

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086311.D
 Acq On : 16 Apr 2025 20:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 17 03:09:58 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 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	205270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	388169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	350303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	163466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156751	52.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.320%			
35) Dibromofluoromethane	8.165	113	88026	48.861	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.720%			
50) Toluene-d8	10.565	98	494105	51.318	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.847	95	181860	51.785	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	121185	49.802	ug/l	98
3) Chloromethane	2.359	50	165461	46.787	ug/l	99
4) Vinyl Chloride	2.512	62	160904	47.679	ug/l	99
5) Bromomethane	2.948	94	77718	51.198	ug/l	97
6) Chloroethane	3.112	64	103882	45.993	ug/l	99
7) Trichlorofluoromethane	3.495	101	182830	48.909	ug/l	96
8) Diethyl Ether	3.959	74	79382	48.643	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	108138	47.819	ug/l	99
10) Methyl Iodide	4.589	142	137119	55.152	ug/l	99
11) Tert butyl alcohol	5.518	59	135738	249.929	ug/l	100
12) 1,1-Dichloroethene	4.342	96	115219	47.690	ug/l	96
13) Acrolein	4.177	56	75432	300.929	ug/l	99
14) Allyl chloride	5.018	41	188529	43.896	ug/l	98
15) Acrylonitrile	5.718	53	331327	246.784	ug/l	100
16) Acetone	4.424	43	271572	264.208	ug/l	98
17) Carbon Disulfide	4.712	76	302189	41.773	ug/l	99
18) Methyl Acetate	5.018	43	170820	47.808	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	429948	48.412	ug/l	100
20) Methylene Chloride	5.271	84	132245	48.058	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	120209	47.591	ug/l	96
22) Diisopropyl ether	6.665	45	439673	47.059	ug/l	99
23) Vinyl Acetate	6.600	43	1515181	231.990	ug/l	99
24) 1,1-Dichloroethane	6.565	63	237872	48.253	ug/l	100
25) 2-Butanone	7.477	43	451355	243.610	ug/l	99
26) 2,2-Dichloropropane	7.488	77	186189	42.183	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	151682	48.383	ug/l	96
28) Bromochloromethane	7.812	49	103620	49.574	ug/l	98
29) Tetrahydrofuran	7.835	42	295983	238.895	ug/l	99
30) Chloroform	7.965	83	237539	49.052	ug/l	100
31) Cyclohexane	8.253	56	215483	44.670	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	205332	49.566	ug/l	99
36) 1,1-Dichloropropene	8.371	75	168120	46.722	ug/l	99
37) Ethyl Acetate	7.553	43	177831	46.942	ug/l	100
38) Carbon Tetrachloride	8.359	117	166943	48.718	ug/l	98
39) Methylcyclohexane	9.594	83	191505	44.776	ug/l	98
40) Benzene	8.600	78	545284	47.298	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	101233	46.108	ug/l	98
42) 1,2-Dichloroethane	8.671	62	174998	47.600	ug/l	100
43) Isopropyl Acetate	8.682	43	330482	48.681	ug/l	99
44) Trichloroethene	9.347	130	136608	49.993	ug/l	95
45) 1,2-Dichloropropane	9.618	63	134402	47.626	ug/l	99
46) Dibromomethane	9.706	93	88857	49.418	ug/l	97
47) Bromodichloromethane	9.882	83	189409	48.773	ug/l	99
48) Methyl methacrylate	9.677	41	153731	46.211	ug/l	97
49) 1,4-Dioxane	9.688	88	57797	1021.380	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	940616	242.476	ug/l	98
52) Toluene	10.629	92	345268	47.996	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	209194	48.257	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	222792	46.791	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	128000	49.455	ug/l	99
56) Ethyl methacrylate	10.871	69	230984	48.552	ug/l	99
57) 1,3-Dichloropropane	11.159	76	223996	48.779	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	524042	232.075	ug/l	99
59) 2-Hexanone	11.194	43	705369	245.147	ug/l	99
60) Dibromochloromethane	11.359	129	141277	49.709	ug/l	100
61) 1,2-Dibromoethane	11.465	107	130544	49.987	ug/l	99
64) Tetrachloroethene	11.100	164	131211	48.695	ug/l	98
65) Chlorobenzene	11.888	112	365246	46.721	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	124218	48.165	ug/l	99
67) Ethyl Benzene	11.959	91	667919	47.347	ug/l	99
68) m/p-Xylenes	12.065	106	500901	94.763	ug/l	98
69) o-Xylene	12.394	106	249330	47.697	ug/l	99
70) Styrene	12.406	104	424603	48.749	ug/l	99
71) Bromoform	12.576	173	93814	48.315	ug/l #	98
73) Isopropylbenzene	12.694	105	613648	45.891	ug/l	100
74) N-amyl acetate	12.488	43	280408	42.123	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	169605	44.113	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	172655m	44.758	ug/l	
77) Bromobenzene	12.976	156	140126	47.294	ug/l	100
78) n-propylbenzene	13.029	91	717417	45.530	ug/l	100
79) 2-Chlorotoluene	13.123	91	451102	45.751	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	506704	46.298	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	79787	49.674	ug/l	87
82) 4-Chlorotoluene	13.217	91	447683	45.708	ug/l	100
83) tert-Butylbenzene	13.435	119	432773	45.636	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	513069	46.055	ug/l	100
85) sec-Butylbenzene	13.612	105	599752	45.596	ug/l	100
86) p-Isopropyltoluene	13.723	119	495233	45.677	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	262657	47.158	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	262681	46.824	ug/l	99
89) n-Butylbenzene	14.053	91	434967	45.261	ug/l	99
90) Hexachloroethane	14.329	117	84953	46.583	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	259945	48.138	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37604	48.506	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	125428	48.507	ug/l	99
94) Hexachlorobutadiene	15.500	225	44622	45.715	ug/l	98
95) Naphthalene	15.635	128	458964	50.072	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	117717	48.086	ug/l	99

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ClientSampleId :
VSTDCCC050EC

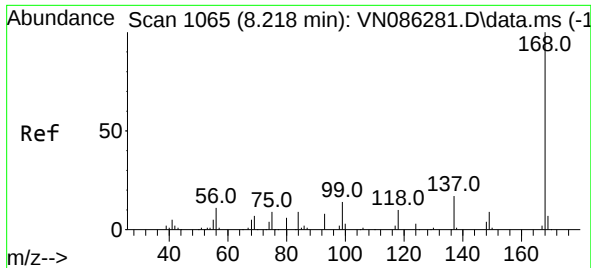
Manual Integrations
APPROVED

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Quant Time: Apr 17 03:09:58 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

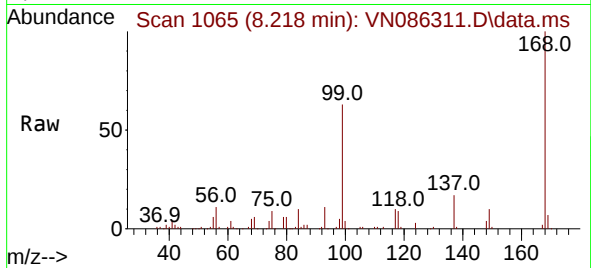
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086311.D
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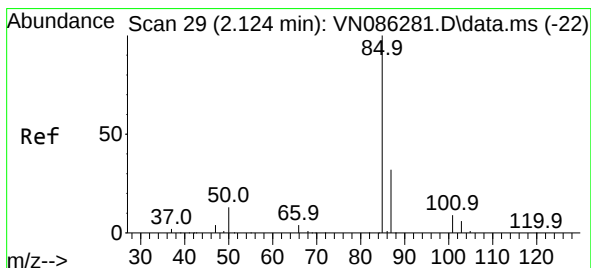
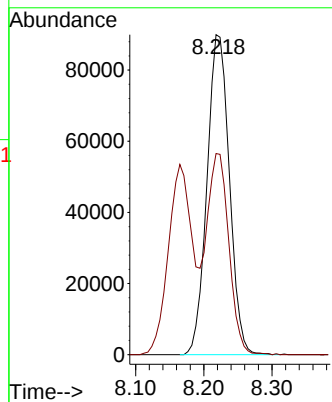
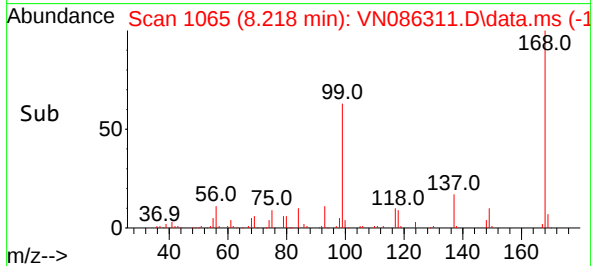
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 205270
Ion Ratio Lower Upper
168 100
99 62.8 52.5 78.7

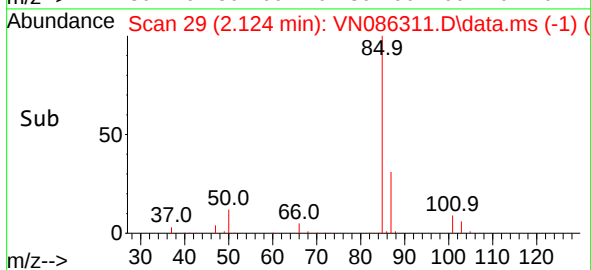
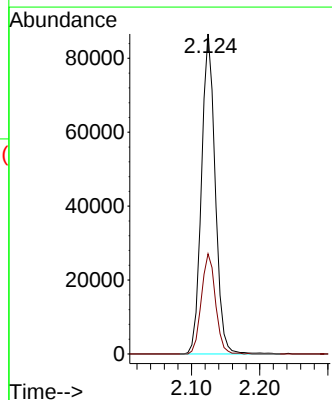
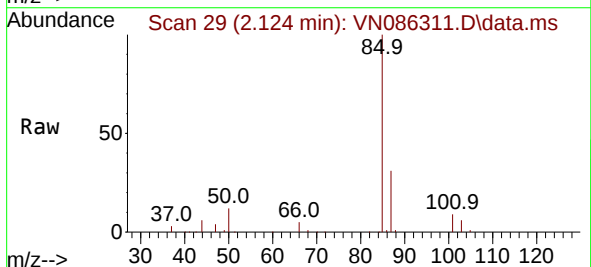
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#2
Dichlorodifluoromethane
Concen: 49.802 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

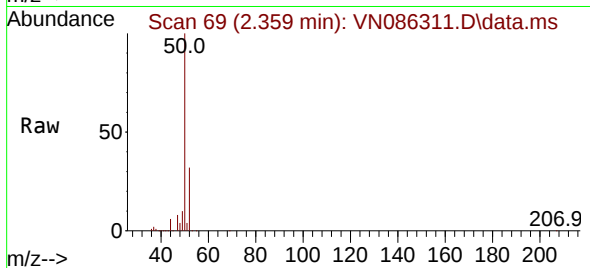
Tgt Ion: 85 Resp: 121185
Ion Ratio Lower Upper
85 100
87 31.3 16.3 48.8





#3
Chloromethane
Concen: 46.787 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

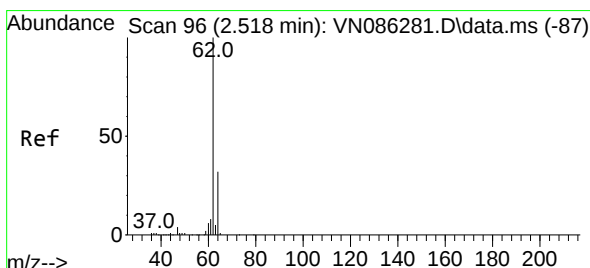
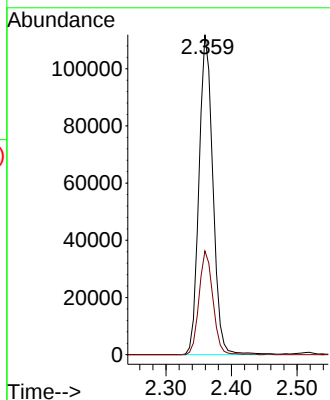
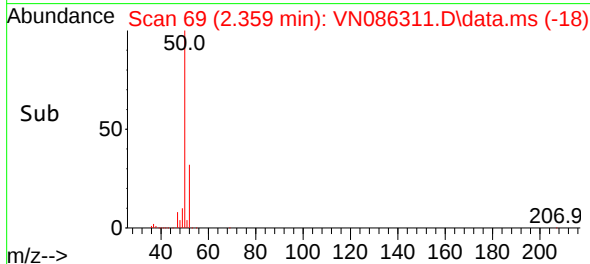
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Tgt Ion: 50 Resp: 16546
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

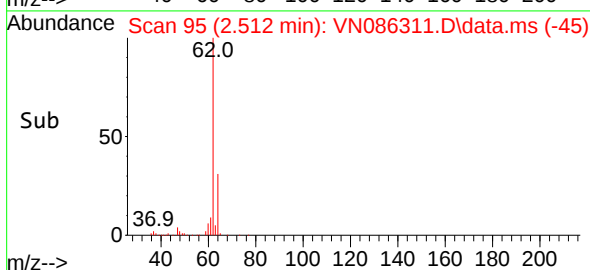
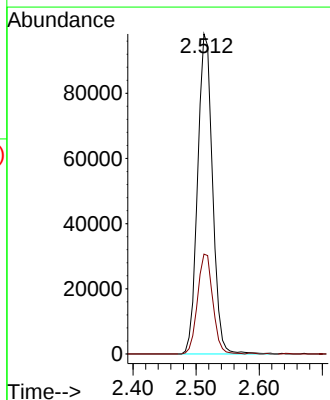
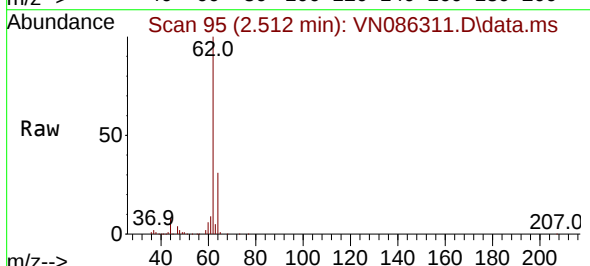
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#4
Vinyl Chloride
Concen: 47.679 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

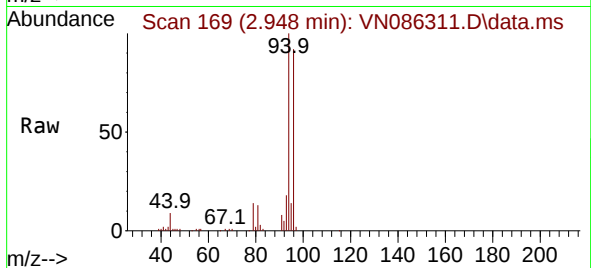
Tgt Ion: 62 Resp: 160904
Ion Ratio Lower Upper
62 100
64 31.2 25.6 38.4





#5
Bromomethane
Concen: 51.198 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

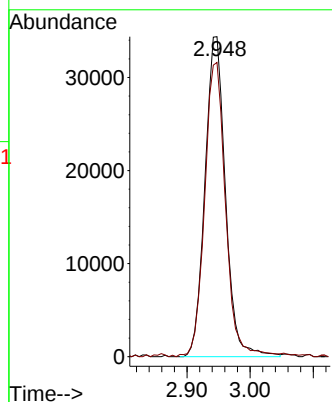
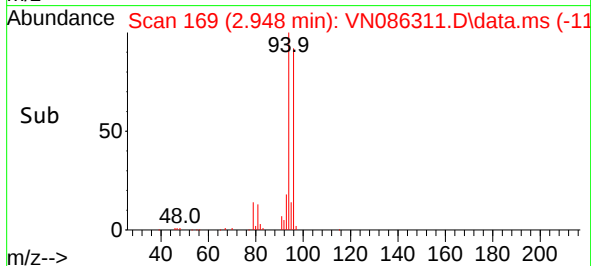
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 77718
Ion Ratio Lower Upper
94 100
96 91.2 75.2 112.8

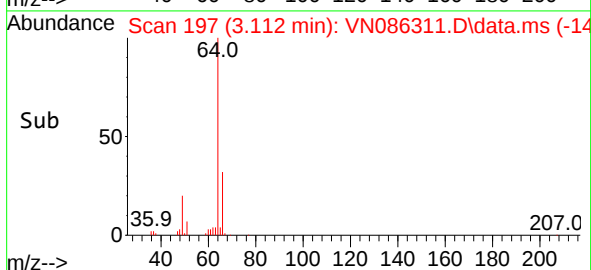
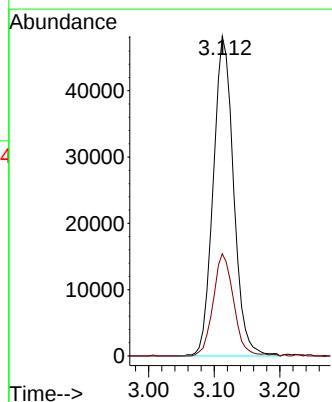
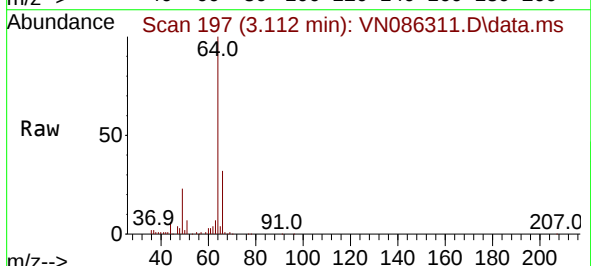
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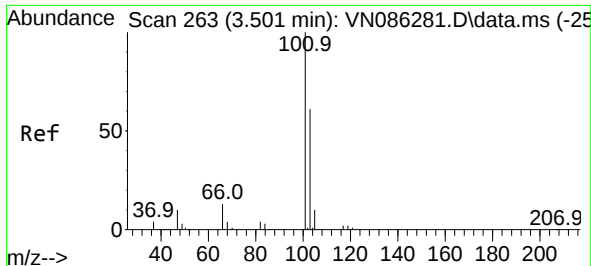
Reviewed By :John Carlone 04/17/2025
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#6
Chloroethane
Concen: 45.993 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

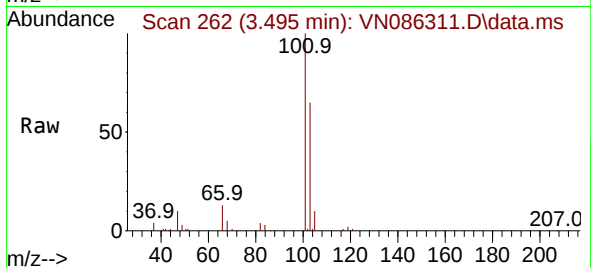
Tgt Ion: 64 Resp: 103882
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 48.909 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN086311.D
 Acq: 16 Apr 2025 20:52

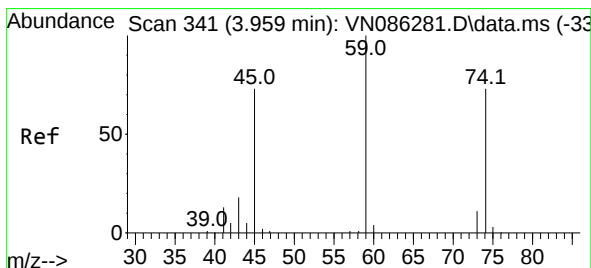
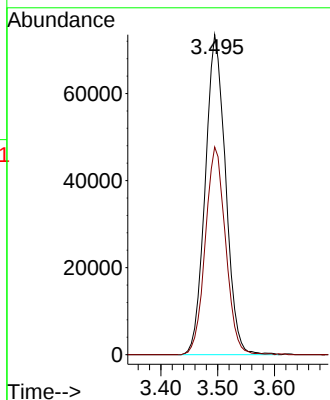
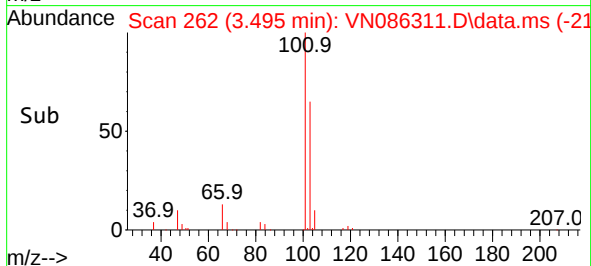
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Tgt Ion:101 Resp: 182830
 Ion Ratio Lower Upper
 101 100
 103 64.9 49.2 73.8

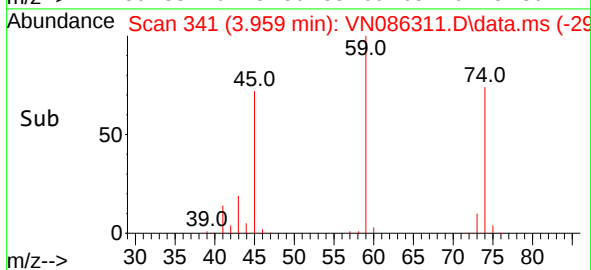
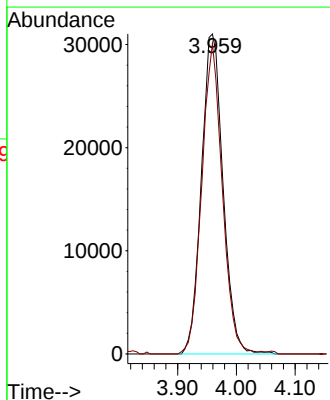
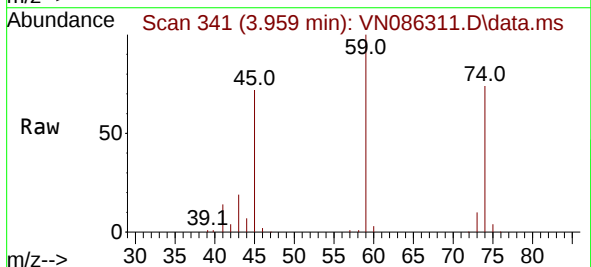
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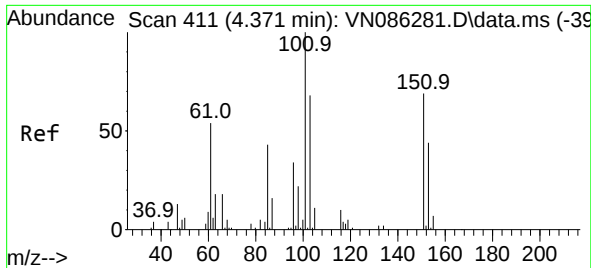
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#8
 Diethyl Ether
 Concen: 48.643 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086311.D
 Acq: 16 Apr 2025 20:52

Tgt Ion: 74 Resp: 79382
 Ion Ratio Lower Upper
 74 100
 45 91.9 48.0 144.2





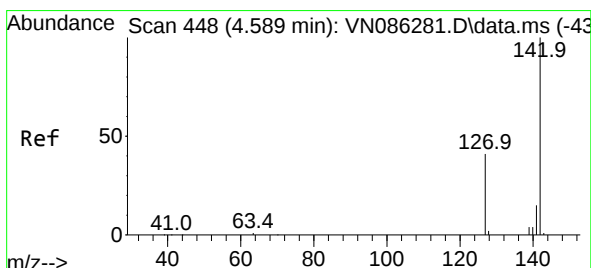
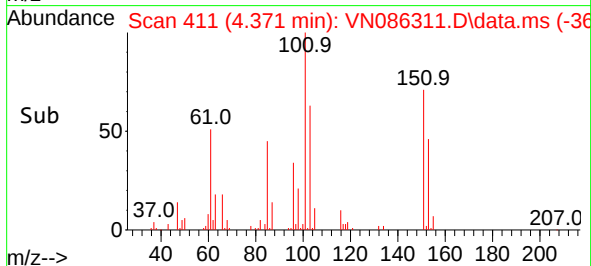
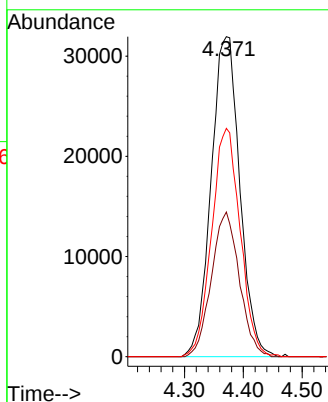
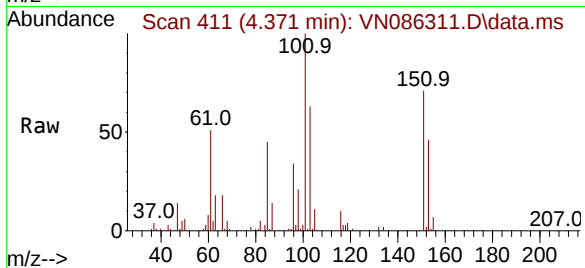
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.819 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086311.D
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Tgt Ion:101 Resp: 108138
Ion Ratio Lower Upper
101 100
85 44.0 34.7 52.1
151 71.1 56.1 84.1

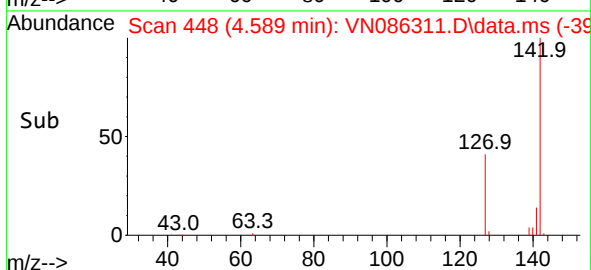
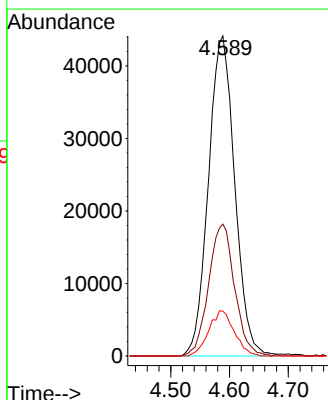
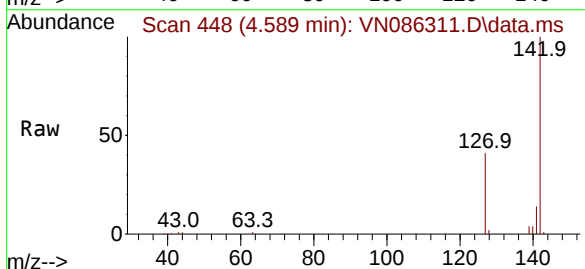
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#10
Methyl Iodide
Concen: 55.152 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

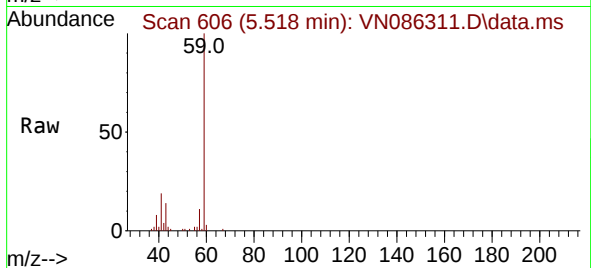
Tgt Ion:142 Resp: 137119
Ion Ratio Lower Upper
142 100
127 41.2 32.7 49.1
141 14.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 249.929 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

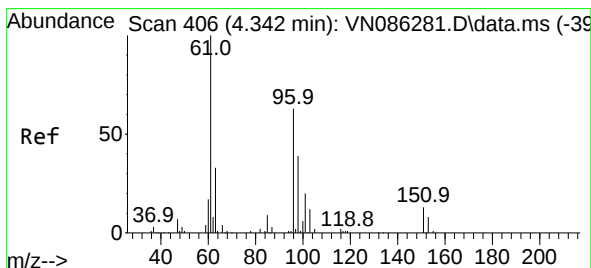
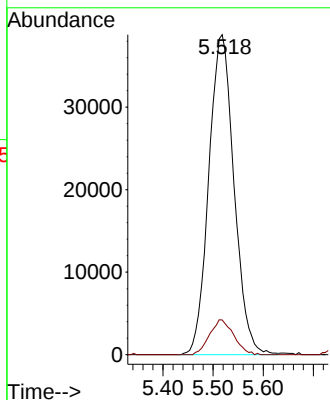
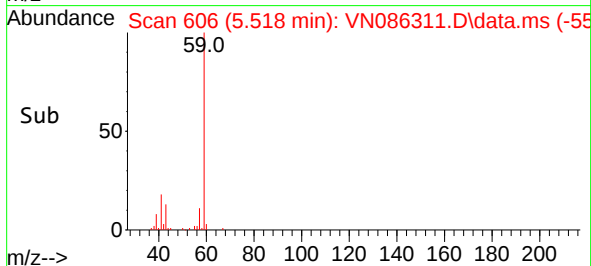
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 135738
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

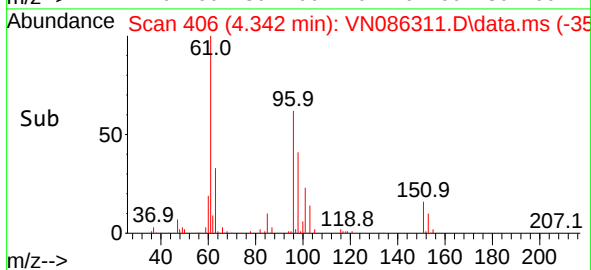
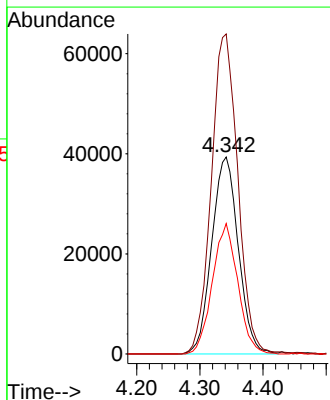
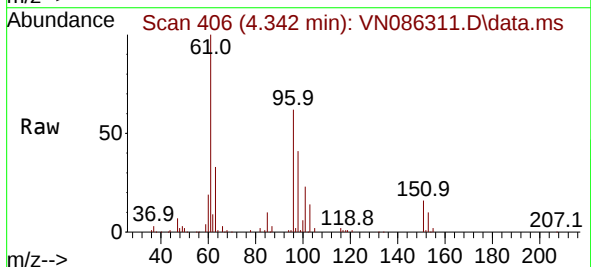
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#12
1,1-Dichloroethene
Concen: 47.690 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

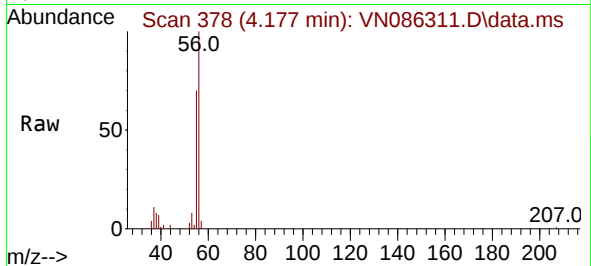
Tgt Ion: 96 Resp: 115219
Ion Ratio Lower Upper
96 100
61 162.4 126.6 189.8
98 66.2 49.6 74.4





#13
Acrolein
Concen: 300.929 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

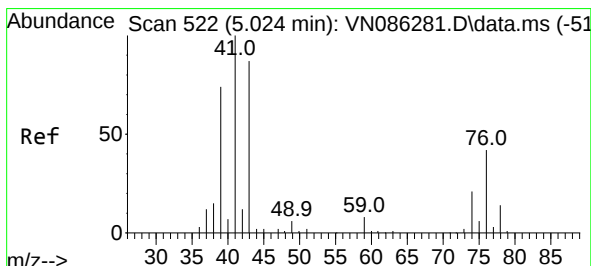
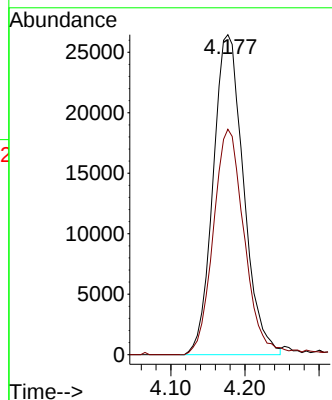
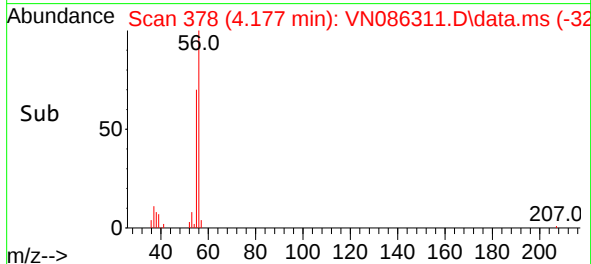
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



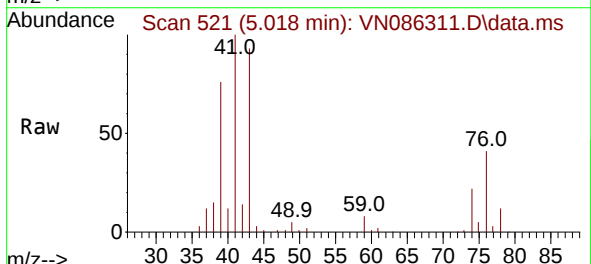
Tgt Ion: 56 Resp: 75432
Ion Ratio Lower Upper
56 100
55 71.9 58.5 87.7

Manual Integrations
APPROVED

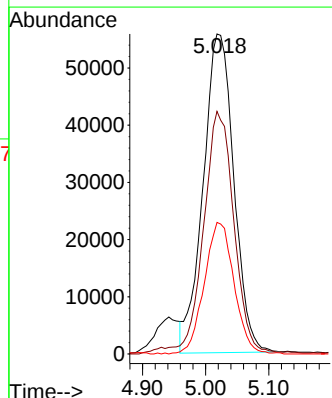
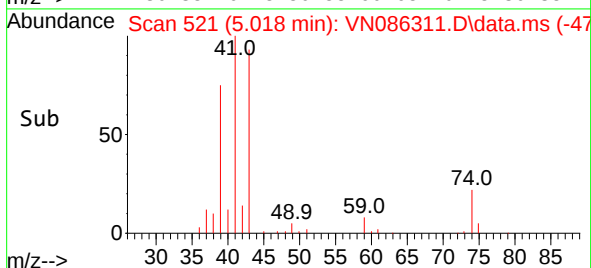
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

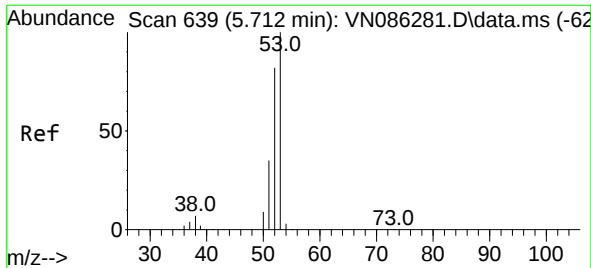


#14
Allyl chloride
Concen: 43.896 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



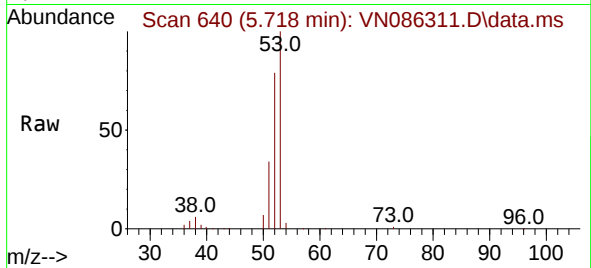
Tgt Ion: 41 Resp: 188529
Ion Ratio Lower Upper
41 100
39 75.9 59.2 88.8
76 40.0 31.2 46.8





#15
Acrylonitrile
Concen: 246.784 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

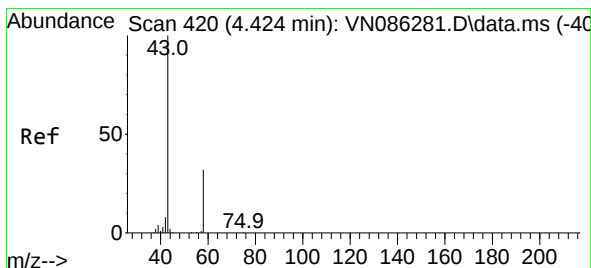
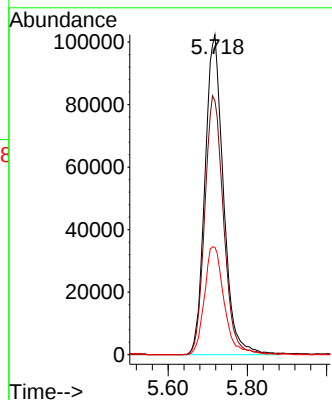
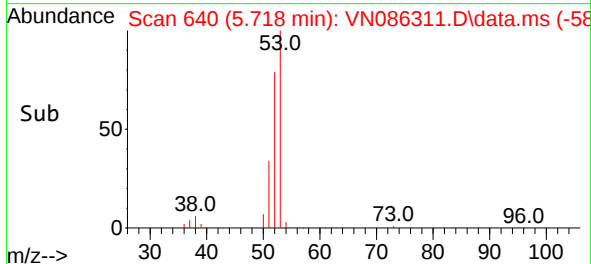
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 33132
Ion Ratio Lower Upper
53 100
52 82.2 65.5 98.3
51 36.0 28.6 42.8

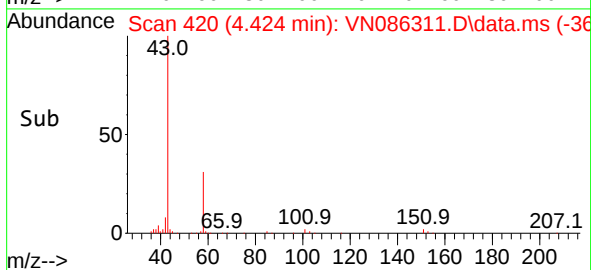
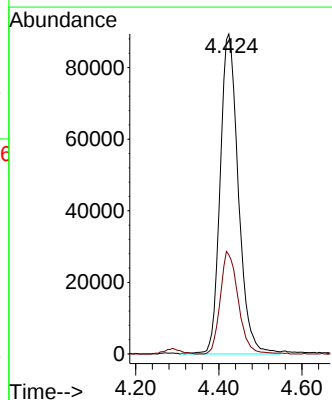
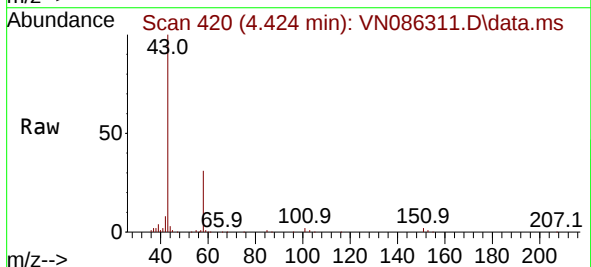
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#16
Acetone
Concen: 264.208 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

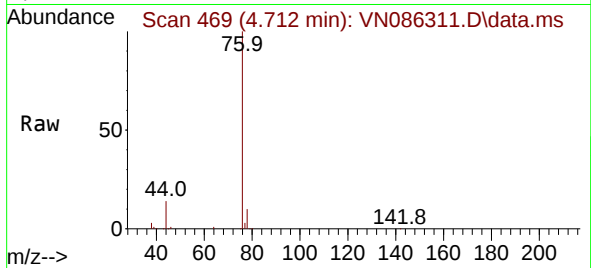
Tgt Ion: 43 Resp: 271572
Ion Ratio Lower Upper
43 100
58 30.7 25.3 37.9





#17
Carbon Disulfide
Concen: 41.773 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

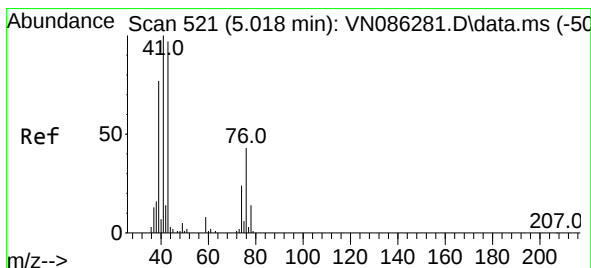
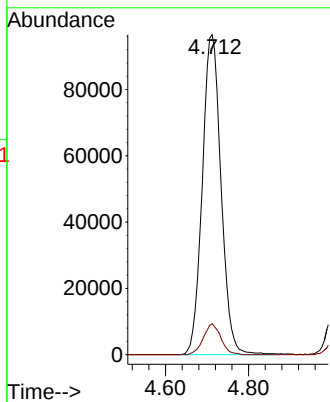
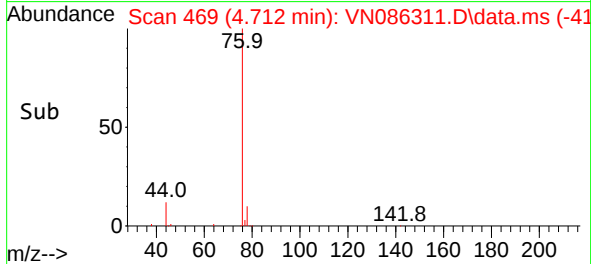
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



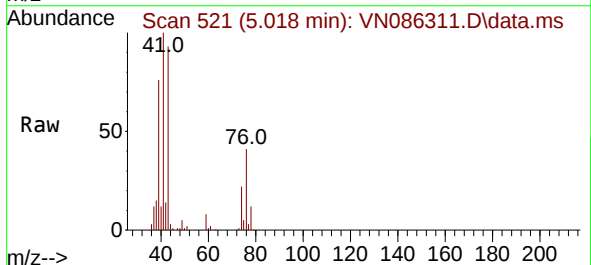
Tgt Ion: 76 Resp: 302189
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4

Manual Integrations
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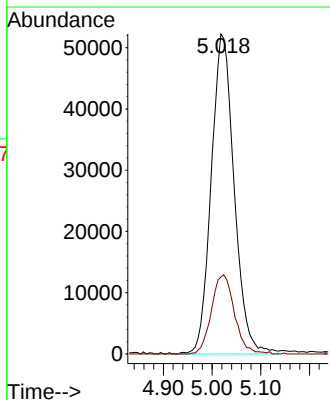
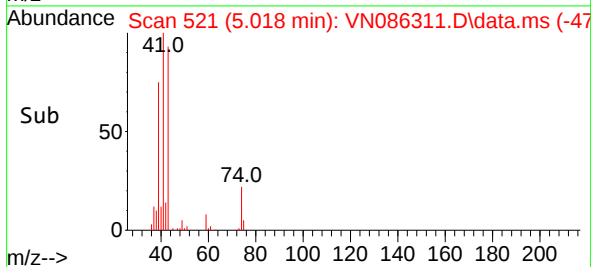
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

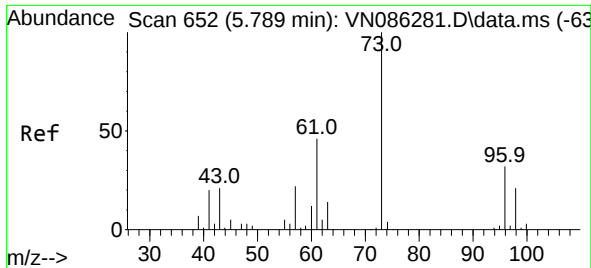


#18
Methyl Acetate
Concen: 47.808 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



Tgt Ion: 43 Resp: 170820
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.6





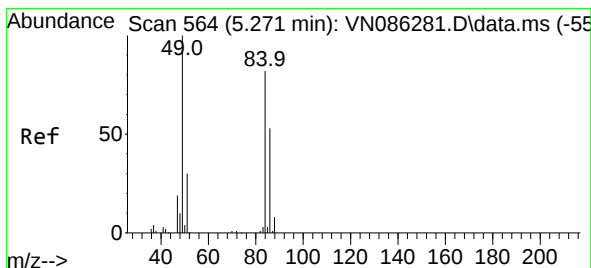
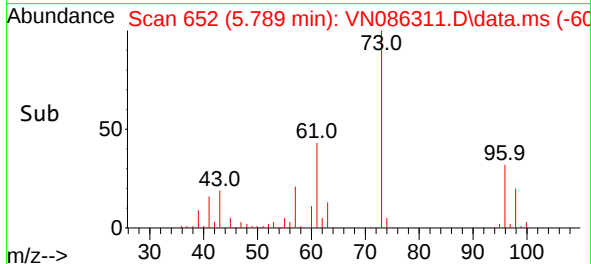
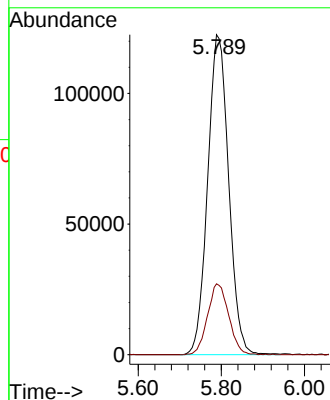
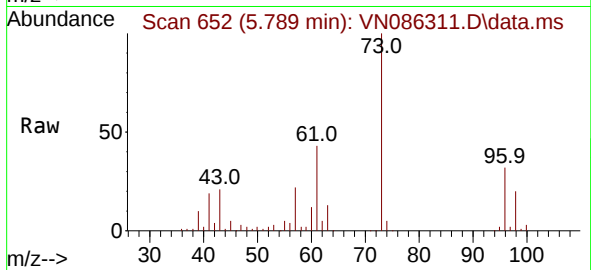
#19
Methyl tert-butyl Ether
Concen: 48.412 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 429948
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4

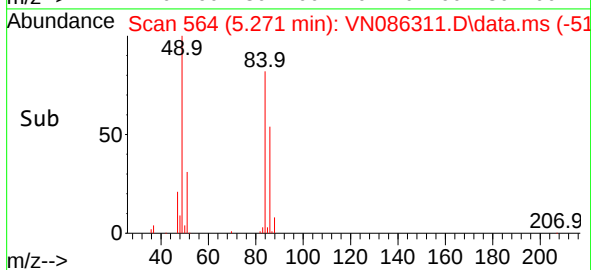
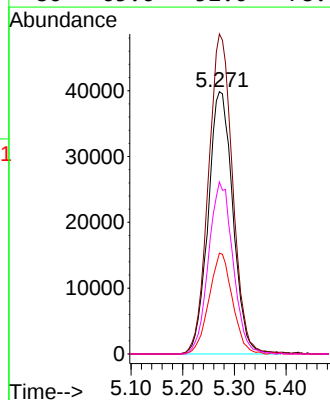
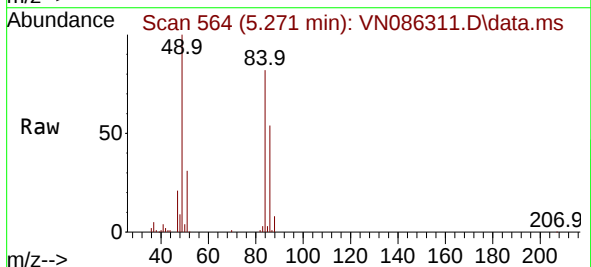
Manual Integrations
APPROVED

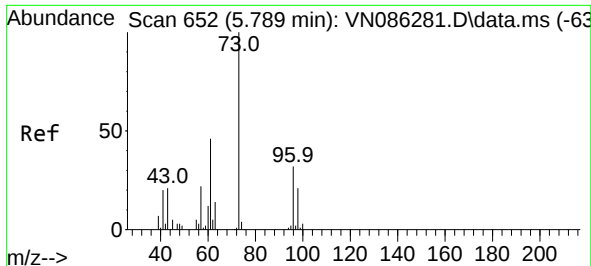
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#20
Methylene Chloride
Concen: 48.058 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

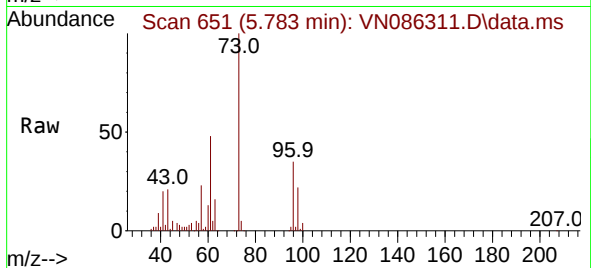
Tgt Ion: 84 Resp: 132245
Ion Ratio Lower Upper
84 100
49 122.0 98.2 147.2
51 38.4 29.8 44.6
86 65.6 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 47.591 ug/l
RT: 5.783 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

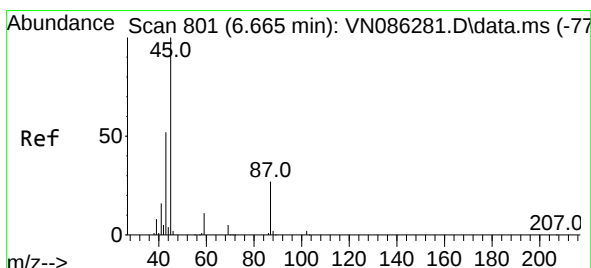
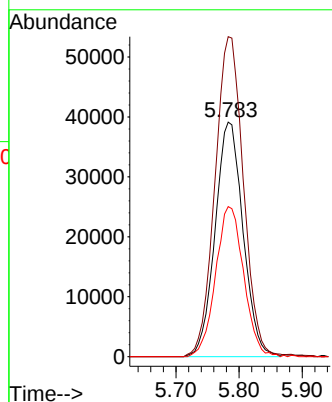
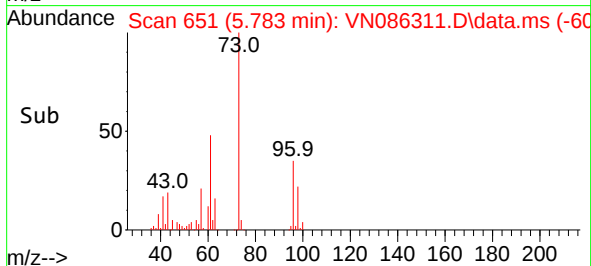
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 120209
Ion Ratio Lower Upper
96 100
61 136.5 114.6 171.8
98 64.0 51.2 76.8

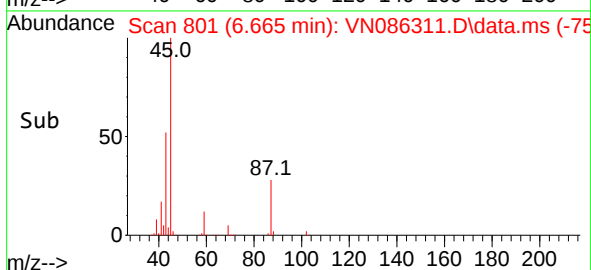
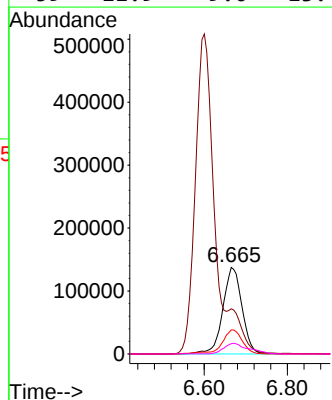
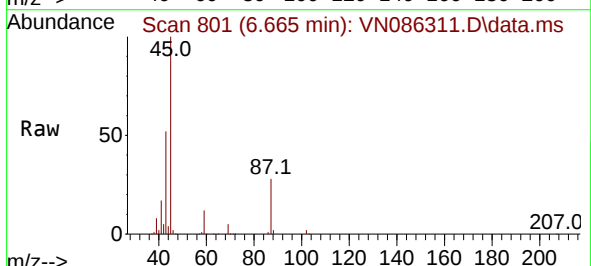
Manual Integrations
APPROVED

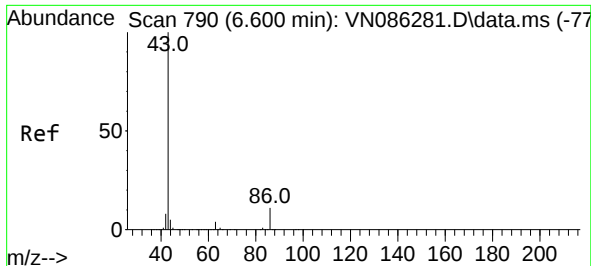
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#22
Diisopropyl ether
Concen: 47.059 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

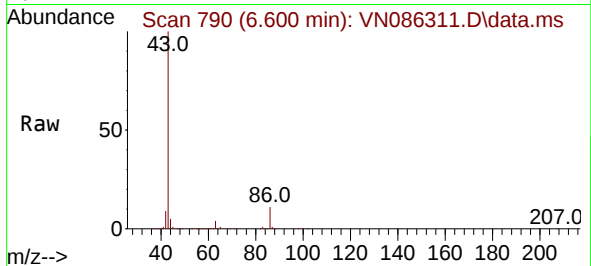
Tgt Ion: 45 Resp: 439673
Ion Ratio Lower Upper
45 100
43 51.4 41.8 62.8
87 27.7 21.6 32.4
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 231.990 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086311.D
 Acq: 16 Apr 2025 20:52

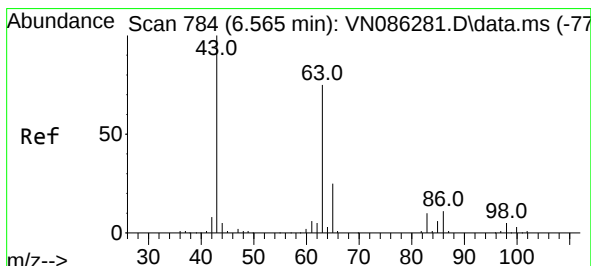
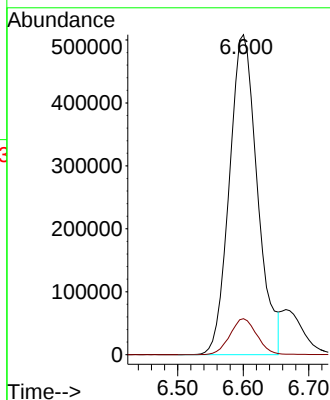
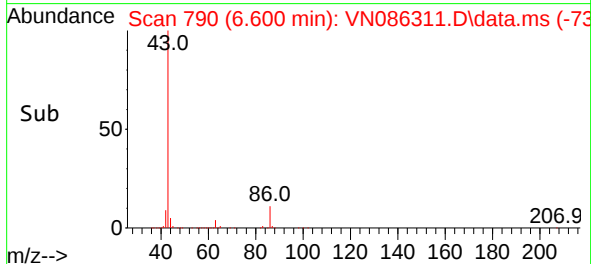
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



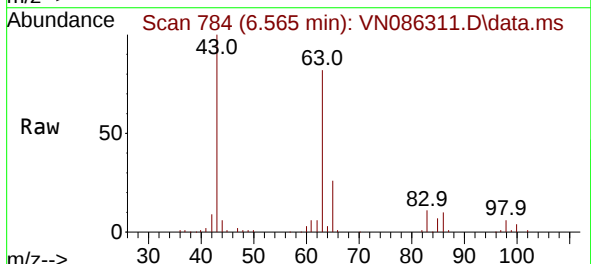
Tgt Ion: 43 Resp: 151518
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0

Manual Integrations
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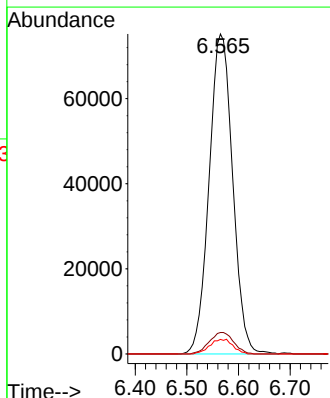
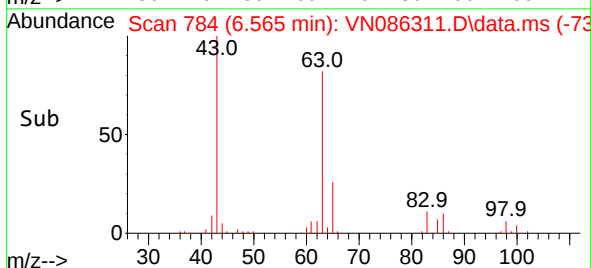
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#24
 1,1-Dichloroethane
 Concen: 48.253 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086311.D
 Acq: 16 Apr 2025 20:52



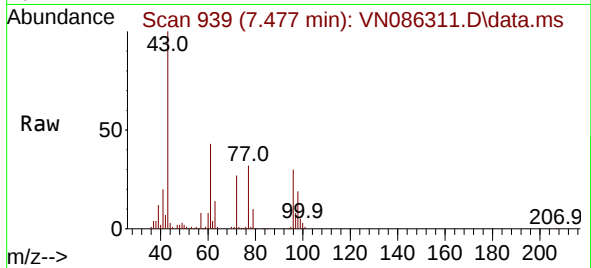
Tgt Ion: 63 Resp: 237872
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.5 2.1 6.5





#25
2-Butanone
Concen: 243.610 ug/l
RT: 7.477 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

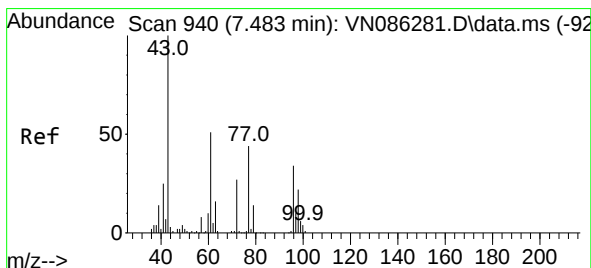
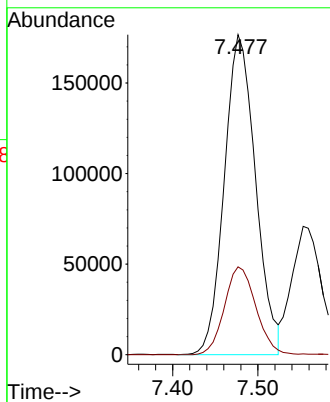
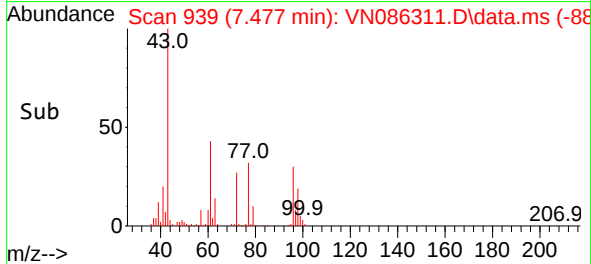
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



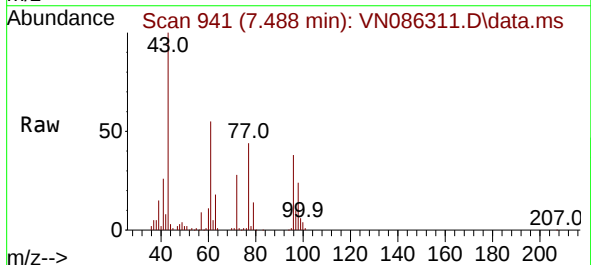
Tgt Ion: 43 Resp: 45135
Ion Ratio Lower Upper
43 100
72 27.4 21.7 32.5

Manual Integrations
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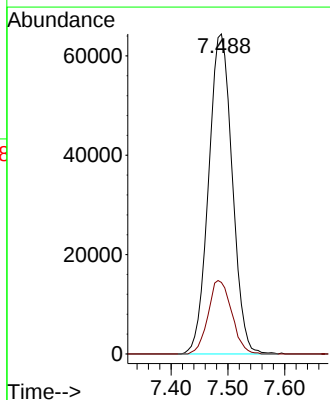
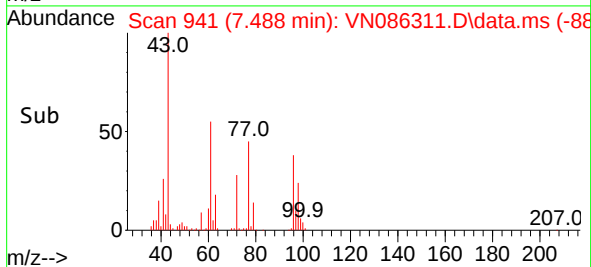
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

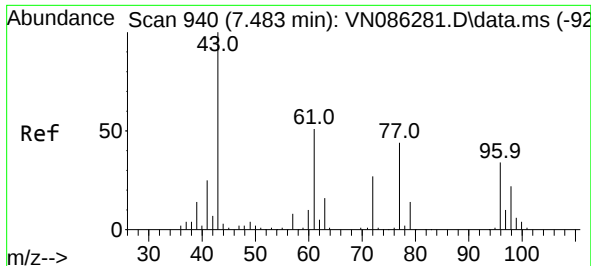


#26
2,2-Dichloropropane
Concen: 42.183 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



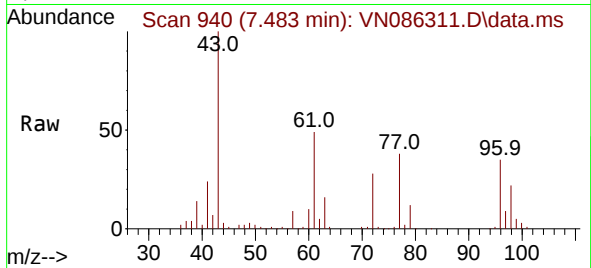
Tgt Ion: 77 Resp: 186189
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 48.383 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086311.D
 Acq: 16 Apr 2025 20:52

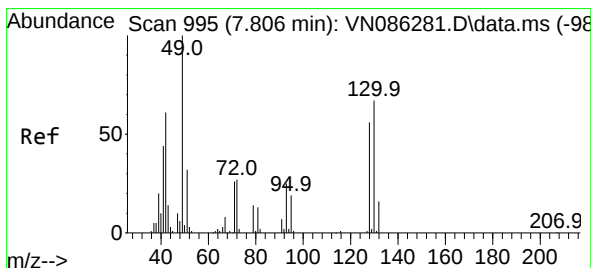
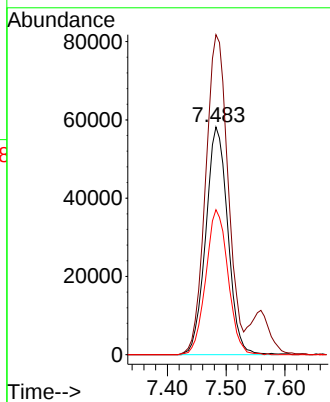
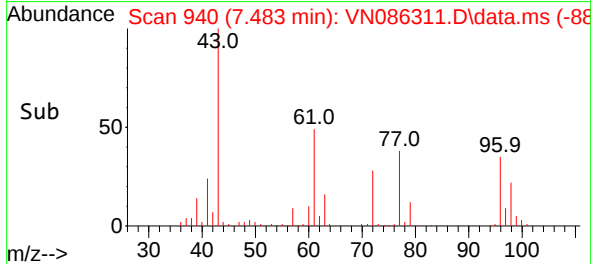
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



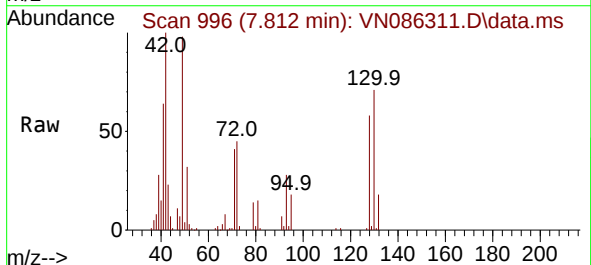
Tgt Ion: 96 Resp: 15168
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 299.0
 98 64.2 0.0 129.6

Manual Integrations
 APPROVED

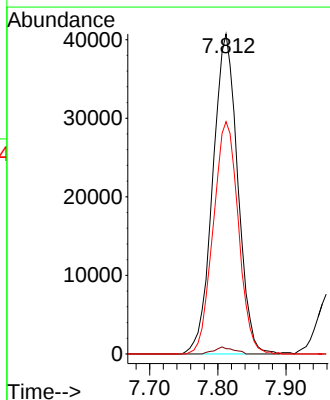
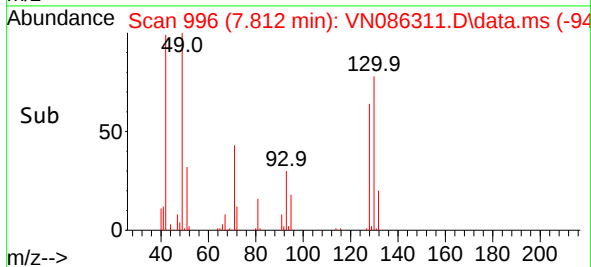
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#28
 Bromochloromethane
 Concen: 49.574 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086311.D
 Acq: 16 Apr 2025 20:52



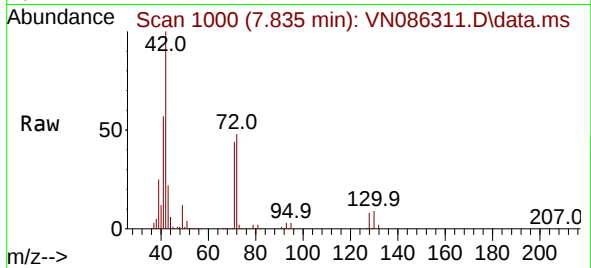
Tgt Ion: 49 Resp: 103620
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 73.3 57.1 85.7





#29
Tetrahydrofuran
Concen: 238.895 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

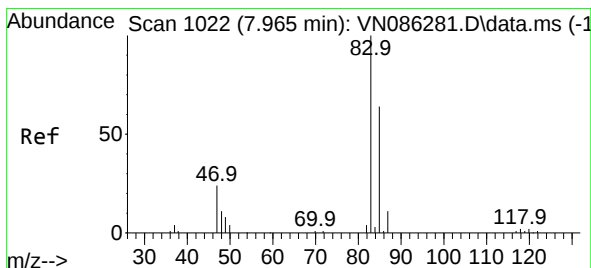
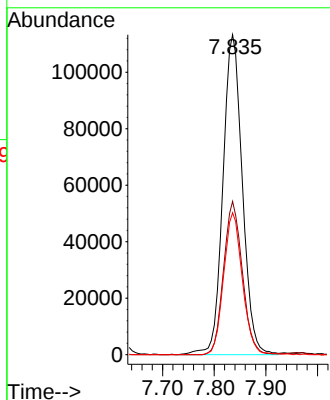
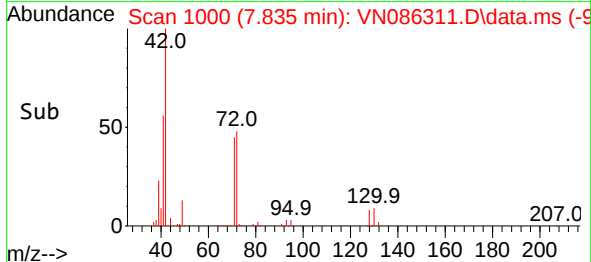
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 29598
Ion Ratio Lower Upper
42 100
72 46.1 36.2 54.4
71 42.8 34.0 51.0

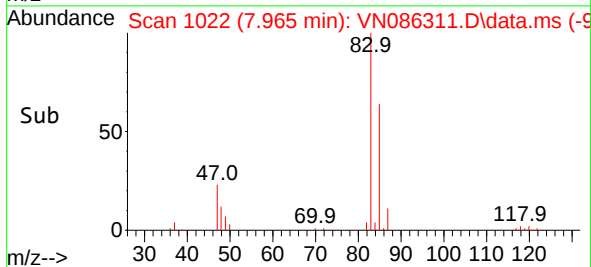
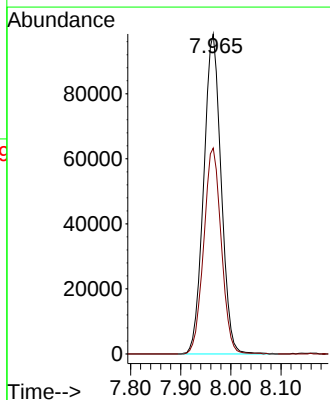
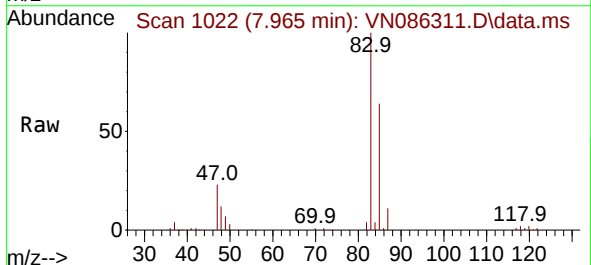
Manual Integrations
APPROVED

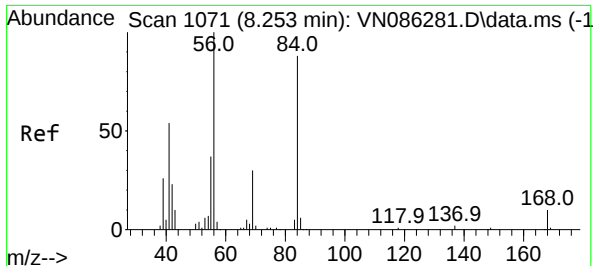
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#30
Chloroform
Concen: 49.052 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

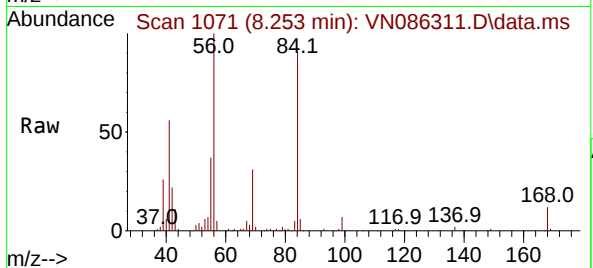
Tgt Ion: 83 Resp: 237539
Ion Ratio Lower Upper
83 100
85 64.3 51.5 77.3





#31
Cyclohexane
Concen: 44.670 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

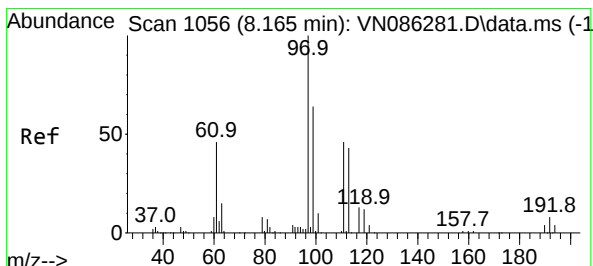
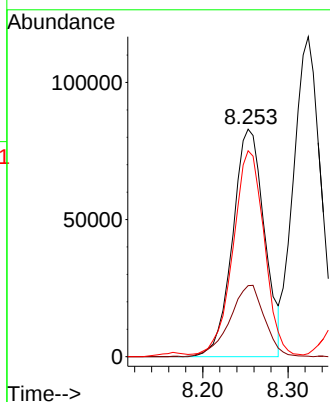
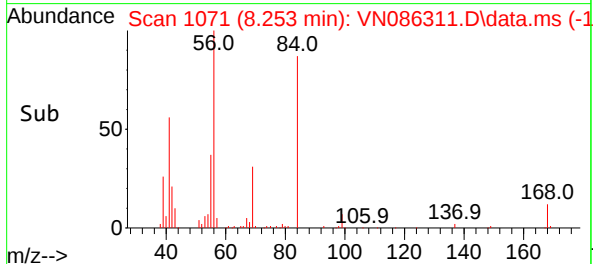
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



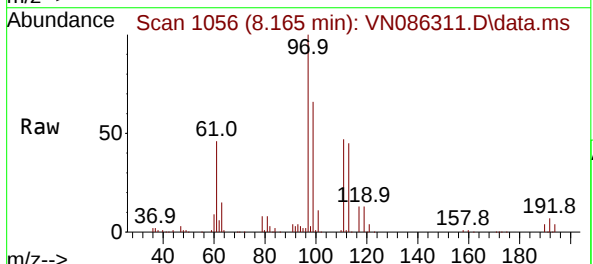
Tgt Ion: 56 Resp: 21548
Ion Ratio Lower Upper
56 100
69 31.0 24.2 36.2
84 89.0 70.3 105.5

Manual Integrations
APPROVED

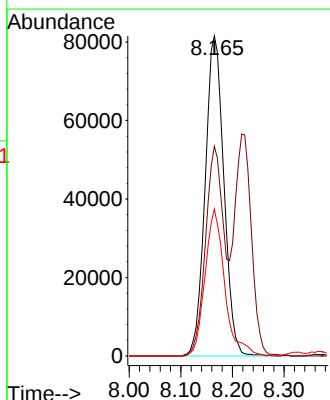
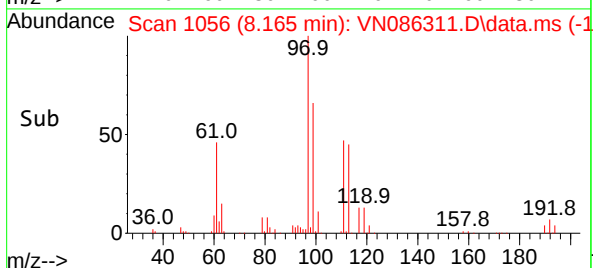
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#32
1,1,1-Trichloroethane
Concen: 49.566 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



Tgt Ion: 97 Resp: 205332
Ion Ratio Lower Upper
97 100
99 65.4 52.7 79.1
61 48.2 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 52.661 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086311.D

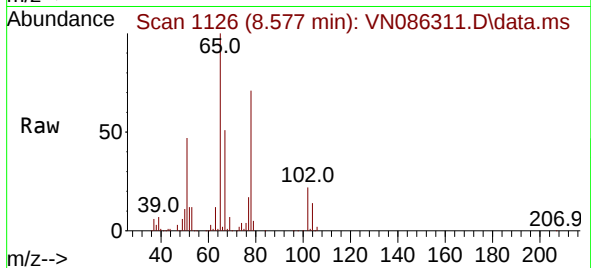
Acq: 16 Apr 2025 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 65 Resp: 15675

Ion Ratio Lower Upper

65 100

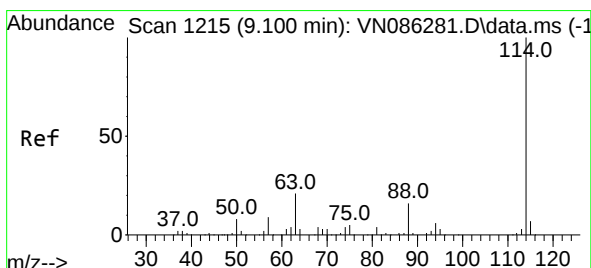
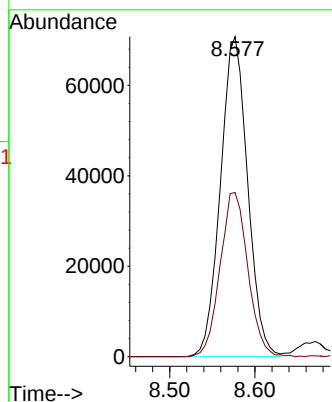
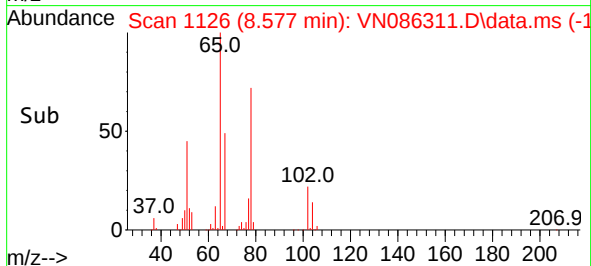
67 52.4 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086311.D

Acq: 16 Apr 2025 20:52

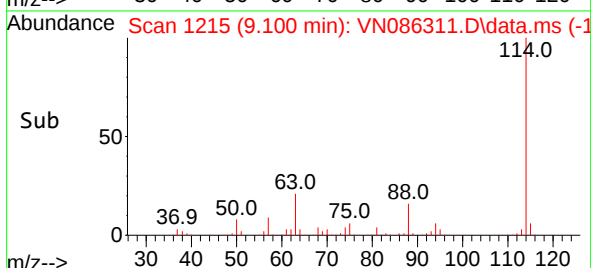
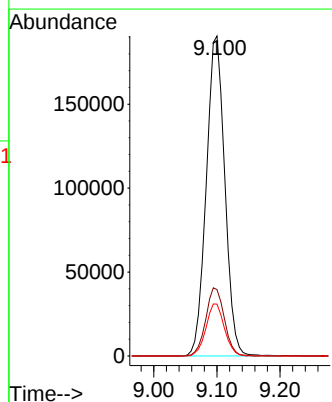
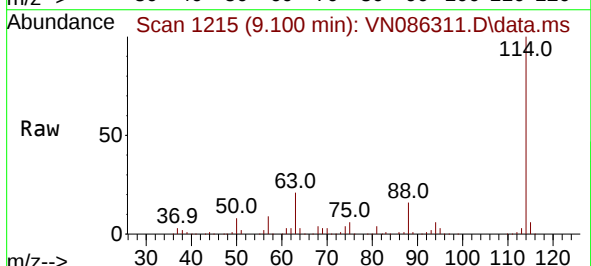
Tgt Ion:114 Resp: 388169

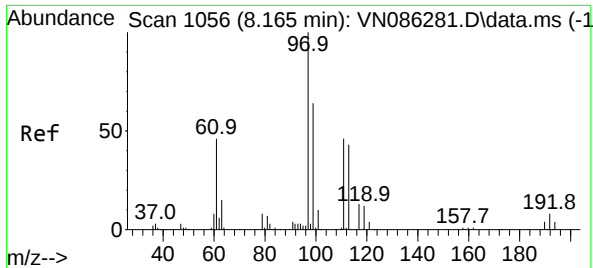
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

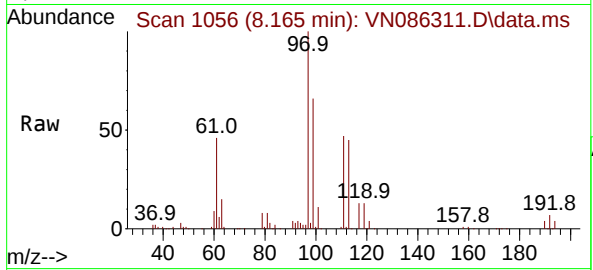
88 16.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 48.861 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

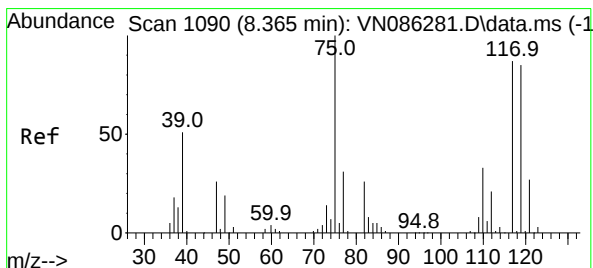
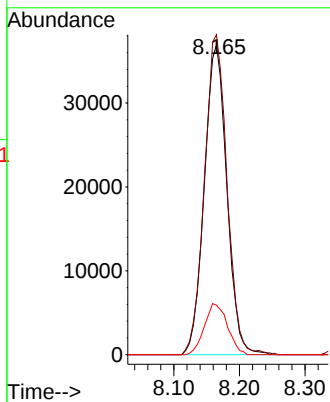
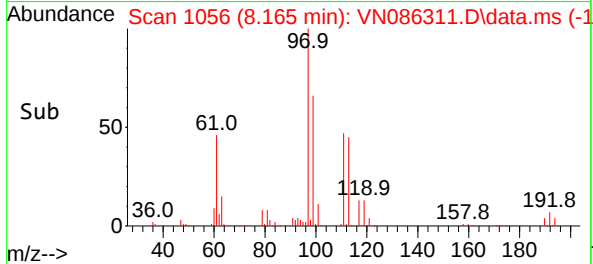
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



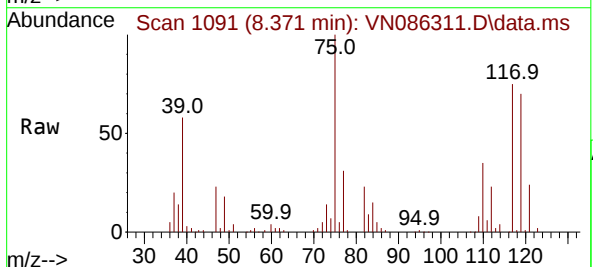
Tgt Ion: 113 Resp: 88020
Ion Ratio Lower Upper
113 100
111 103.7 83.4 125.0
192 16.9 13.7 20.5

Manual Integrations
APPROVED

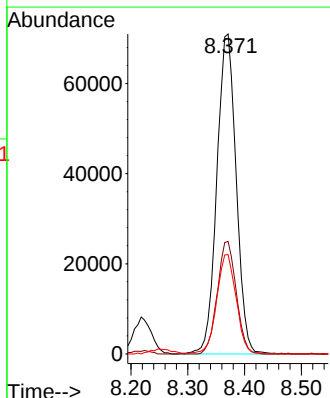
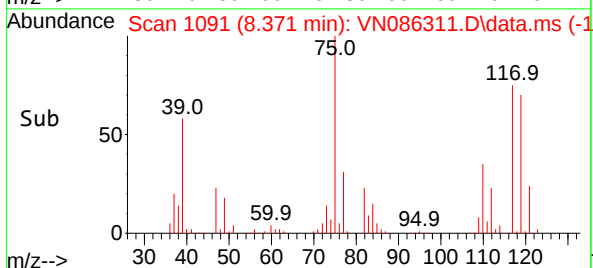
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

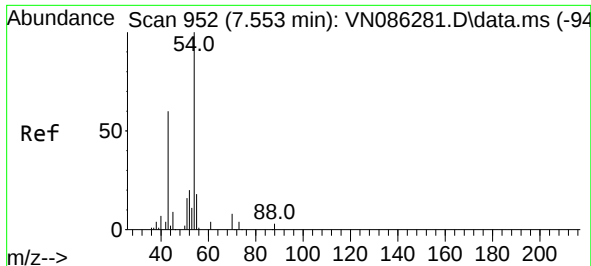


#36
1,1-Dichloropropene
Concen: 46.722 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



Tgt Ion: 75 Resp: 168120
Ion Ratio Lower Upper
75 100
110 34.4 16.8 50.4
77 31.3 24.9 37.3





#37

Ethyl Acetate

Concen: 46.942 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086311.D

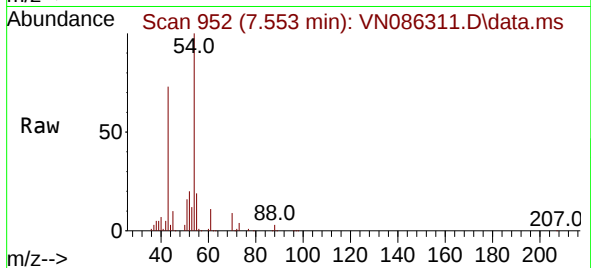
Acq: 16 Apr 2025 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 17783

Ion Ratio Lower Upper

43 100

61 13.8 11.1 16.7

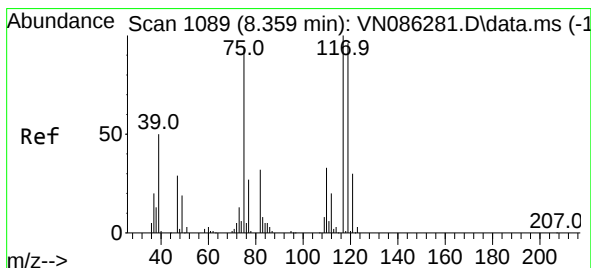
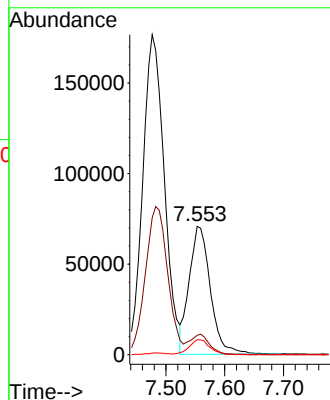
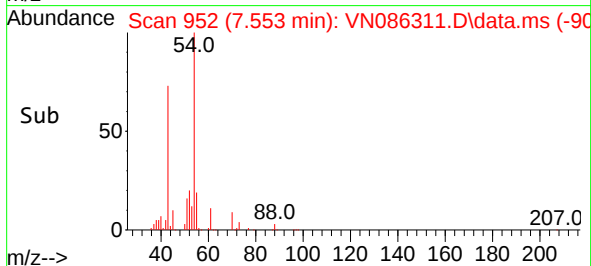
70 11.3 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#38

Carbon Tetrachloride

Concen: 48.718 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086311.D

Acq: 16 Apr 2025 20:52

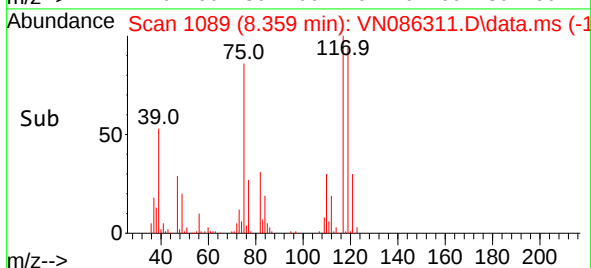
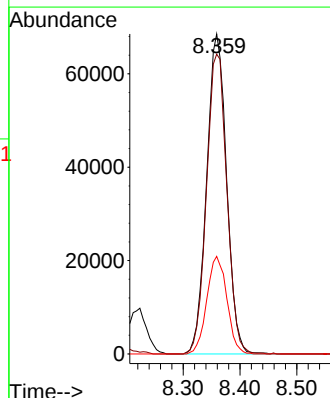
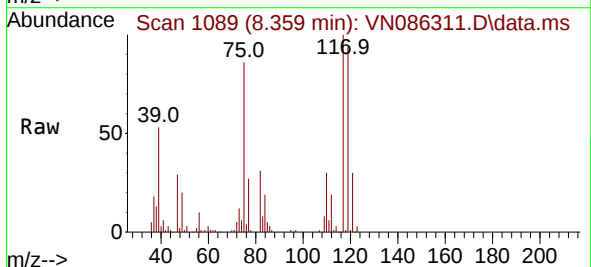
Tgt Ion:117 Resp: 166943

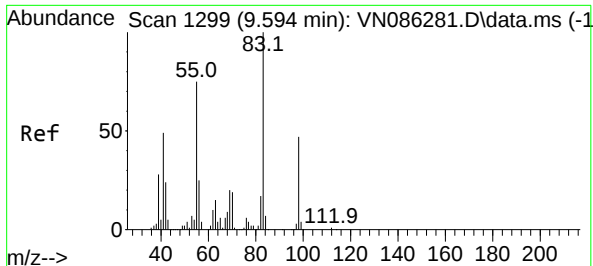
Ion Ratio Lower Upper

117 100

119 93.7 76.8 115.2

121 30.5 23.8 35.8





#39

Methylcyclohexane

Concen: 44.776 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VN086311.D

Acq: 16 Apr 2025 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

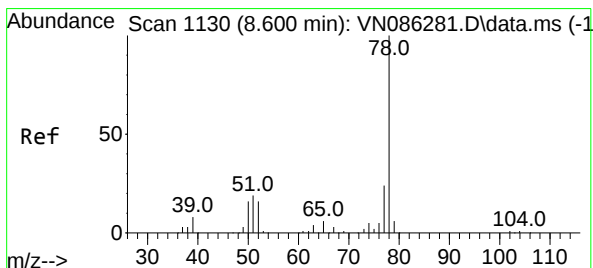
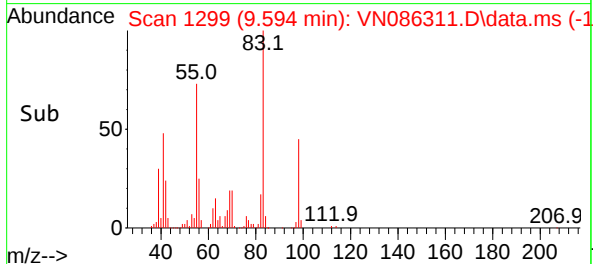
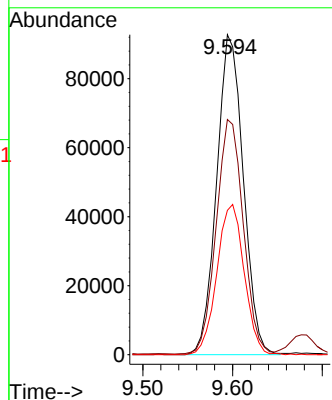
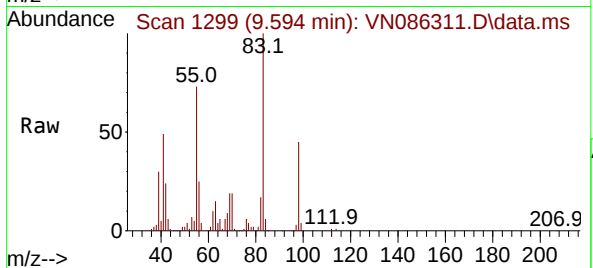
Tgt Ion:	83	Resp:	19150
Ion Ratio	Lower	Upper	
83	100		
55	73.2	59.8	89.8
98	45.1	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#40

Benzene

Concen: 47.298 ug/l

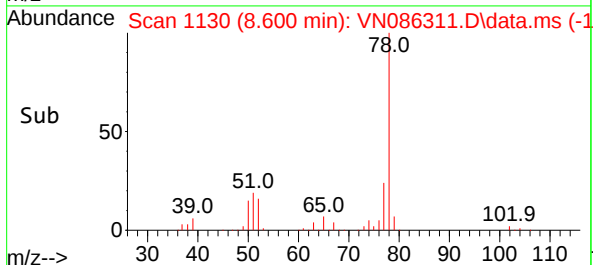
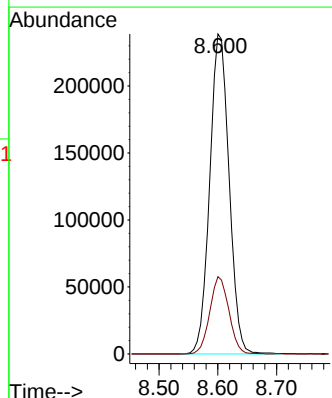
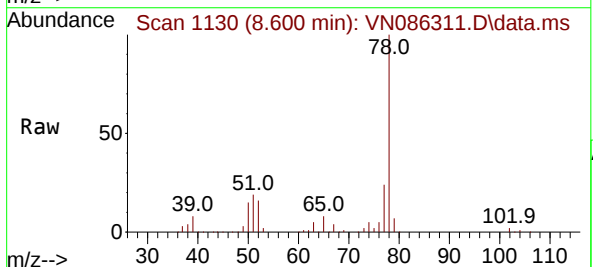
RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086311.D

Acq: 16 Apr 2025 20:52

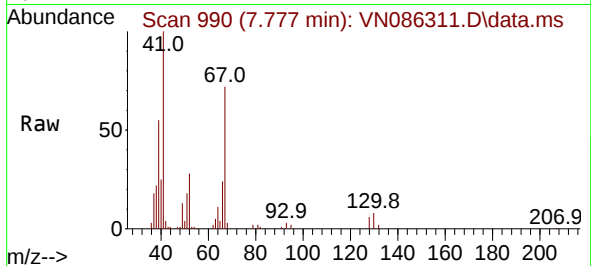
Tgt Ion:	78	Resp:	545284
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.4	29.2





#41
Methacrylonitrile
Concen: 46.108 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

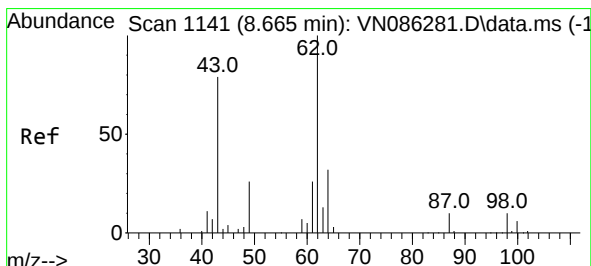
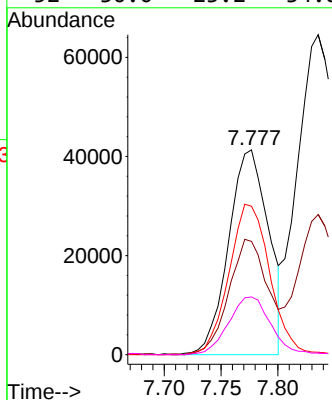
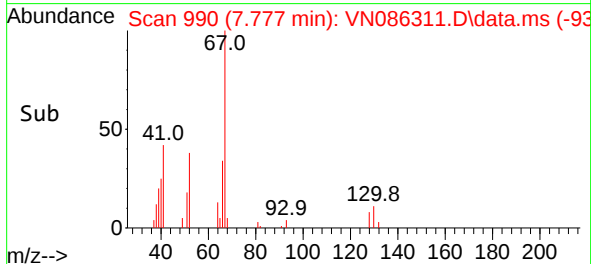
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



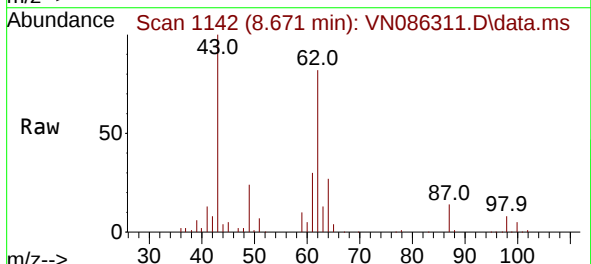
Tgt Ion: 41 Resp: 10123
Ion Ratio Lower Upper
41 100
39 54.7 43.0 64.4
67 75.5 58.8 88.2
52 30.0 23.2 34.8

Manual Integrations
APPROVED

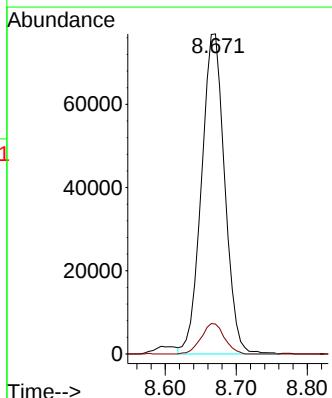
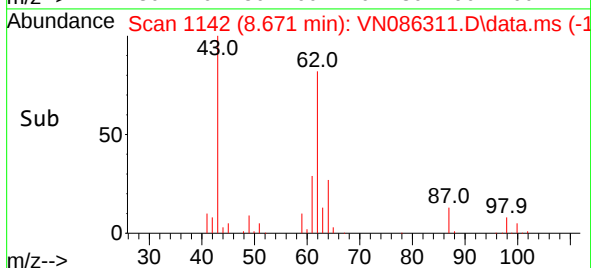
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

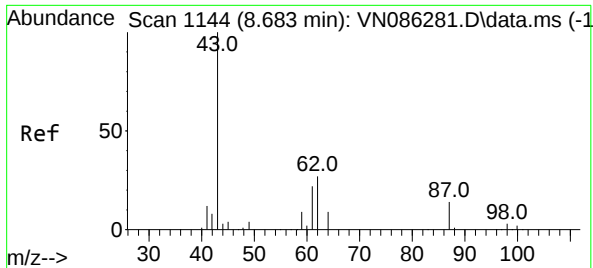


#42
1,2-Dichloroethane
Concen: 47.600 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



Tgt Ion: 62 Resp: 174998
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2





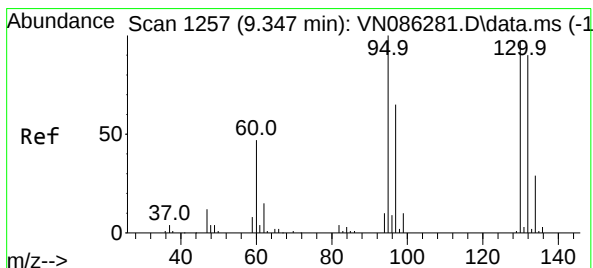
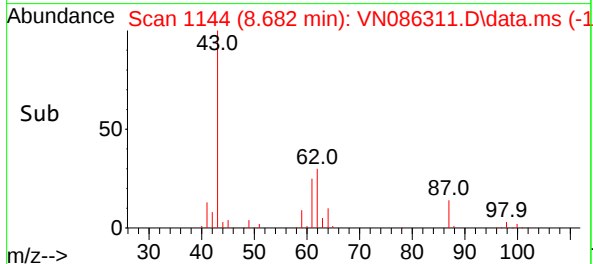
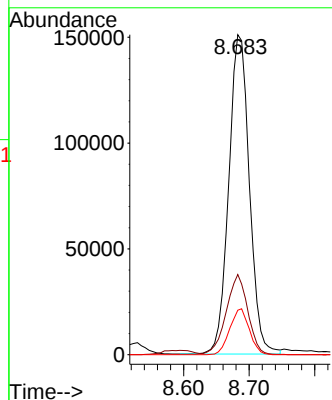
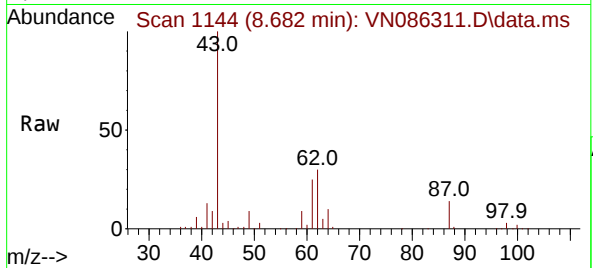
#43
Isopropyl Acetate
Concen: 48.681 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 33048
Ion Ratio Lower Upper
43 100
61 26.2 20.5 30.7
87 13.5 10.5 15.7

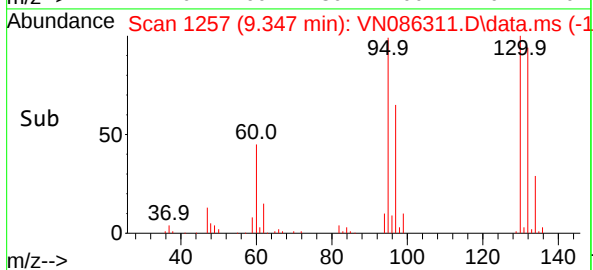
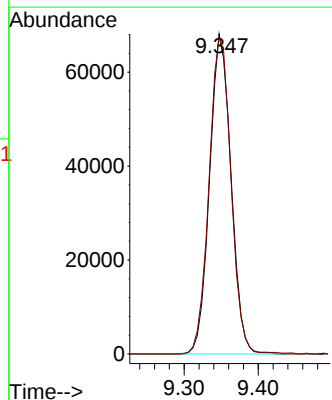
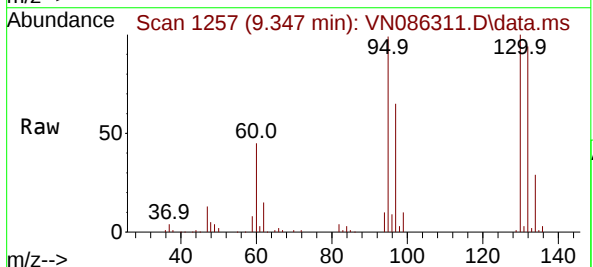
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#44
Trichloroethene
Concen: 49.993 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

Tgt Ion:130 Resp: 136608
Ion Ratio Lower Upper
130 100
95 98.8 0.0 207.2





#45

1,2-Dichloropropane

Concen: 47.626 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086311.D

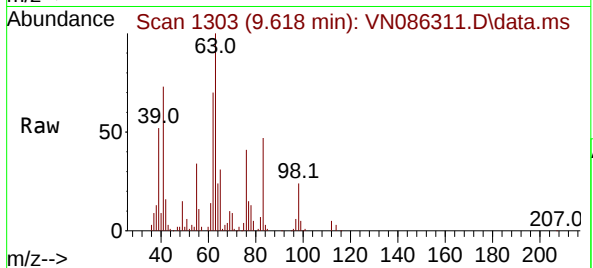
Acq: 16 Apr 2025 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 63 Resp: 13440

Ion Ratio Lower Upper

63 100

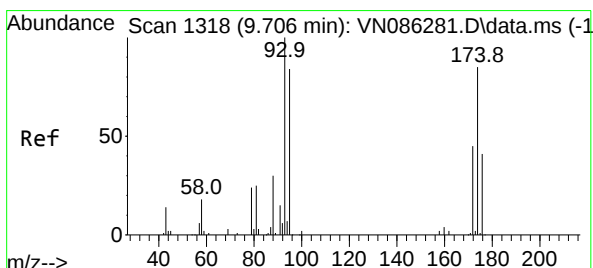
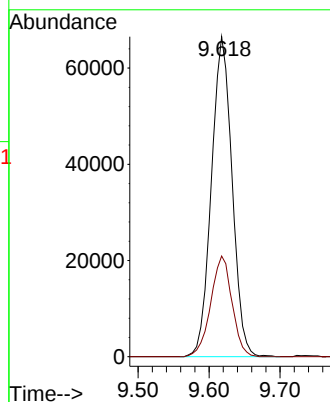
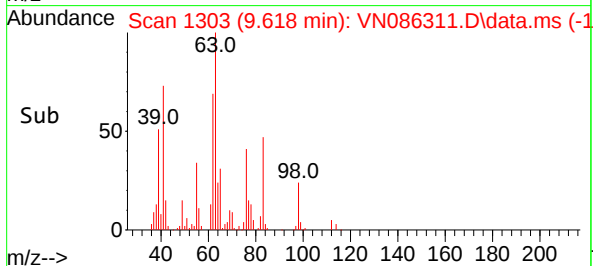
65 31.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#46

Dibromomethane

Concen: 49.418 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086311.D

Acq: 16 Apr 2025 20:52

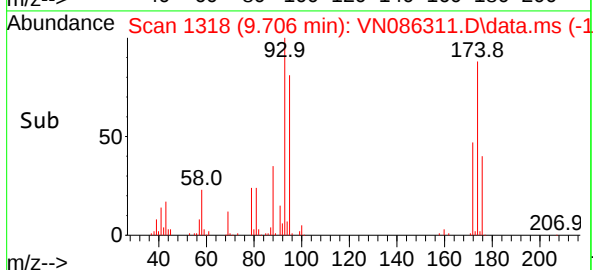
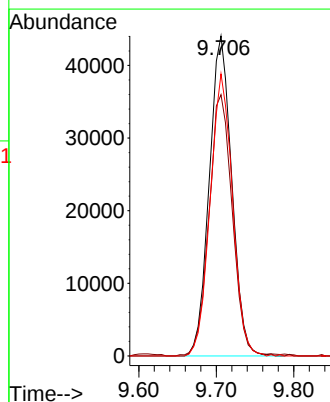
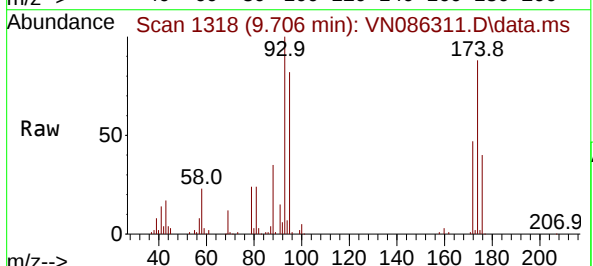
Tgt Ion: 93 Resp: 88857

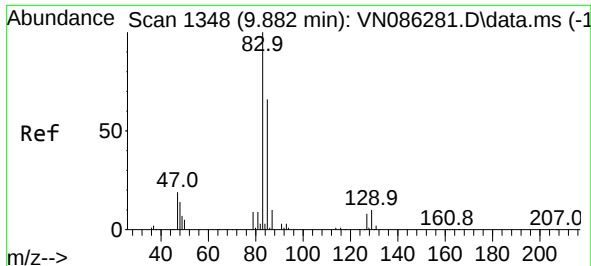
Ion Ratio Lower Upper

93 100

95 85.0 66.2 99.4

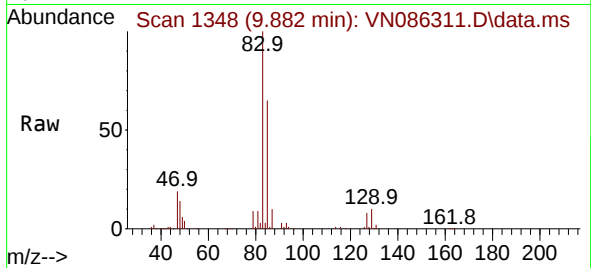
174 87.8 67.8 101.6





#47
Bromodichloromethane
Concen: 48.773 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

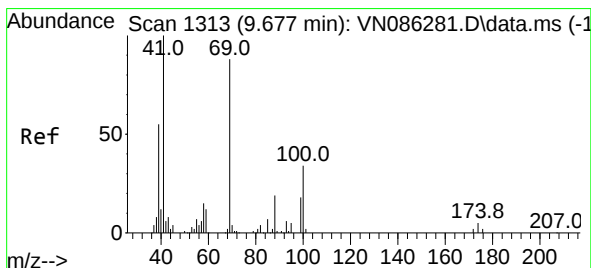
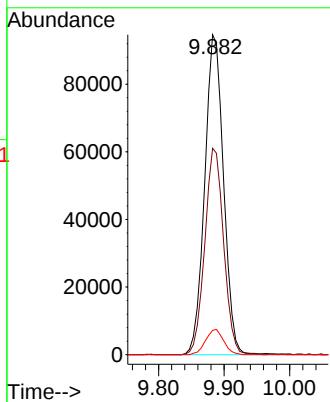
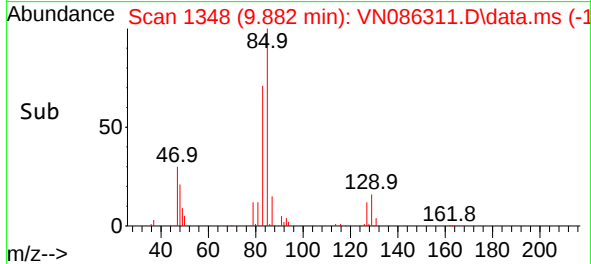
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



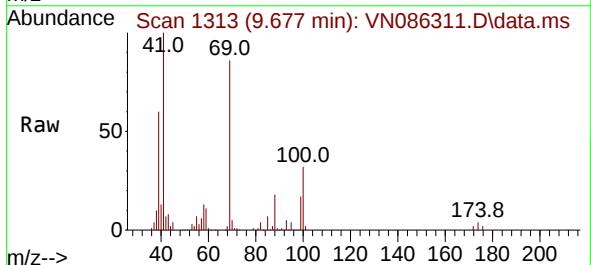
Tgt Ion: 83 Resp: 189409
Ion Ratio Lower Upper
83 100
85 64.5 52.6 78.8
127 7.6 6.1 9.1

Manual Integrations
APPROVED

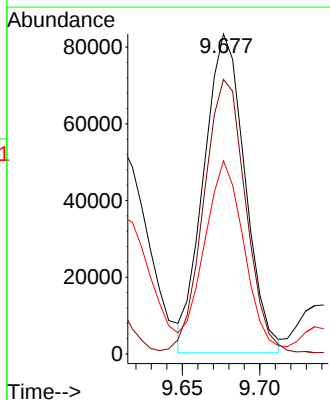
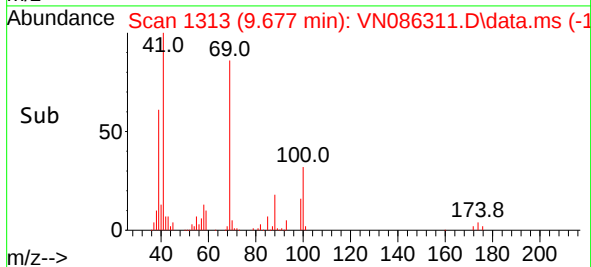
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

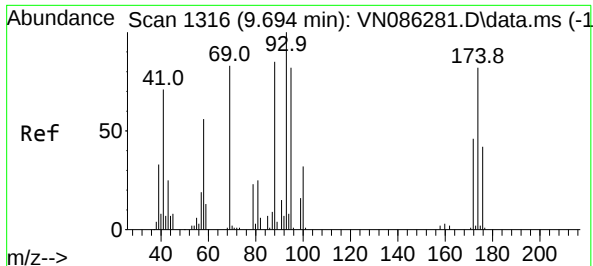


#48
Methyl methacrylate
Concen: 46.211 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



Tgt Ion: 41 Resp: 153731
Ion Ratio Lower Upper
41 100
69 88.0 68.2 102.2
39 59.4 45.2 67.8





#49

1,4-Dioxane

Concen: 1021.380 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086311.D

Acq: 16 Apr 2025 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

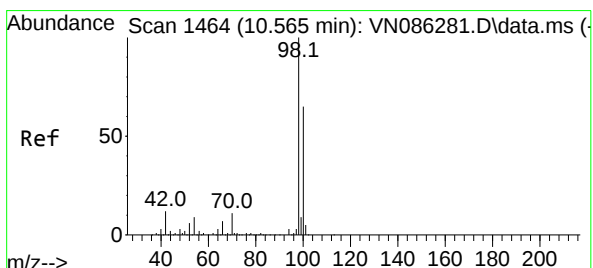
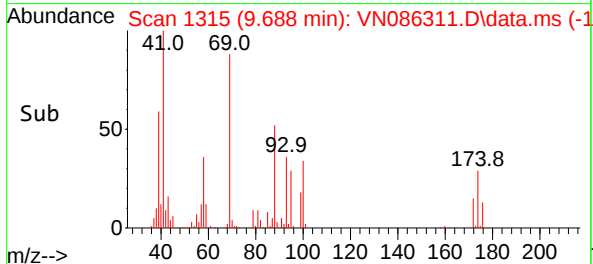
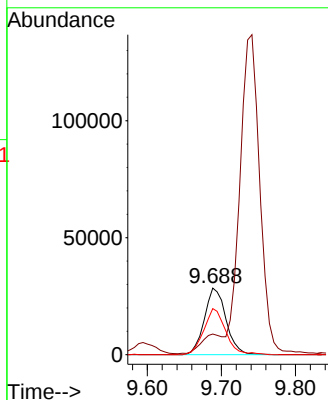
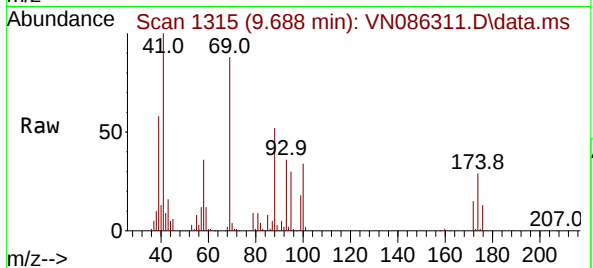
Tgt Ion:	88	Resp:	5779
Ion Ratio	Lower	Upper	
88	100		
43	27.4	23.8	35.8
58	69.9	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#50

Toluene-d8

Concen: 51.318 ug/l

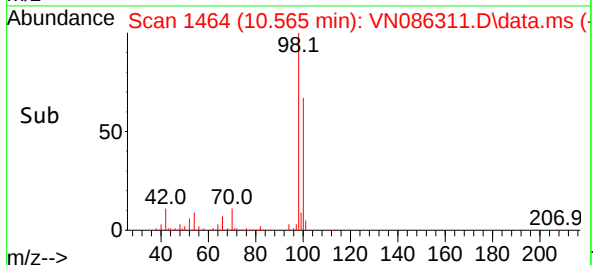
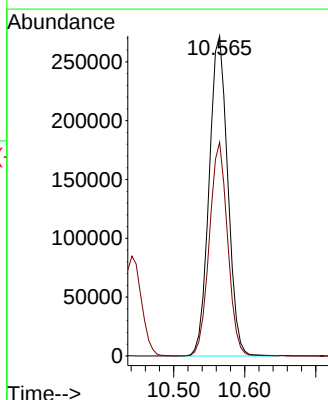
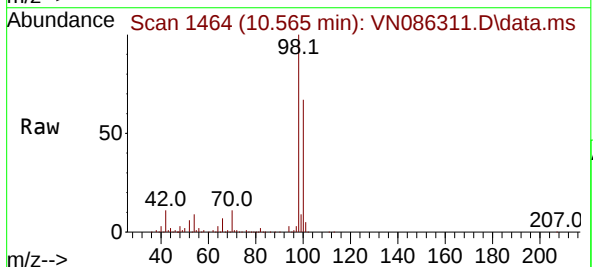
RT: 10.565 min Scan# 1464

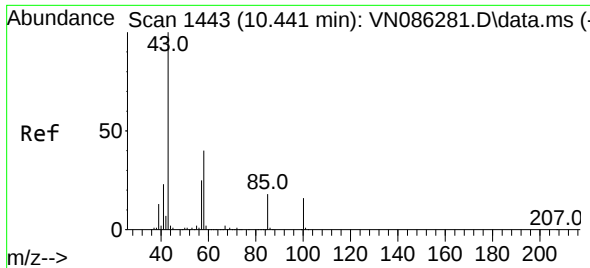
Delta R.T. -0.000 min

Lab File: VN086311.D

Acq: 16 Apr 2025 20:52

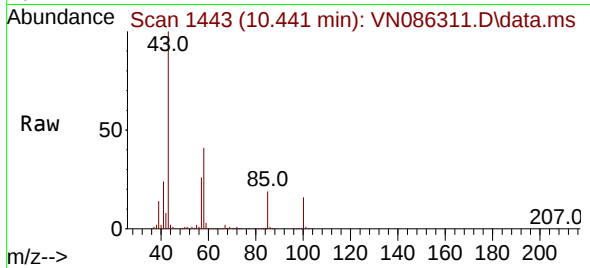
Tgt Ion:	98	Resp:	494105
Ion Ratio	Lower	Upper	
98	100		
100	65.5	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 242.476 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

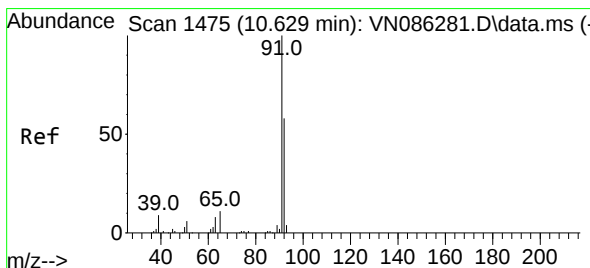
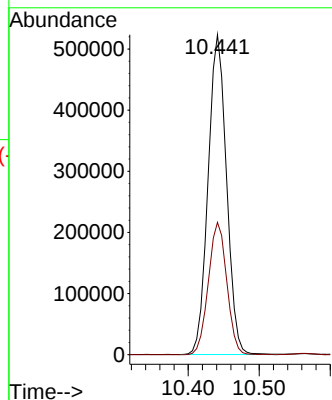
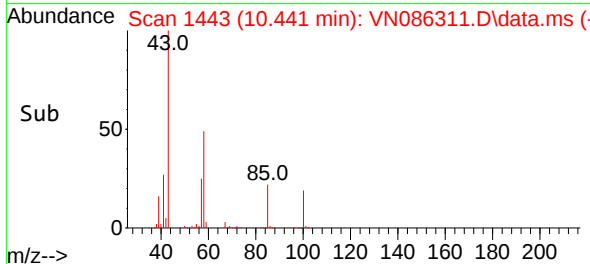
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 940610
Ion Ratio Lower Upper
43 100
58 41.5 32.2 48.4

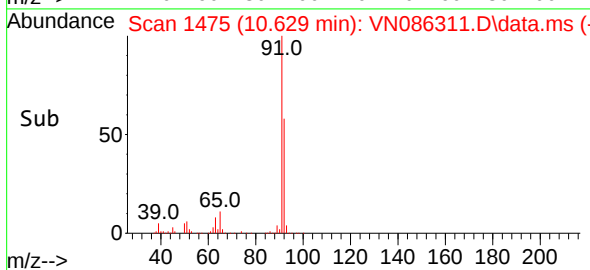
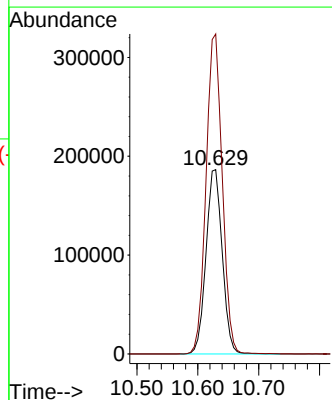
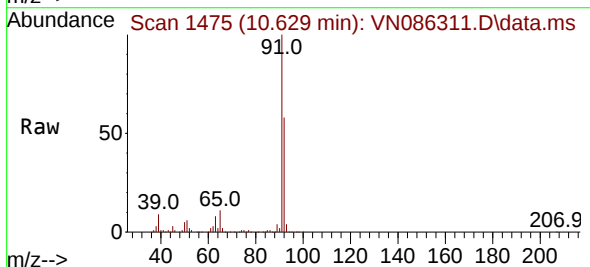
Manual Integrations
APPROVED

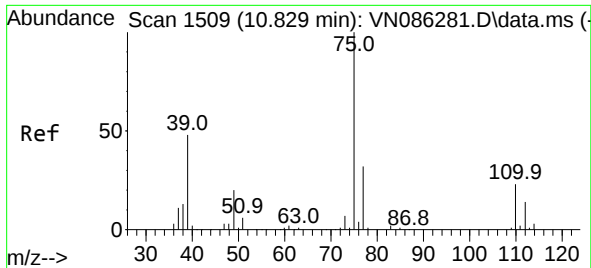
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#52
Toluene
Concen: 47.996 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

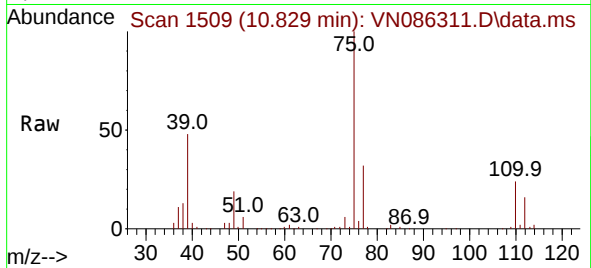
Tgt Ion: 92 Resp: 345268
Ion Ratio Lower Upper
92 100
91 173.3 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 48.257 ug/l
RT: 10.829 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

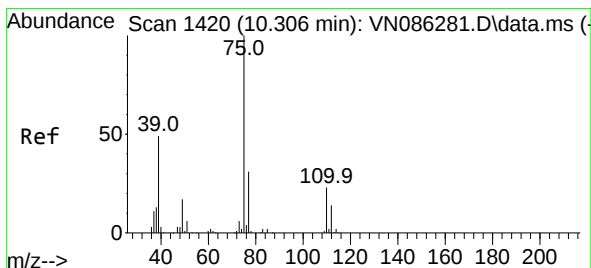
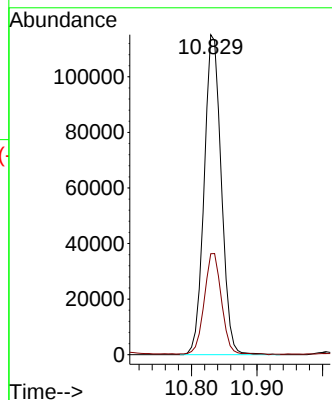
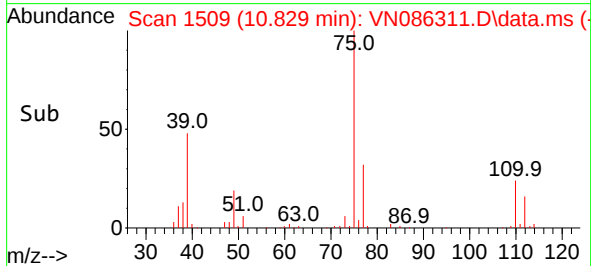
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



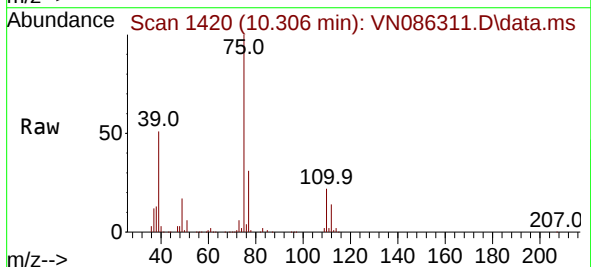
Tgt Ion: 75 Resp: 209194
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

Manual Integrations
APPROVED

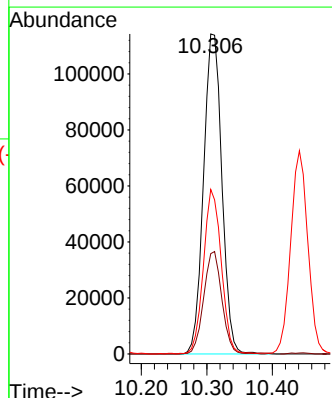
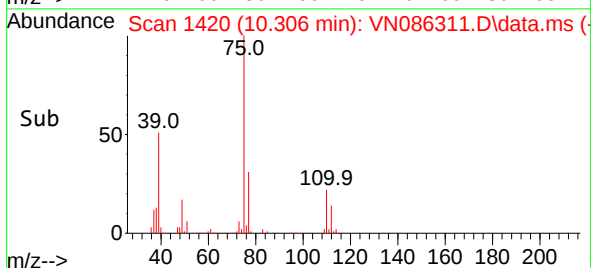
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

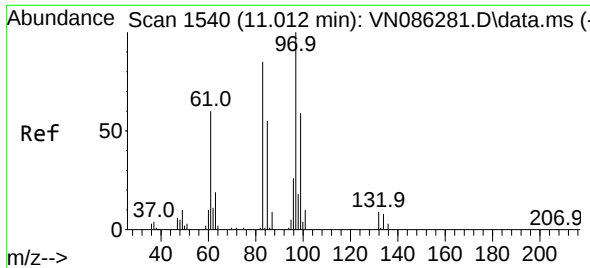


#54
cis-1,3-Dichloropropene
Concen: 46.791 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



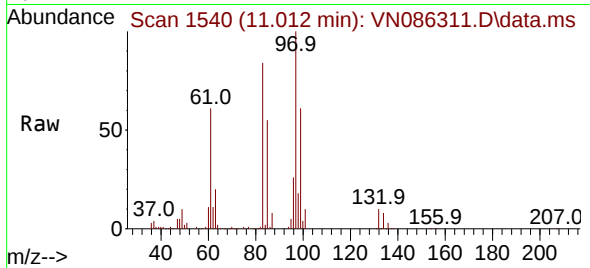
Tgt Ion: 75 Resp: 222792
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 51.2 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 49.455 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

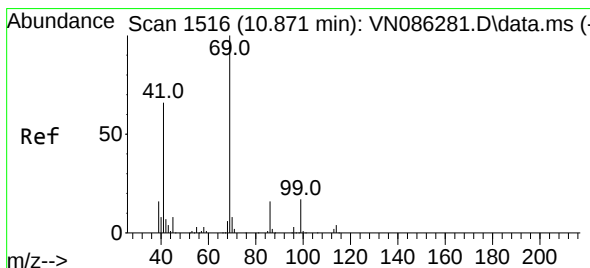
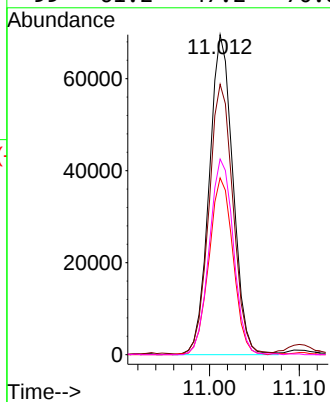
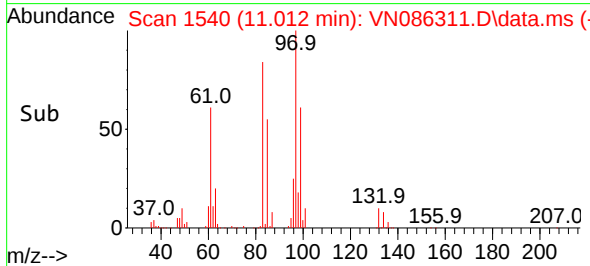
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 128000
Ion Ratio Lower Upper
97 100
83 84.3 68.4 102.6
85 55.0 43.9 65.9
99 61.2 47.2 70.8

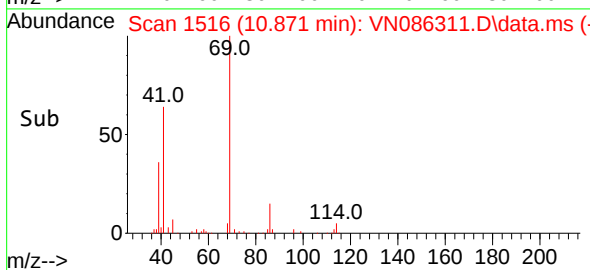
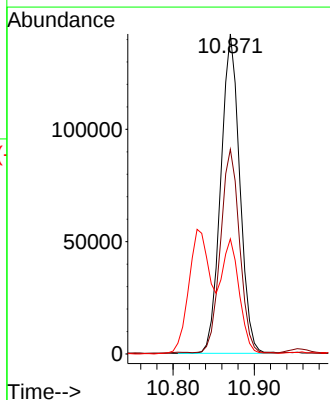
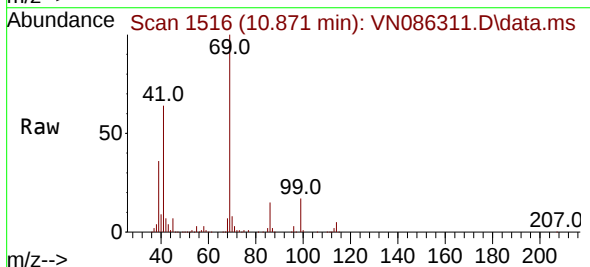
Manual Integrations
APPROVED

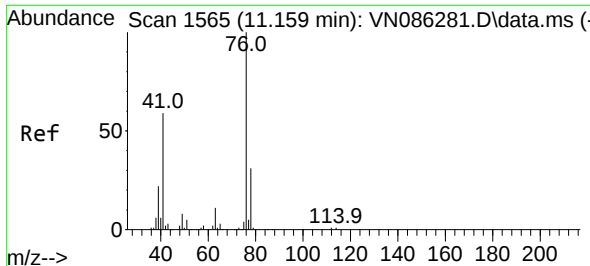
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#56
Ethyl methacrylate
Concen: 48.552 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

Tgt Ion: 69 Resp: 230984
Ion Ratio Lower Upper
69 100
41 63.9 51.7 77.5
39 32.8 26.3 39.5





#57

1,3-Dichloropropane

Concen: 48.779 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086311.D

Acq: 16 Apr 2025 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 223990

Ion Ratio Lower Upper

76 100

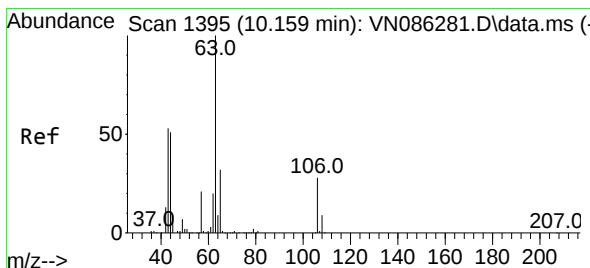
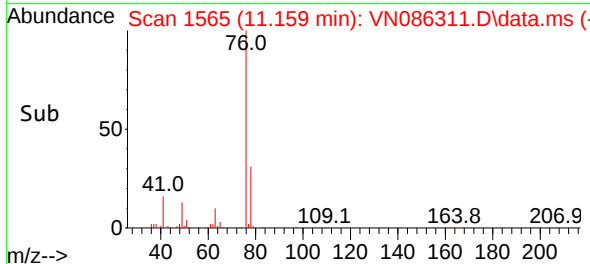
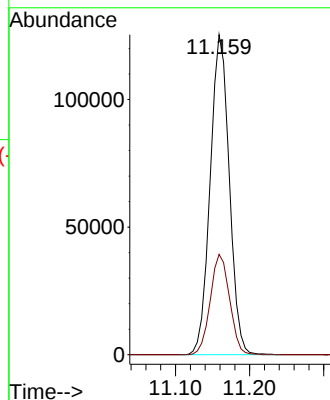
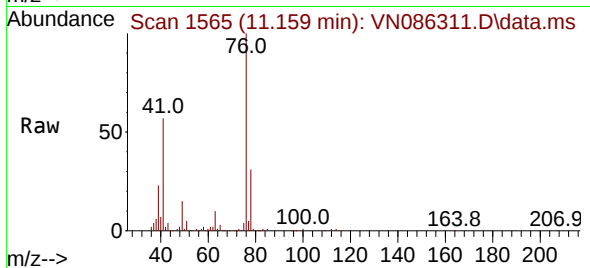
78 31.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 232.075 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086311.D

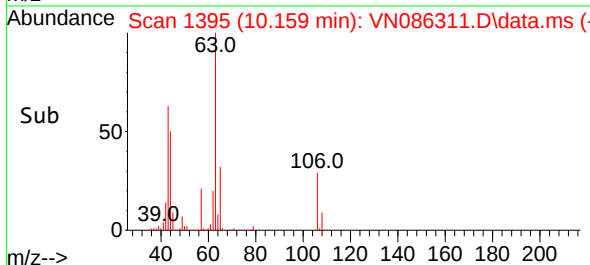
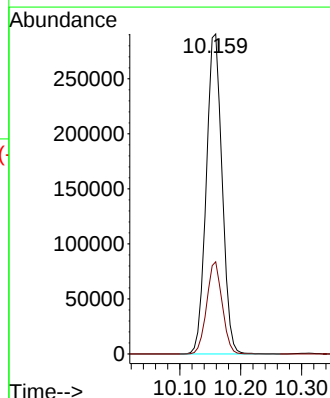
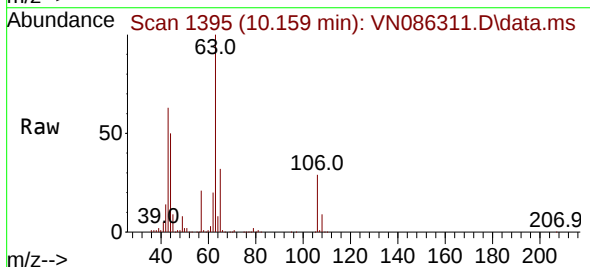
Acq: 16 Apr 2025 20:52

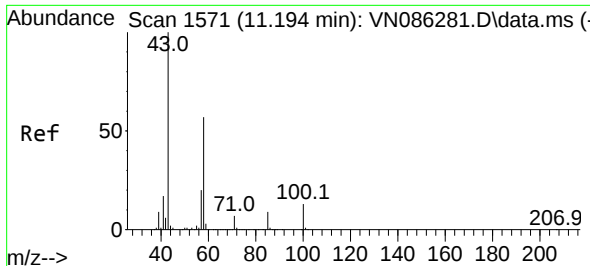
Tgt Ion: 63 Resp: 524042

Ion Ratio Lower Upper

63 100

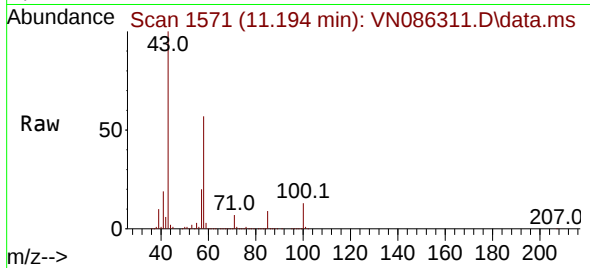
106 28.1 22.2 33.2





#59
2-Hexanone
Concen: 245.147 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

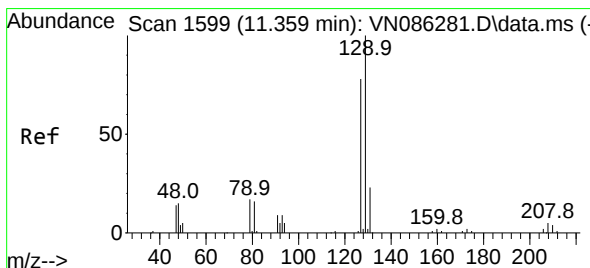
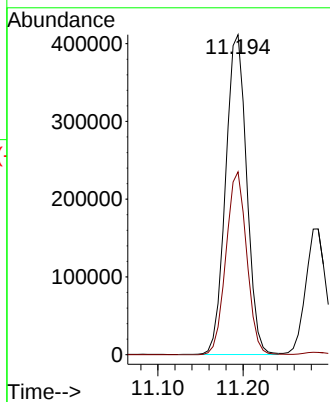
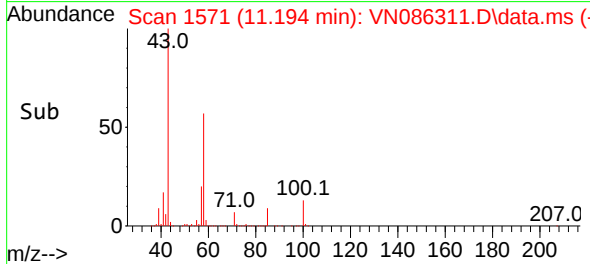
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 705369
Ion Ratio Lower Upper
43 100
58 56.3 28.3 85.0

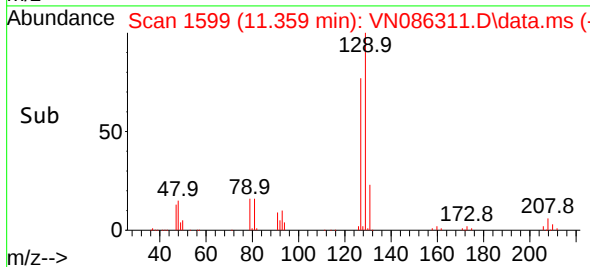
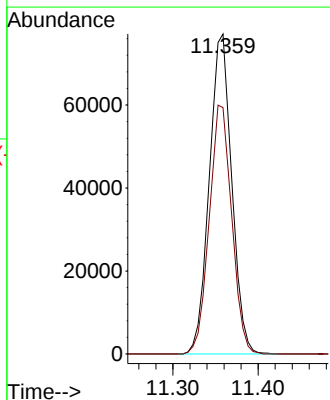
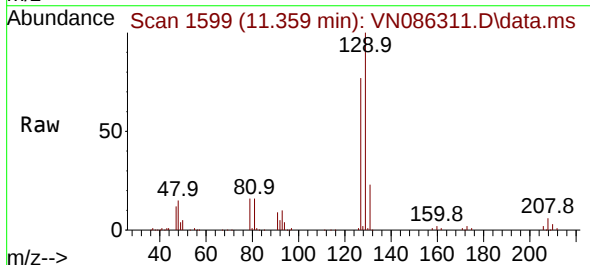
Manual Integrations
APPROVED

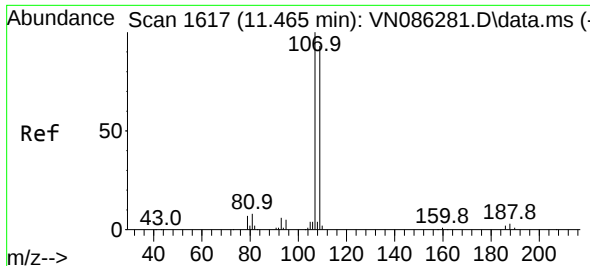
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#60
Dibromochloromethane
Concen: 49.709 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

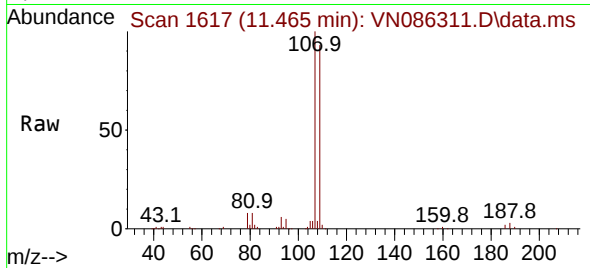
Tgt Ion:129 Resp: 141277
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 49.987 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

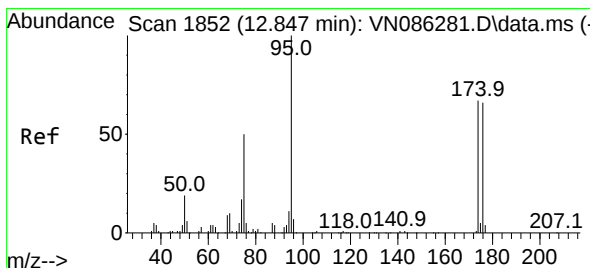
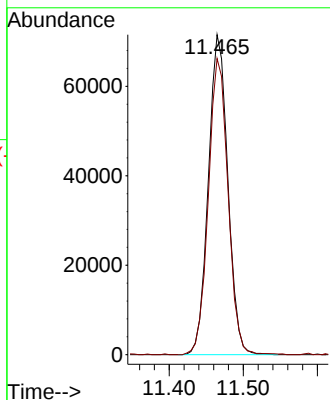
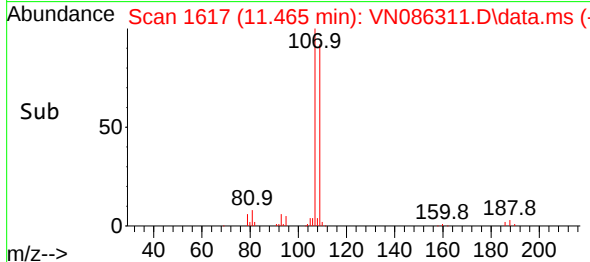
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



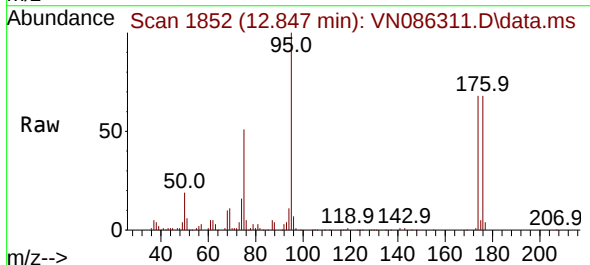
Tgt Ion:107 Resp: 130544
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.0

Manual Integrations
APPROVED

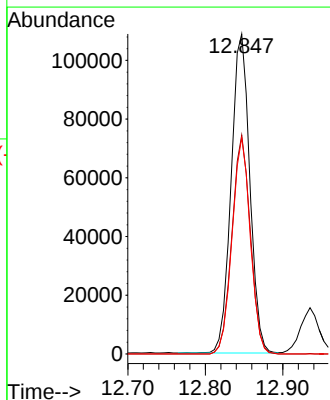
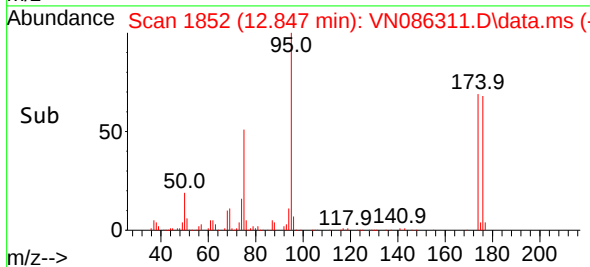
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

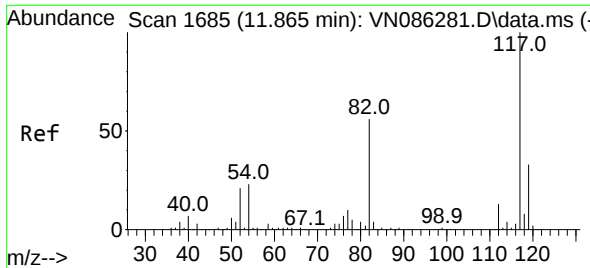


#62
4-Bromofluorobenzene
Concen: 51.785 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



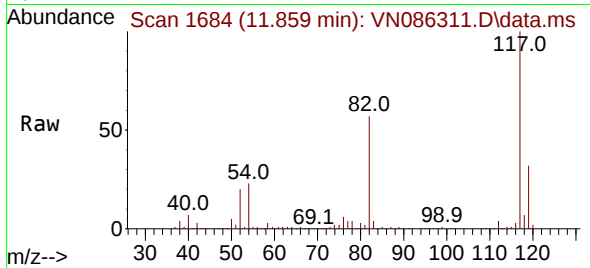
Tgt Ion: 95 Resp: 181860
Ion Ratio Lower Upper
95 100
174 67.8 0.0 133.4
176 66.2 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

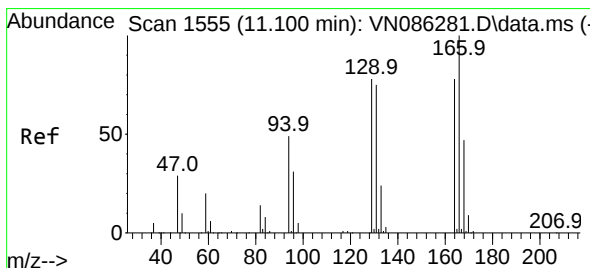
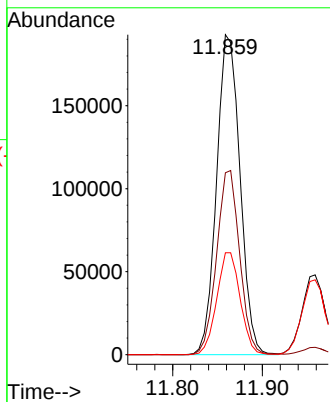
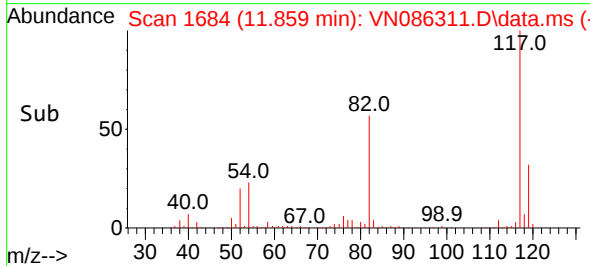
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 35030
Ion Ratio Lower Upper
117 100
82 56.9 44.7 67.1
119 31.9 26.4 39.6

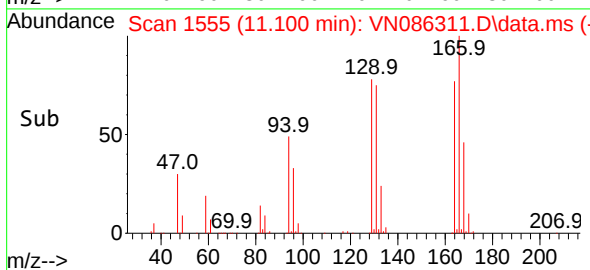
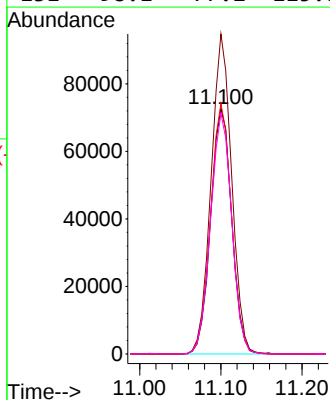
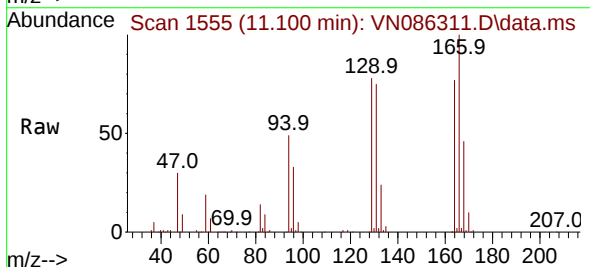
Manual Integrations
APPROVED

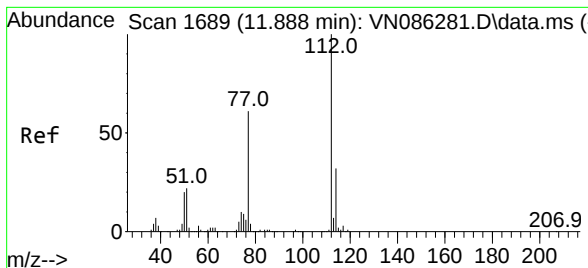
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#64
Tetrachloroethene
Concen: 48.695 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

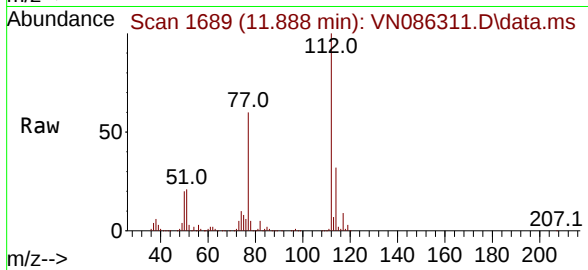
Tgt Ion:164 Resp: 131211
Ion Ratio Lower Upper
164 100
166 130.4 103.0 154.4
129 102.1 80.1 120.1
131 98.1 77.2 115.8





#65
Chlorobenzene
Concen: 46.721 ug/l
RT: 11.888 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

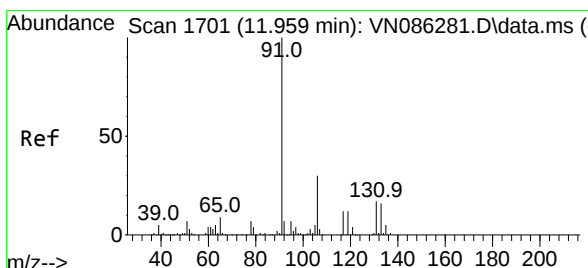
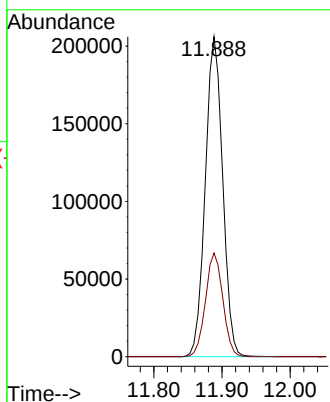
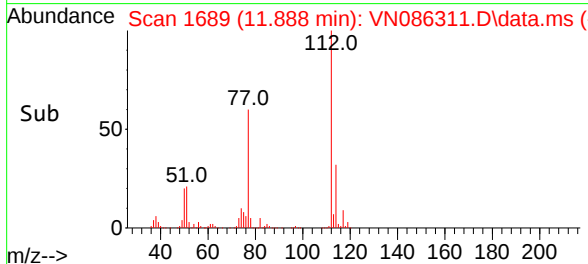
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



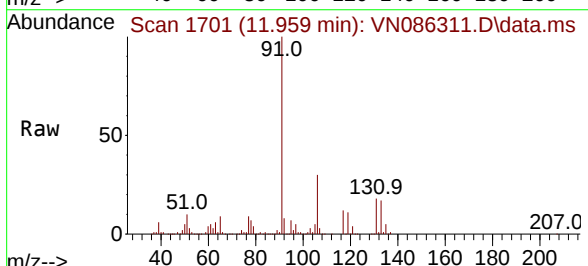
Tgt Ion:112 Resp: 365240
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0

Manual Integrations
APPROVED

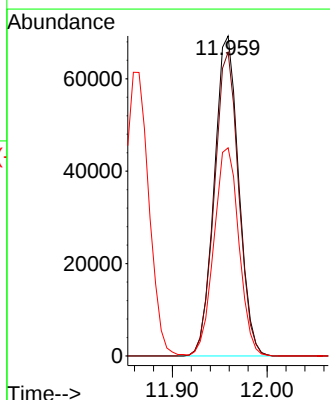
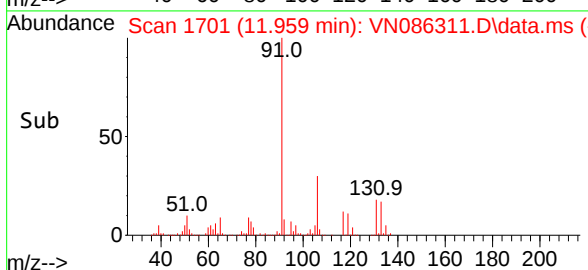
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

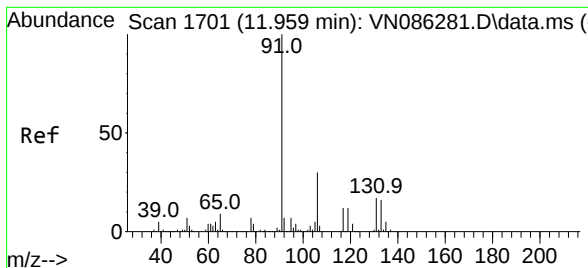


#66
1,1,1,2-Tetrachloroethane
Concen: 48.165 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



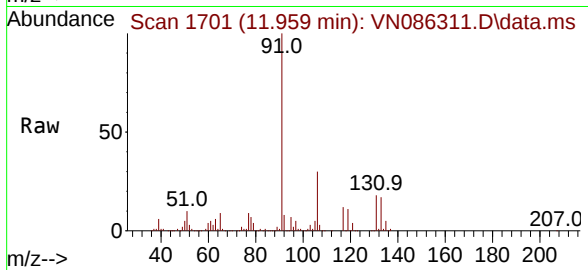
Tgt Ion:131 Resp: 124218
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.3
119 66.5 33.8 101.4





#67
Ethyl Benzene
Concen: 47.347 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

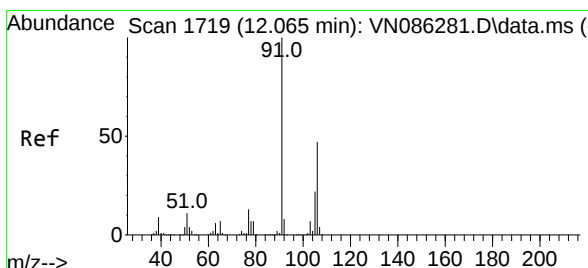
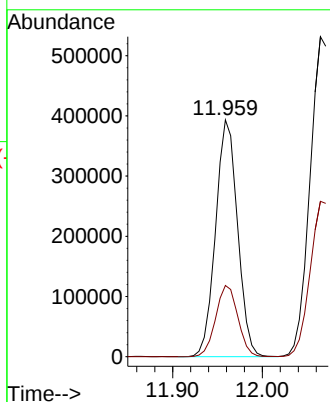
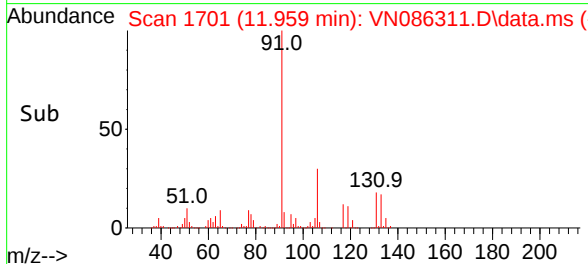
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



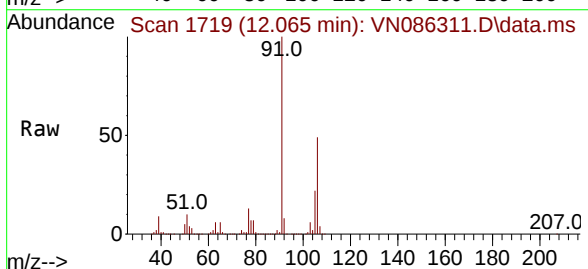
Tgt Ion: 91 Resp: 667919
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5

Manual Integrations
APPROVED

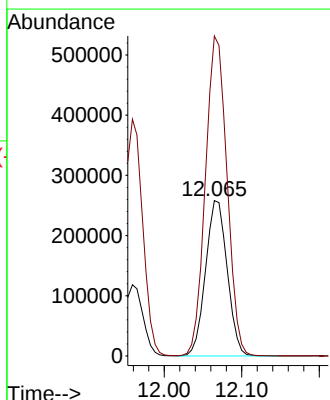
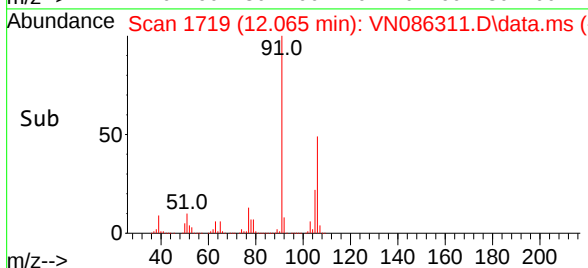
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

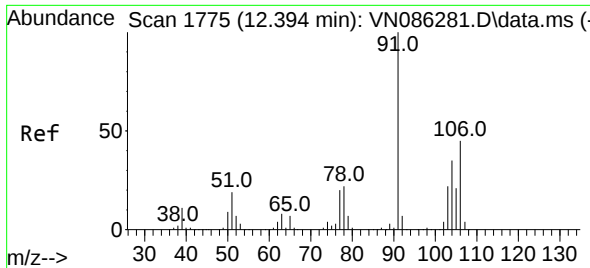


#68
m/p-Xylenes
Concen: 94.763 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



Tgt Ion:106 Resp: 500901
Ion Ratio Lower Upper
106 100
91 205.4 166.5 249.7





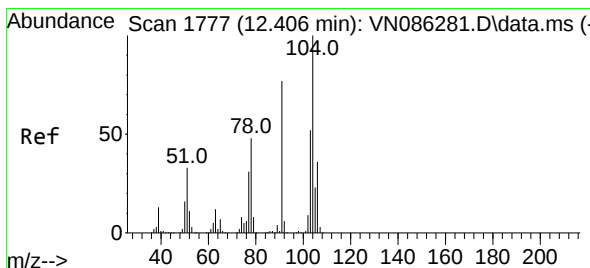
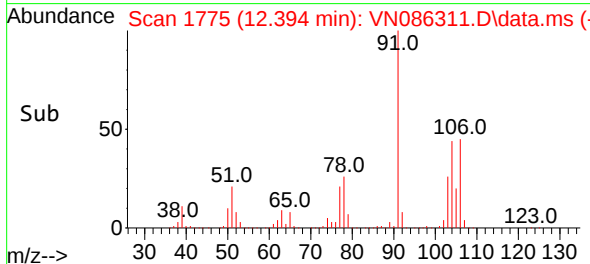
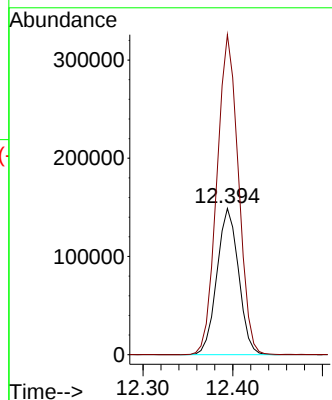
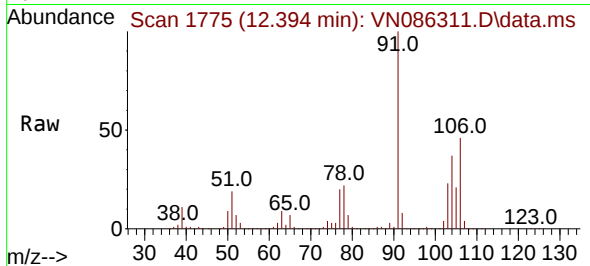
#69
o-Xylene
Concen: 47.697 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 249330
Ion Ratio Lower Upper
106 100
91 218.2 109.7 329.0

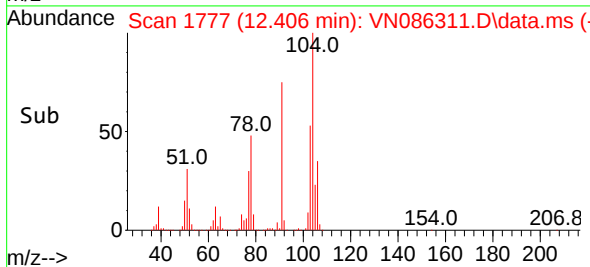
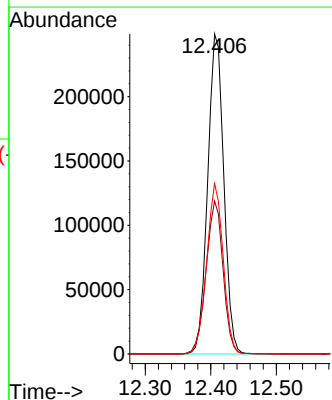
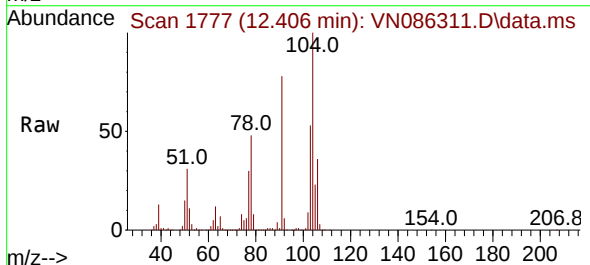
Manual Integrations
APPROVED

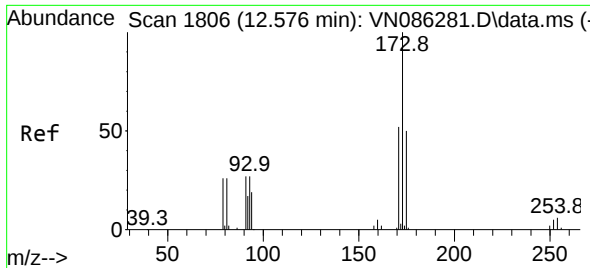
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#70
Styrene
Concen: 48.749 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

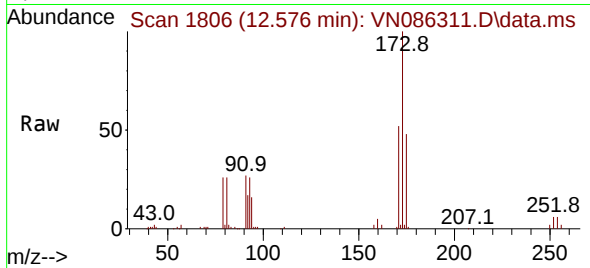
Tgt Ion:104 Resp: 424603
Ion Ratio Lower Upper
104 100
78 50.5 40.6 61.0
103 55.0 43.6 65.4





#71
Bromoform
Concen: 48.315 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

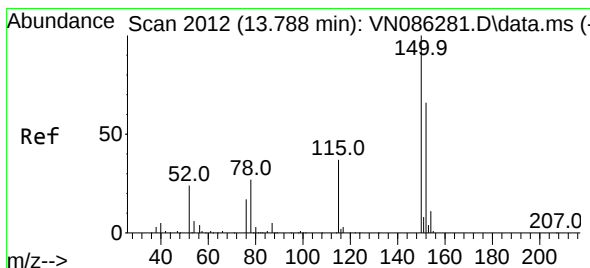
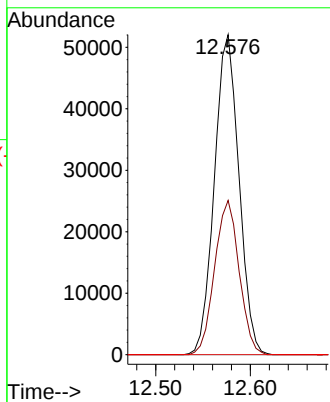
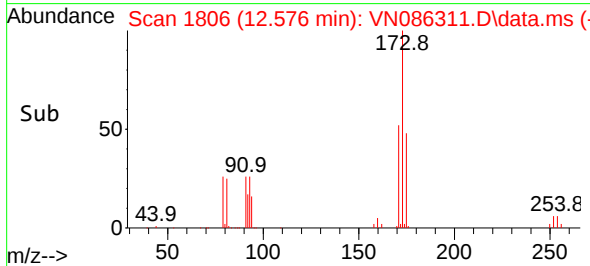
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



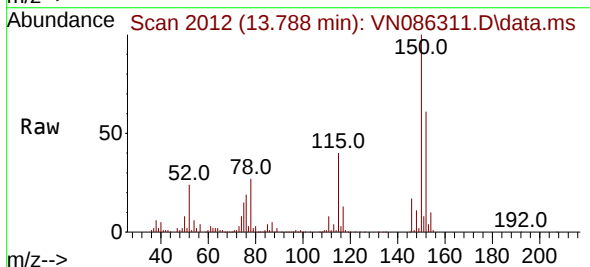
Tgt Ion:173 Resp: 93814
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

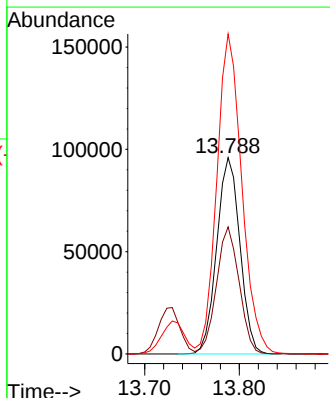
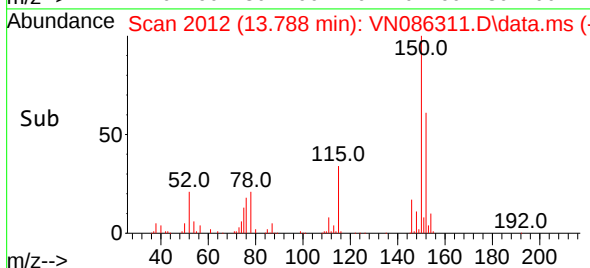
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

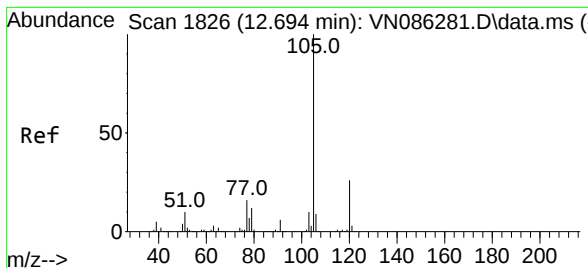


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



Tgt Ion:152 Resp: 163466
Ion Ratio Lower Upper
152 100
115 63.2 31.9 95.9
150 175.5 0.0 352.0





#73

Isopropylbenzene

Concen: 45.891 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086311.D

Acq: 16 Apr 2025 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 61364

Ion Ratio Lower Upper

105 100

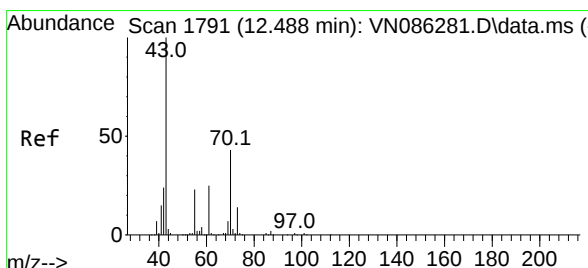
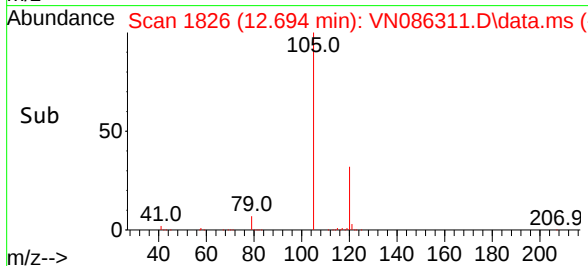
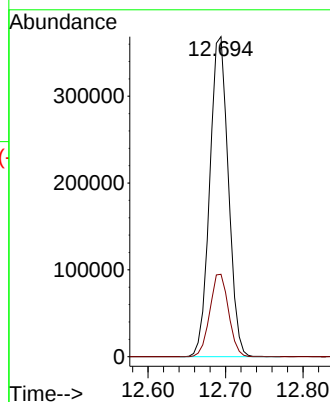
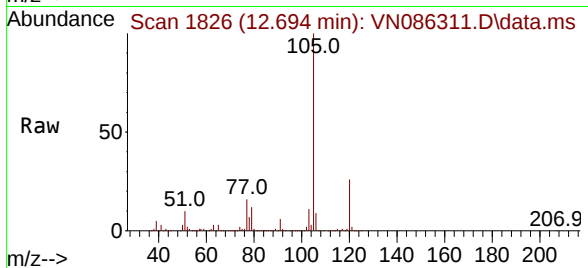
120 26.0 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#74

N-ethyl acetate

Concen: 42.123 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086311.D

Acq: 16 Apr 2025 20:52

Tgt Ion: 43 Resp: 280408

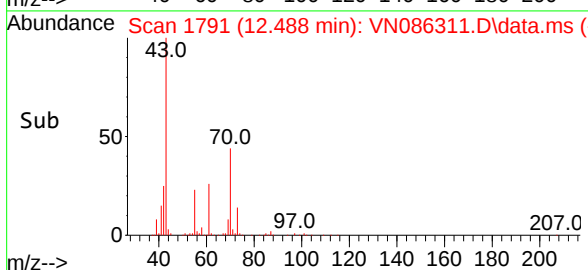
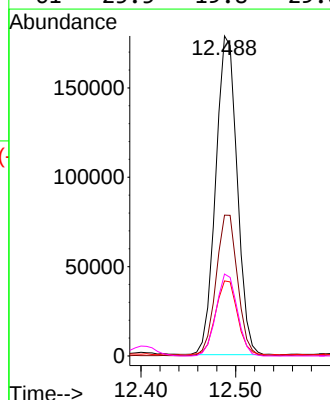
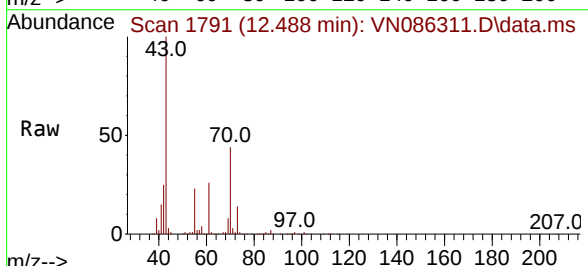
Ion Ratio Lower Upper

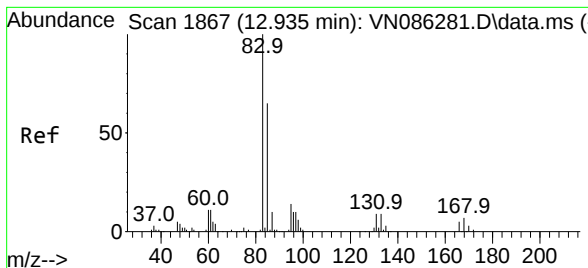
43 100

70 44.3 35.0 52.4

55 23.9 19.0 28.4

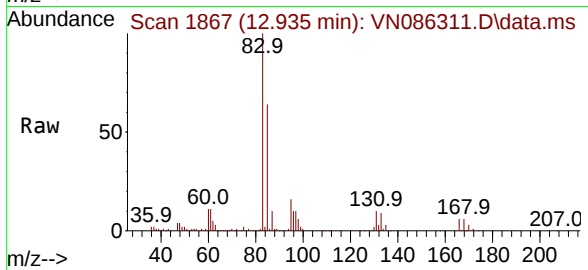
61 25.5 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 44.113 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

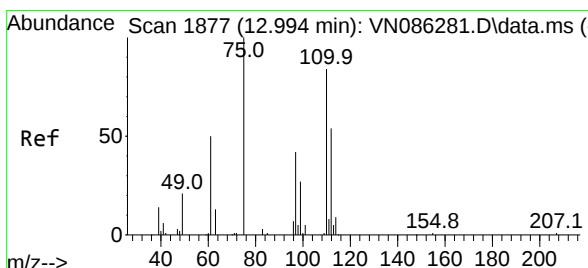
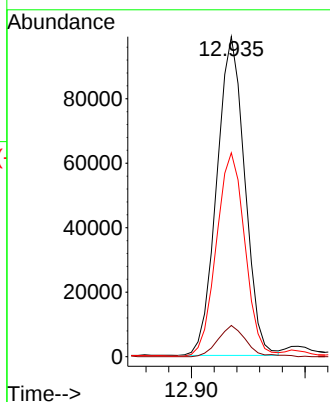
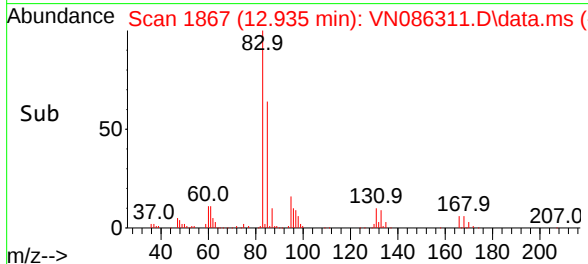
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



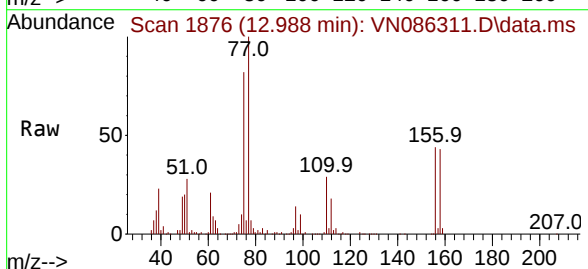
Tgt Ion: 83 Resp: 16960
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 64.9 32.7 98.1

Manual Integrations
APPROVED

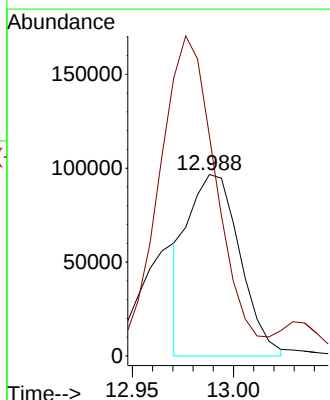
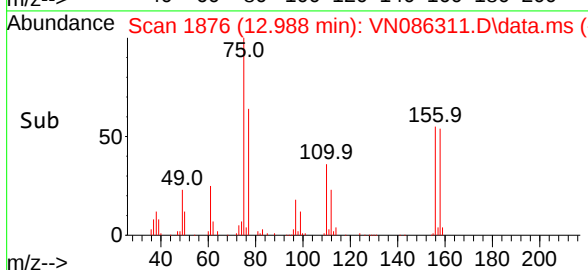
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

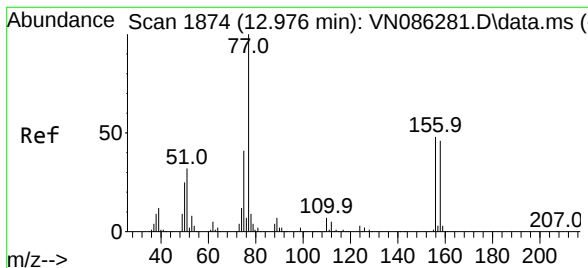


#76
1,2,3-Trichloropropane
Concen: 44.758 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



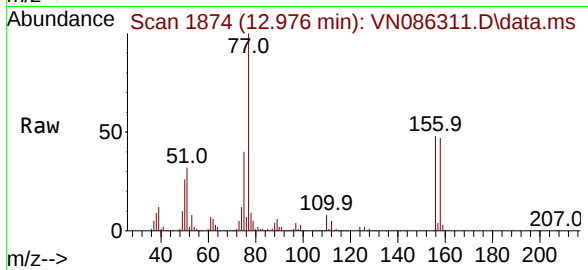
Tgt Ion: 75 Resp: 172655
Ion Ratio Lower Upper
75 100
77 196.3 98.8 296.4





#77
Bromobenzene
Concen: 47.294 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

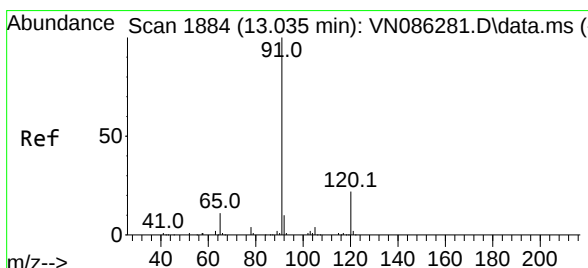
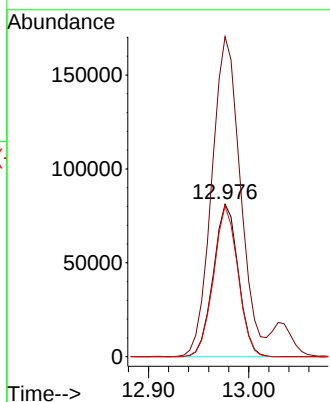
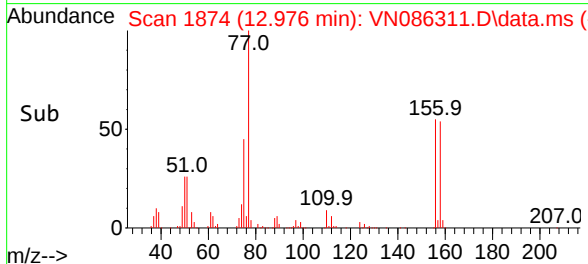
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



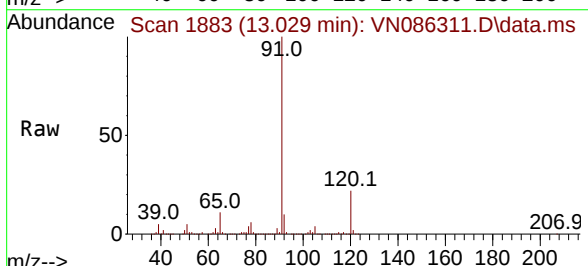
Tgt Ion:156 Resp: 140120
Ion Ratio Lower Upper
156 100
77 241.8 121.1 363.1
158 96.6 47.9 143.6

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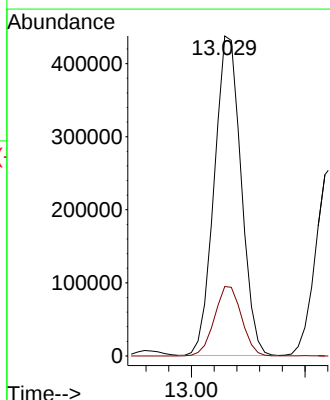
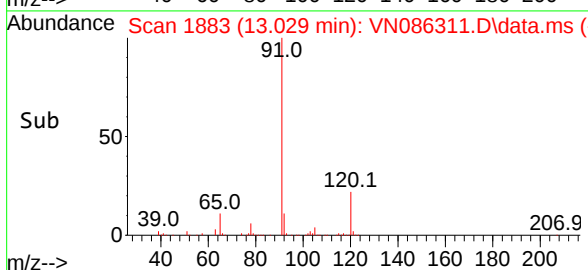
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

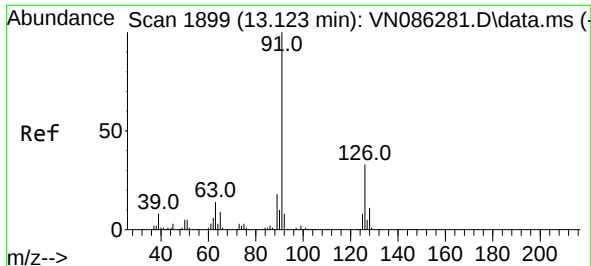


#78
n-propylbenzene
Concen: 45.530 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



Tgt Ion: 91 Resp: 717417
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3





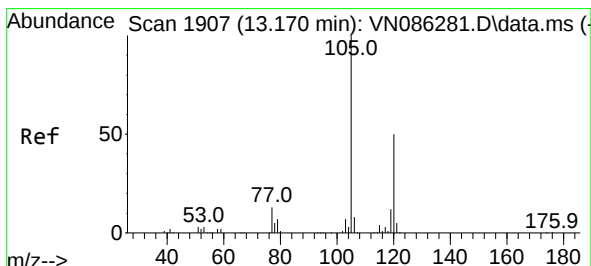
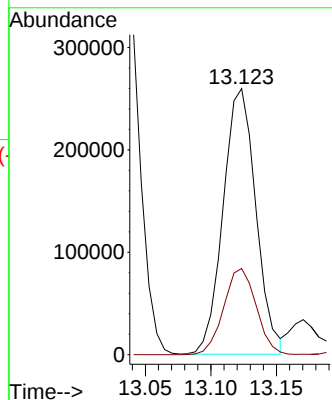
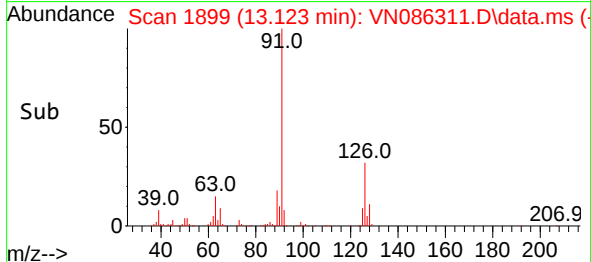
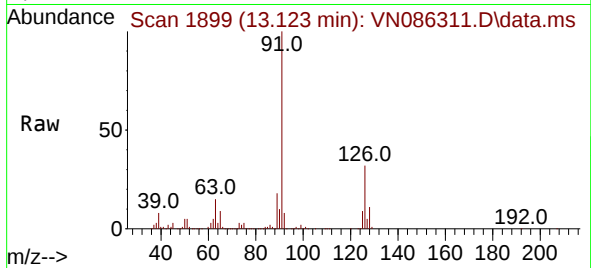
#79
2-Chlorotoluene
Concen: 45.751 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 451102
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.2

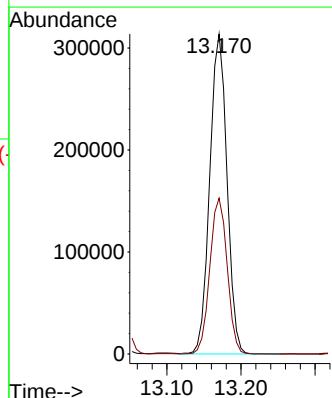
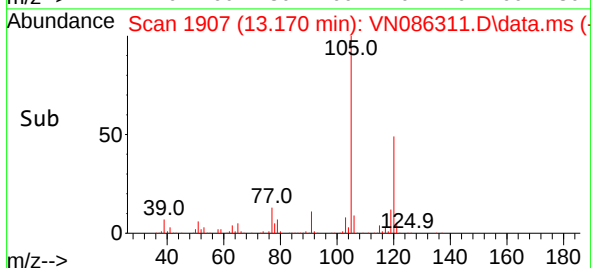
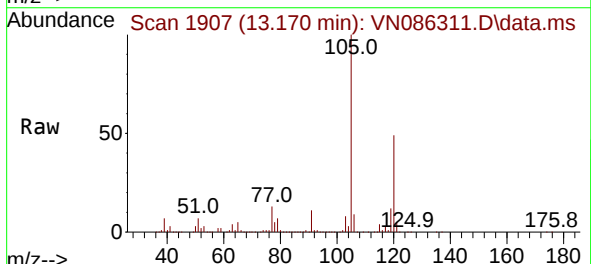
Manual Integrations
APPROVED

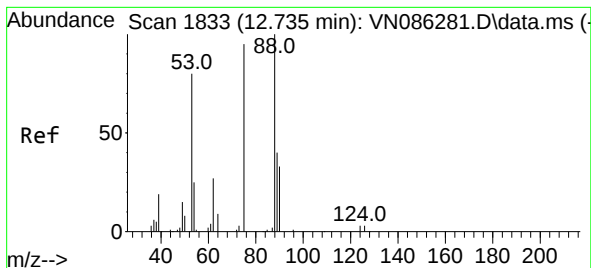
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 46.298 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

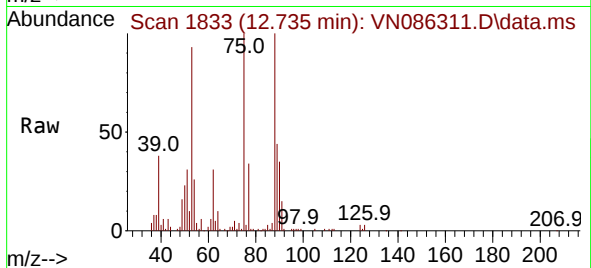
Tgt Ion:105 Resp: 506704
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 49.674 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

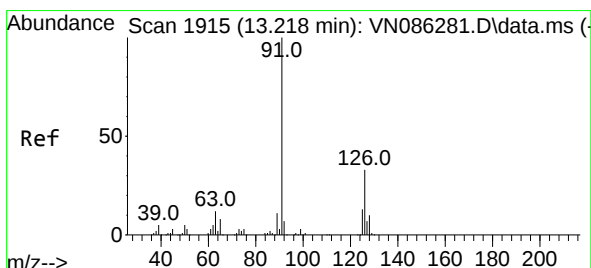
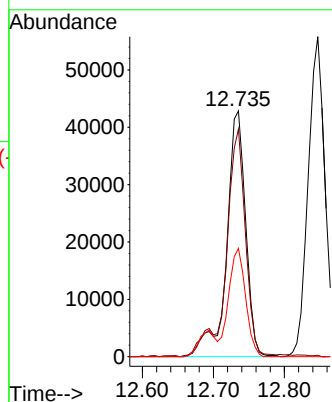
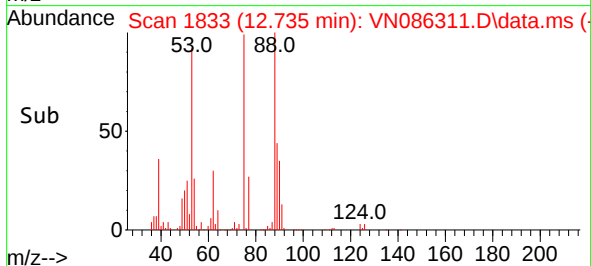
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 7978
Ion Ratio Lower Upper
75 100
53 83.7 79.2 118.8
89 39.4 35.7 53.5

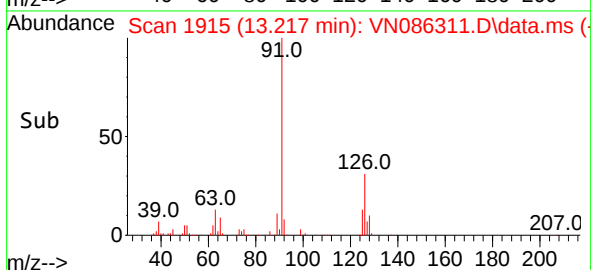
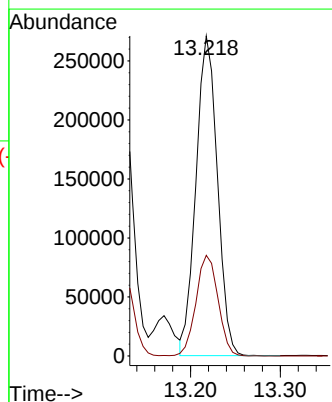
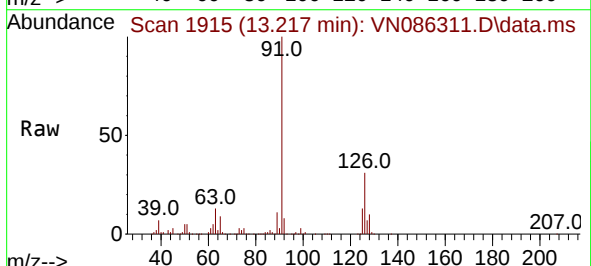
Manual Integrations
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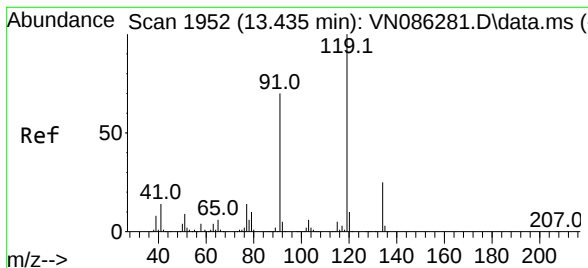
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#82
4-Chlorotoluene
Concen: 45.708 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

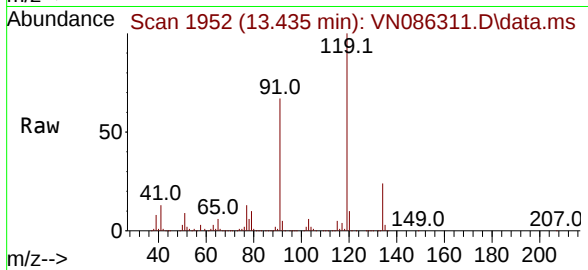
Tgt Ion: 91 Resp: 447683
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.6





#83
tert-Butylbenzene
Concen: 45.636 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

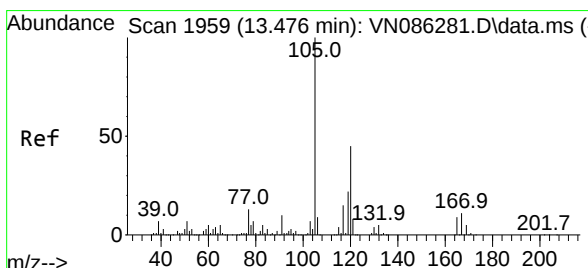
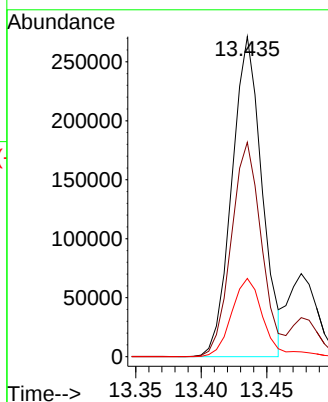
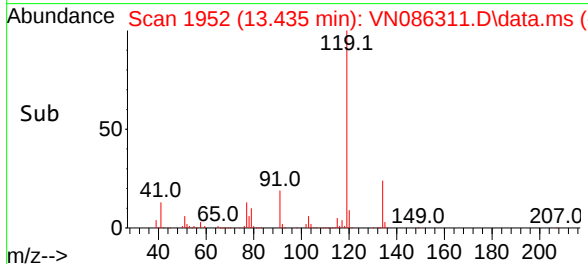
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



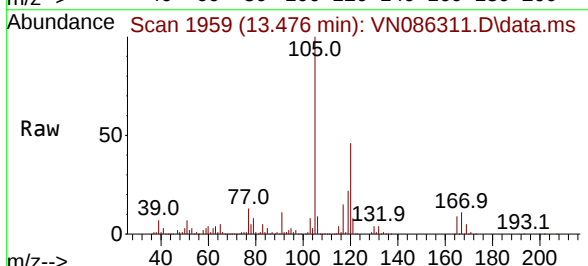
Tgt Ion:119 Resp: 432777
Ion Ratio Lower Upper
119 100
91 67.9 34.4 103.3
134 26.1 13.0 39.0

Manual Integrations
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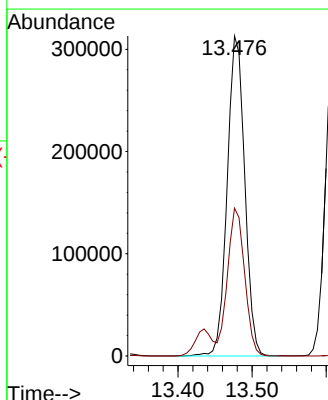
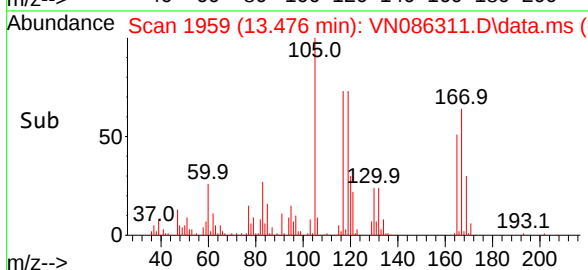
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

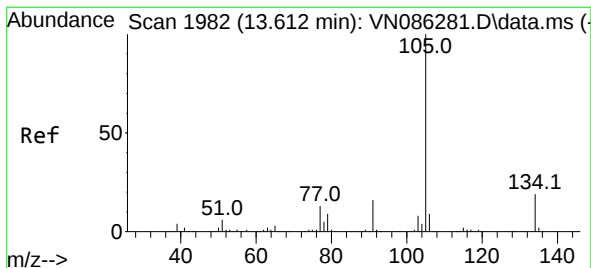


#84
1,2,4-Trimethylbenzene
Concen: 46.055 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



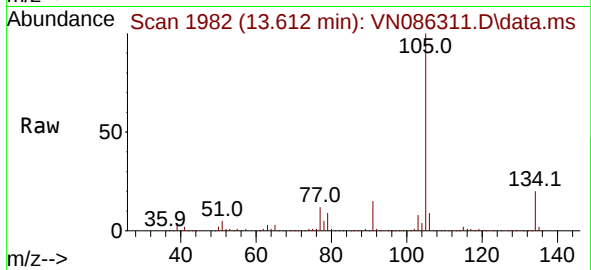
Tgt Ion:105 Resp: 513069
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 45.596 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086311.D
 Acq: 16 Apr 2025 20:52

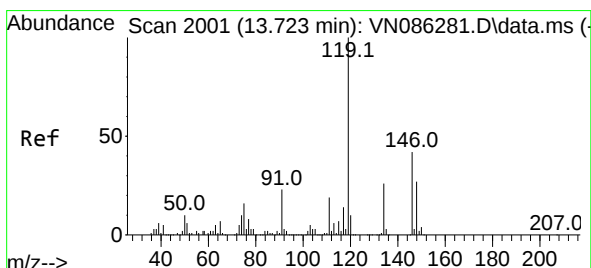
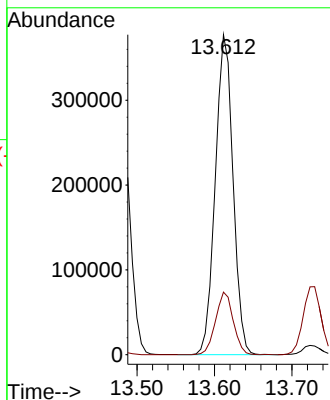
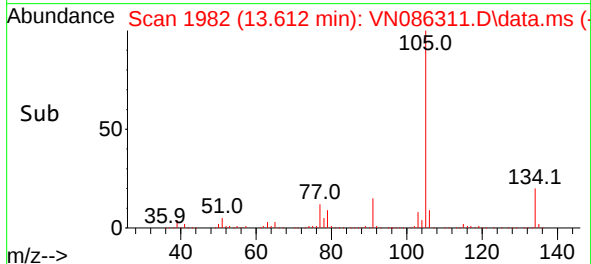
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



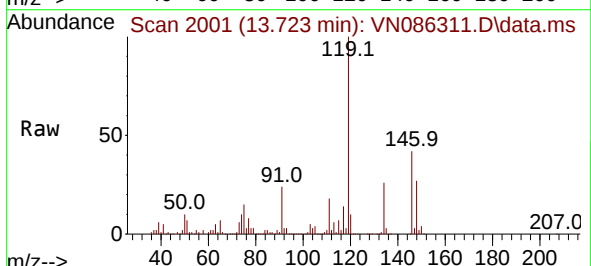
Tgt Ion:105 Resp: 599752
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

Manual Integrations
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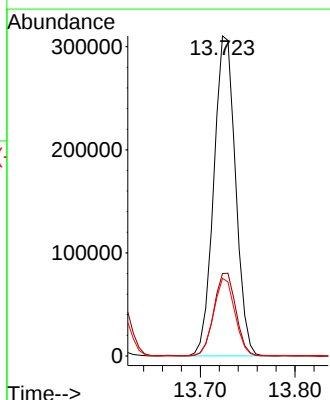
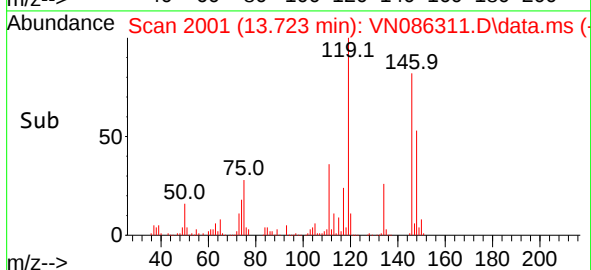
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025

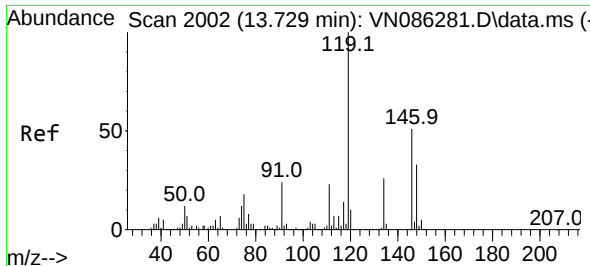


#86
 p-Isopropyltoluene
 Concen: 45.677 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086311.D
 Acq: 16 Apr 2025 20:52



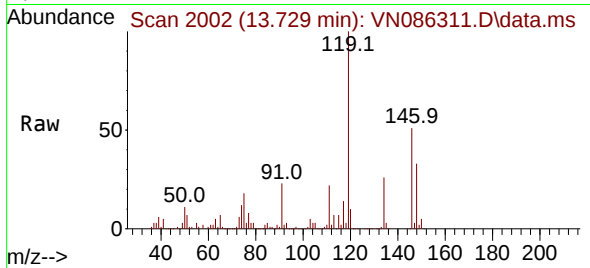
Tgt Ion:119 Resp: 495233
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.7 11.9 35.9





#87
 1,3-Dichlorobenzene
 Concen: 47.158 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086311.D
 Acq: 16 Apr 2025 20:52

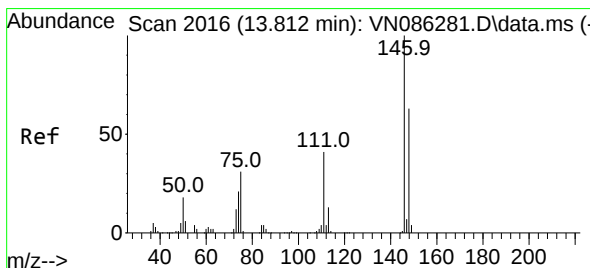
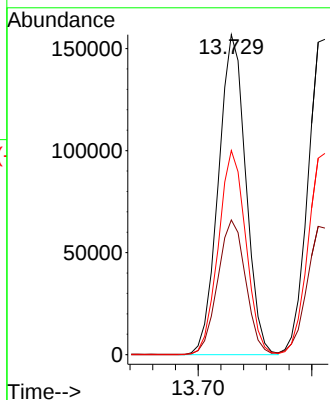
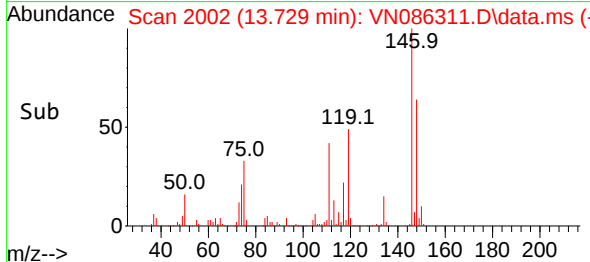
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



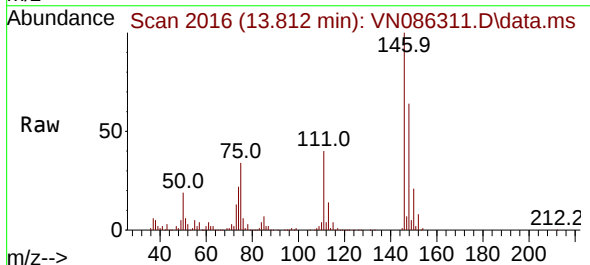
Tgt Ion:146 Resp: 26265
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.9 65.7
 148 63.8 31.9 95.5

Manual Integrations
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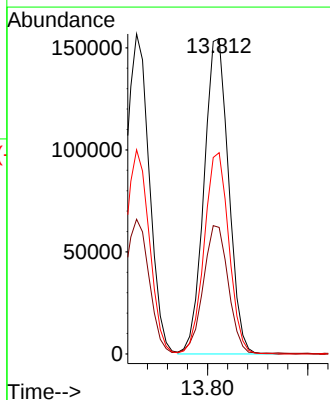
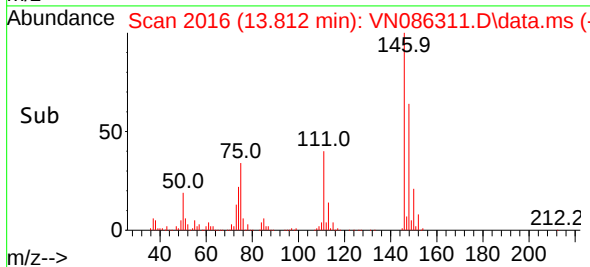
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025

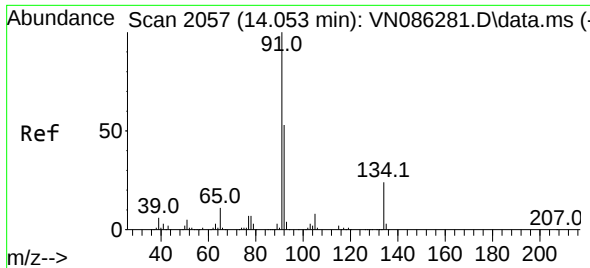


#88
 1,4-Dichlorobenzene
 Concen: 46.824 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086311.D
 Acq: 16 Apr 2025 20:52



Tgt Ion:146 Resp: 262681
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.3 63.9
 148 64.1 31.9 95.9





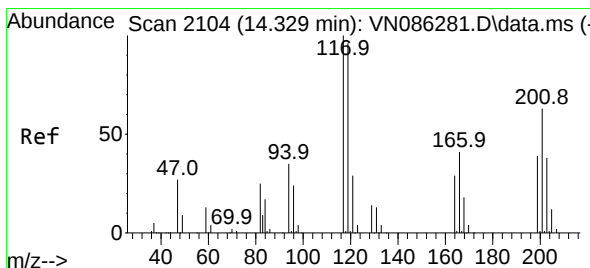
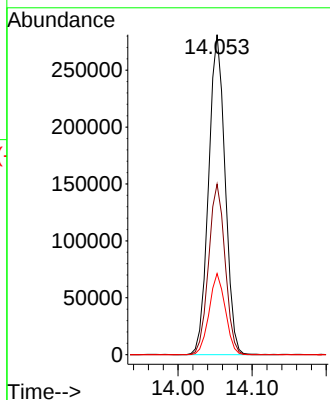
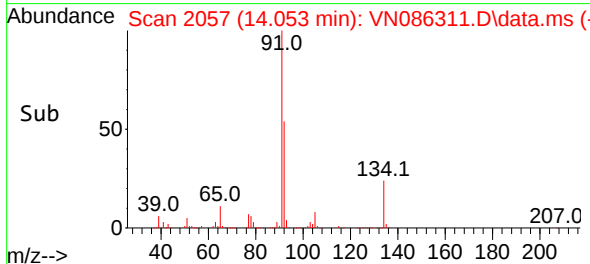
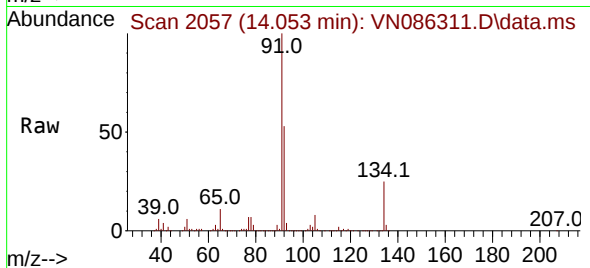
#89
n-Butylbenzene
Concen: 45.261 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 43496
Ion Ratio Lower Upper
91 100
92 53.1 26.8 80.4
134 24.8 12.2 36.6

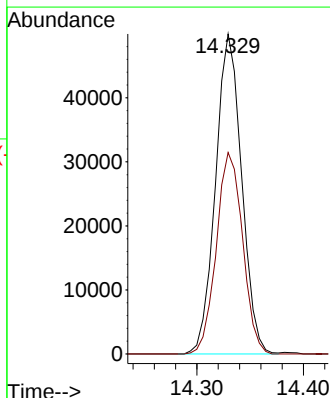
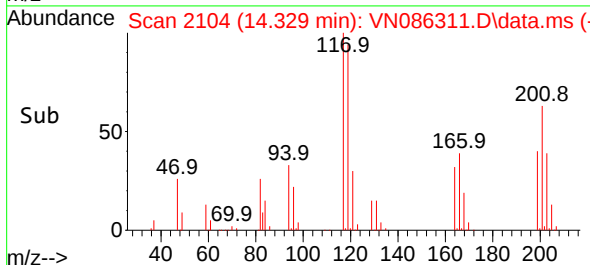
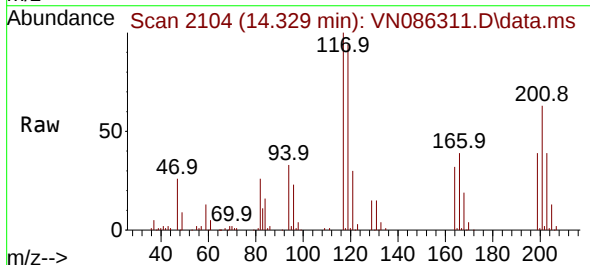
Manual Integrations
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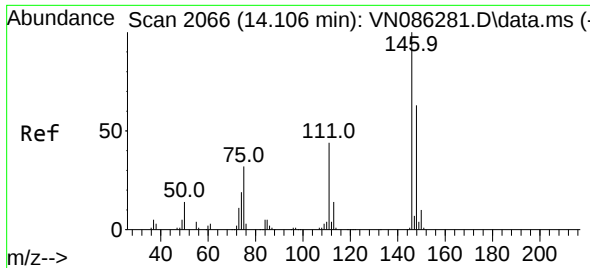
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#90
Hexachloroethane
Concen: 46.583 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

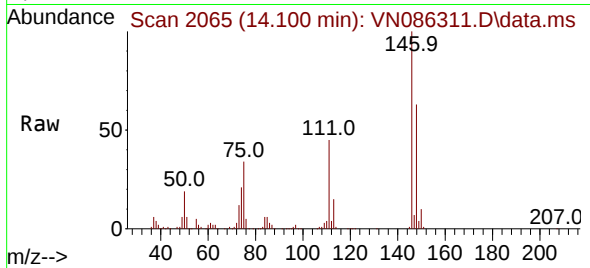
Tgt Ion:117 Resp: 84953
Ion Ratio Lower Upper
117 100
201 63.3 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 48.138 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

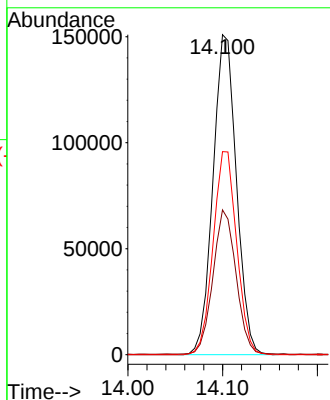
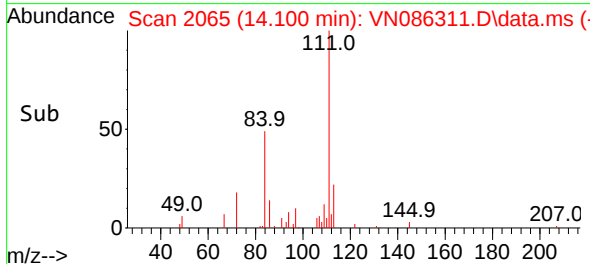
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



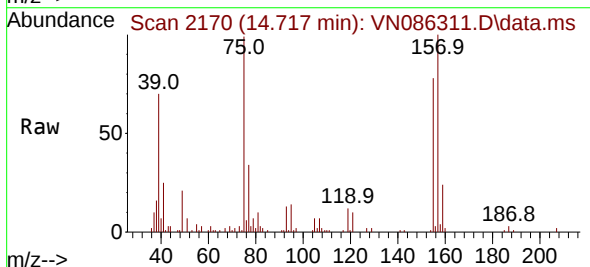
Tgt Ion:146 Resp: 25994
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 63.8 31.8 95.4

Manual Integrations
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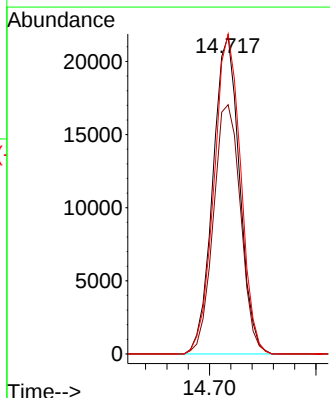
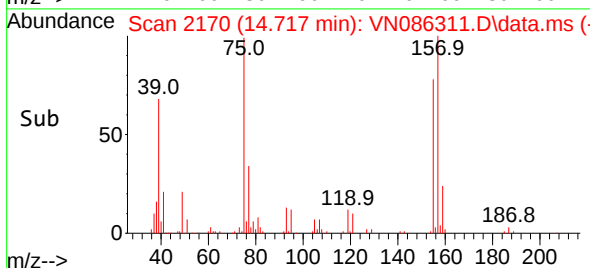
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

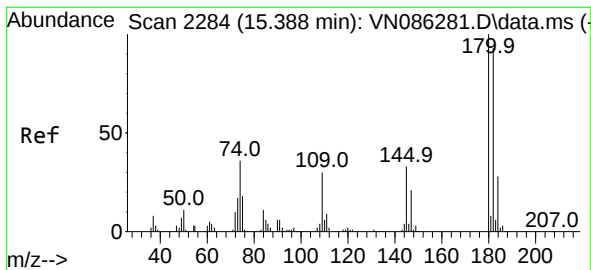


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.506 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



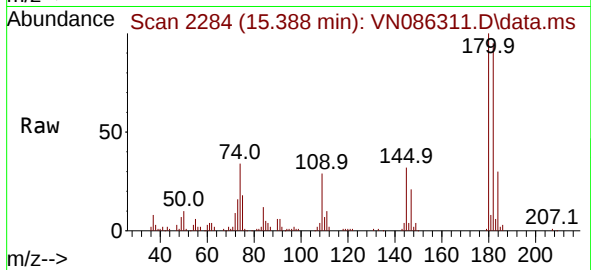
Tgt Ion: 75 Resp: 37604
Ion Ratio Lower Upper
75 100
155 80.5 40.3 120.9
157 100.9 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 48.507 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

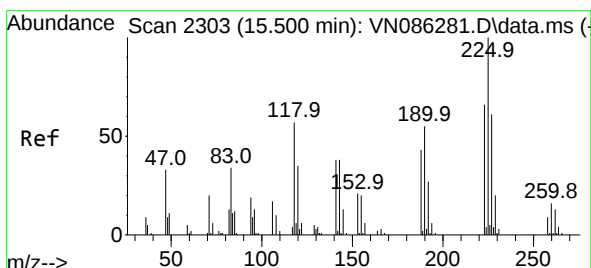
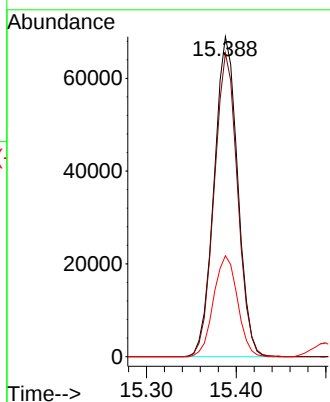
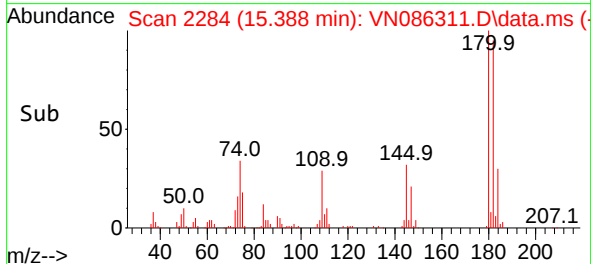
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



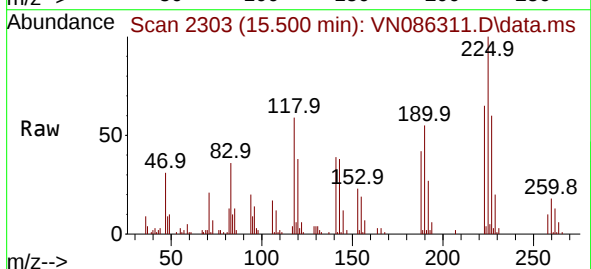
Tgt Ion:180 Resp: 125428
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.0
145 32.0 16.4 49.1

Manual Integrations
APPROVED

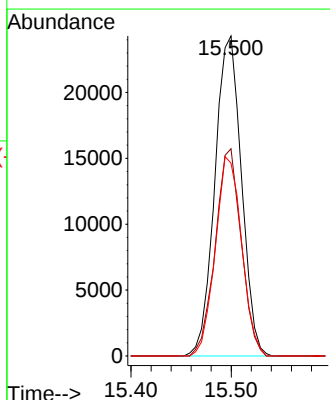
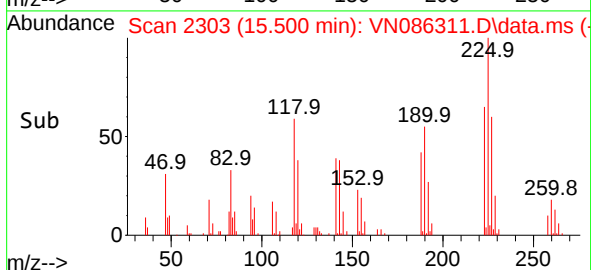
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

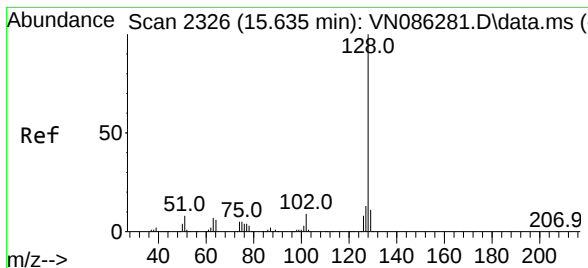


#94
Hexachlorobutadiene
Concen: 45.715 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52



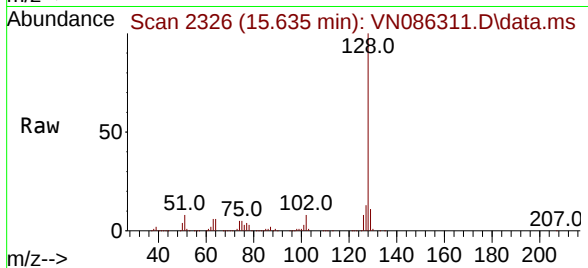
Tgt Ion:225 Resp: 44622
Ion Ratio Lower Upper
225 100
223 63.1 32.8 98.3
227 61.7 31.4 94.0





#95
Naphthalene
Concen: 50.072 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

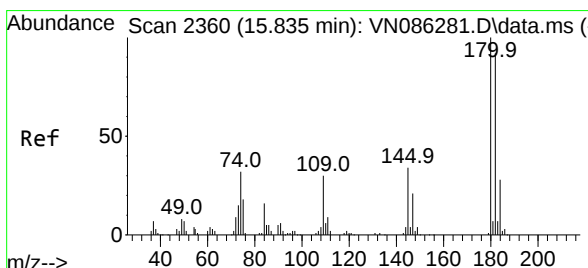
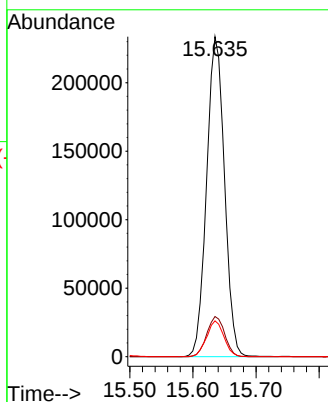
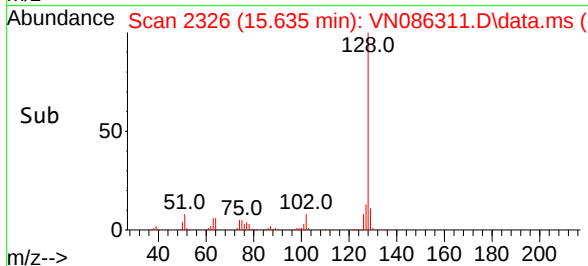
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 458964
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.0 8.6 13.0

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#96
1,2,3-Trichlorobenzene
Concen: 48.086 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086311.D
Acq: 16 Apr 2025 20:52

Tgt Ion:180 Resp: 117717
Ion Ratio Lower Upper
180 100
182 94.2 47.3 142.0
145 34.0 17.2 51.5

