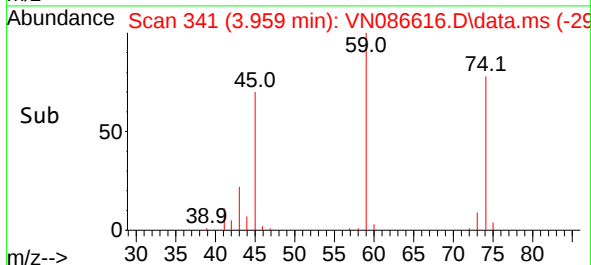
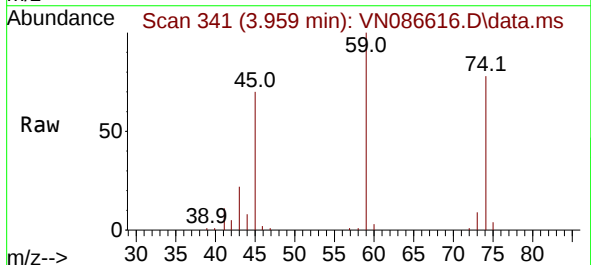
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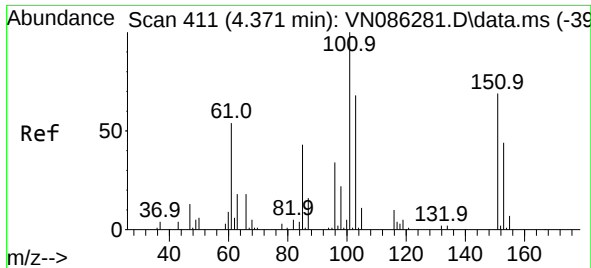
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#8
Diethyl Ether
Concen: 56.315 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Tgt Ion: 74 Resp: 73404
Ion Ratio Lower Upper
74 100
45 89.5 48.0 144.2





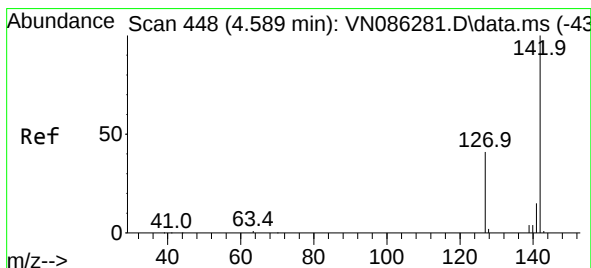
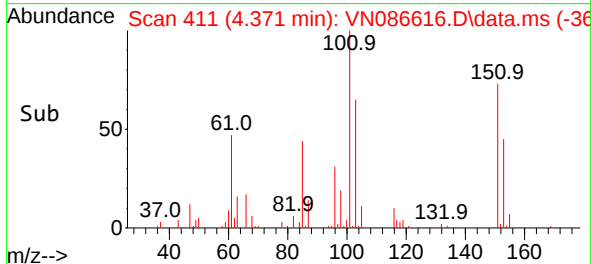
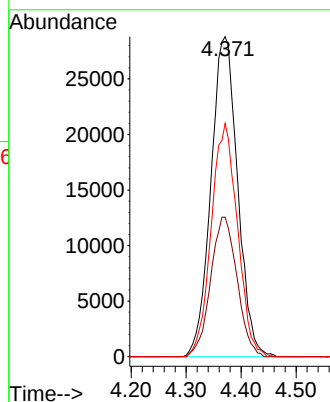
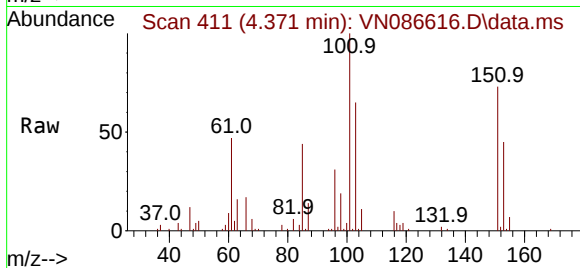
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.883 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086616.D
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Tgt Ion:101 Resp: 97324
Ion Ratio Lower Upper
101 100
85 43.1 34.7 52.1
151 71.3 56.1 84.1

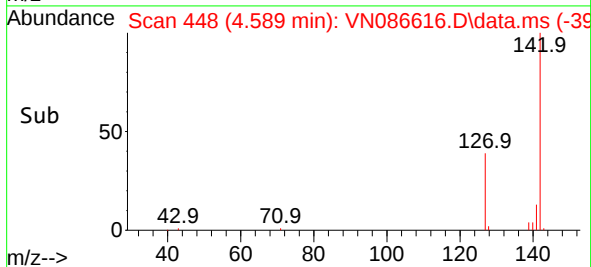
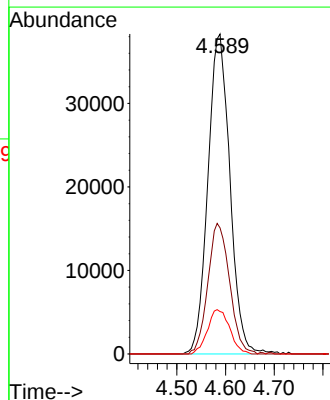
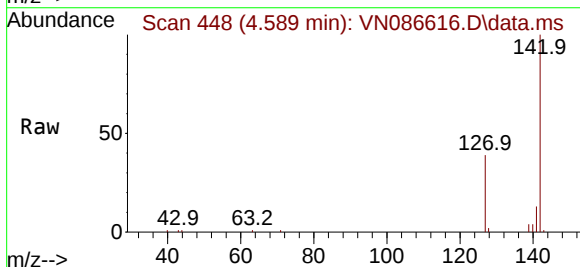
Manual Integrations
APPROVED

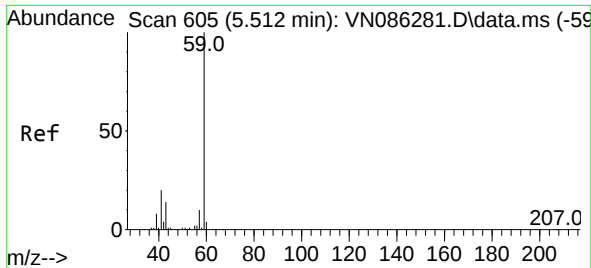
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#10
Methyl Iodide
Concen: 60.551 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

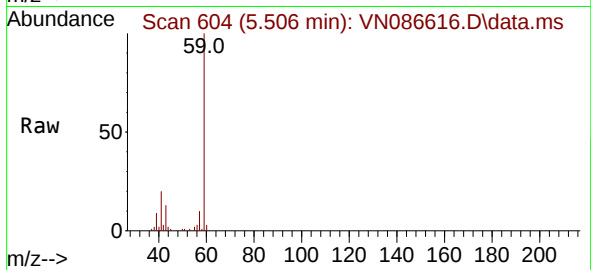
Tgt Ion:142 Resp: 120241
Ion Ratio Lower Upper
142 100
127 39.4 32.7 49.1
141 13.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 237.884 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

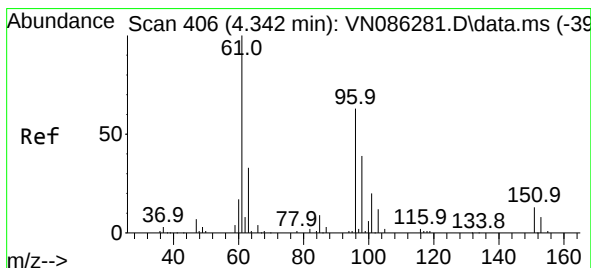
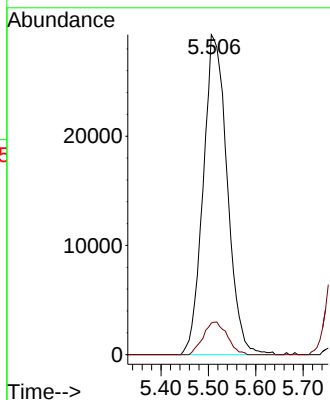
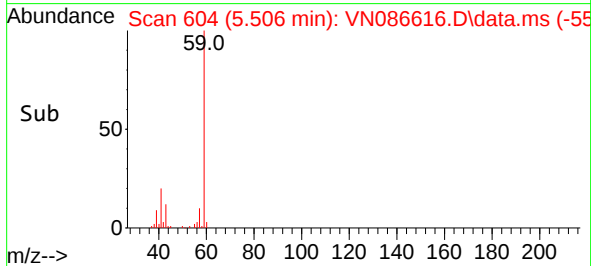
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



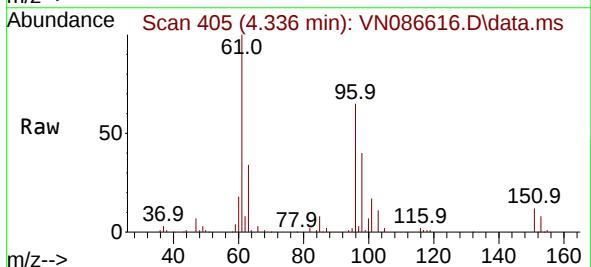
Tgt Ion: 59 Resp: 10319
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
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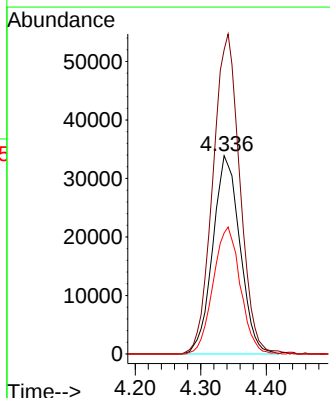
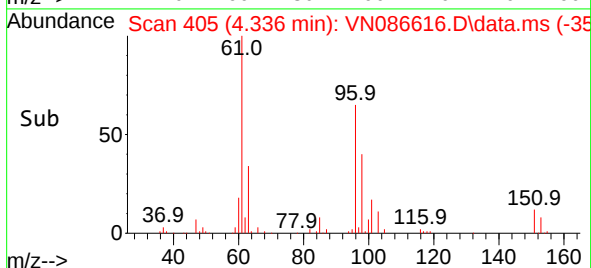
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#12
1,1-Dichloroethene
Concen: 50.491 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35



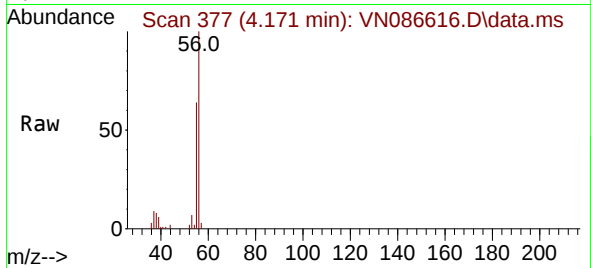
Tgt Ion: 96 Resp: 97432
Ion Ratio Lower Upper
96 100
61 153.4 126.6 189.8
98 61.0 49.6 74.4





#13
Acrolein
Concen: 331.931 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

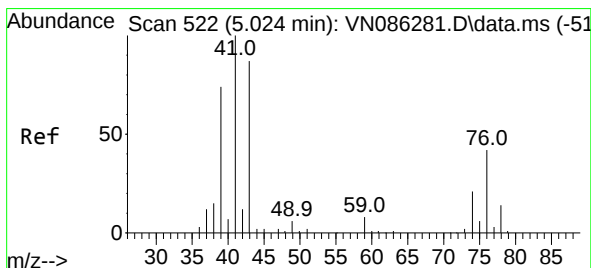
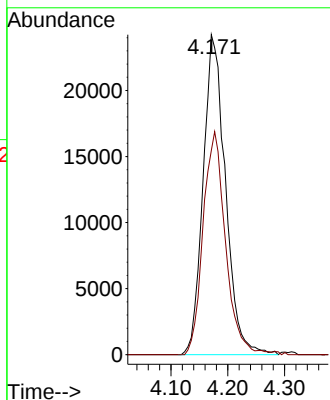
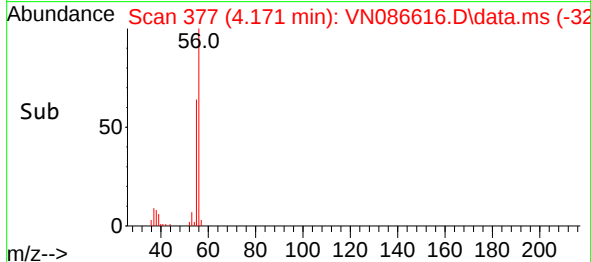
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 6614
Ion Ratio Lower Upper
56 100
55 70.3 58.5 87.7

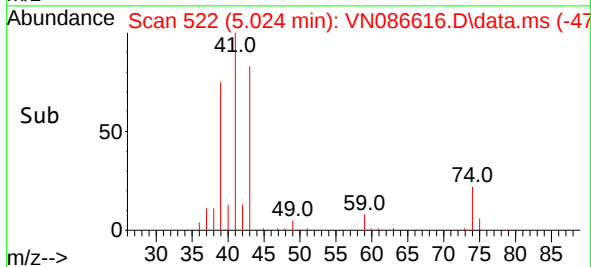
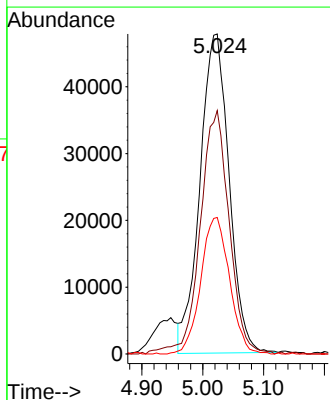
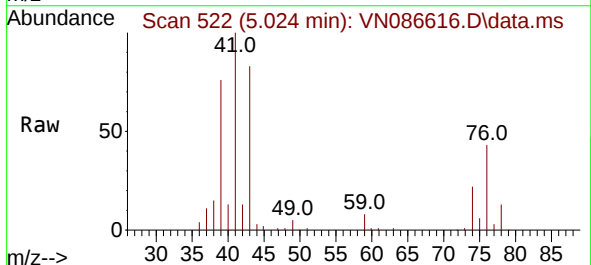
Manual Integrations
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Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#14
Allyl chloride
Concen: 46.268 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

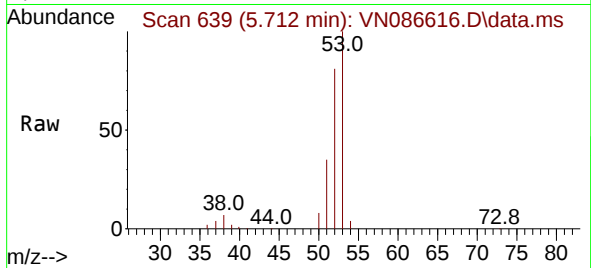
Tgt Ion: 41 Resp: 158716
Ion Ratio Lower Upper
41 100
39 75.8 59.2 88.8
76 42.2 31.2 46.8





#15
Acrylonitrile
Concen: 278.467 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

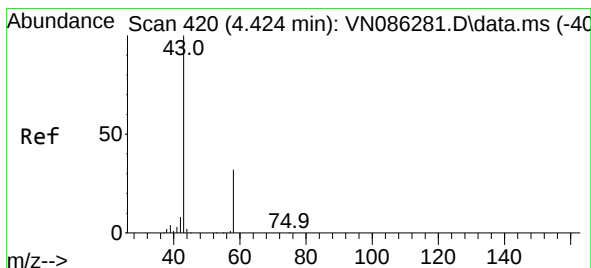
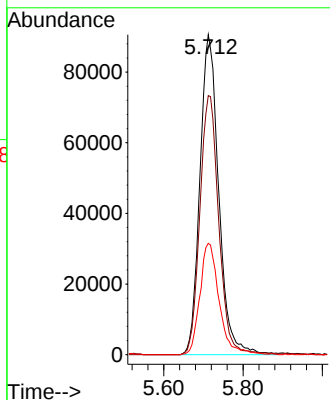
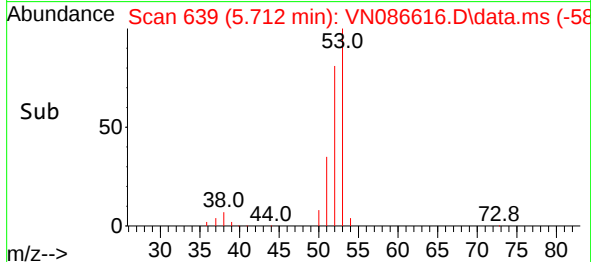
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 29861
Ion Ratio Lower Upper
53 100
52 81.2 65.5 98.3
51 35.6 28.6 42.8

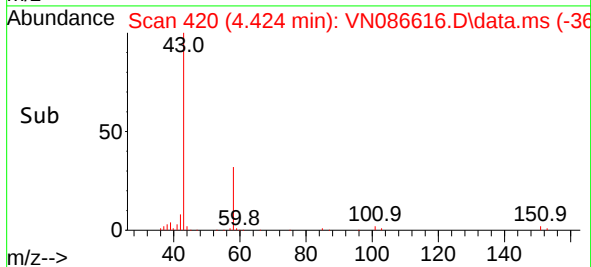
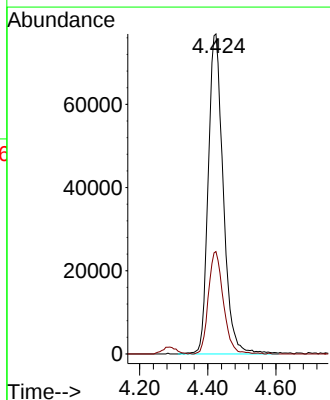
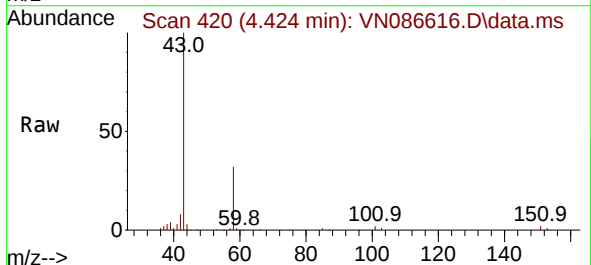
Manual Integrations
APPROVED

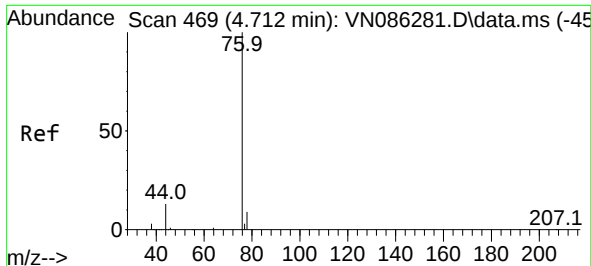
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#16
Acetone
Concen: 286.531 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

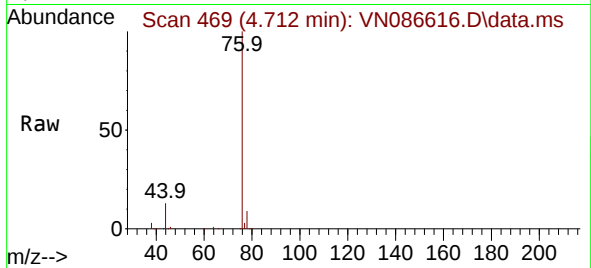
Tgt Ion: 43 Resp: 234839
Ion Ratio Lower Upper
43 100
58 32.0 25.3 37.9





#17
Carbon Disulfide
Concen: 47.688 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

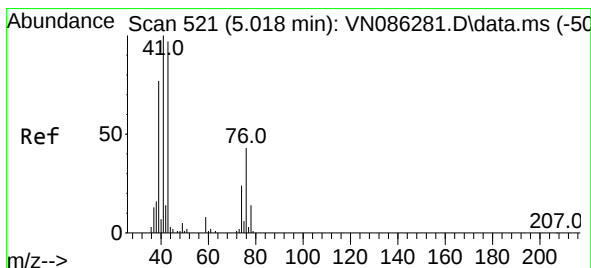
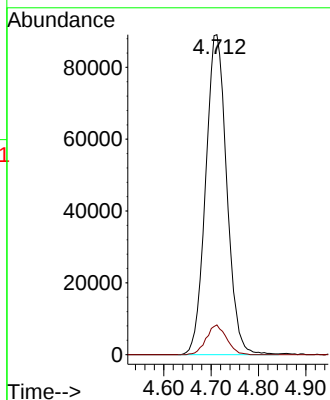
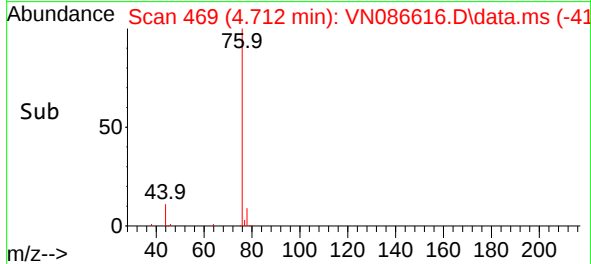
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



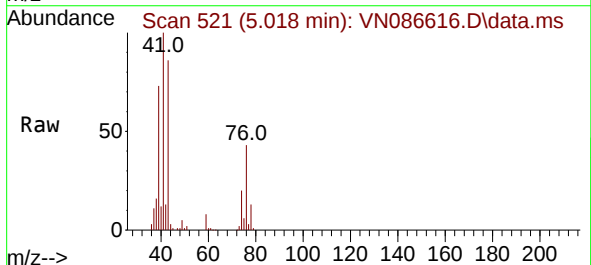
Tgt Ion: 76 Resp: 275539
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

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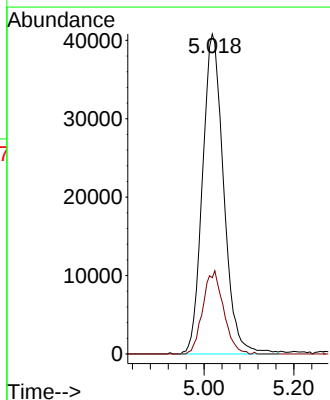
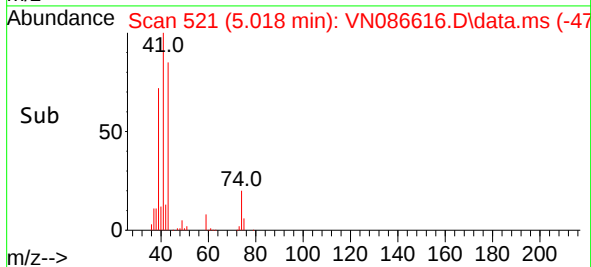
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

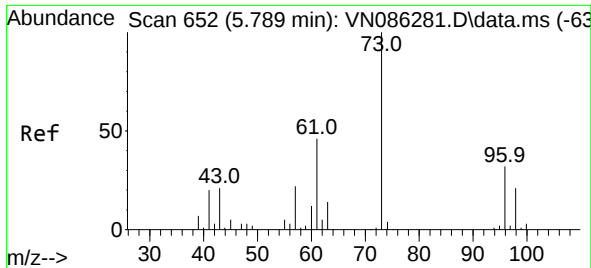


#18
Methyl Acetate
Concen: 46.885 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35



Tgt Ion: 43 Resp: 133803
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.6





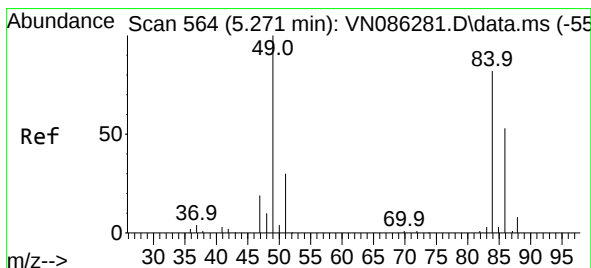
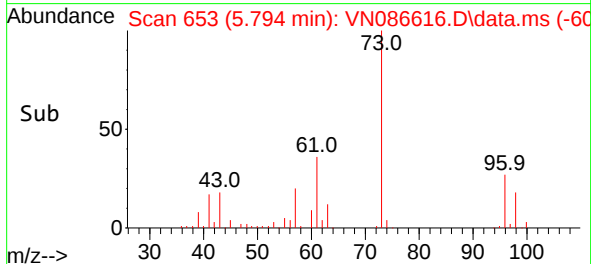
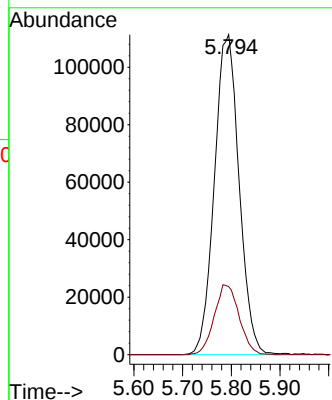
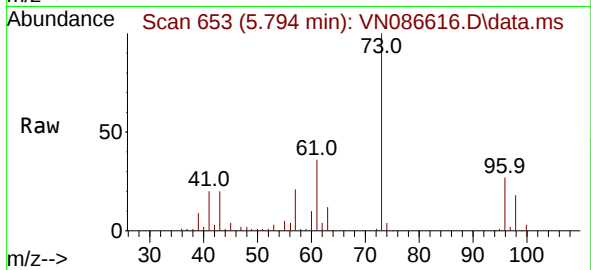
#19
Methyl tert-butyl Ether
Concen: 55.286 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 39216
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4

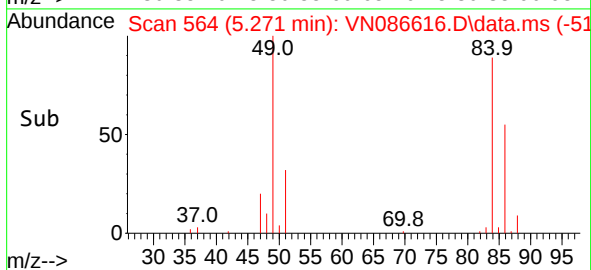
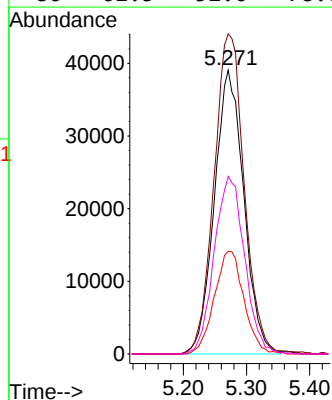
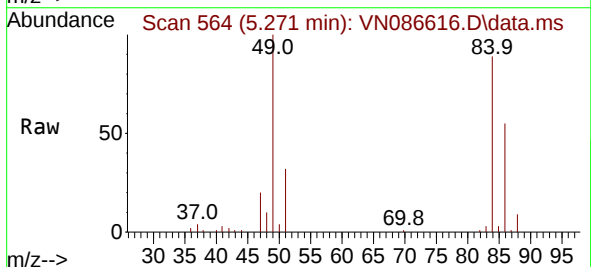
Manual Integrations
APPROVED

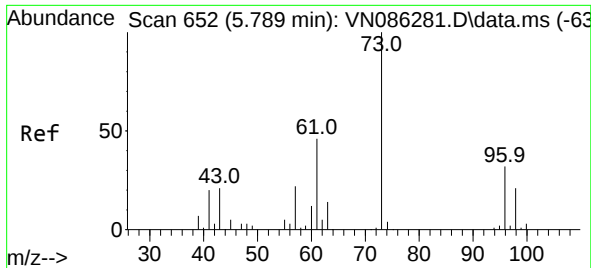
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#20
Methylene Chloride
Concen: 57.490 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

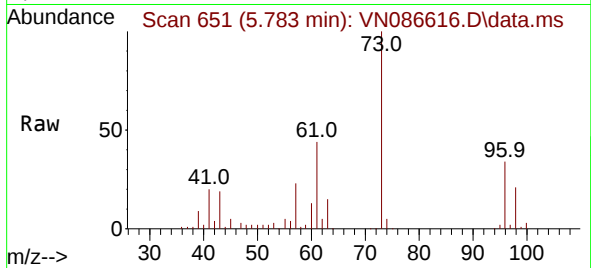
Tgt Ion: 84 Resp: 126357
Ion Ratio Lower Upper
84 100
49 112.7 98.2 147.2
51 36.1 29.8 44.6
86 62.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 54.354 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

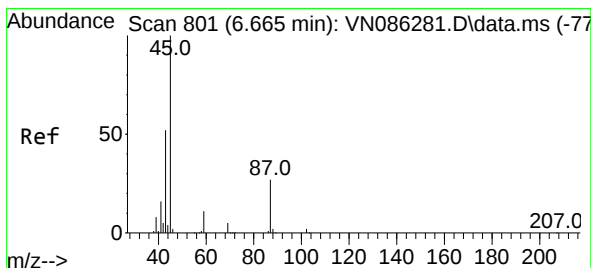
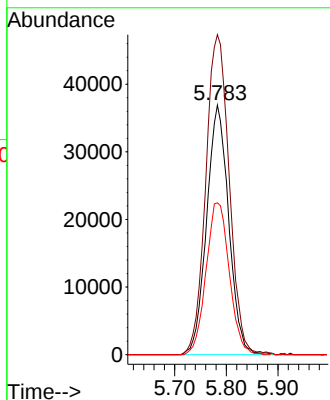
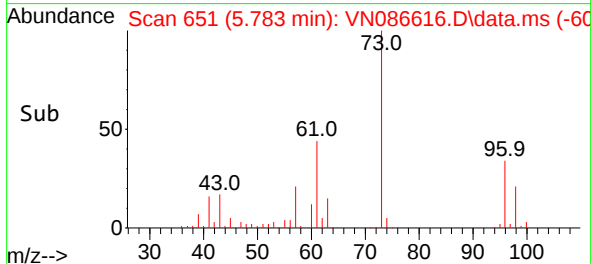
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 109650
Ion Ratio Lower Upper
96 100
61 128.2 114.6 171.8
98 60.8 51.2 76.8

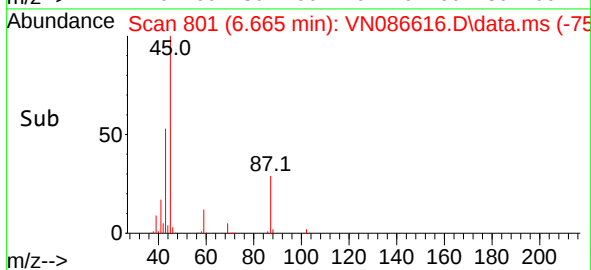
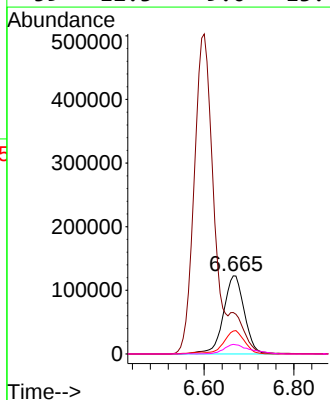
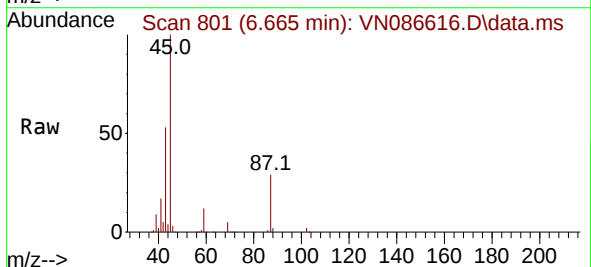
Manual Integrations
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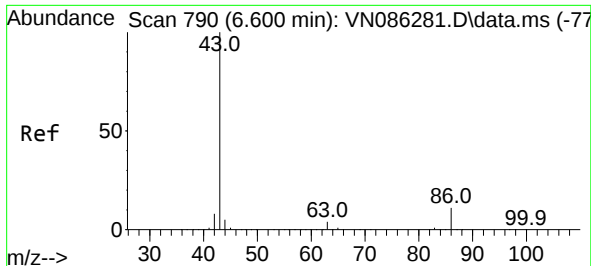
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#22
Diisopropyl ether
Concen: 53.125 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Tgt Ion: 45 Resp: 396436
Ion Ratio Lower Upper
45 100
43 52.2 41.8 62.8
87 29.3 21.6 32.4
59 12.3 9.0 13.4





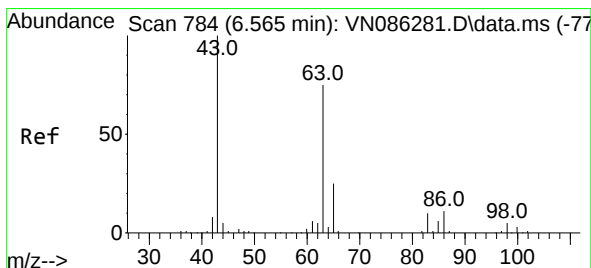
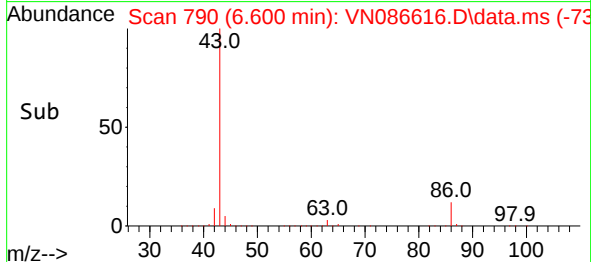
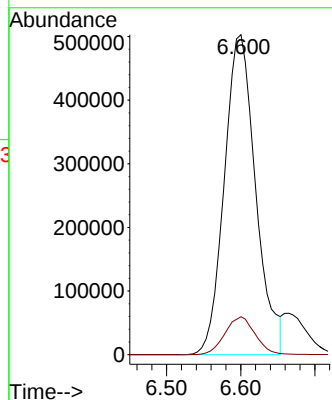
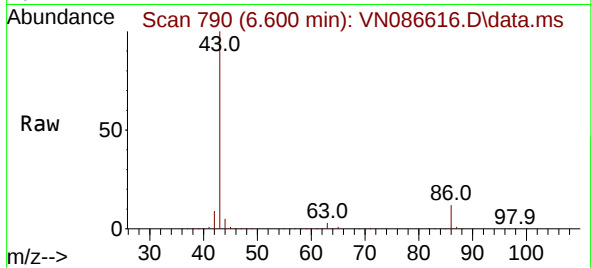
#23
 Vinyl Acetate
 Concen: 283.665 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086616.D
 Acq: 14 May 2025 10:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1479764
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.6 13.0

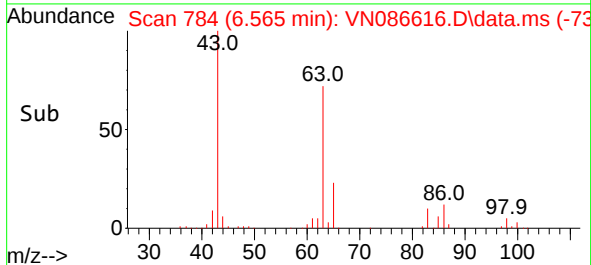
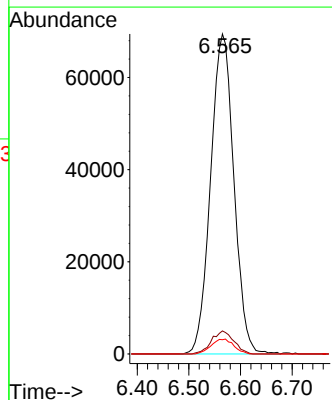
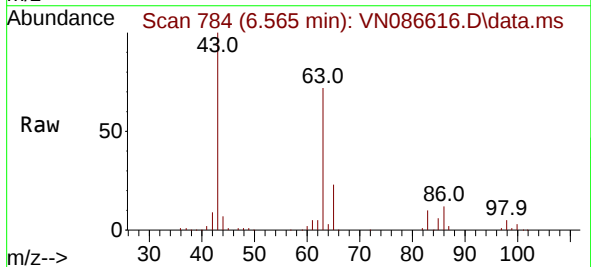
Manual Integrations
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Reviewed By :John Carlone 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025



#24
 1,1-Dichloroethane
 Concen: 55.178 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086616.D
 Acq: 14 May 2025 10:35

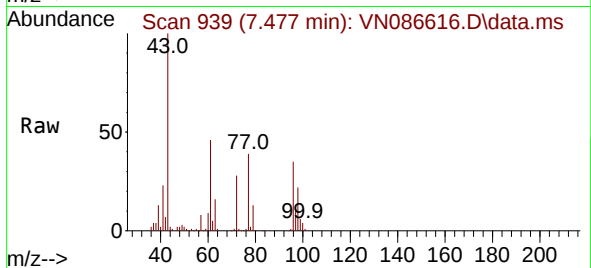
Tgt Ion: 63 Resp: 217255
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 4.5 2.1 6.5





#25
2-Butanone
Concen: 256.077 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

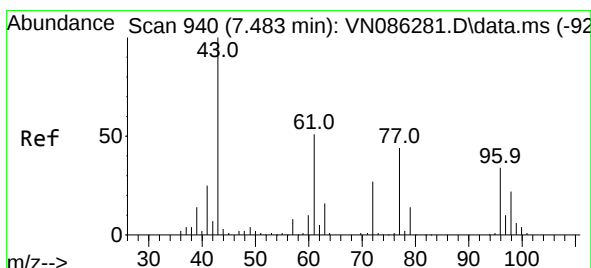
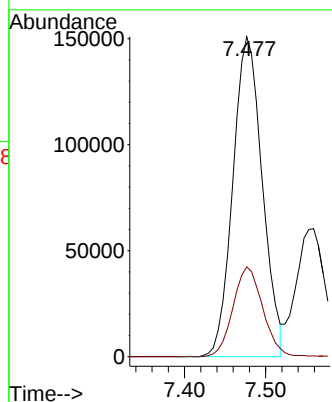
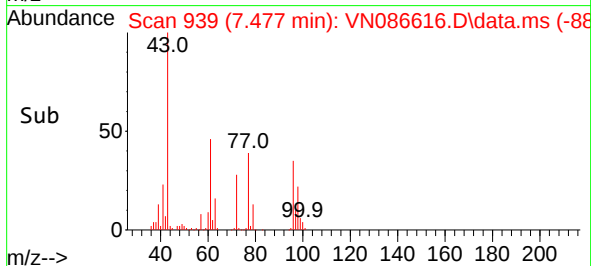
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 378954
Ion Ratio Lower Upper
43 100
72 28.0 21.7 32.5

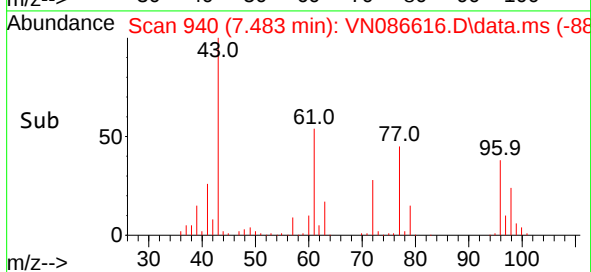
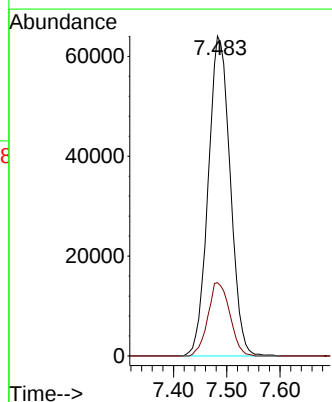
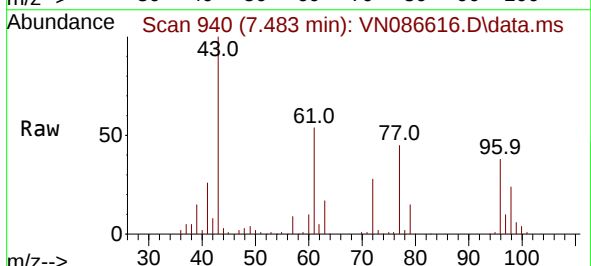
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#26
2,2-Dichloropropane
Concen: 52.081 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

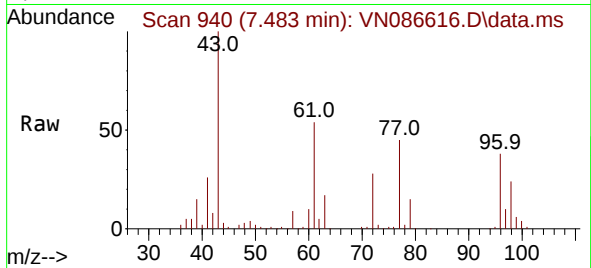
Tgt Ion: 77 Resp: 183605
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 56.917 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086616.D
 Acq: 14 May 2025 10:35

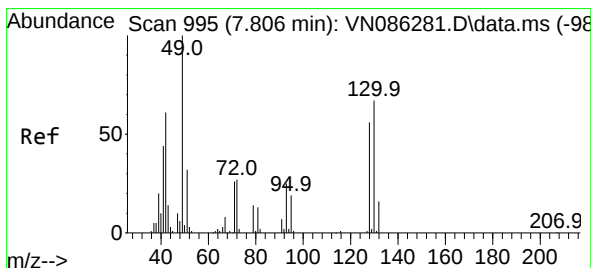
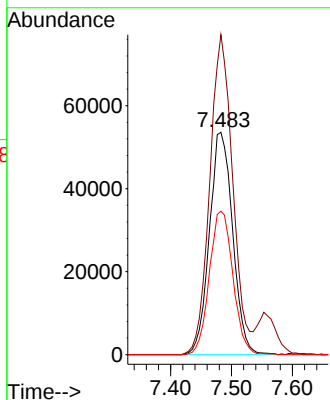
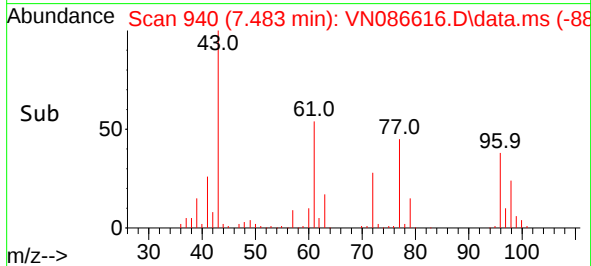
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



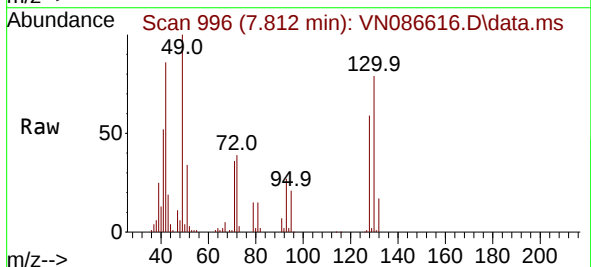
Tgt Ion: 96 Resp: 14252
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 299.0
 98 65.2 0.0 129.6

Manual Integrations
 APPROVED

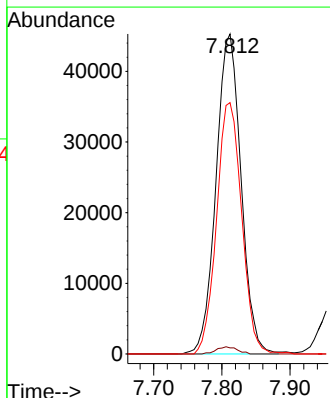
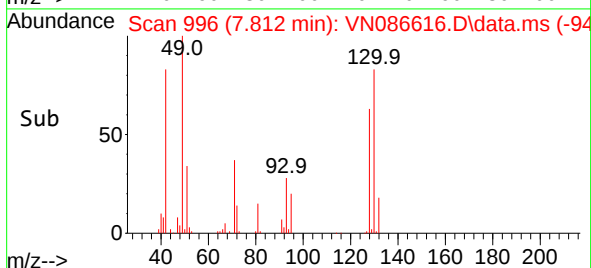
Reviewed By :John Carlone 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025



#28
 Bromochloromethane
 Concen: 69.329 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086616.D
 Acq: 14 May 2025 10:35



Tgt Ion: 49 Resp: 115743
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 78.8 57.1 85.7





#29

Tetrahydrofuran

Concen: 255.894 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086616.D

Acq: 14 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 25322

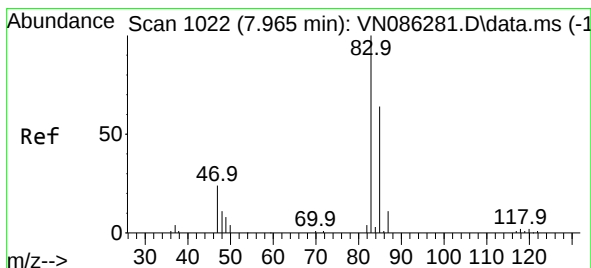
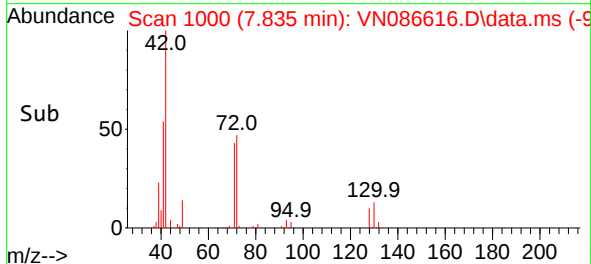
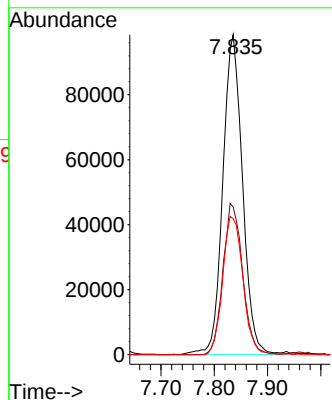
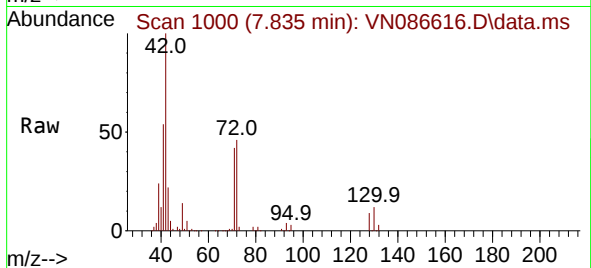
Ion	Ratio	Lower	Upper
42	100		
72	47.2	36.2	54.4
71	44.2	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#30

Chloroform

Concen: 56.981 ug/l

RT: 7.965 min Scan# 1022

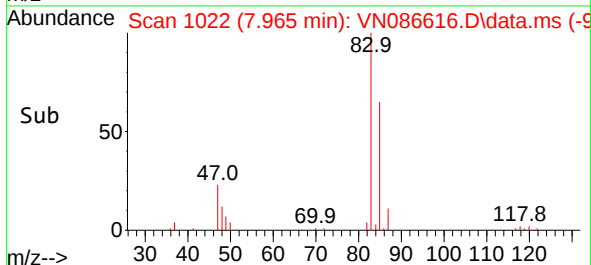
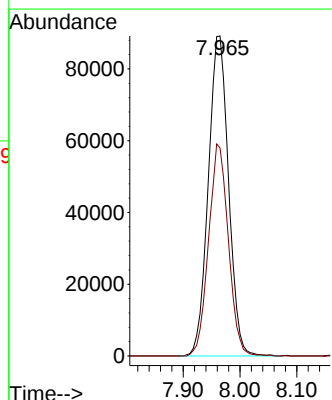
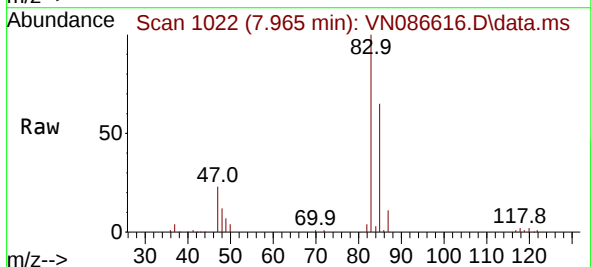
Delta R.T. -0.000 min

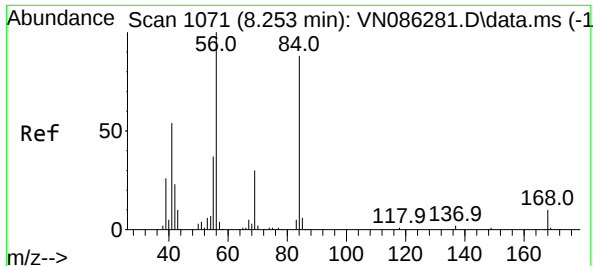
Lab File: VN086616.D

Acq: 14 May 2025 10:35

Tgt Ion: 83 Resp: 220391

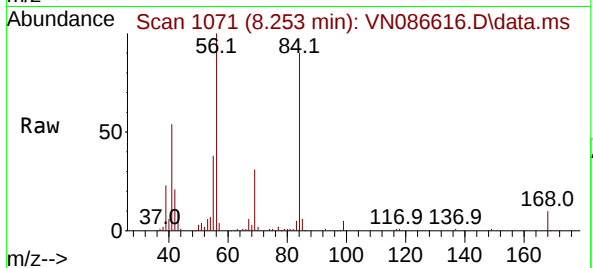
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.5	77.3





#31
Cyclohexane
Concen: 45.162 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

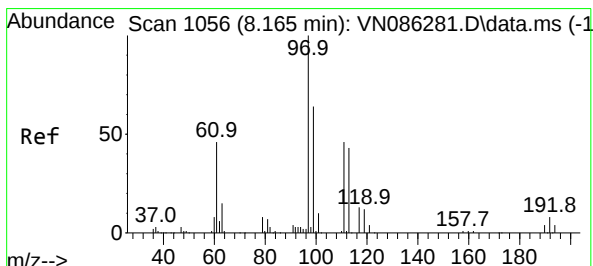
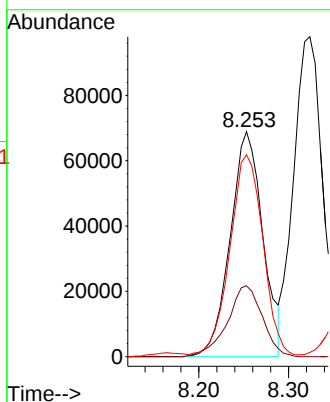
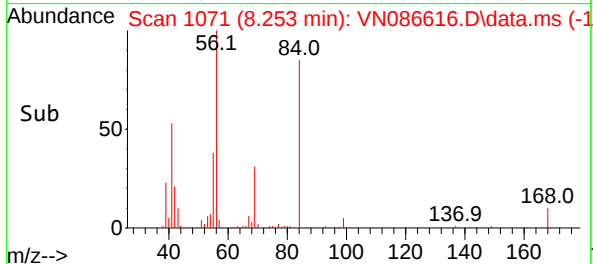
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



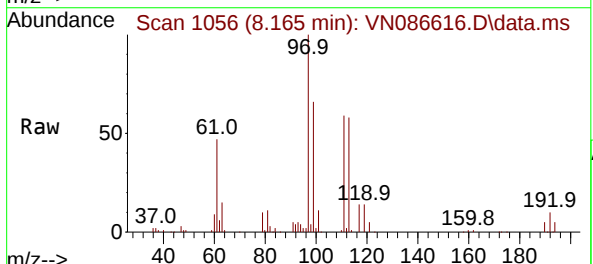
Tgt Ion: 56 Resp: 174000
Ion Ratio Lower Upper
56 100
69 31.5 24.2 36.2
84 88.3 70.3 105.5

Manual Integrations
APPROVED

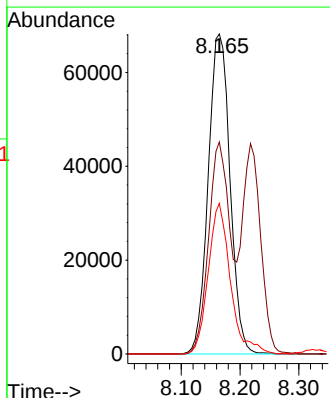
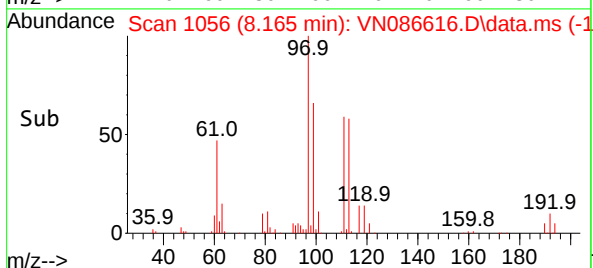
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

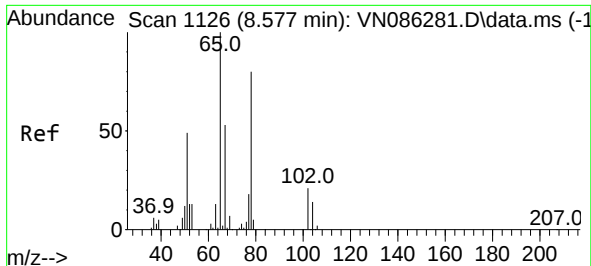


#32
1,1,1-Trichloroethane
Concen: 53.208 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35



Tgt Ion: 97 Resp: 176053
Ion Ratio Lower Upper
97 100
99 65.6 52.7 79.1
61 47.8 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 52.084 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086616.D

Acq: 14 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 123828

Ion Ratio Lower Upper

65 100

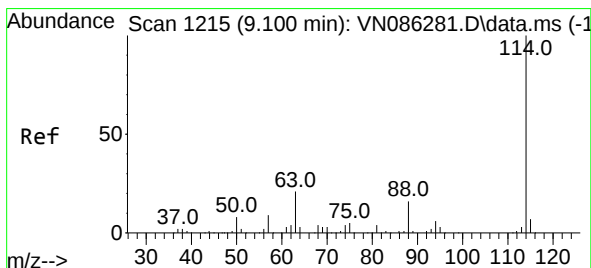
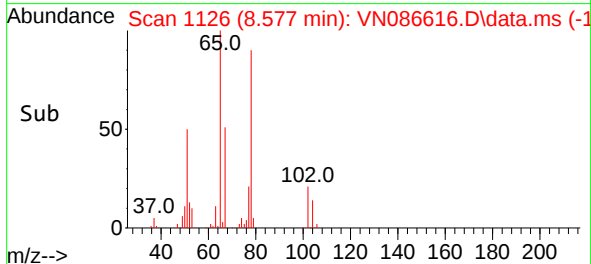
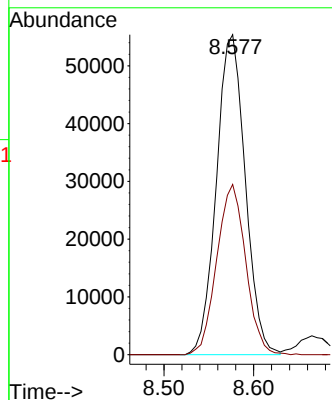
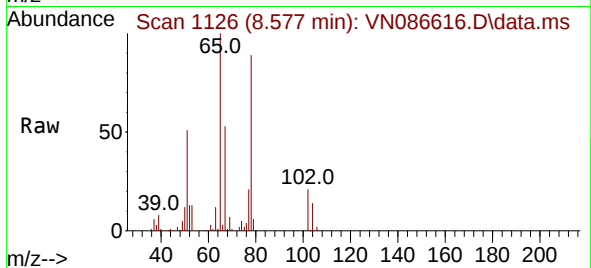
67 53.3 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086616.D

Acq: 14 May 2025 10:35

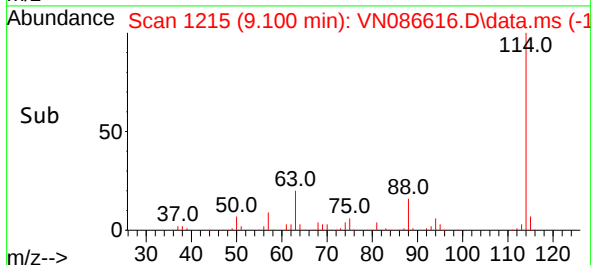
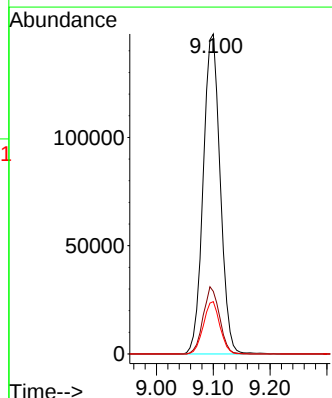
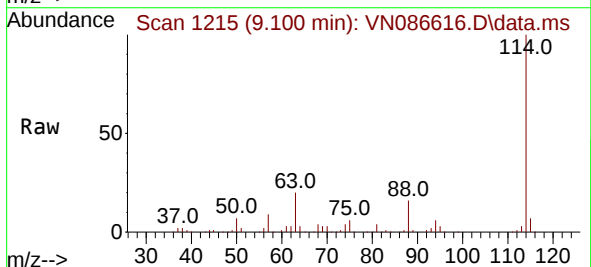
Tgt Ion:114 Resp: 306240

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

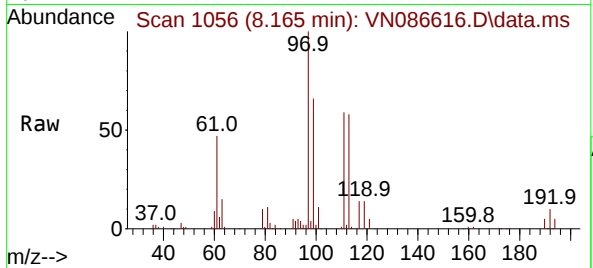
88 16.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 66.279 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

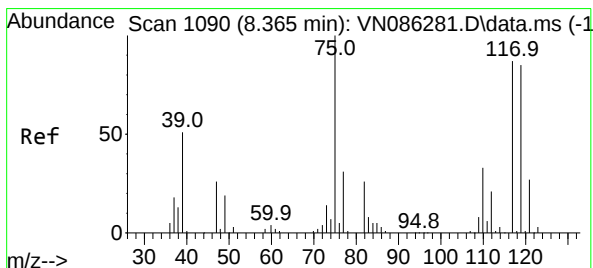
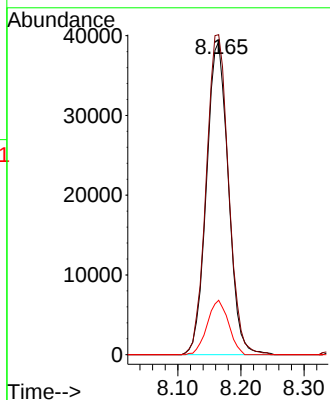
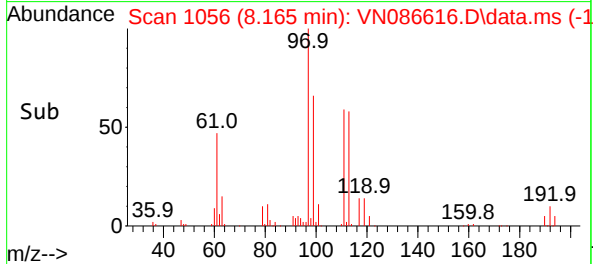
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 9420
Ion Ratio Lower Upper
113 100
111 104.6 83.4 125.0
192 17.0 13.7 20.5

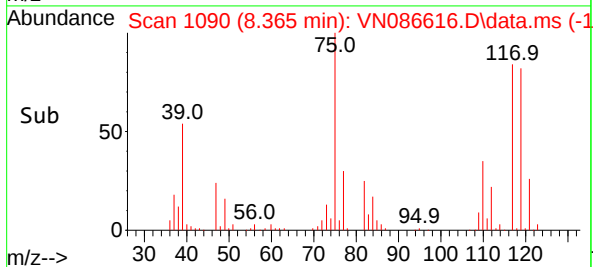
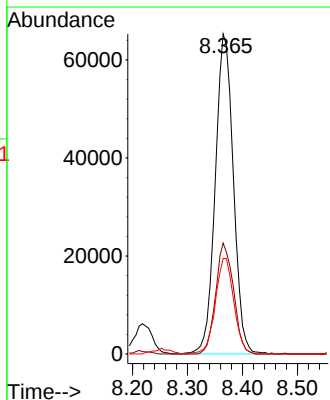
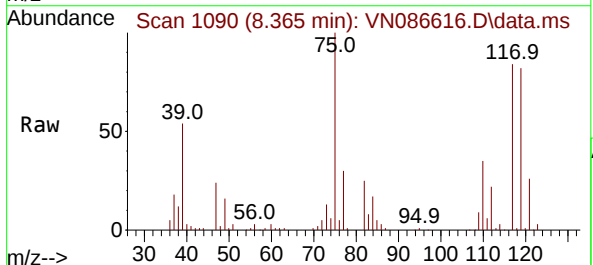
Manual Integrations
APPROVED

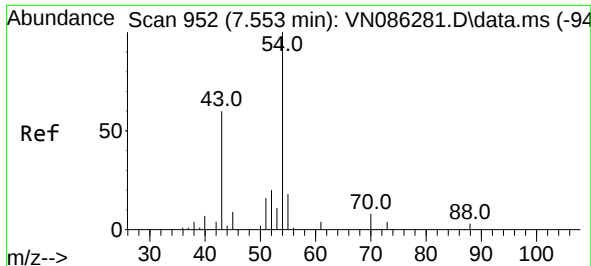
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#36
1,1-Dichloropropene
Concen: 52.762 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Tgt Ion: 75 Resp: 149783
Ion Ratio Lower Upper
75 100
110 34.0 16.8 50.4
77 30.5 24.9 37.3





#37

Ethyl Acetate

Concen: 50.770 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086616.D

Acq: 14 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 151738

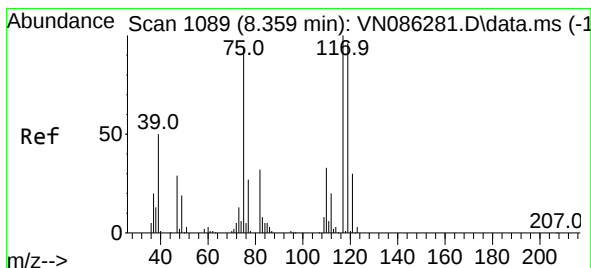
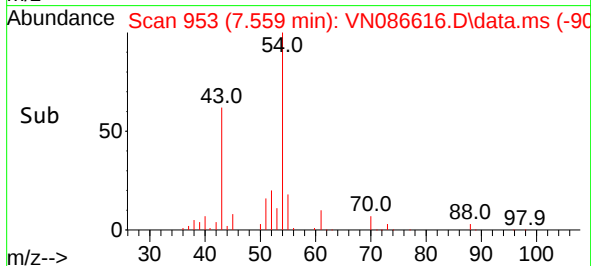
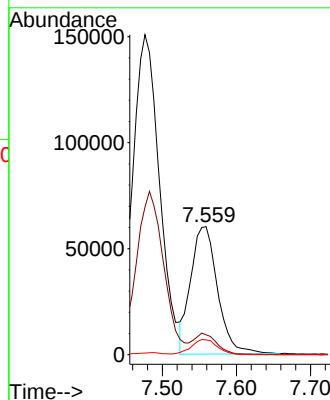
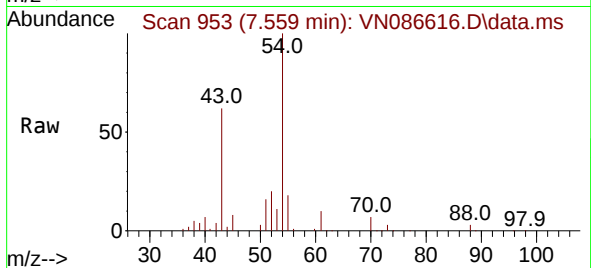
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.1	16.7
70	11.5	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#38

Carbon Tetrachloride

Concen: 54.055 ug/l

RT: 8.359 min Scan# 1089

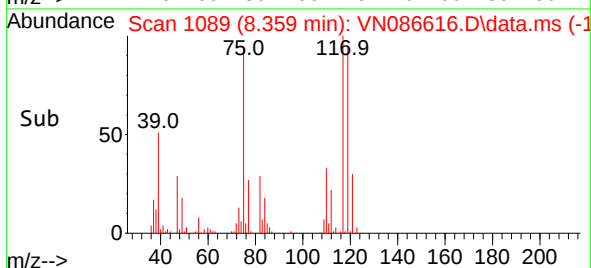
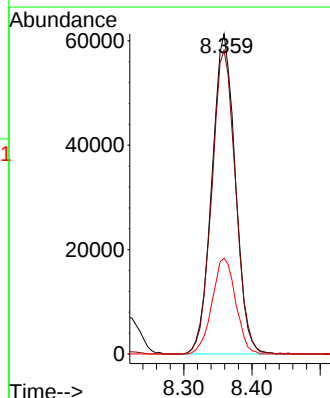
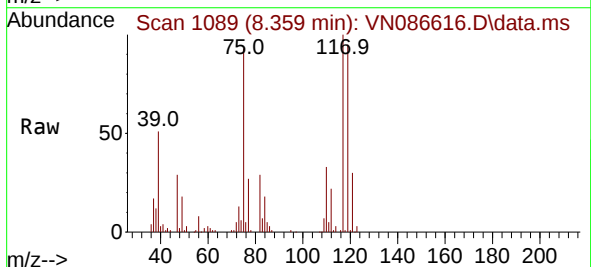
Delta R.T. -0.000 min

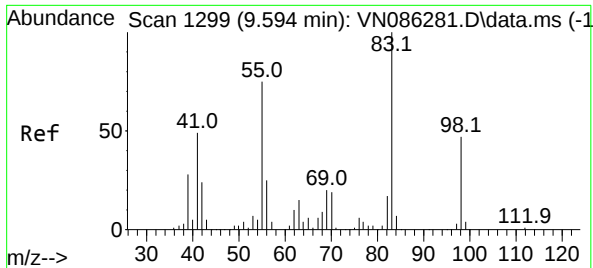
Lab File: VN086616.D

Acq: 14 May 2025 10:35

Tgt Ion:117 Resp: 146136

Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.8	115.2
121	29.9	23.8	35.8





#39
Methylcyclohexane
Concen: 47.696 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

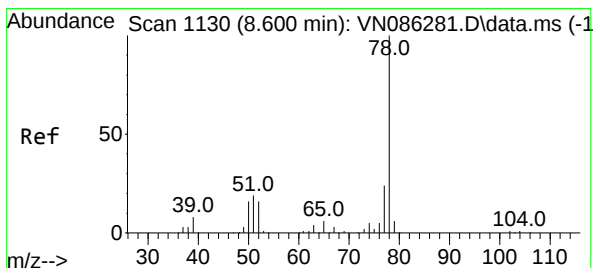
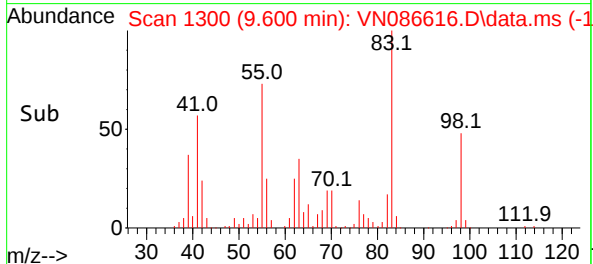
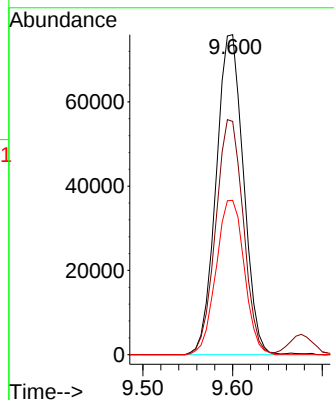
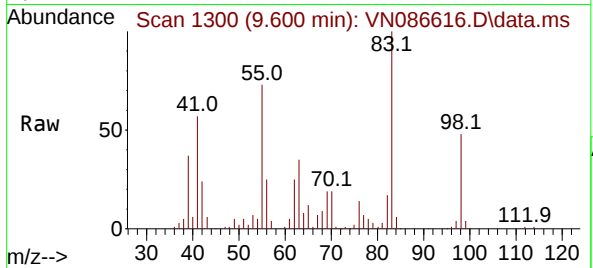
VSTDCCC050

Tgt Ion: 83 Resp: 160938
Ion Ratio Lower Upper
83 100
55 72.9 59.8 89.8
98 48.2 37.9 56.9

Manual Integrations

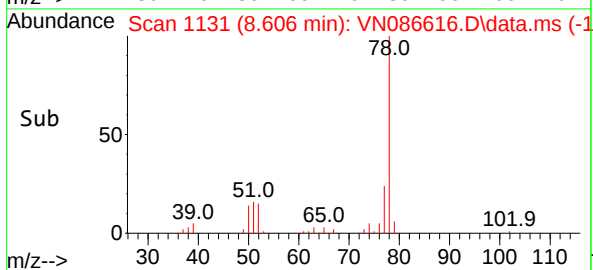
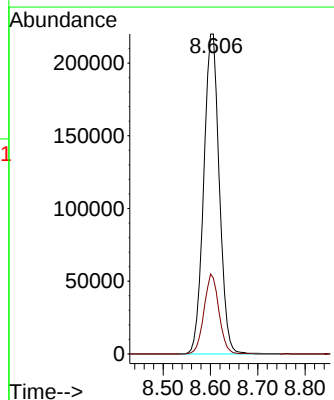
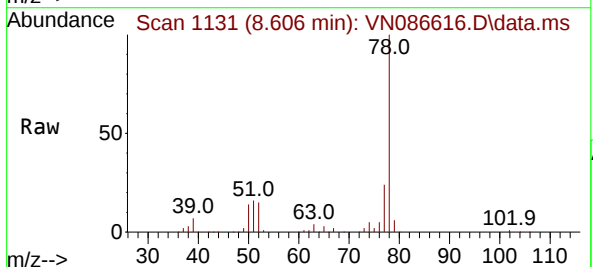
APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#40
Benzene
Concen: 55.241 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

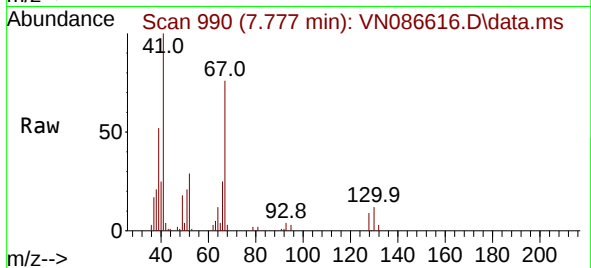
Tgt Ion: 78 Resp: 502443
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2





#41
Methacrylonitrile
Concen: 51.421 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

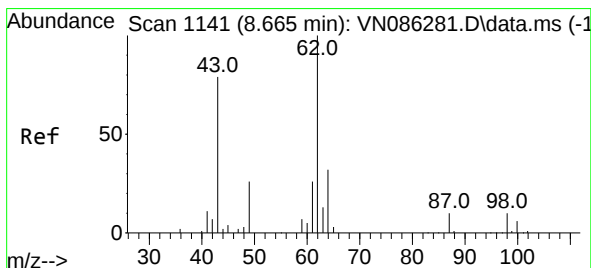
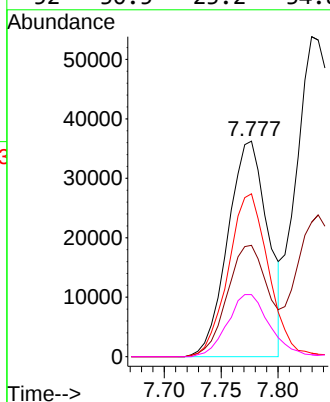
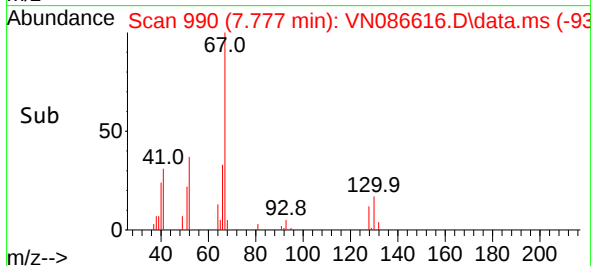
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	89070
Ion Ratio	100	Lower	Upper
39	52.7	43.0	64.4
67	76.4	58.8	88.2
52	30.5	23.2	34.8

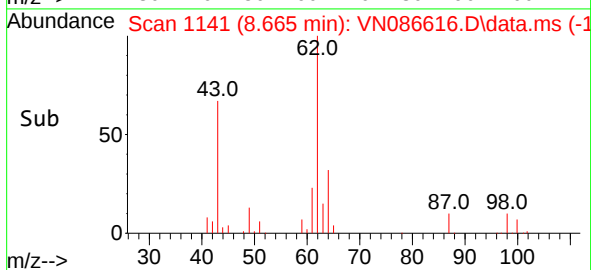
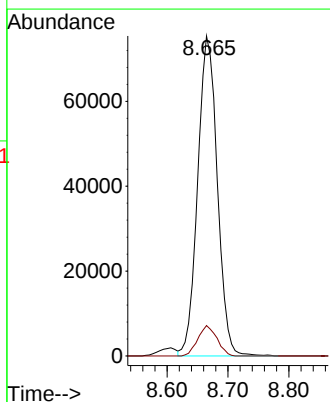
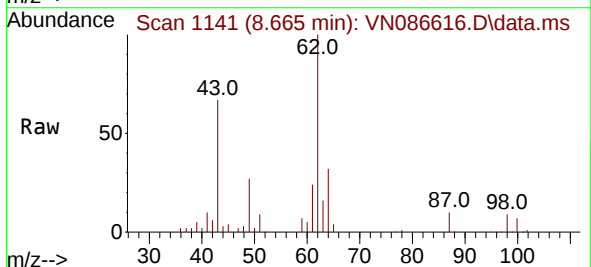
Manual Integrations
APPROVED

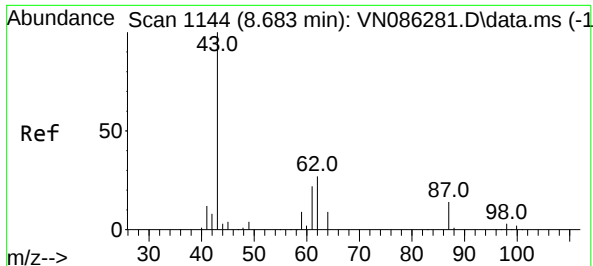
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#42
1,2-Dichloroethane
Concen: 58.303 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Tgt Ion:	62	Resp:	169107
Ion Ratio	100	Lower	Upper
98	9.2	0.0	19.2





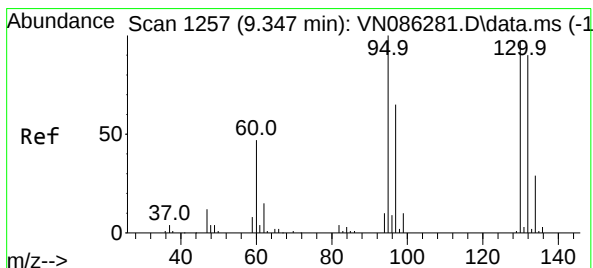
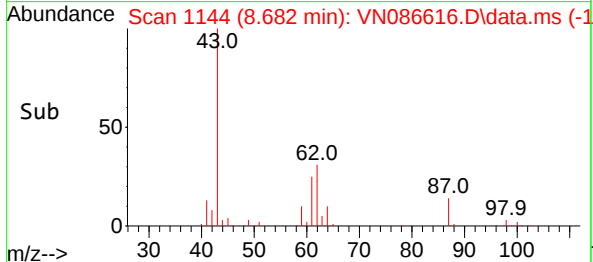
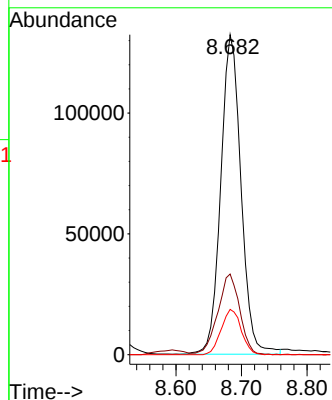
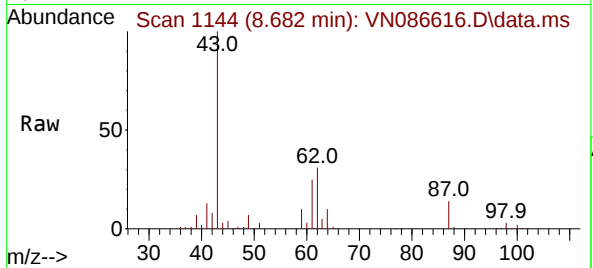
#43
Isopropyl Acetate
Concen: 53.135 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 28296
Ion Ratio Lower Upper
43 100
61 27.4 20.5 30.7
87 14.0 10.5 15.7

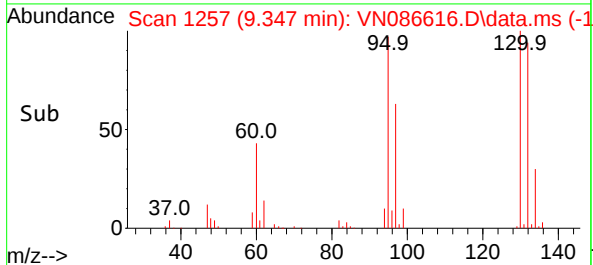
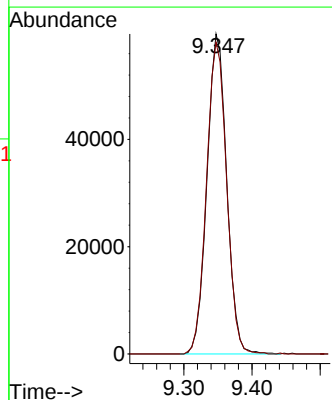
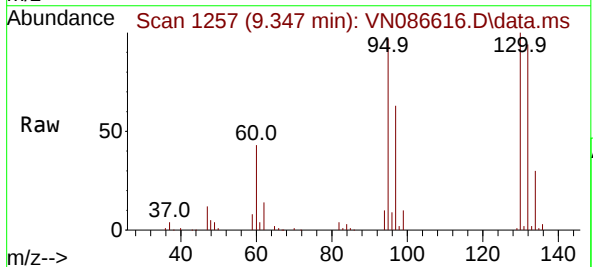
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#44
Trichloroethene
Concen: 55.727 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Tgt Ion:130 Resp: 120135
Ion Ratio Lower Upper
130 100
95 97.4 0.0 207.2





#45

1,2-Dichloropropane

Concen: 55.588 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086616.D

Acq: 14 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 12376

Ion Ratio Lower Upper

63 100

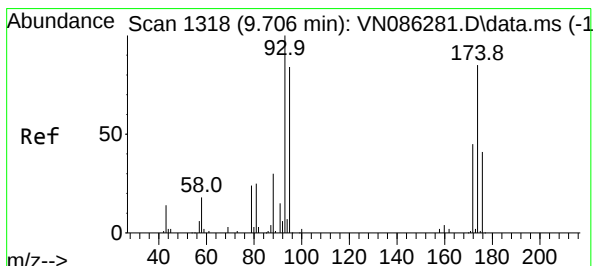
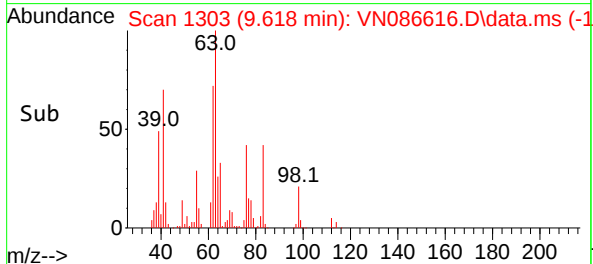
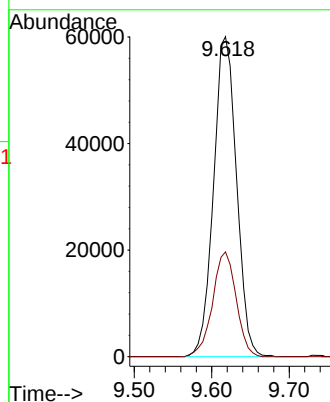
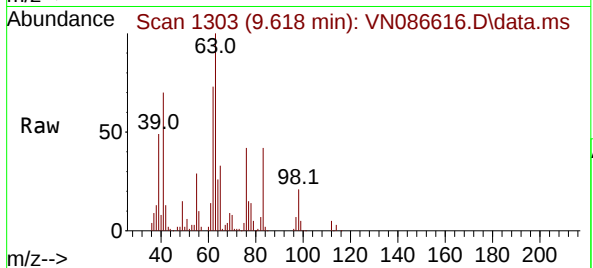
65 32.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#46

Dibromomethane

Concen: 60.445 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086616.D

Acq: 14 May 2025 10:35

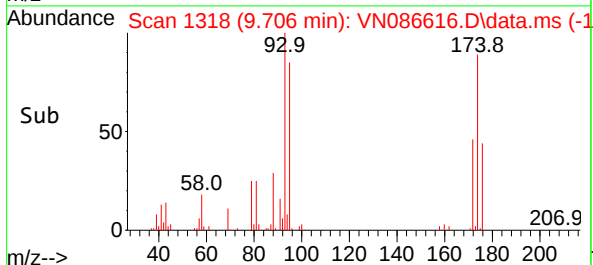
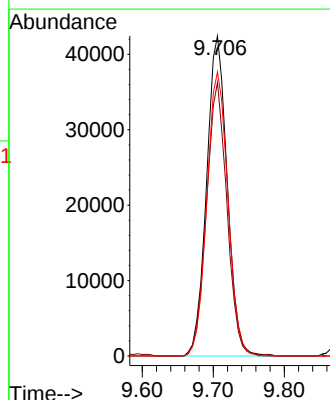
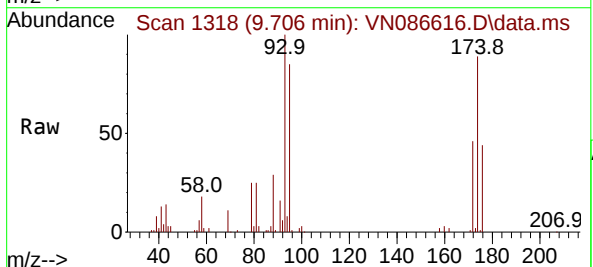
Tgt Ion: 93 Resp: 85744

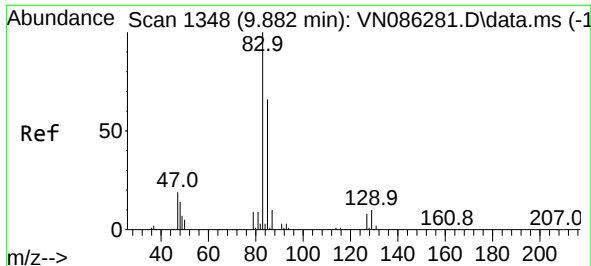
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

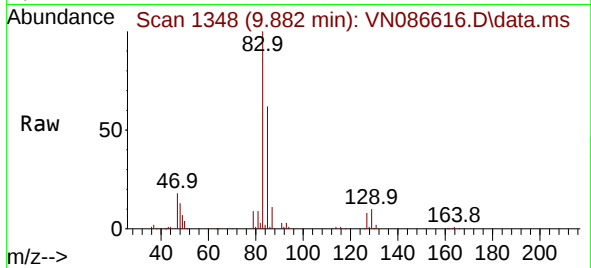
174 90.5 67.8 101.6





#47
Bromodichloromethane
Concen: 59.030 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

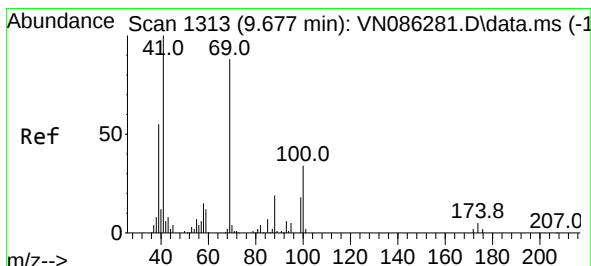
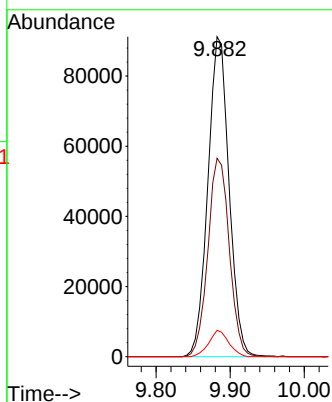
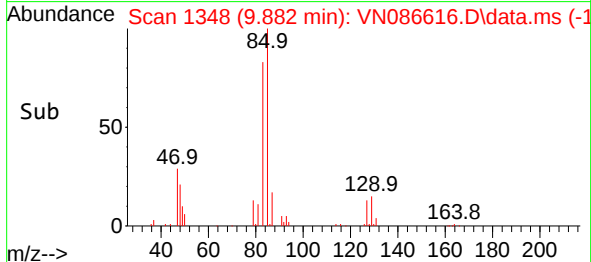
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



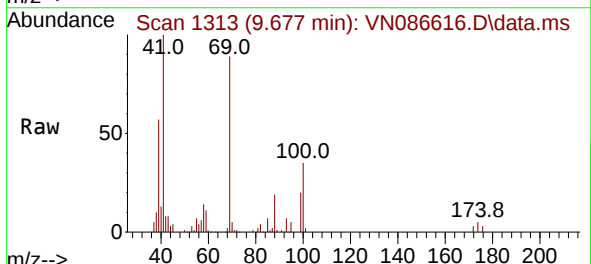
Tgt Ion: 83 Resp: 18085
Ion Ratio Lower Upper
83 100
85 62.0 52.6 78.8
127 8.3 6.1 9.1

Manual Integrations
APPROVED

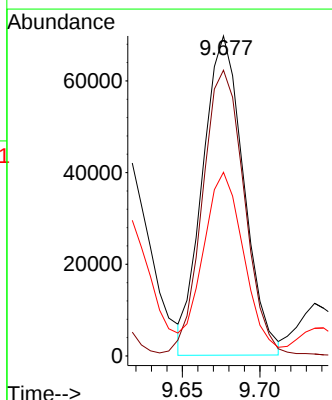
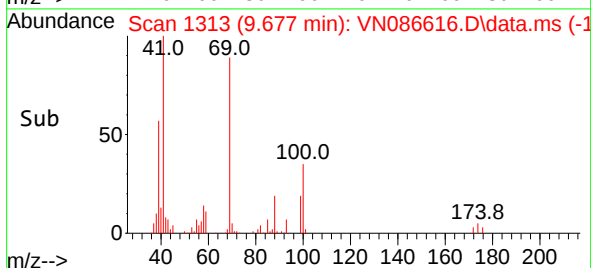
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

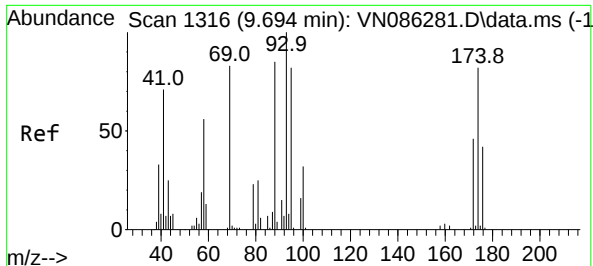


#48
Methyl methacrylate
Concen: 48.857 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35



Tgt Ion: 41 Resp: 128230
Ion Ratio Lower Upper
41 100
69 92.2 68.2 102.2
39 57.6 45.2 67.8





#49

1,4-Dioxane

Concen: 1074.286 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086616.D

Acq: 14 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

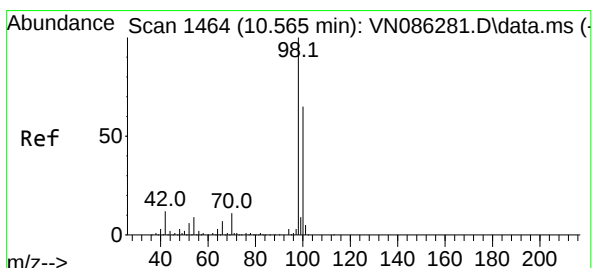
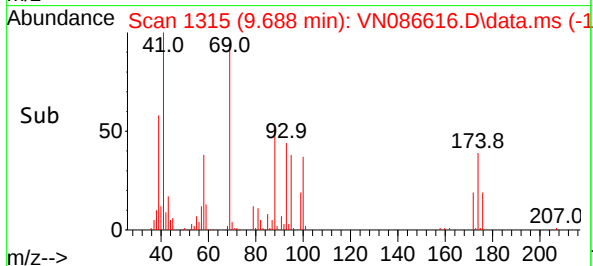
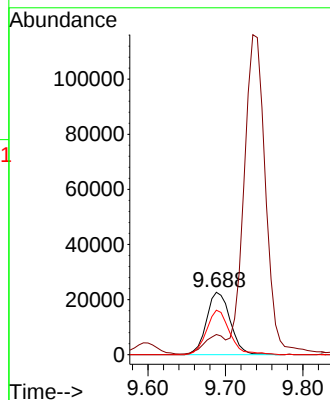
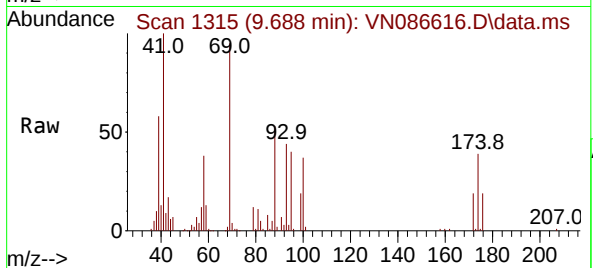
Tgt Ion:	88	Resp:	47960
Ion	Ratio	Lower	Upper
88	100		
43	26.9	23.8	35.8
58	70.4	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#50

Toluene-d8

Concen: 49.324 ug/l

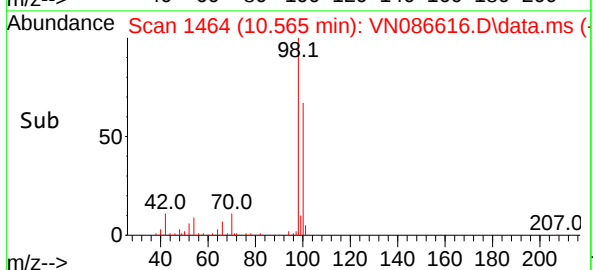
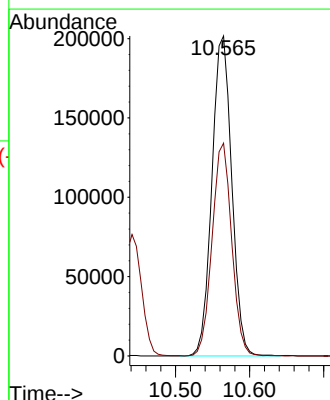
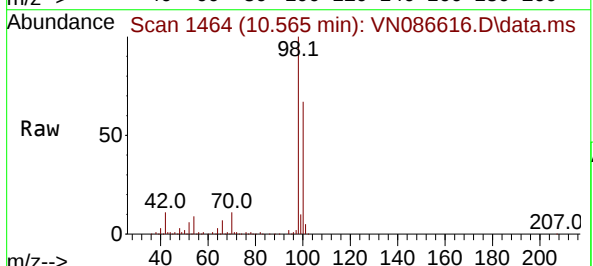
RT: 10.565 min Scan# 1464

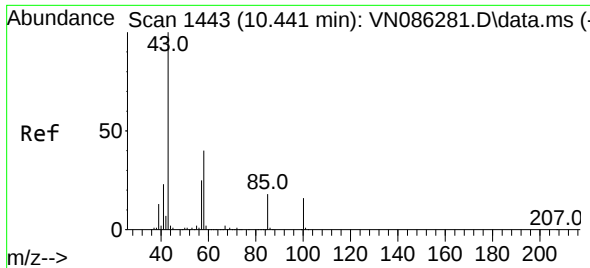
Delta R.T. -0.000 min

Lab File: VN086616.D

Acq: 14 May 2025 10:35

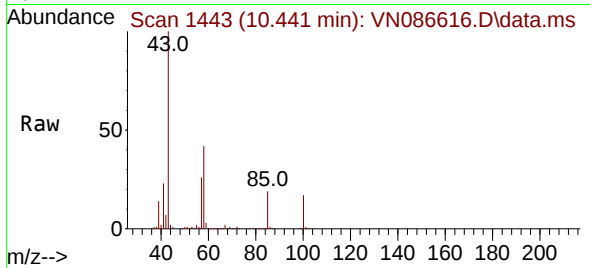
Tgt Ion:	98	Resp:	374669
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 264.343 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

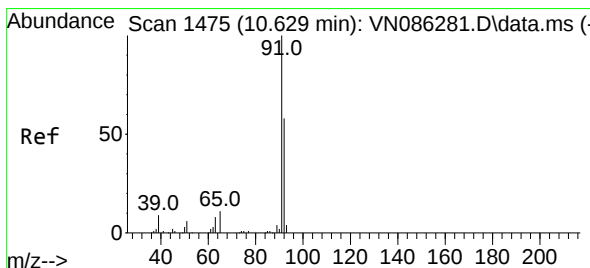
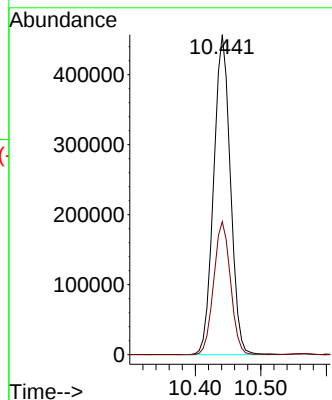
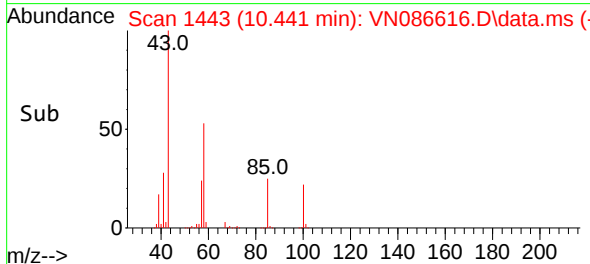
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 809009
Ion Ratio Lower Upper
43 100
58 41.7 32.2 48.4

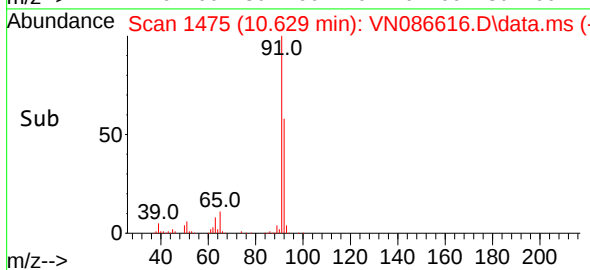
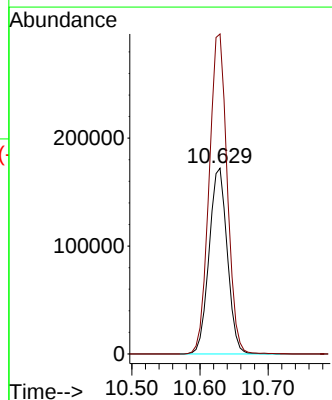
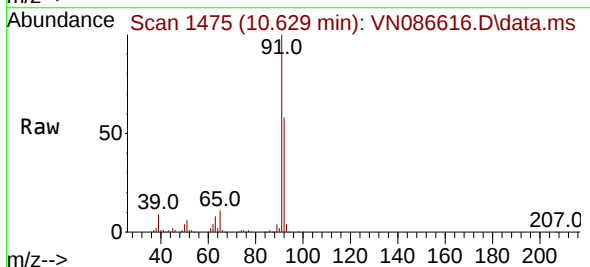
Manual Integrations
APPROVED

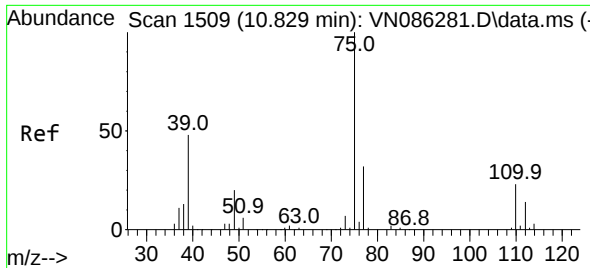
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#52
Toluene
Concen: 56.227 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

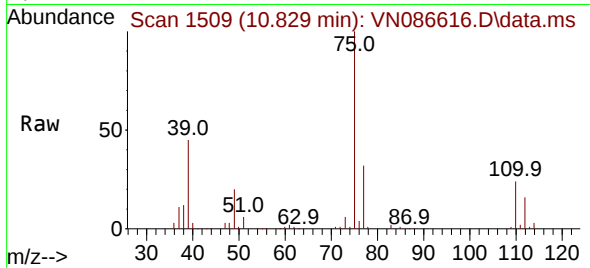
Tgt Ion: 92 Resp: 319103
Ion Ratio Lower Upper
92 100
91 171.7 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 58.188 ug/l
RT: 10.829 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

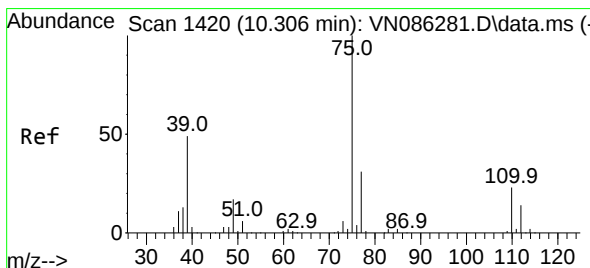
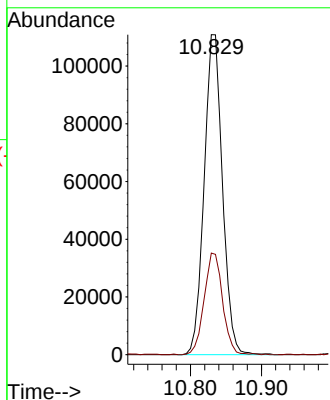
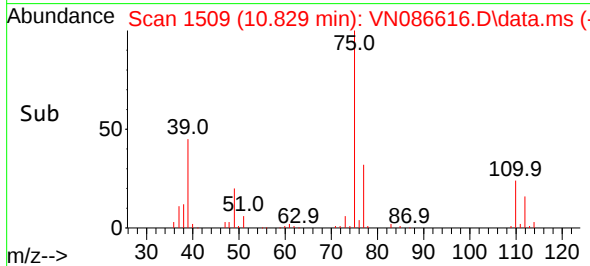
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 19900
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

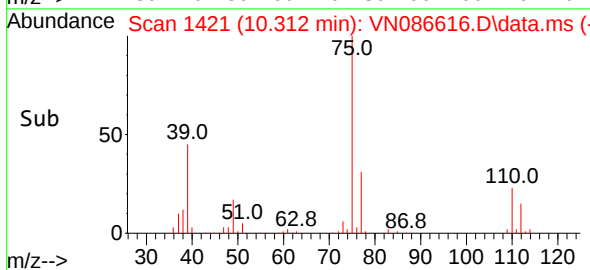
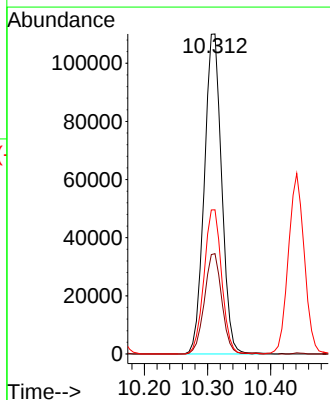
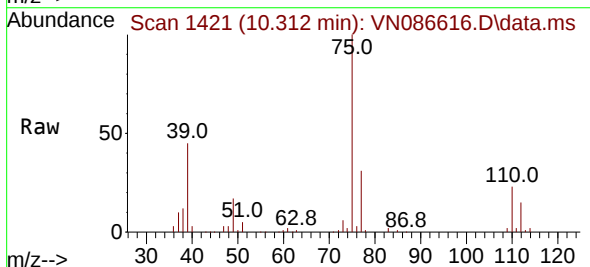
Manual Integrations
APPROVED

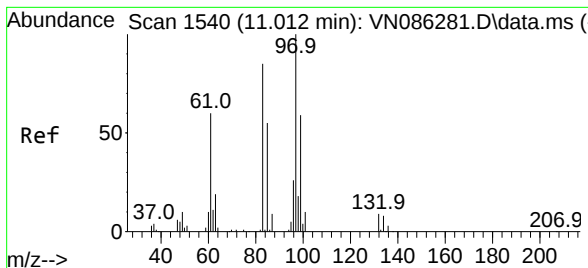
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#54
cis-1,3-Dichloropropene
Concen: 55.967 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

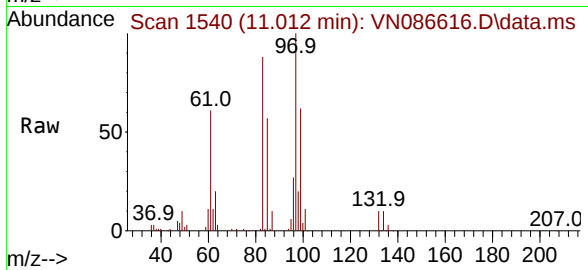
Tgt Ion: 75 Resp: 210236
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 45.0 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 59.142 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

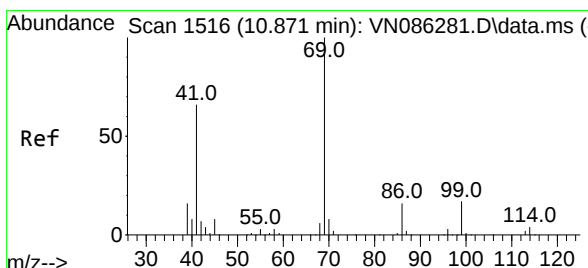
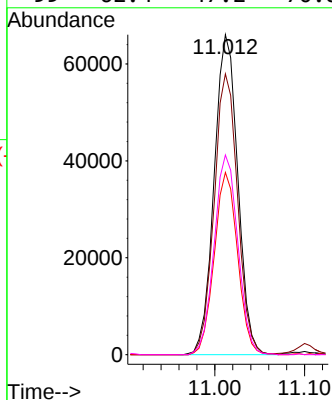
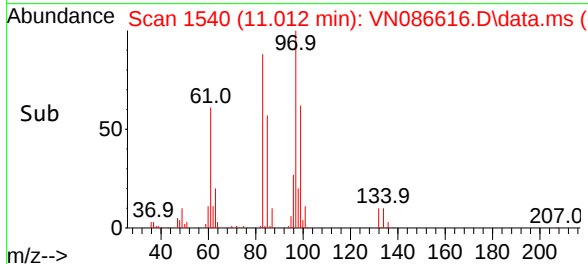
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



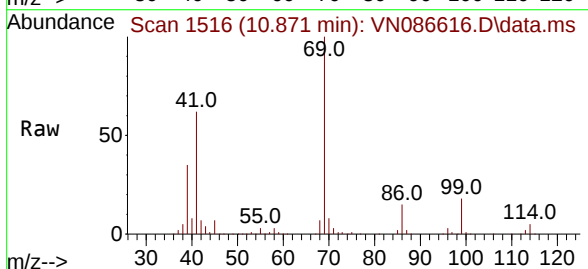
Tgt Ion:	97	Resp:	120762
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.4	102.6
85	57.0	43.9	65.9
99	62.4	47.2	70.8

Manual Integrations
APPROVED

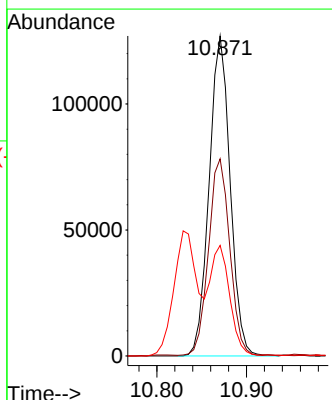
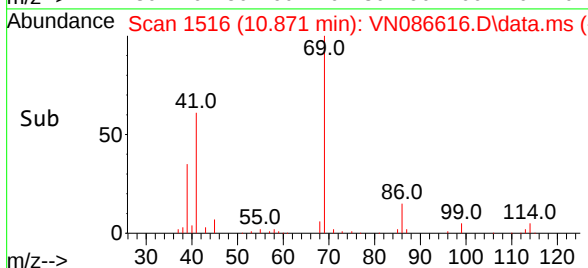
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

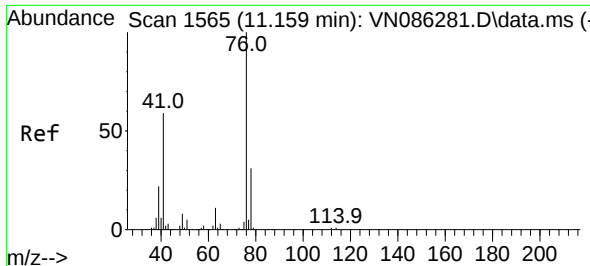


#56
Ethyl methacrylate
Concen: 55.040 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35



Tgt Ion:	69	Resp:	206586
Ion	Ratio	Lower	Upper
69	100		
41	62.0	51.7	77.5
39	32.0	26.3	39.5





#57

1,3-Dichloropropane

Concen: 59.489 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086616.D

Acq: 14 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 215520

Ion Ratio Lower Upper

76 100

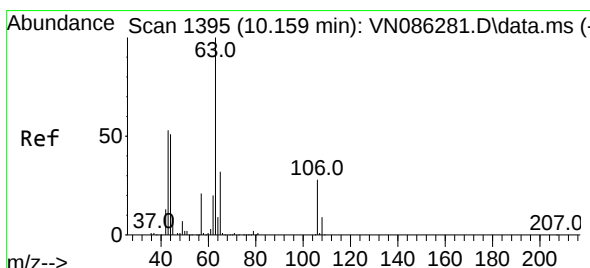
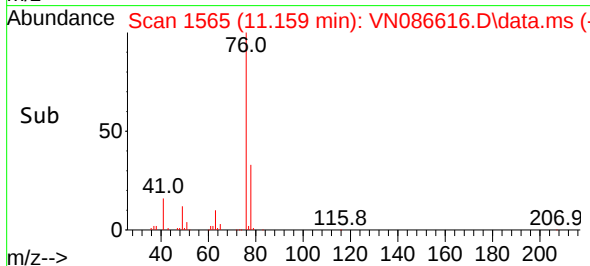
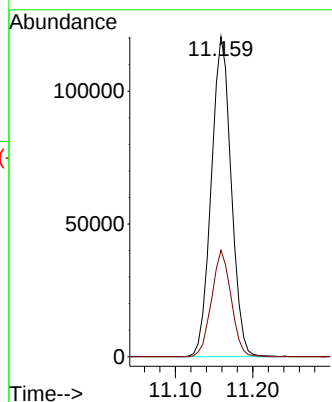
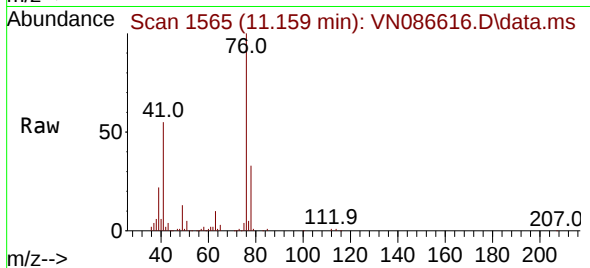
78 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#58

2-Chloroethyl Vinyl ether

Concen: 366.723 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086616.D

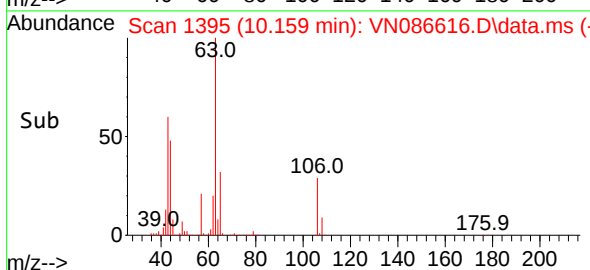
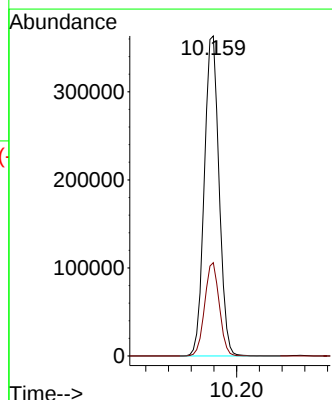
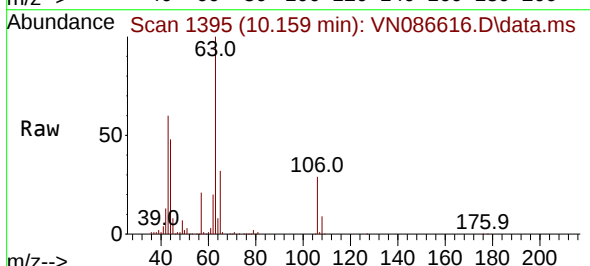
Acq: 14 May 2025 10:35

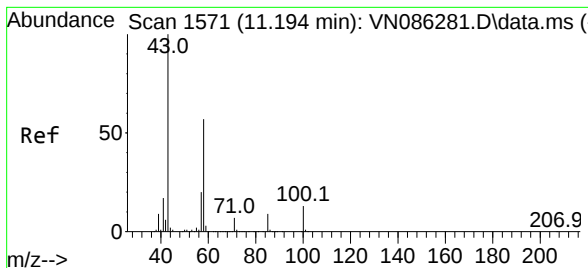
Tgt Ion: 63 Resp: 653305

Ion Ratio Lower Upper

63 100

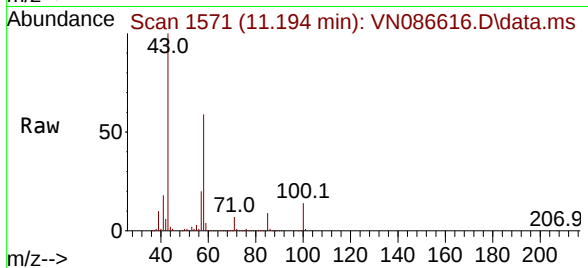
106 28.8 22.2 33.2





#59
2-Hexanone
Concen: 259.808 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

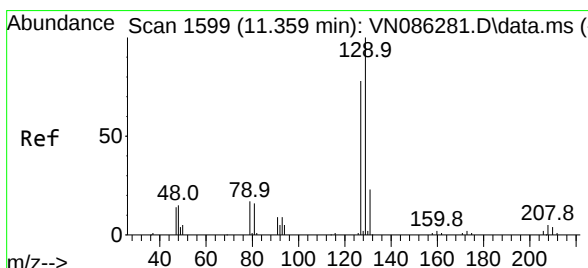
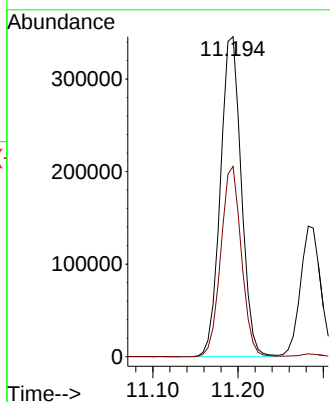
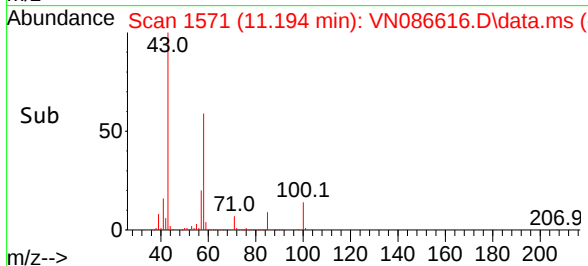
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 589770
Ion Ratio Lower Upper
43 100
58 58.6 28.3 85.0

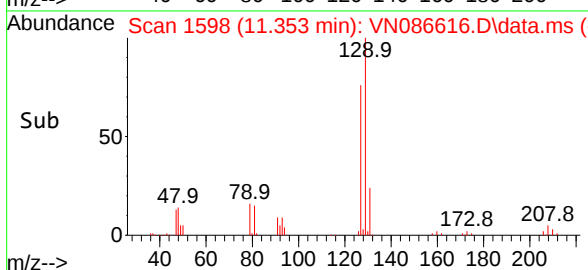
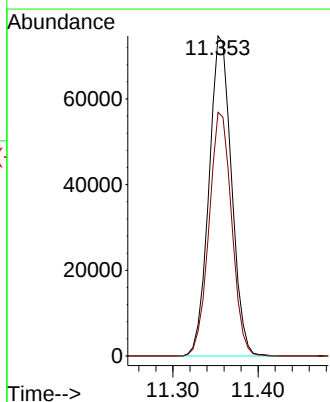
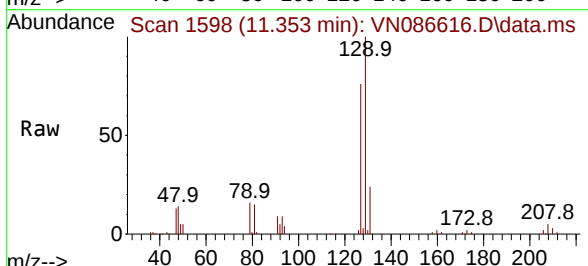
Manual Integrations
APPROVED

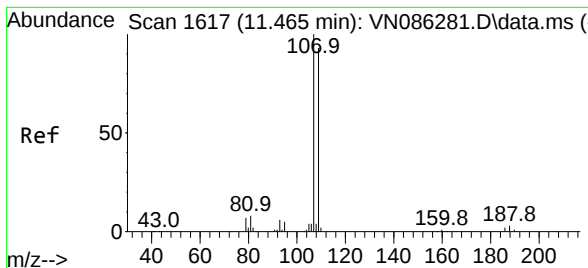
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#60
Dibromochloromethane
Concen: 61.187 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Tgt Ion:129 Resp: 137195
Ion Ratio Lower Upper
129 100
127 76.4 38.7 116.1





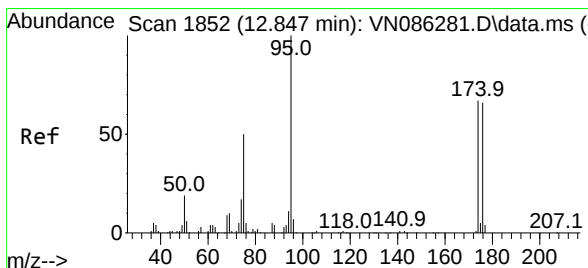
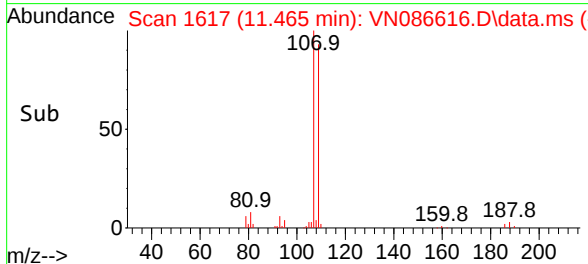
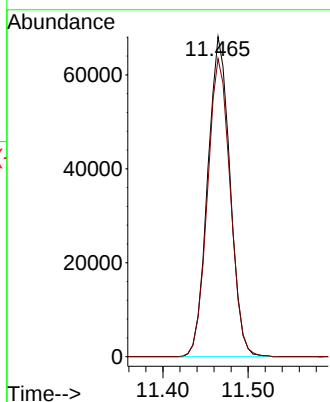
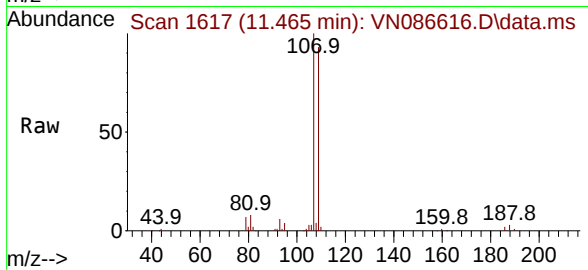
#61
1,2-Dibromoethane
Concen: 60.304 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 124248
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.0

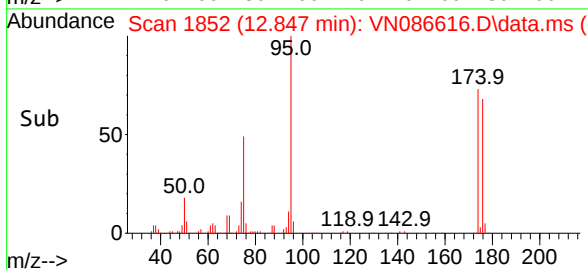
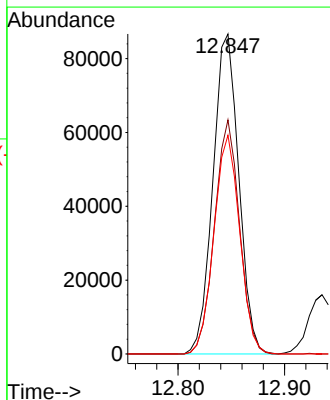
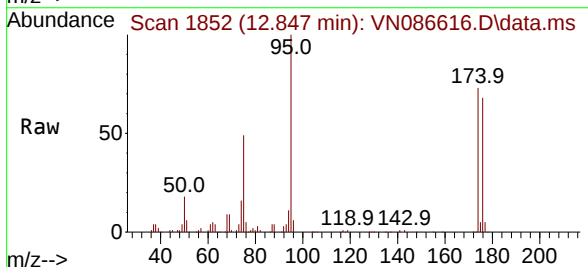
Manual Integrations
APPROVED

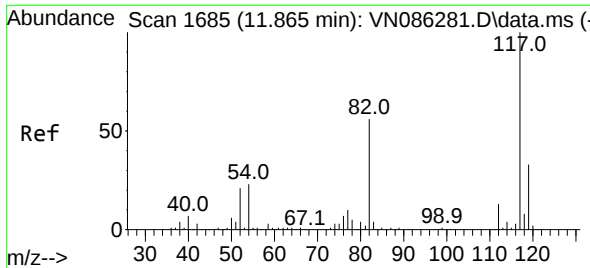
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#62
4-Bromofluorobenzene
Concen: 52.693 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

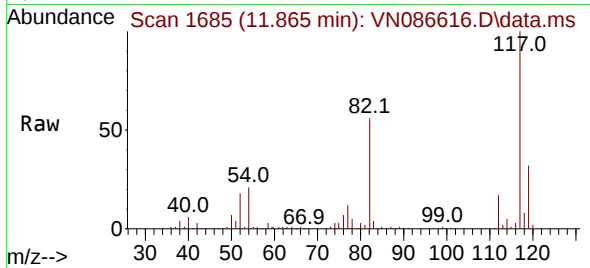
Tgt Ion: 95 Resp: 145991
Ion Ratio Lower Upper
95 100
174 70.8 0.0 133.4
176 68.1 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

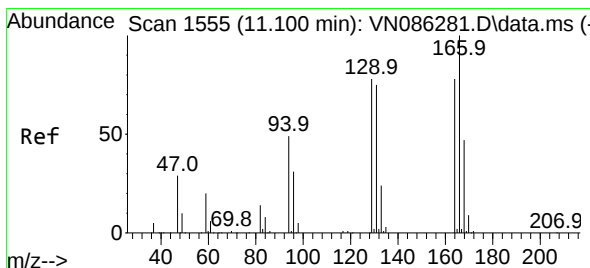
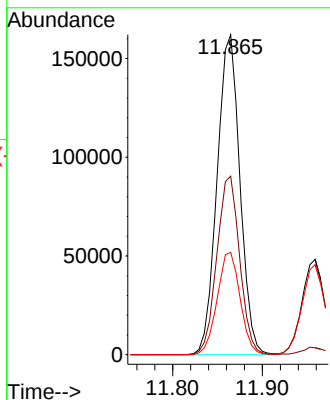
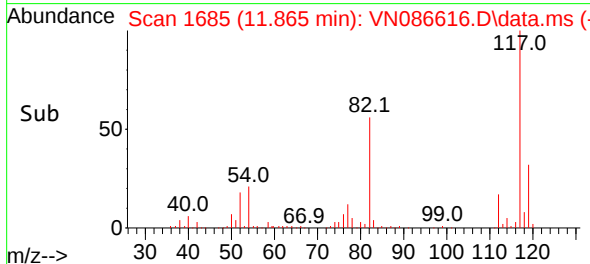
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 28681
Ion Ratio Lower Upper
117 100
82 55.8 44.7 67.1
119 32.0 26.4 39.6

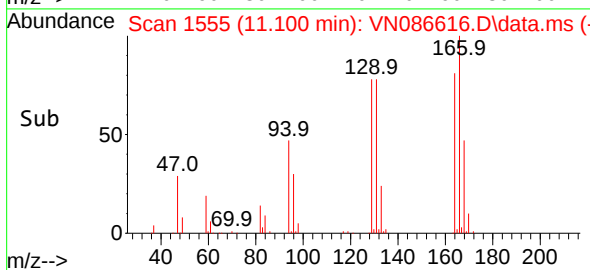
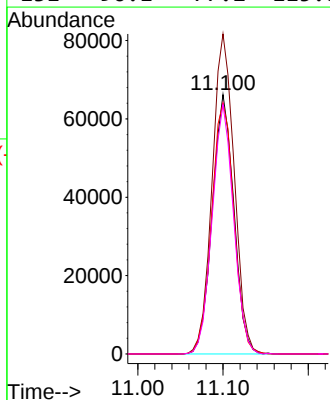
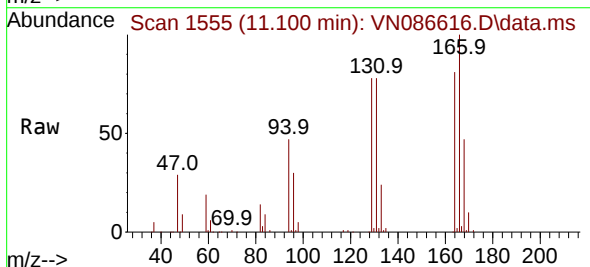
Manual Integrations
APPROVED

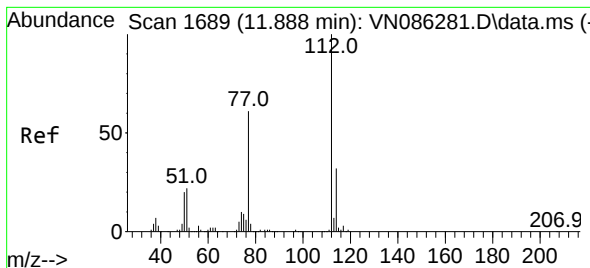
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#64
Tetrachloroethene
Concen: 52.832 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

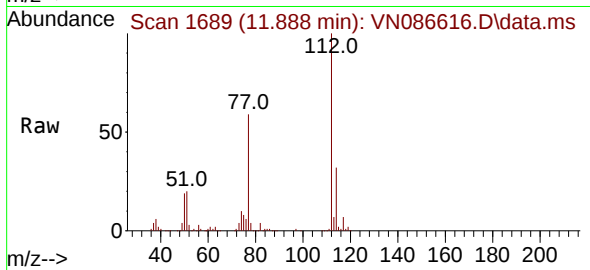
Tgt Ion:164 Resp: 116556
Ion Ratio Lower Upper
164 100
166 123.3 103.0 154.4
129 96.8 80.1 120.1
131 96.1 77.2 115.8





#65
Chlorobenzene
Concen: 55.628 ug/l
RT: 11.888 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

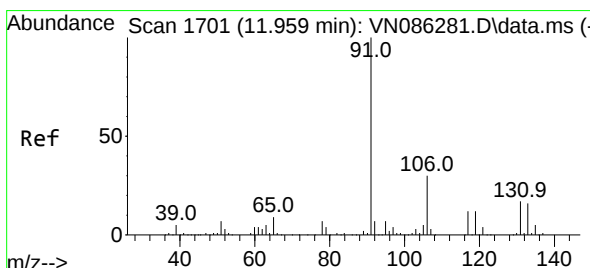
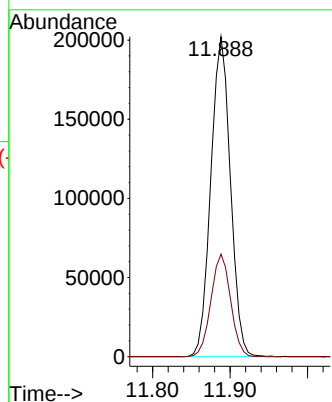
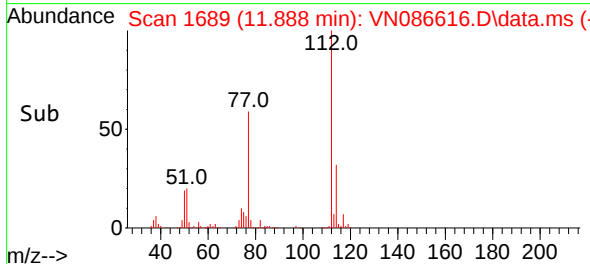
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



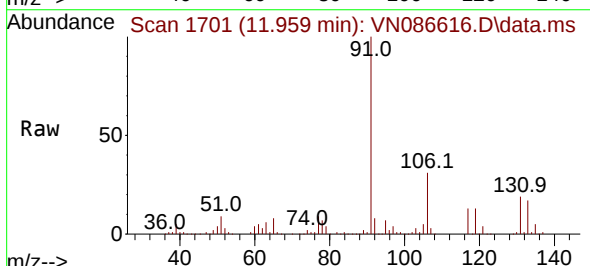
Tgt Ion:112 Resp: 356054
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

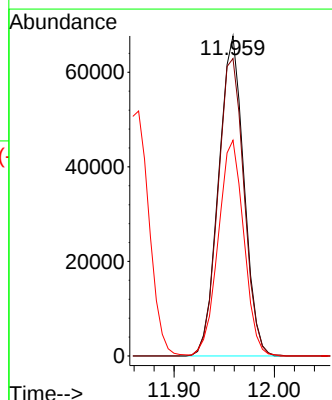
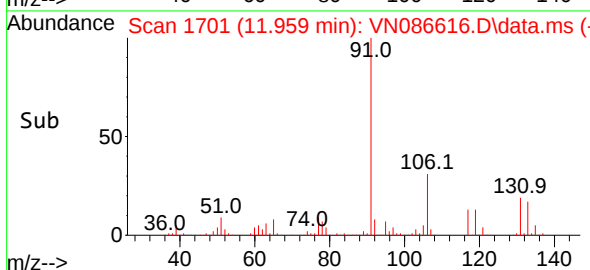
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

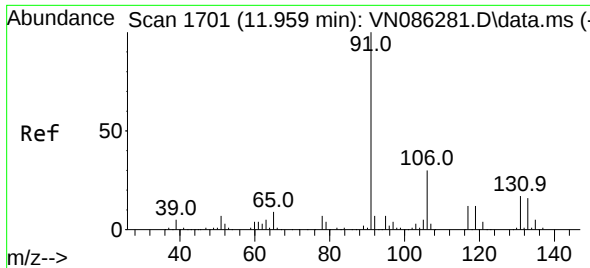


#66
1,1,1,2-Tetrachloroethane
Concen: 56.148 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35



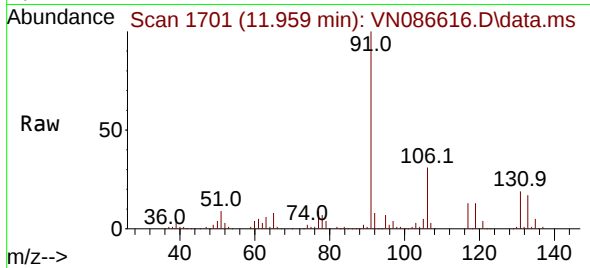
Tgt Ion:131 Resp: 118560
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.3
119 68.2 33.8 101.4





#67
Ethyl Benzene
Concen: 52.799 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

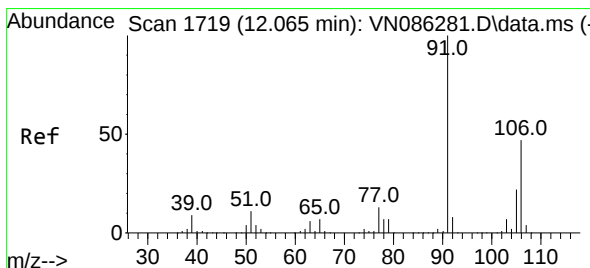
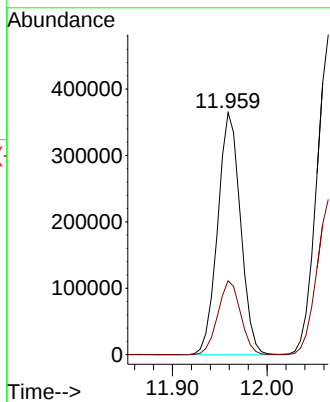
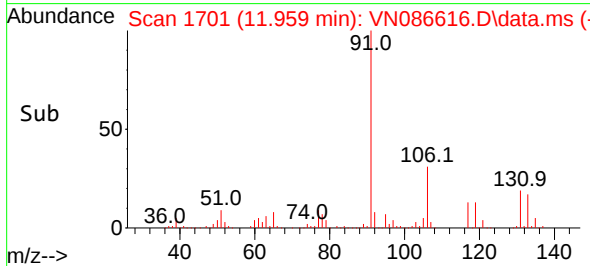
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



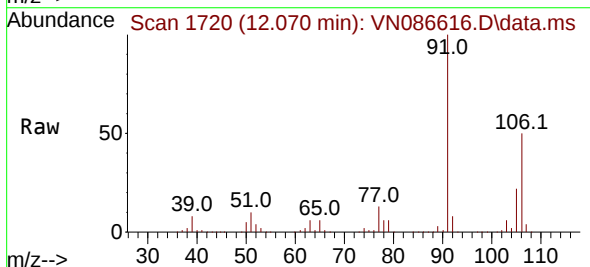
Tgt Ion: 91 Resp: 609832
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5

Manual Integrations
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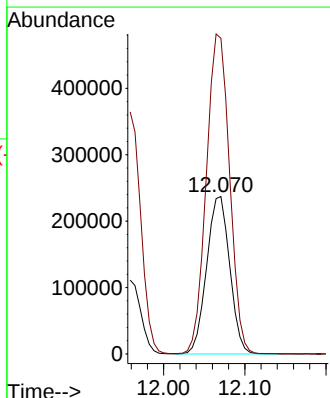
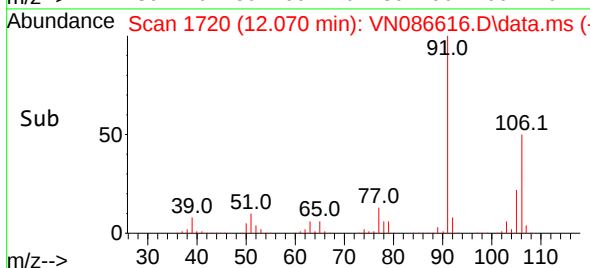
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

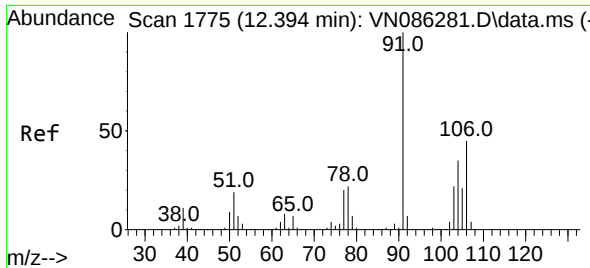


#68
m/p-Xylenes
Concen: 108.150 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35



Tgt Ion:106 Resp: 468051
Ion Ratio Lower Upper
106 100
91 205.1 166.5 249.7





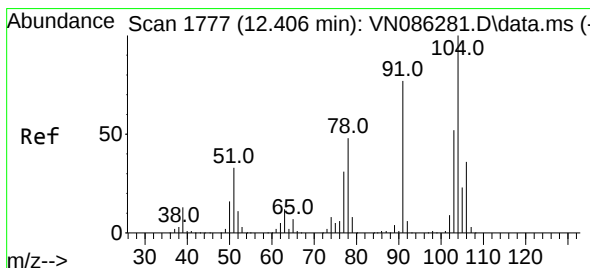
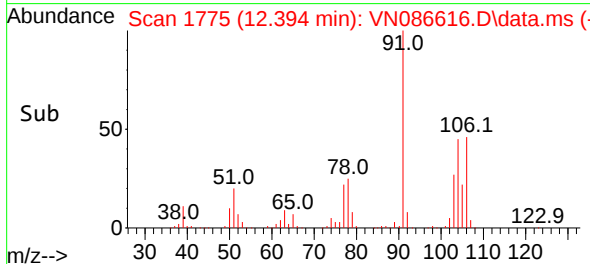
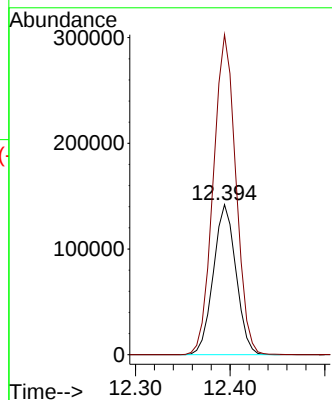
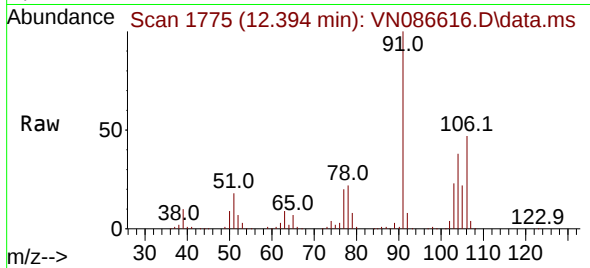
#69
o-Xylene
Concen: 55.118 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 23590
Ion Ratio Lower Upper
106 100
91 213.2 109.7 329.0

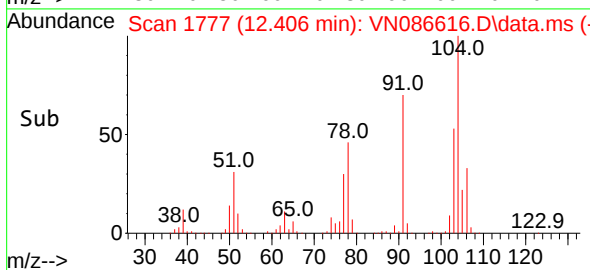
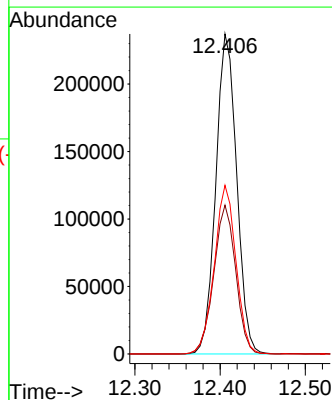
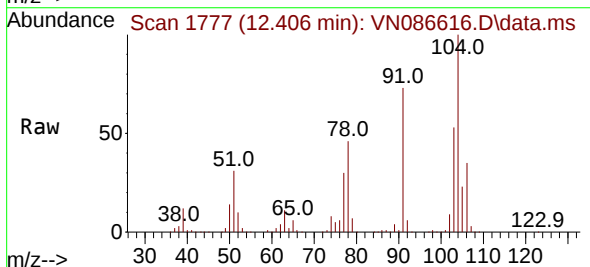
Manual Integrations
APPROVED

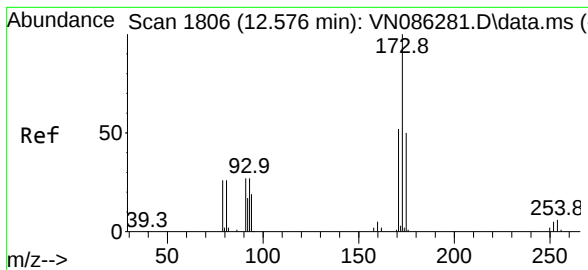
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#70
Styrene
Concen: 56.618 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

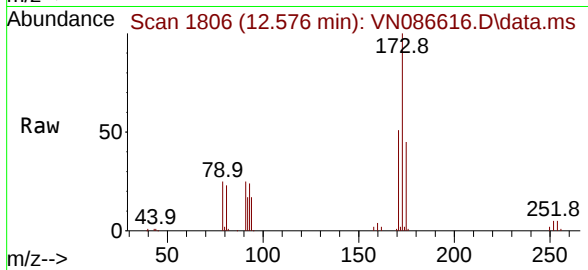
Tgt Ion:104 Resp: 403757
Ion Ratio Lower Upper
104 100
78 48.9 40.6 61.0
103 54.8 43.6 65.4





#71
Bromoform
Concen: 57.451 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

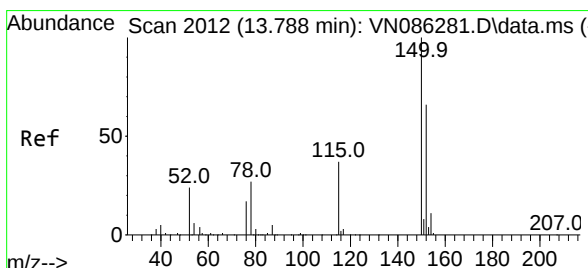
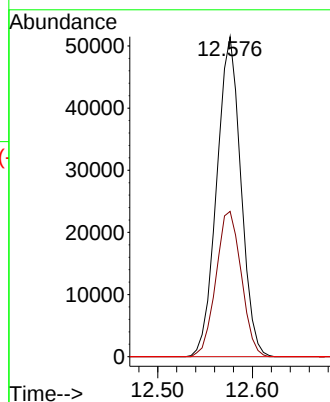
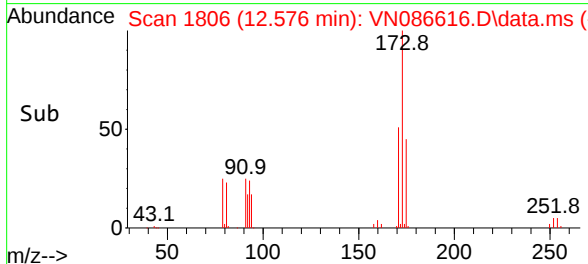
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



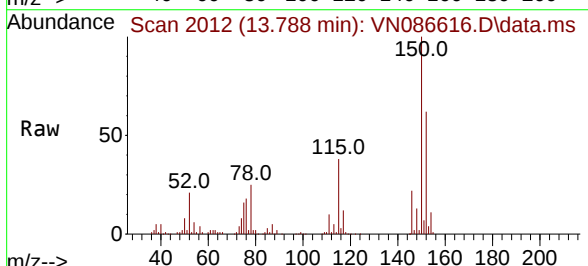
Tgt Ion:173 Resp: 91334
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

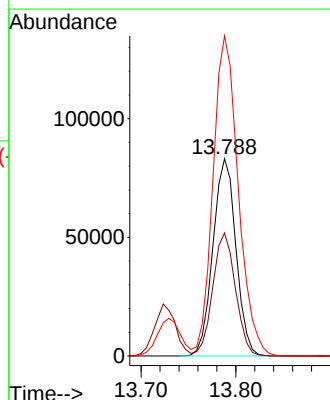
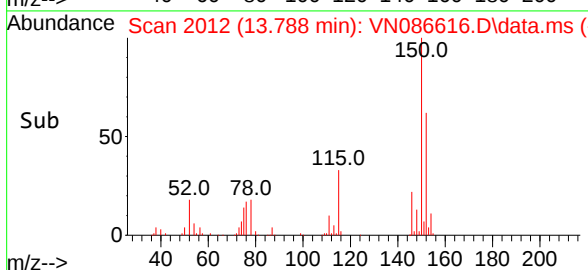
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

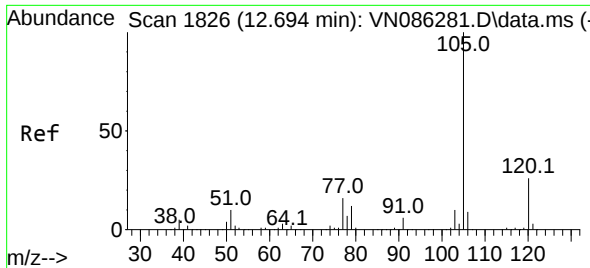


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35



Tgt Ion:152 Resp: 139895
Ion Ratio Lower Upper
152 100
115 61.7 31.9 95.9
150 178.5 0.0 352.0





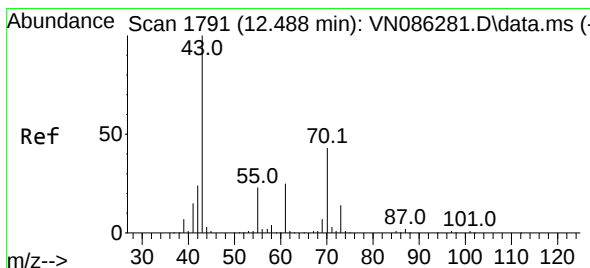
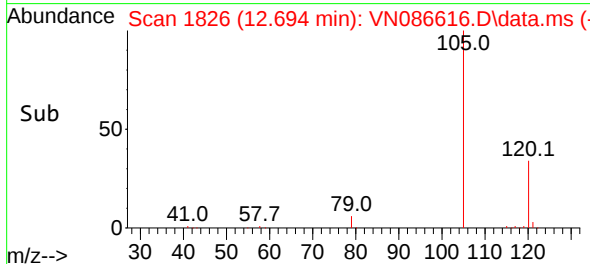
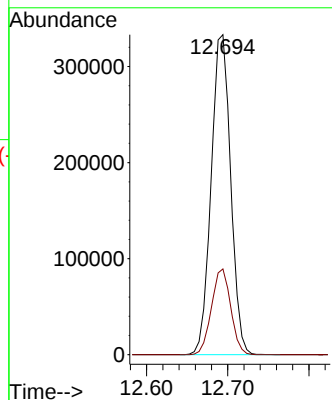
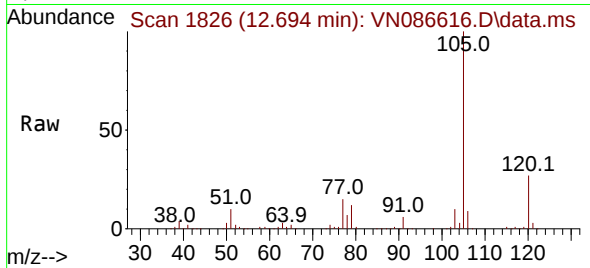
#73
Isopropylbenzene
Concen: 48.549 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 555570
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

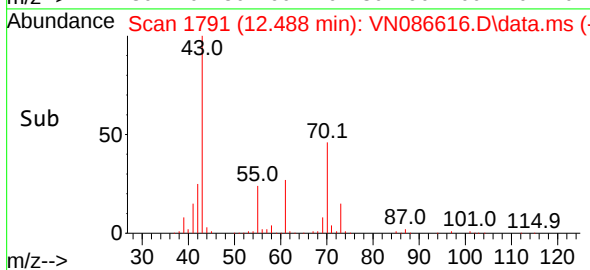
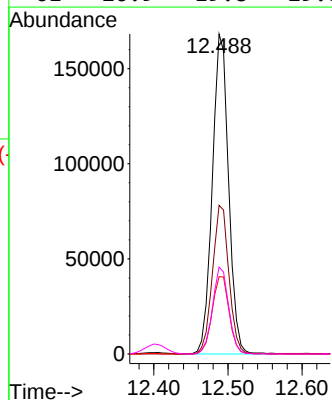
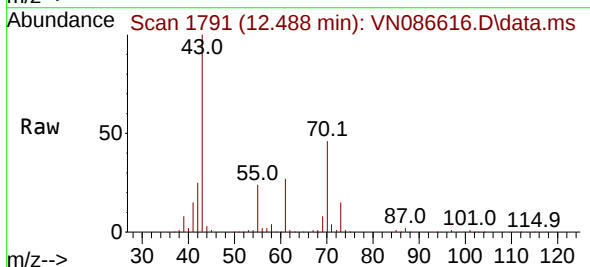
Manual Integrations
APPROVED

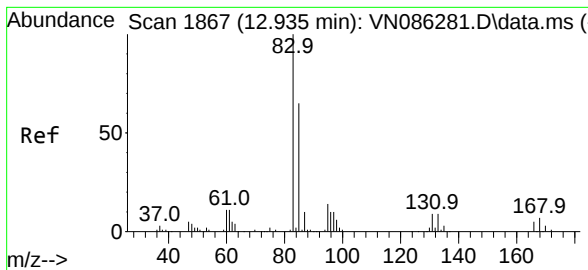
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#74
N-ethyl acetate
Concen: 45.030 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

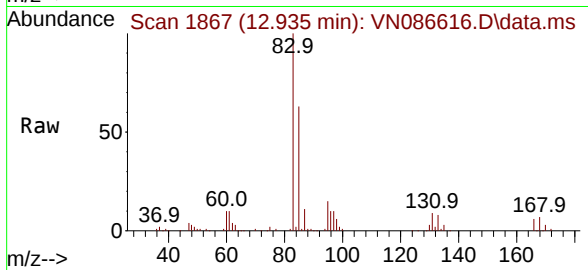
Tgt Ion: 43 Resp: 256535
Ion Ratio Lower Upper
43 100
70 46.9 35.0 52.4
55 25.2 19.0 28.4
61 26.9 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 53.245 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

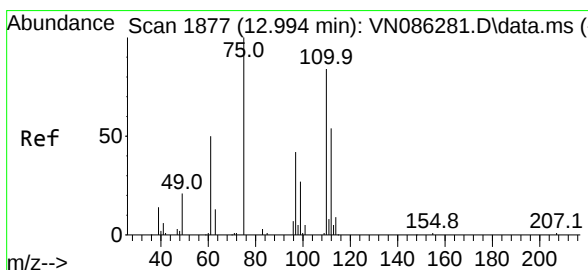
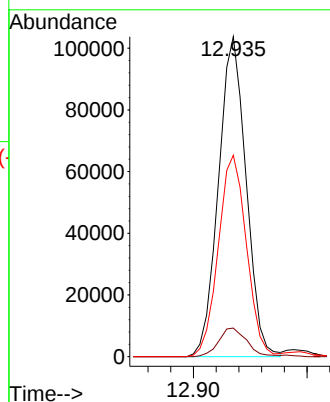
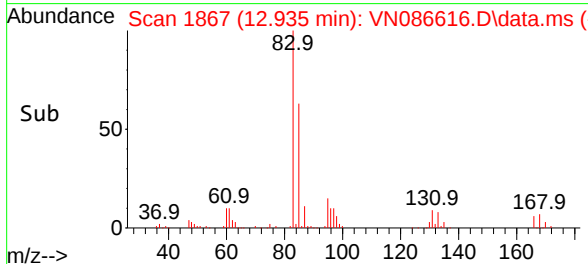
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



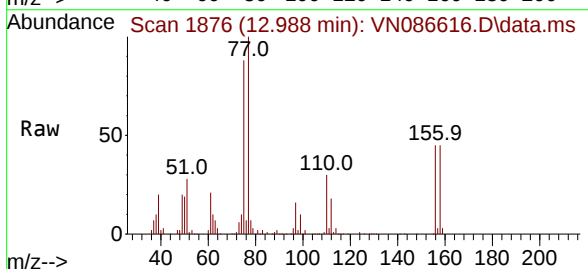
Tgt Ion: 83 Resp: 17519
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.1
85 64.2 32.7 98.1

Manual Integrations
APPROVED

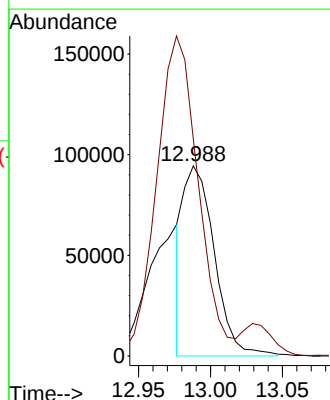
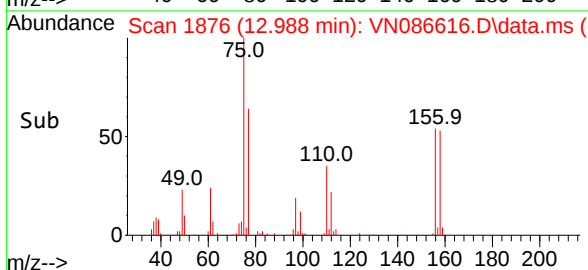
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#76
1,2,3-Trichloropropane
Concen: 43.103 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35



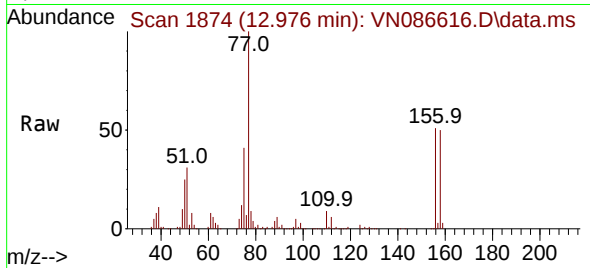
Tgt Ion: 75 Resp: 142296
Ion Ratio Lower Upper
75 100
77 225.4 98.8 296.4





#77
Bromobenzene
Concen: 55.730 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

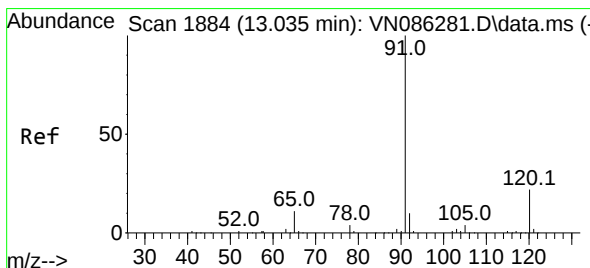
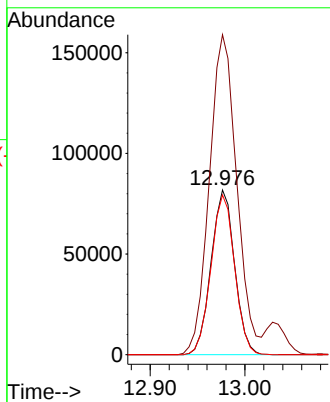
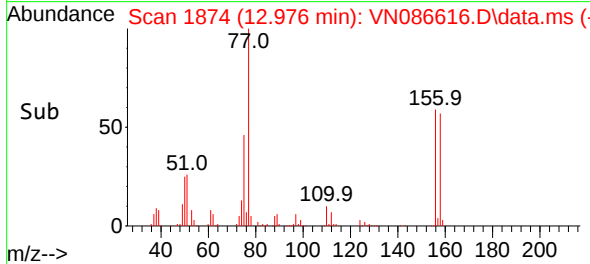
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



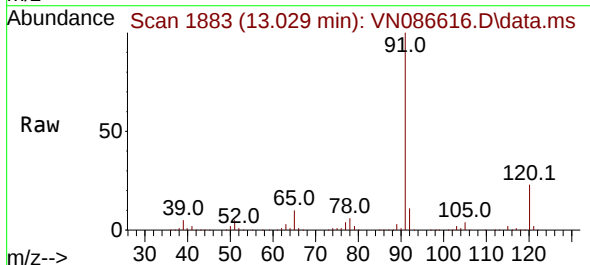
Tgt Ion:156 Resp: 141310
Ion Ratio Lower Upper
156 100
77 226.9 121.1 363.1
158 97.5 47.9 143.6

Manual Integrations
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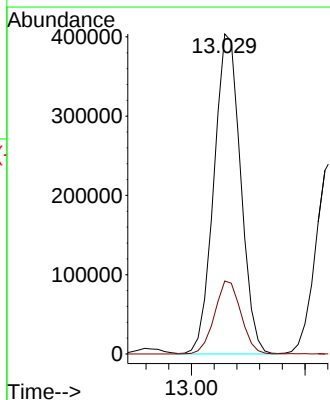
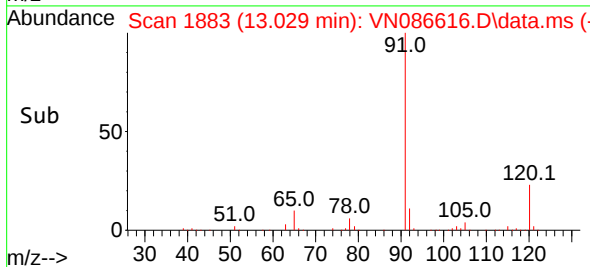
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

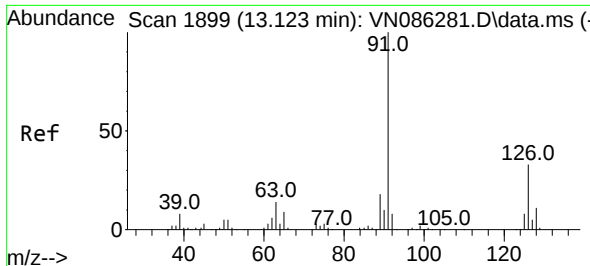


#78
n-propylbenzene
Concen: 48.914 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35



Tgt Ion: 91 Resp: 659597
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.3





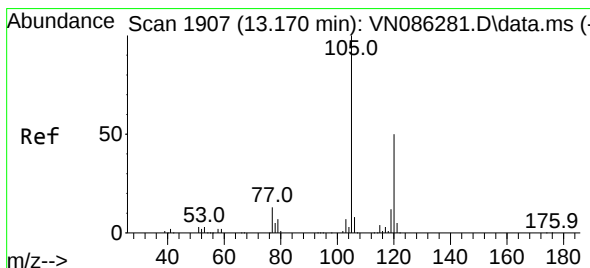
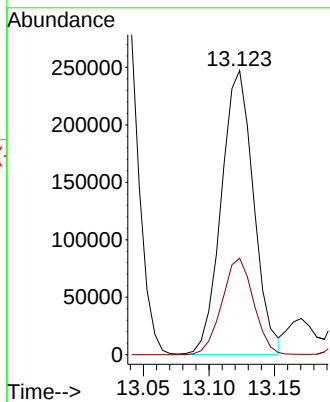
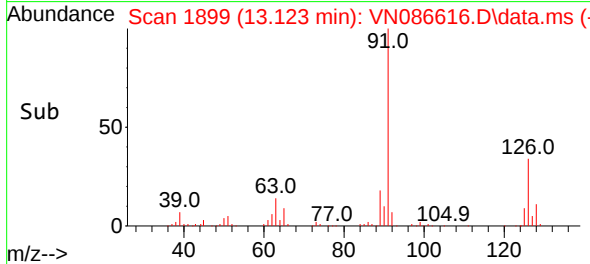
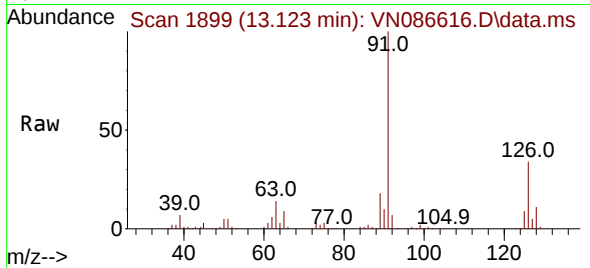
#79
2-Chlorotoluene
Concen: 50.236 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 42389
Ion Ratio Lower Upper
91 100
126 33.3 16.1 48.2

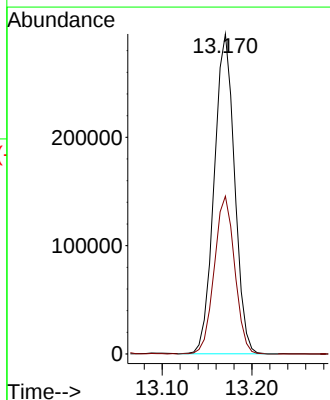
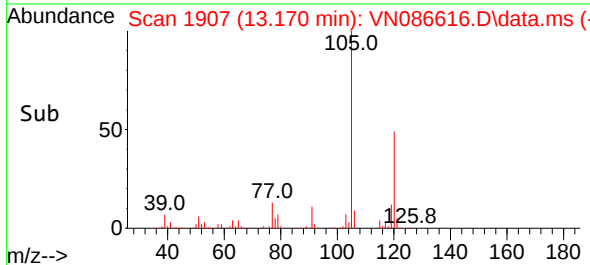
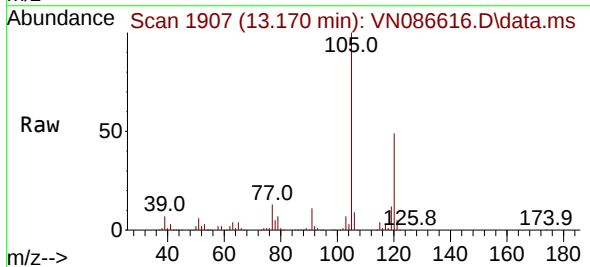
Manual Integrations
APPROVED

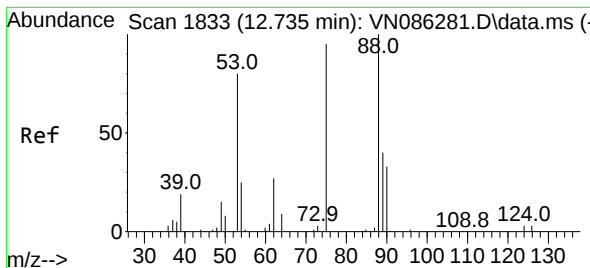
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.683 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Tgt Ion:105 Resp: 465350
Ion Ratio Lower Upper
105 100
120 49.4 24.5 73.5





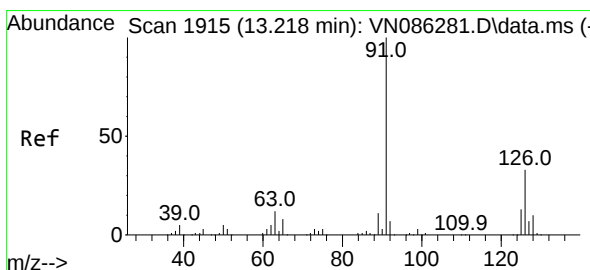
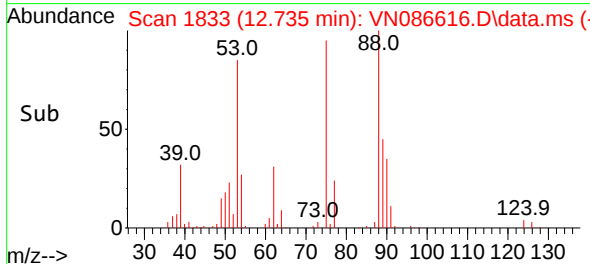
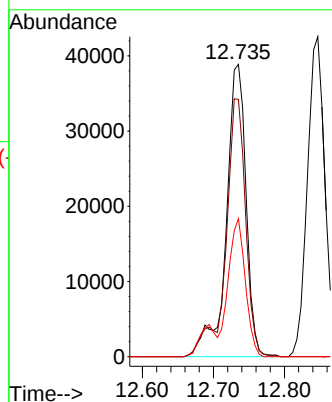
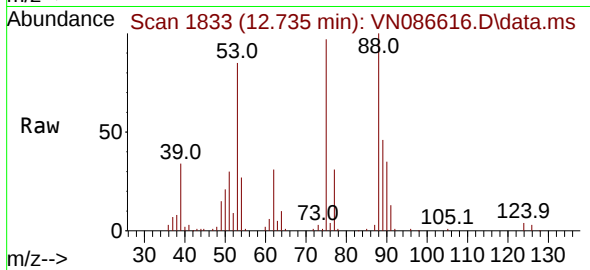
#81
trans-1,4-Dichloro-2-butene
Concen: 54.878 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 75436
Ion Ratio Lower Upper
75 100
53 88.4 79.2 118.8
89 40.5 35.7 53.5

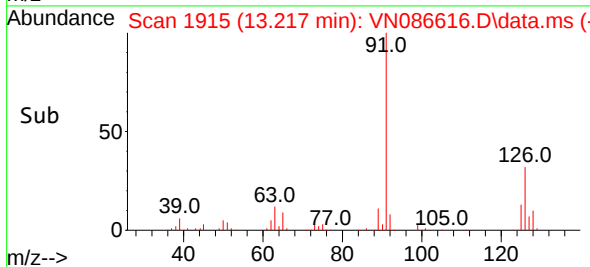
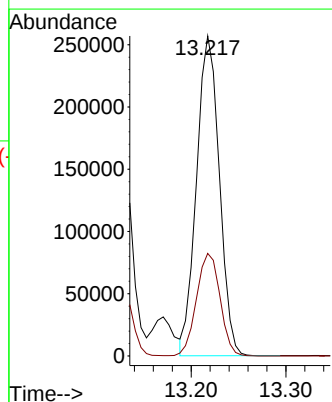
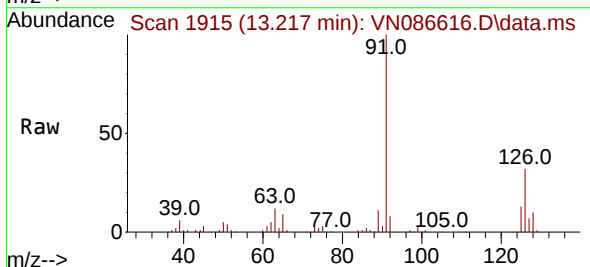
Manual Integrations
APPROVED

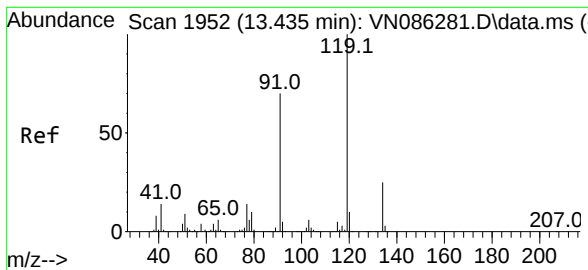
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#82
4-Chlorotoluene
Concen: 51.260 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Tgt Ion: 91 Resp: 429666
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.6





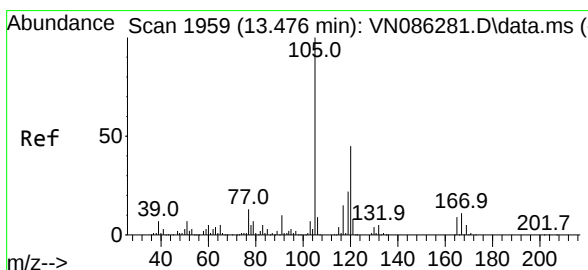
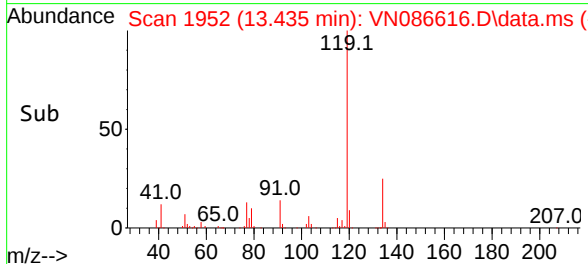
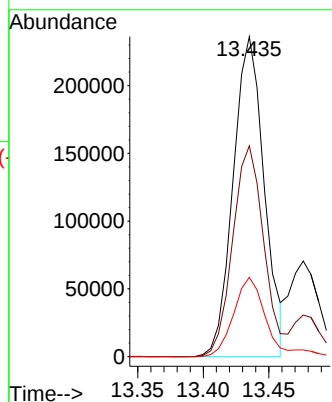
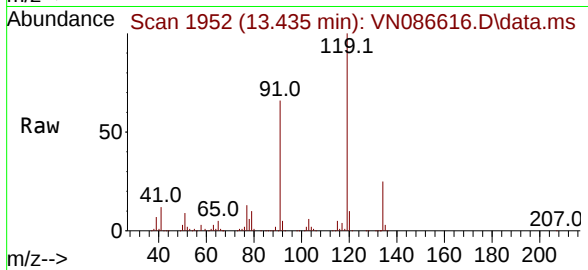
#83
tert-Butylbenzene
Concen: 47.960 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 389233
Ion Ratio Lower Upper
119 100
91 66.7 34.4 103.3
134 26.1 13.0 39.0

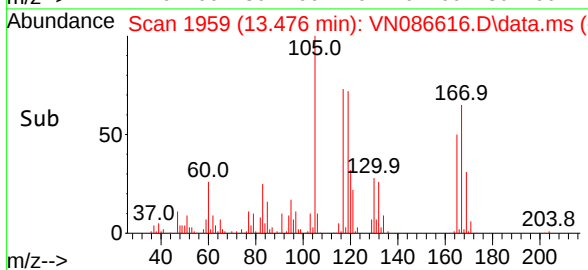
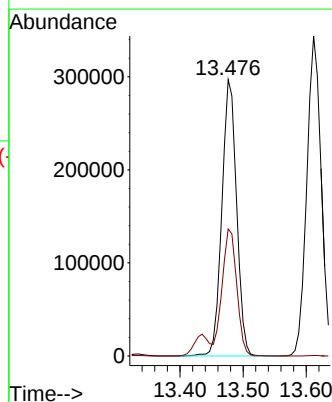
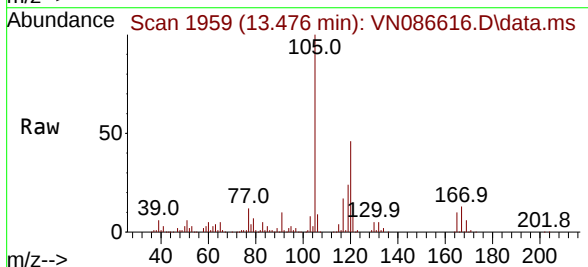
Manual Integrations
APPROVED

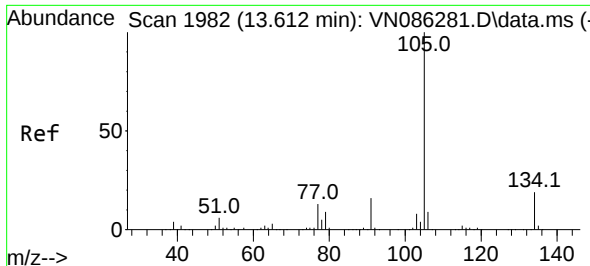
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#84
1,2,4-Trimethylbenzene
Concen: 50.427 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

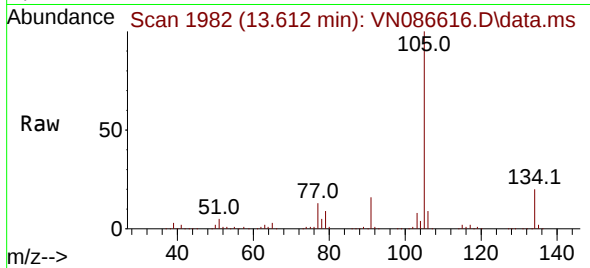
Tgt Ion:105 Resp: 480773
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 48.340 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086616.D
 Acq: 14 May 2025 10:35

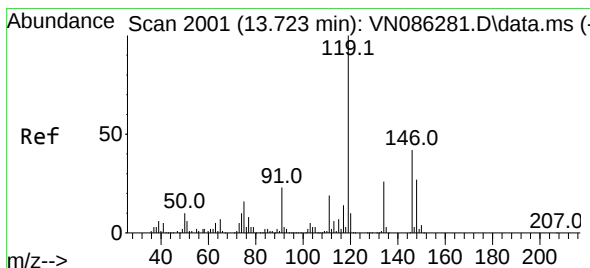
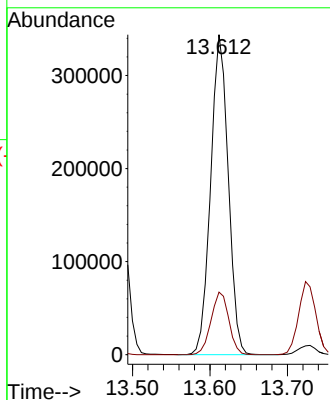
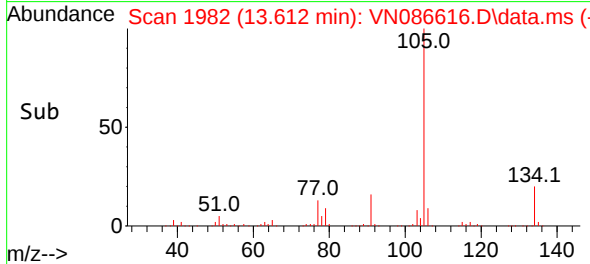
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



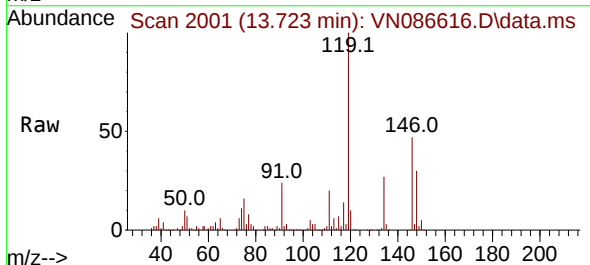
Tgt Ion:105 Resp: 544160
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 29.1

Manual Integrations
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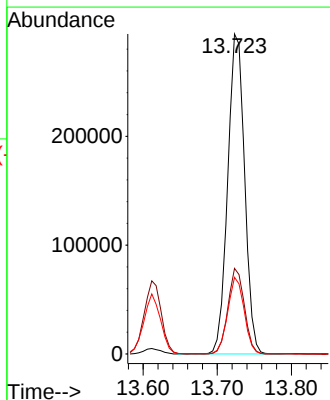
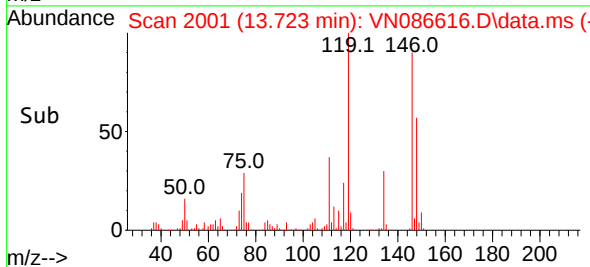
Reviewed By :John Carlone 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025



#86
 p-Isopropyltoluene
 Concen: 50.165 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086616.D
 Acq: 14 May 2025 10:35



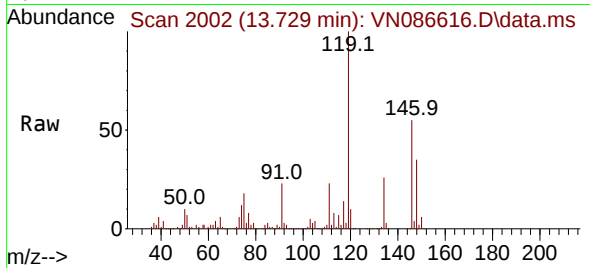
Tgt Ion:119 Resp: 465467
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.2 11.9 35.9





#87
 1,3-Dichlorobenzene
 Concen: 54.721 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086616.D
 Acq: 14 May 2025 10:35

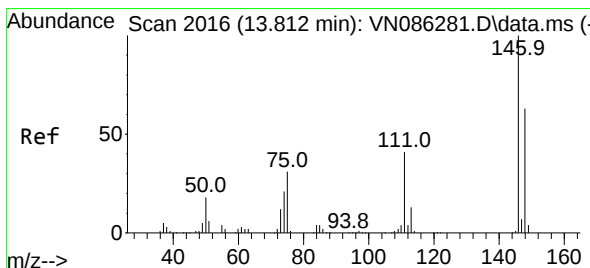
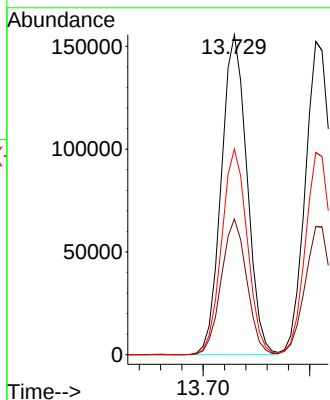
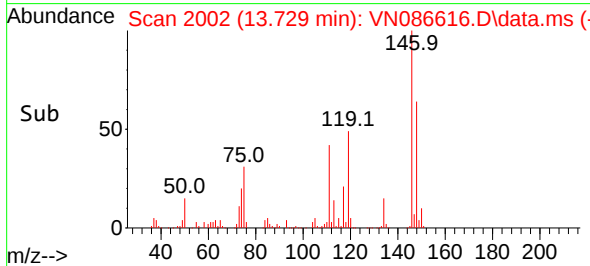
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



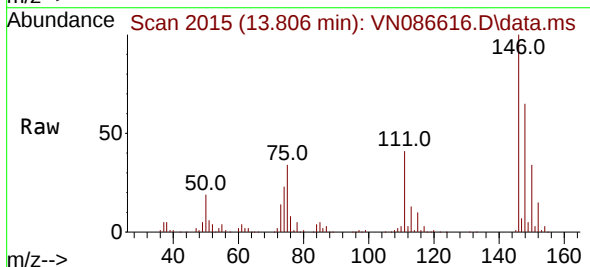
Tgt Ion:146 Resp: 26083
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.9 65.7
 148 64.1 31.9 95.5

Manual Integrations
 APPROVED

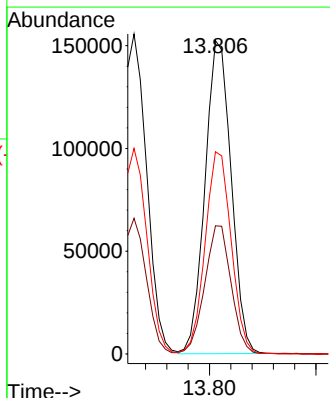
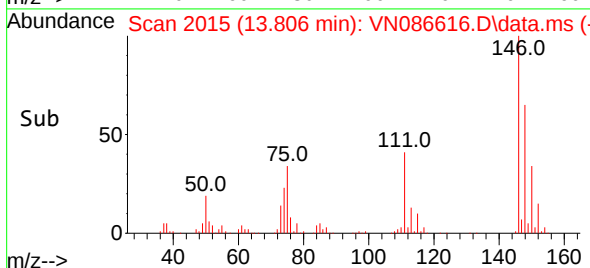
Reviewed By :John Carlone 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025

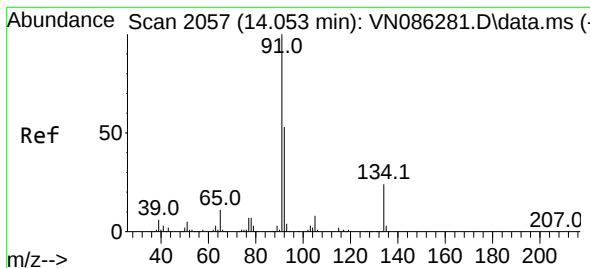


#88
 1,4-Dichlorobenzene
 Concen: 54.197 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN086616.D
 Acq: 14 May 2025 10:35



Tgt Ion:146 Resp: 260199
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.3 63.9
 148 64.3 31.9 95.9





#89

n-Butylbenzene

Concen: 49.375 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086616.D

Acq: 14 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

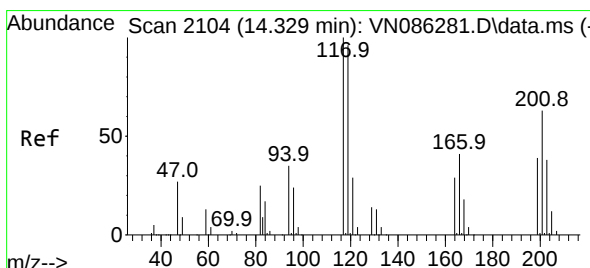
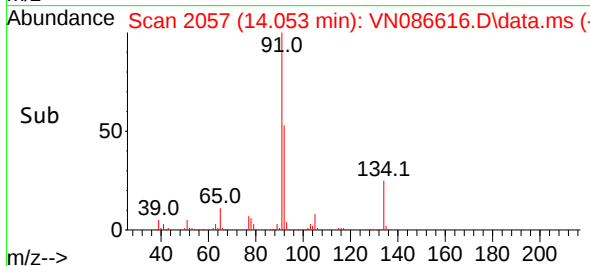
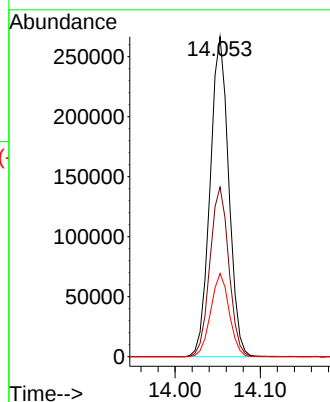
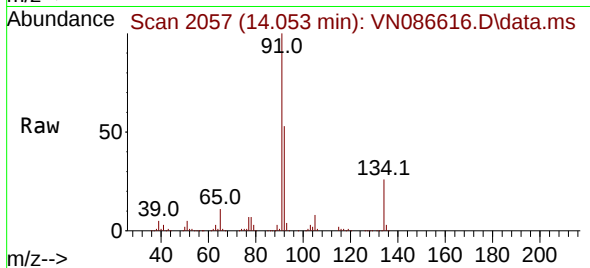
Tgt Ion:	91	Resp:	40607
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.8	80.4
134	25.8	12.2	36.6

Manual Integrations

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Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#90

Hexachloroethane

Concen: 50.322 ug/l

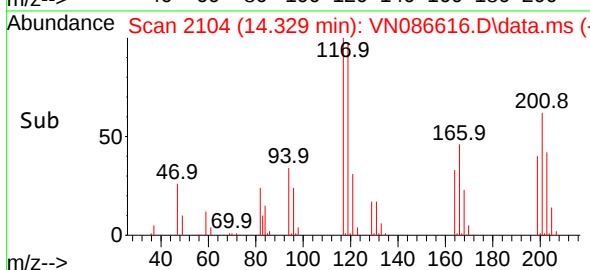
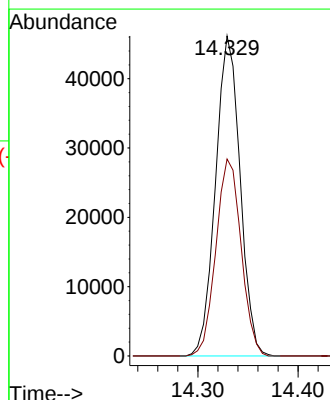
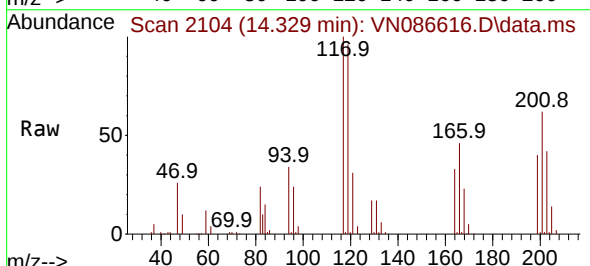
RT: 14.329 min Scan# 2104

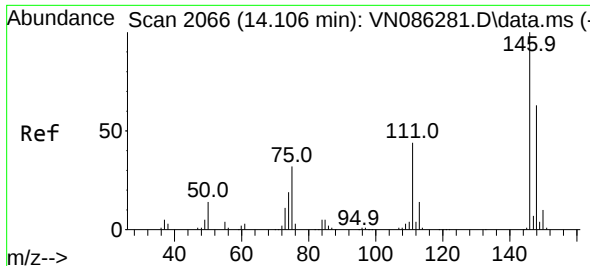
Delta R.T. -0.000 min

Lab File: VN086616.D

Acq: 14 May 2025 10:35

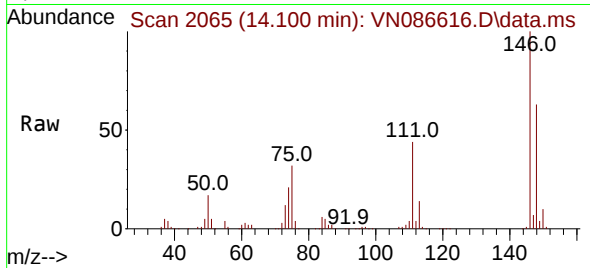
Tgt Ion:	117	Resp:	78538
Ion	Ratio	Lower	Upper
117	100		
201	63.1	31.4	94.2





#91
1,2-Dichlorobenzene
Concen: 54.195 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

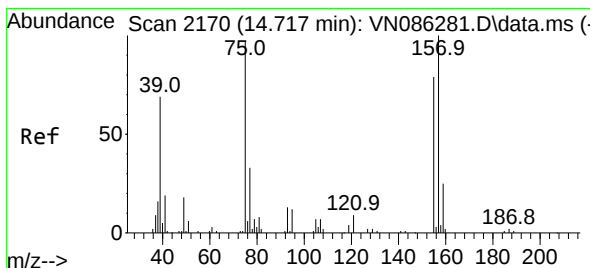
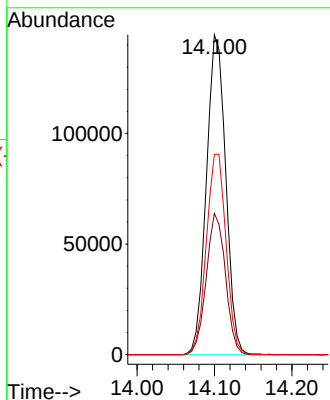
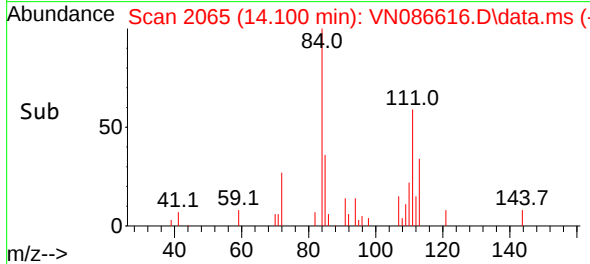
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



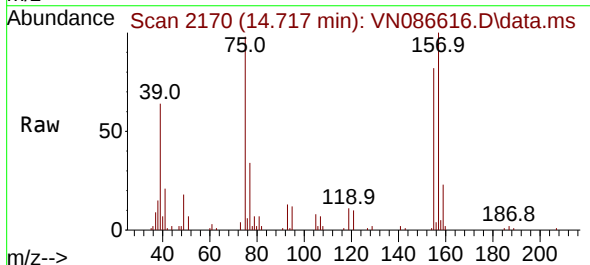
Tgt Ion:146 Resp: 250454
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.0
148 64.1 31.8 95.4

Manual Integrations
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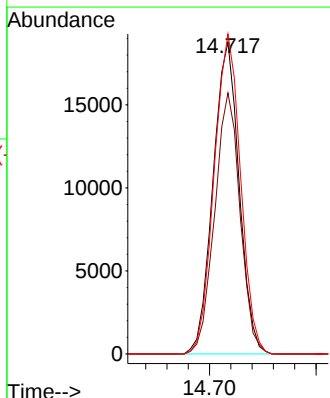
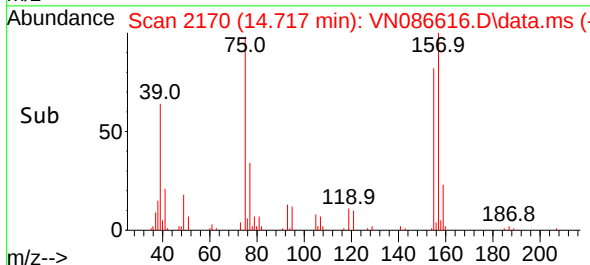
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

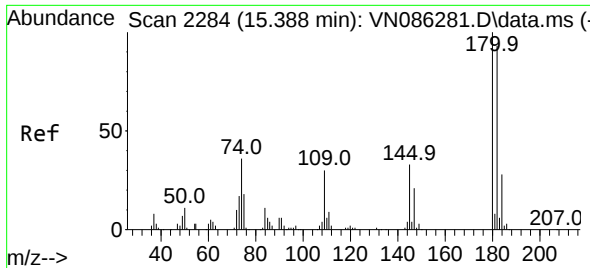


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.979 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35



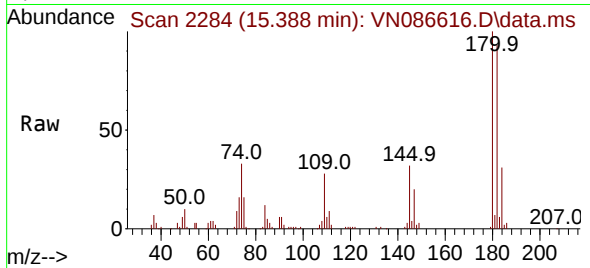
Tgt Ion: 75 Resp: 31832
Ion Ratio Lower Upper
75 100
155 81.8 40.3 120.9
157 104.1 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 54.331 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

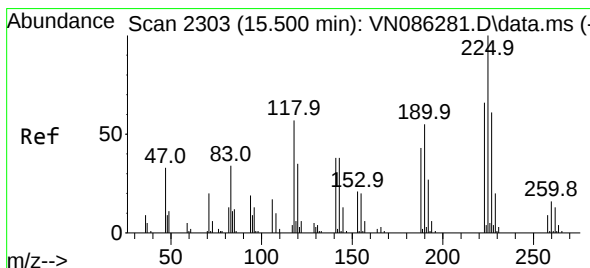
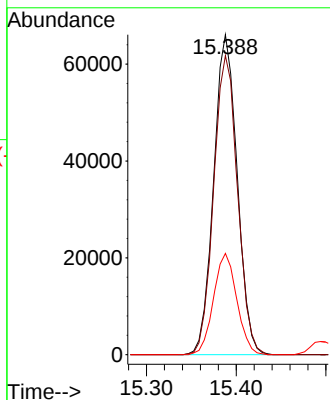
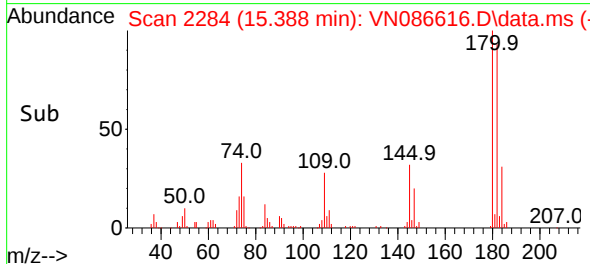
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



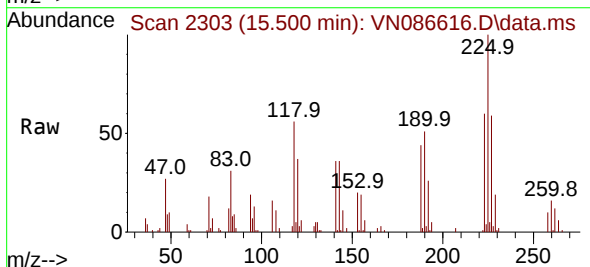
Tgt Ion:180 Resp: 120229
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.0
145 31.3 16.4 49.1

Manual Integrations
APPROVED

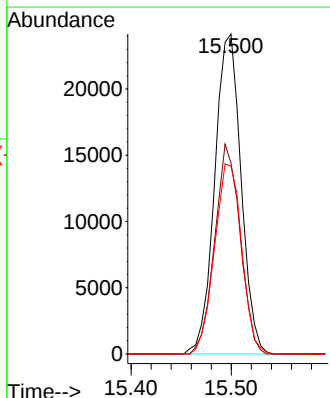
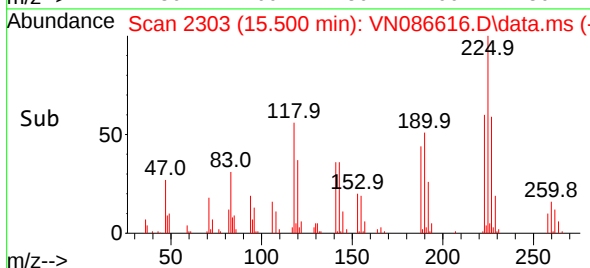
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

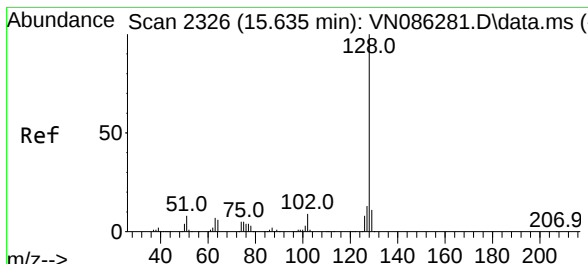


#94
Hexachlorobutadiene
Concen: 52.780 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35



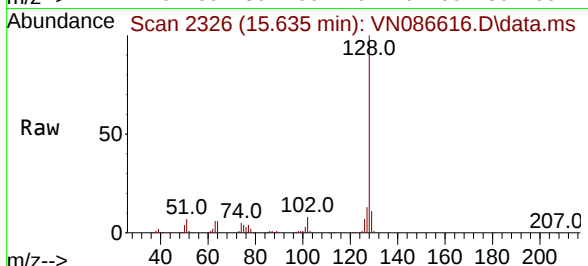
Tgt Ion:225 Resp: 44089
Ion Ratio Lower Upper
225 100
223 63.1 32.8 98.3
227 61.3 31.4 94.0





#95
Naphthalene
Concen: 50.987 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

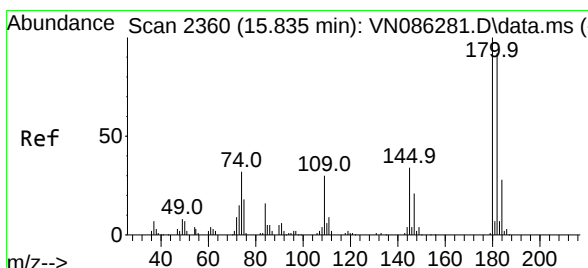
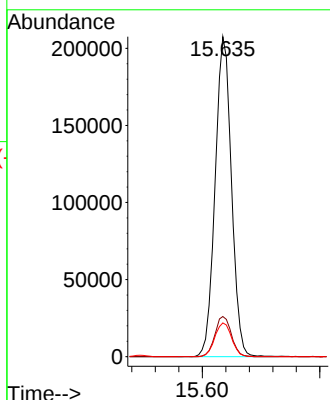
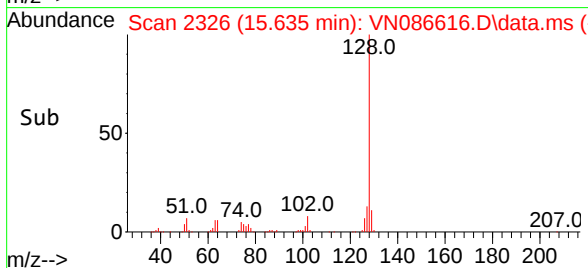
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 39996
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.6 13.0

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#96
1,2,3-Trichlorobenzene
Concen: 53.631 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086616.D
Acq: 14 May 2025 10:35

Tgt Ion:180 Resp: 112359
Ion Ratio Lower Upper
180 100
182 95.5 47.3 142.0
145 33.8 17.2 51.5

