

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086023.D
 Acq On : 19 Mar 2025 20:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 20 01:39:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/20/2025
 Supervised By : Mahesh Dadoda 03/20/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	170627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106265	45.481	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.960%		
35) Dibromofluoromethane	8.165	113	86241	45.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.320%		
50) Toluene-d8	10.565	98	322105	46.474	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.940%		
62) 4-Bromofluorobenzene	12.847	95	118432	47.914	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	102019	45.130	ug/l	99
3) Chloromethane	2.360	50	81949	41.352	ug/l	99
4) Vinyl Chloride	2.512	62	90313	44.571	ug/l	100
5) Bromomethane	2.954	94	56992	41.292	ug/l	94
6) Chloroethane	3.118	64	53398	41.773	ug/l	95
7) Trichlorofluoromethane	3.501	101	166249	45.641	ug/l	97
8) Diethyl Ether	3.959	74	50987	45.725	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	85199	44.010	ug/l	98
10) Methyl Iodide	4.589	142	121515	48.173	ug/l	92
11) Tert butyl alcohol	5.512	59	54886	165.918	ug/l #	84
12) 1,1-Dichloroethene	4.342	96	85790	49.077	ug/l	95
13) Acrolein	4.177	56	74467	211.058	ug/l	95
14) Allyl chloride	5.030	41	98326	45.087	ug/l	98
15) Acrylonitrile	5.718	53	188019	215.212	ug/l	99
16) Acetone	4.418	43	135215	189.427	ug/l	100
17) Carbon Disulfide	4.712	76	248599	43.243	ug/l	97
18) Methyl Acetate	5.024	43	73803	41.789	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	274793	47.972	ug/l	98
20) Methylene Chloride	5.277	84	97204	46.549	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	90284	47.260	ug/l	94
22) Diisopropyl ether	6.671	45	236247	50.835	ug/l	98
23) Vinyl Acetate	6.600	43	860865	244.360	ug/l	100
24) 1,1-Dichloroethane	6.565	63	162012	47.408	ug/l	99
25) 2-Butanone	7.477	43	209967	203.854	ug/l	97
26) 2,2-Dichloropropane	7.489	77	137297	41.731	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	106373	49.000	ug/l	99
28) Bromochloromethane	7.812	49	65883	45.503	ug/l	100
29) Tetrahydrofuran	7.836	42	140300	220.640	ug/l	99
30) Chloroform	7.959	83	178693	47.307	ug/l	97
31) Cyclohexane	8.253	56	131500	45.169	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	172436	48.226	ug/l	99
36) 1,1-Dichloropropene	8.371	75	121559	48.341	ug/l	99
37) Ethyl Acetate	7.559	43	89270	42.080	ug/l	98
38) Carbon Tetrachloride	8.359	117	158666	47.989	ug/l	99
39) Methylcyclohexane	9.600	83	118134	47.351	ug/l	96
40) Benzene	8.606	78	383753	48.613	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	49977	49.336	ug/l	92
42) 1,2-Dichloroethane	8.671	62	128200	46.608	ug/l	100
43) Isopropyl Acetate	8.683	43	157128	34.180	ug/l	98
44) Trichloroethene	9.347	130	91724	44.832	ug/l	98
45) 1,2-Dichloropropane	9.618	63	88559	49.324	ug/l	99
46) Dibromomethane	9.706	93	66469	47.075	ug/l	100
47) Bromodichloromethane	9.883	83	142541	48.303	ug/l	97
48) Methyl methacrylate	9.677	41	71208	46.941	ug/l	99
49) 1,4-Dioxane	9.688	88	30237	843.183	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	459323	226.558	ug/l	100
52) Toluene	10.630	92	246917	50.964	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	137660	48.034	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	147619	48.820	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	89917	48.625	ug/l	97
56) Ethyl methacrylate	10.871	69	131555	46.299	ug/l	99
57) 1,3-Dichloropropane	11.159	76	151167	48.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	295138	264.177	ug/l	98
59) 2-Hexanone	11.194	43	333733	225.962	ug/l	98
60) Dibromochloromethane	11.359	129	117555	49.265	ug/l	99
61) 1,2-Dibromoethane	11.465	107	91220	48.051	ug/l	99
64) Tetrachloroethene	11.100	164	88300	44.618	ug/l	98
65) Chlorobenzene	11.888	112	265547	46.777	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	102449	48.547	ug/l	99
67) Ethyl Benzene	11.959	91	463101	50.997	ug/l	100
68) m/p-Xylenes	12.065	106	370768	103.879	ug/l	100
69) o-Xylene	12.394	106	173466	52.953	ug/l	100
70) Styrene	12.406	104	299643	53.553	ug/l	99
71) Bromoform	12.576	173	82002	46.483	ug/l #	99
73) Isopropylbenzene	12.694	105	432471	47.103	ug/l	99
74) N-amyl acetate	12.488	43	136517	44.442	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	126538	40.737	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	118163m	39.256	ug/l	
77) Bromobenzene	12.976	156	112674	44.011	ug/l	99
78) n-propylbenzene	13.035	91	516089	49.640	ug/l	99
79) 2-Chlorotoluene	13.124	91	332016	48.079	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	386831	49.902	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	44650m	39.217	ug/l	
82) 4-Chlorotoluene	13.218	91	333147	46.913	ug/l	99
83) tert-Butylbenzene	13.435	119	312967	47.206	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	394217	50.421	ug/l	99
85) sec-Butylbenzene	13.612	105	427207	49.395	ug/l	100
86) p-Isopropyltoluene	13.723	119	367016	50.130	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	210451	45.605	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	208303	42.963	ug/l	99
89) n-Butylbenzene	14.053	91	287064	48.149	ug/l	99
90) Hexachloroethane	14.329	117	74747	44.246	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	204103	44.492	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	25461	41.063	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	97082	42.088	ug/l	99
94) Hexachlorobutadiene	15.500	225	51155	38.226	ug/l	99
95) Naphthalene	15.635	128	267986	40.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	95632	43.693	ug/l	99

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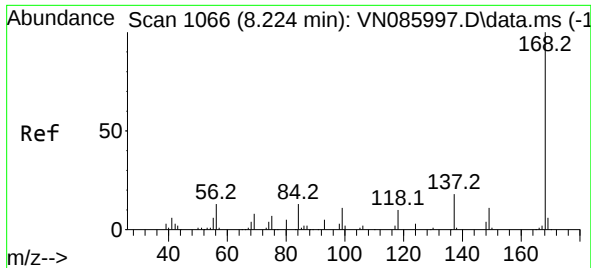
Manual Integrations
APPROVED

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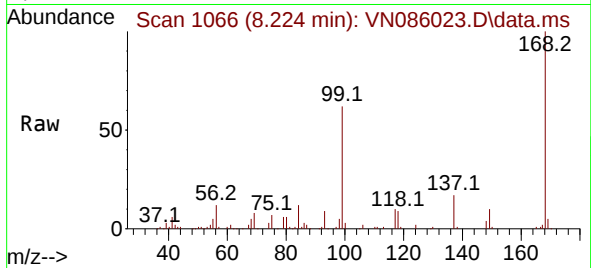
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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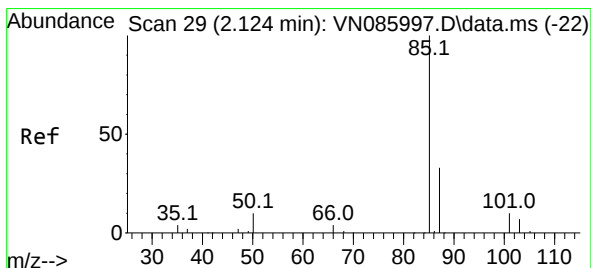
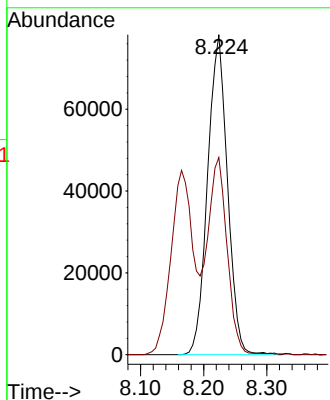
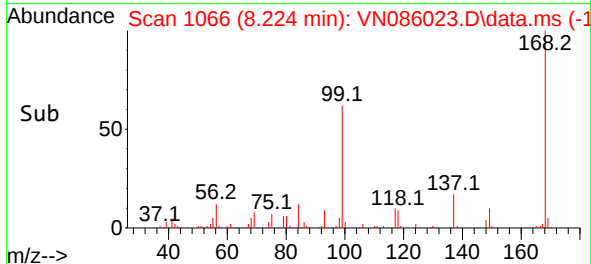
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 17062
Ion Ratio Lower Upper
168 100
99 61.4 49.4 74.2

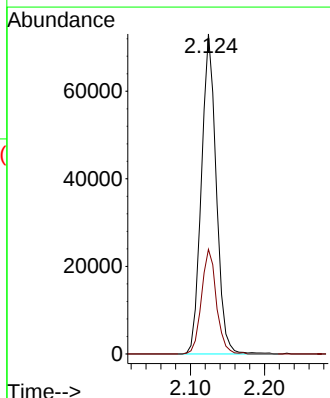
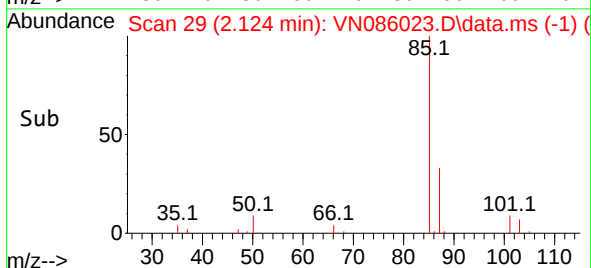
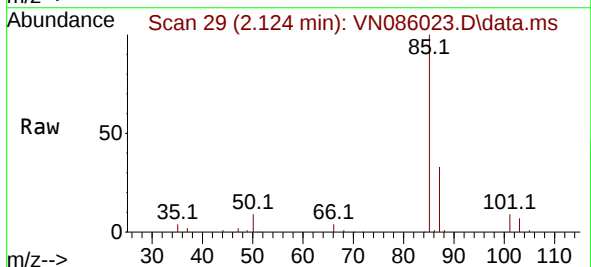
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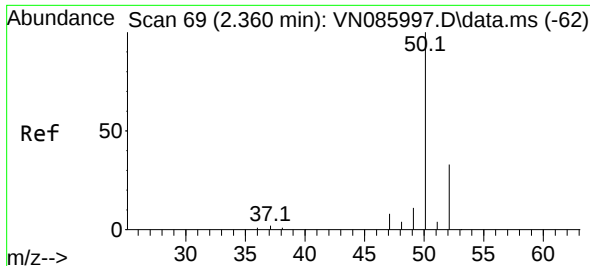
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#2
Dichlorodifluoromethane
Concen: 45.130 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

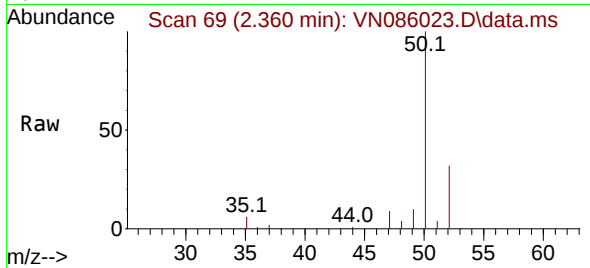
Tgt Ion: 85 Resp: 102019
Ion Ratio Lower Upper
85 100
87 32.7 16.5 49.5





#3
Chloromethane
Concen: 41.352 ug/l
RT: 2.360 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

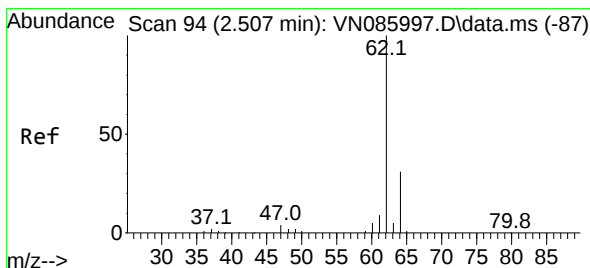
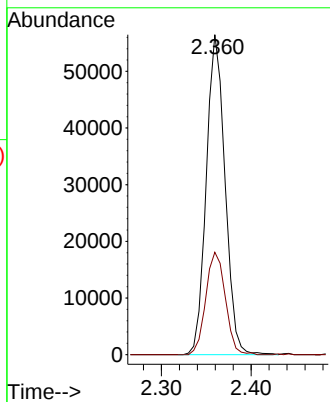
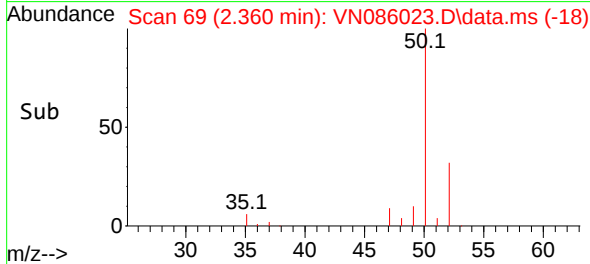
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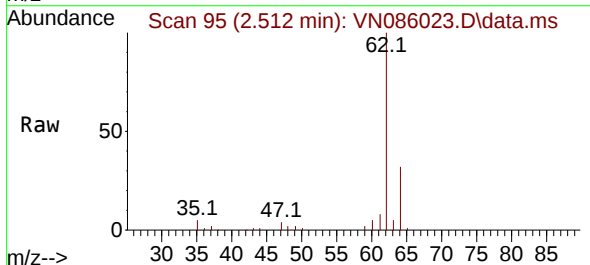
Tgt Ion: 50 Resp: 81949
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0

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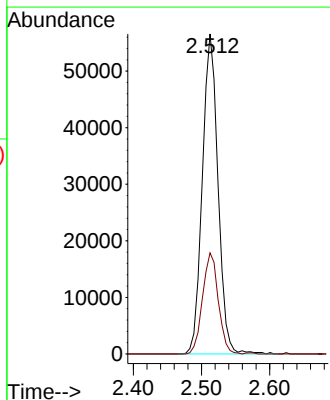
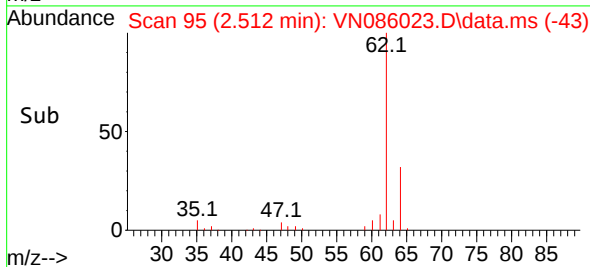
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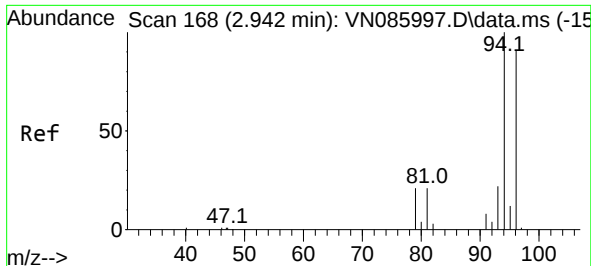


#4
Vinyl Chloride
Concen: 44.571 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51



Tgt Ion: 62 Resp: 90313
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8





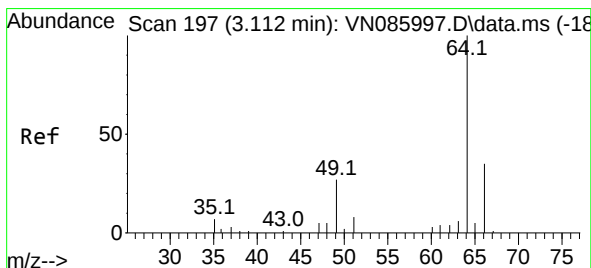
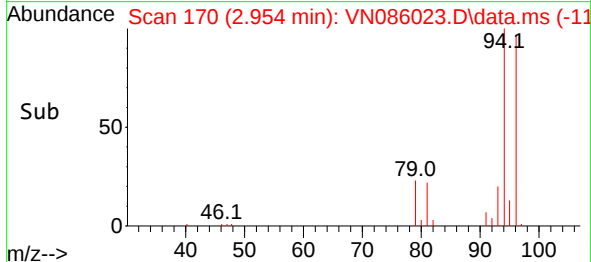
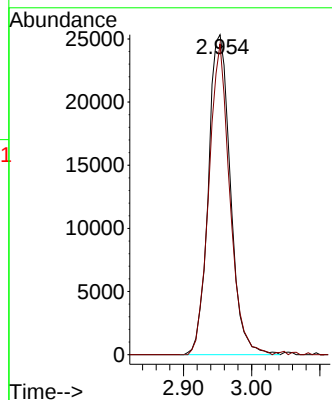
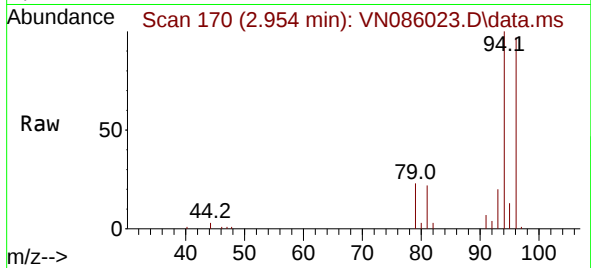
#5
Bromomethane
Concen: 41.292 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086023.D
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Tgt Ion: 94 Resp: 56992
Ion Ratio Lower Upper
94 100
96 97.1 72.8 109.2

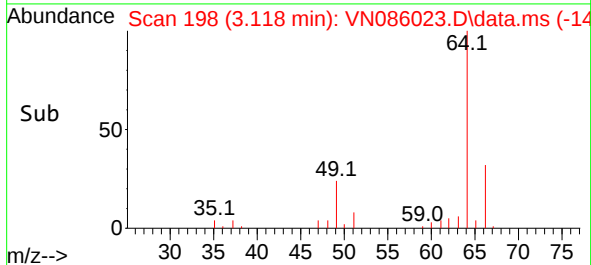
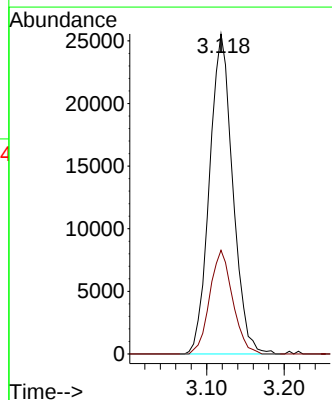
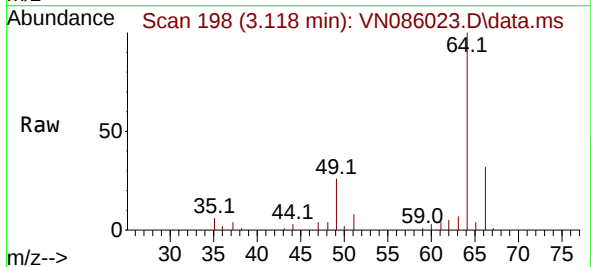
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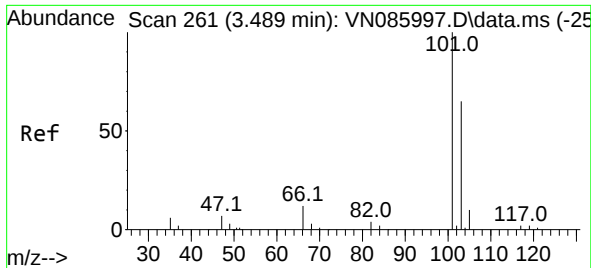
Reviewed By :John Carlone 03/20/2025
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#6
Chloroethane
Concen: 41.773 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086023.D
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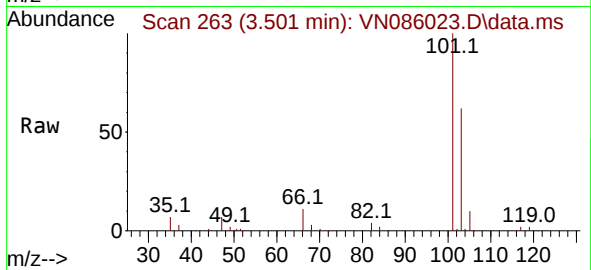
Tgt Ion: 64 Resp: 53398
Ion Ratio Lower Upper
64 100
66 32.4 28.3 42.5





#7
 Trichlorofluoromethane
 Concen: 45.641 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.012 min
 Lab File: VN086023.D
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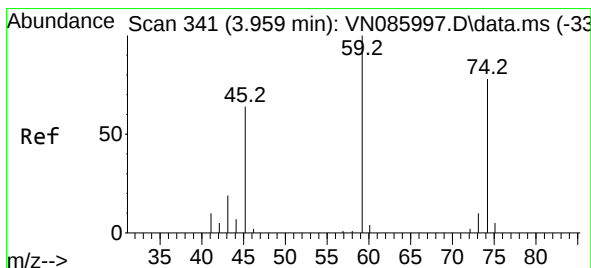
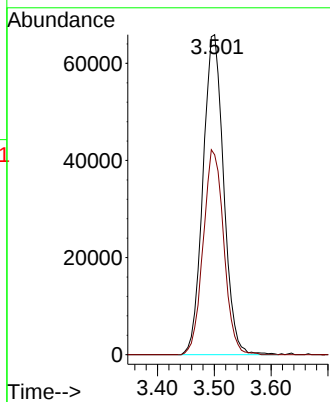
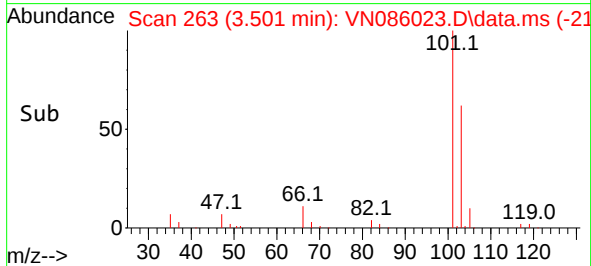
Instrument :
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Tgt Ion:101 Resp: 166249
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.7 77.5

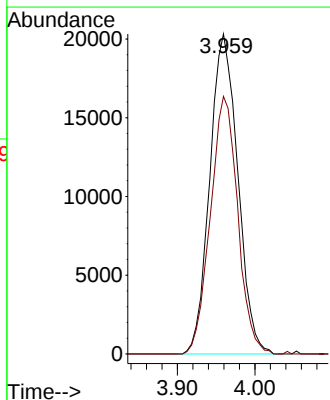
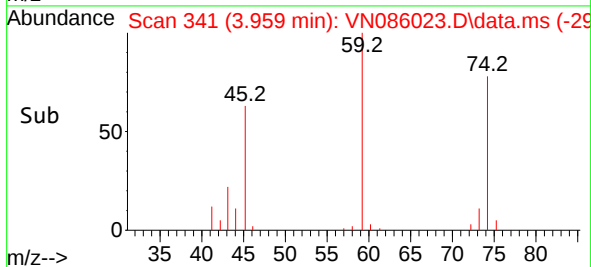
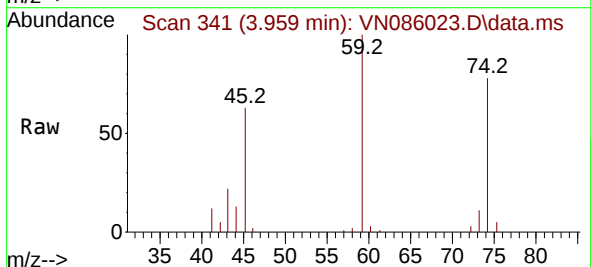
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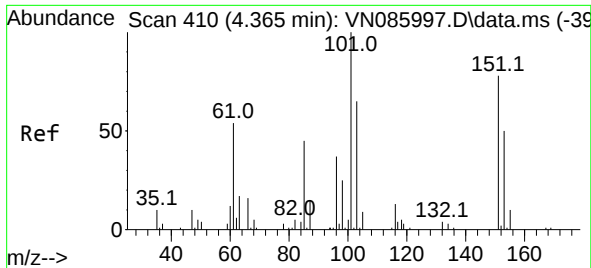
Reviewed By :John Carlone 03/20/2025
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#8
 Diethyl Ether
 Concen: 45.725 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086023.D
 Acq: 19 Mar 2025 20:51

Tgt Ion: 74 Resp: 50987
 Ion Ratio Lower Upper
 74 100
 45 78.5 38.0 113.9





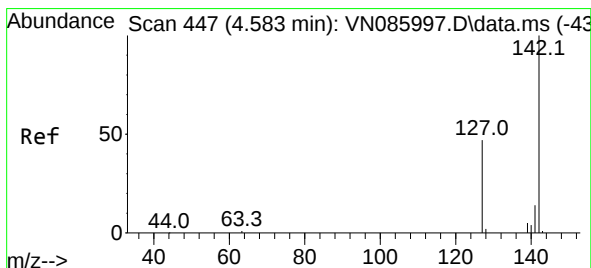
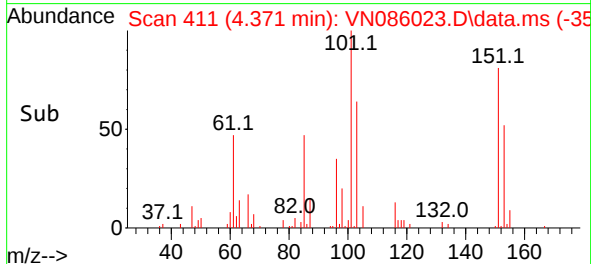
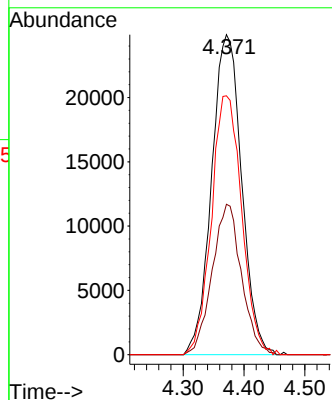
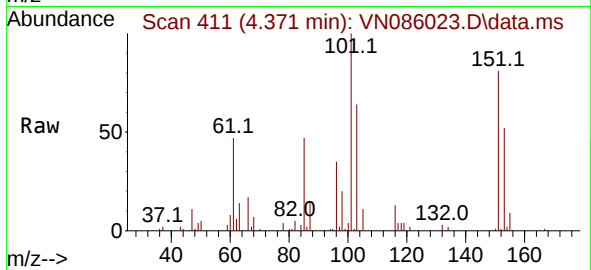
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.010 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 85199
Ion Ratio Lower Upper
101 100
85 45.9 36.5 54.7
151 81.5 63.4 95.0

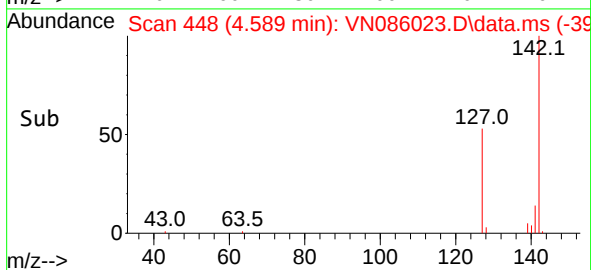
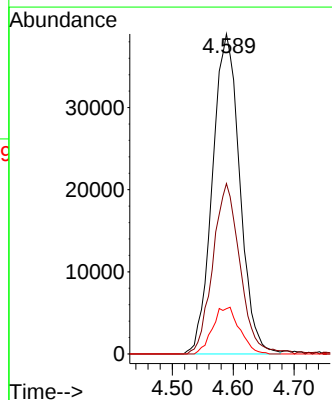
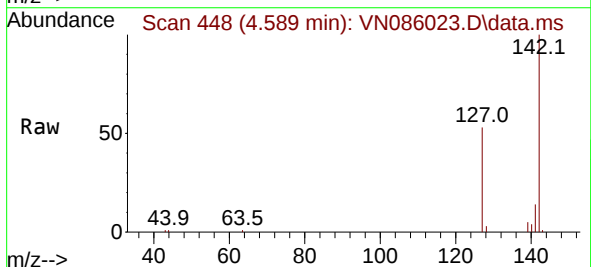
Manual Integrations
APPROVED

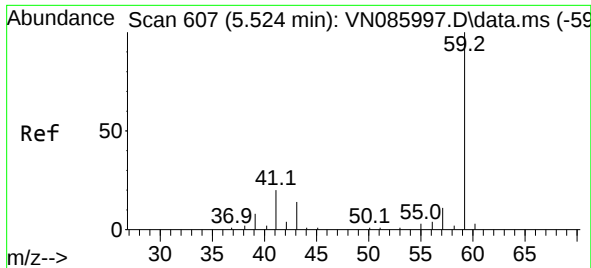
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#10
Methyl Iodide
Concen: 48.173 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

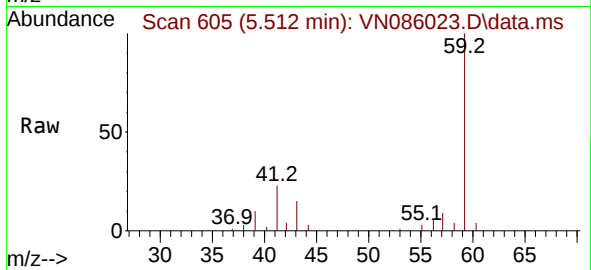
Tgt Ion:142 Resp: 121515
Ion Ratio Lower Upper
142 100
127 53.2 37.5 56.3
141 14.1 11.0 16.6





#11
Tert butyl alcohol
Concen: 165.918 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

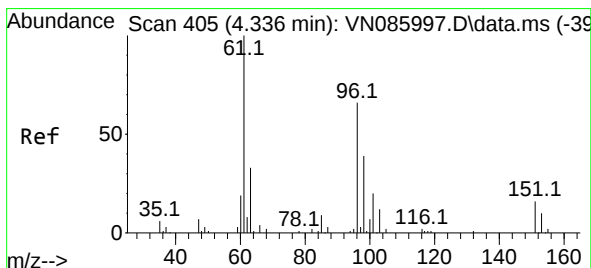
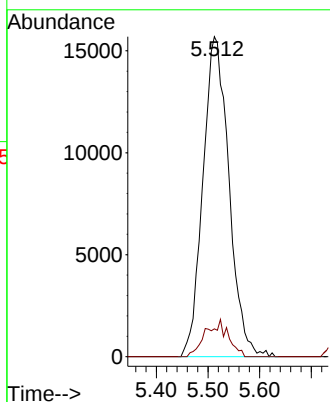
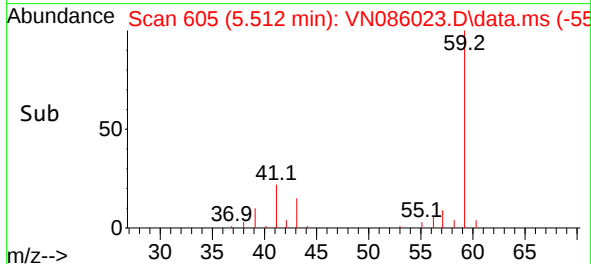
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



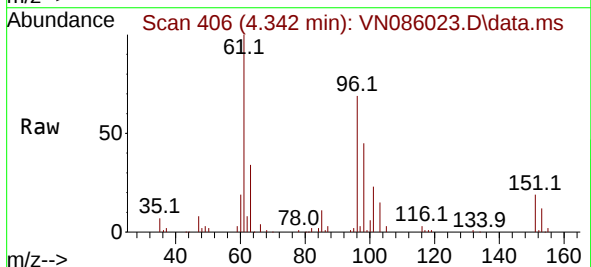
Tgt Ion: 59 Resp: 5488
Ion Ratio Lower Upper
59 100
57 4.0 7.9 11.9

Manual Integrations
APPROVED

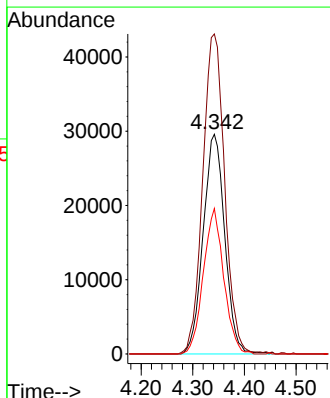
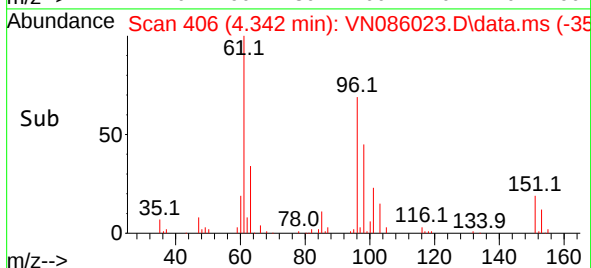
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

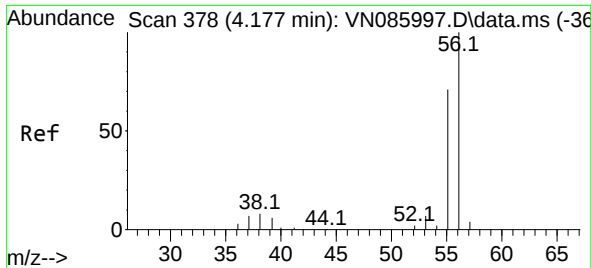


#12
1,1-Dichloroethene
Concen: 49.077 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51



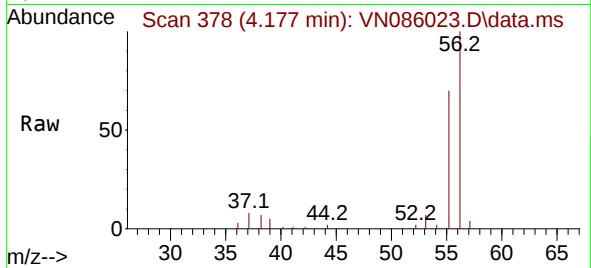
Tgt Ion: 96 Resp: 85790
Ion Ratio Lower Upper
96 100
61 145.7 120.5 180.7
98 66.2 47.4 71.0





#13
Acrolein
Concen: 211.058 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

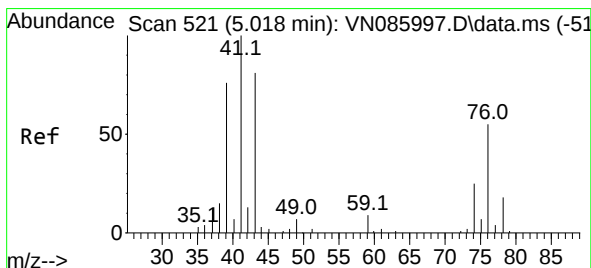
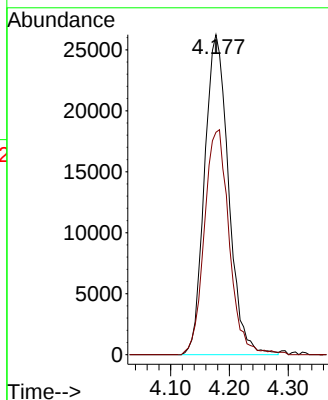
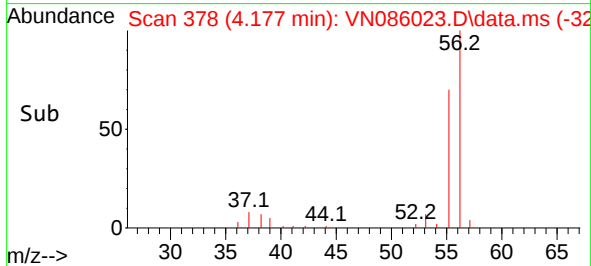
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7446
Ion Ratio Lower Upper
56 100
55 72.8 55.1 82.7

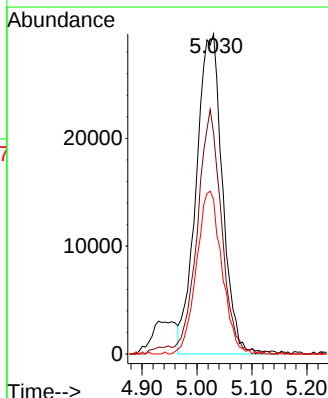
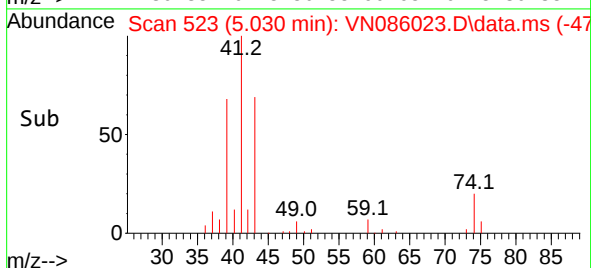
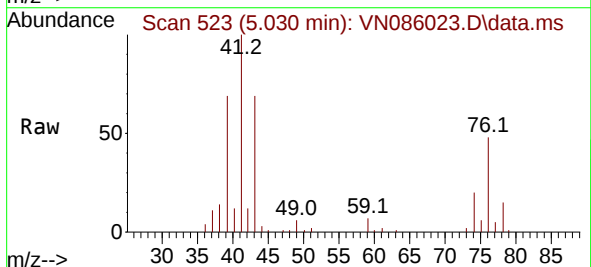
Manual Integrations
APPROVED

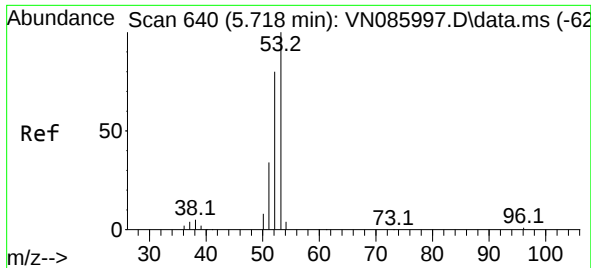
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#14
Allyl chloride
Concen: 45.087 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

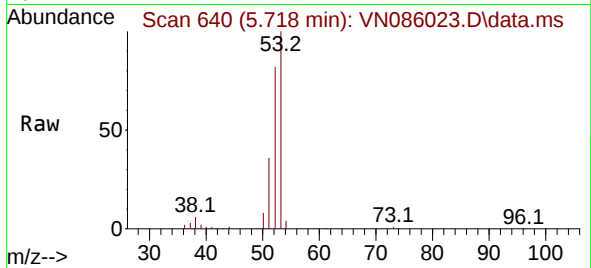
Tgt Ion: 41 Resp: 98326
Ion Ratio Lower Upper
41 100
39 71.8 55.5 83.3
76 49.3 39.1 58.7





#15
Acrylonitrile
Concen: 215.212 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

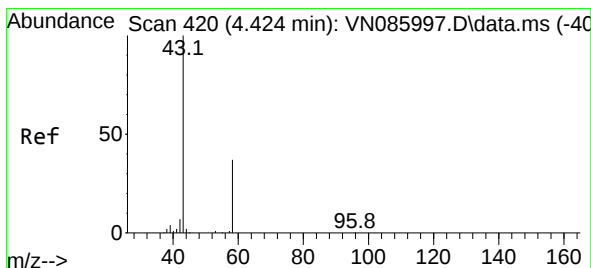
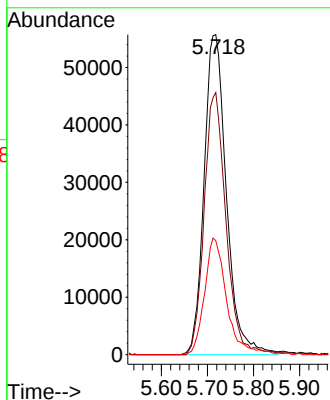
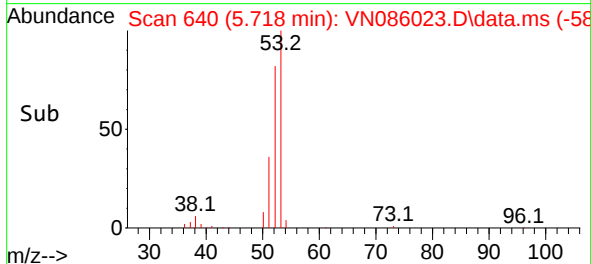
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 188019
Ion Ratio Lower Upper
53 100
52 80.1 63.9 95.9
51 36.2 27.1 40.7

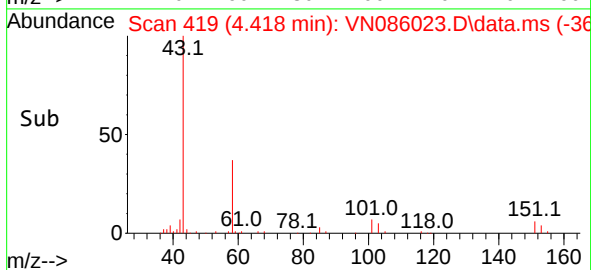
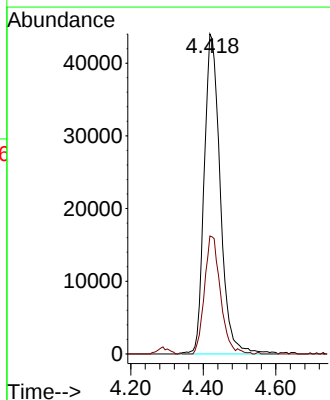
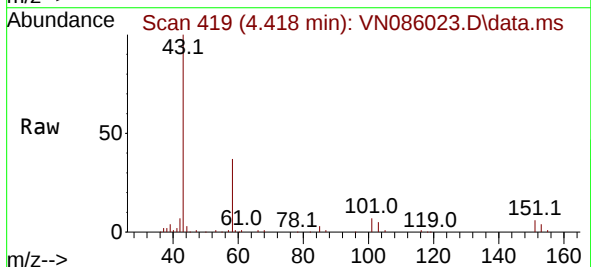
Manual Integrations
APPROVED

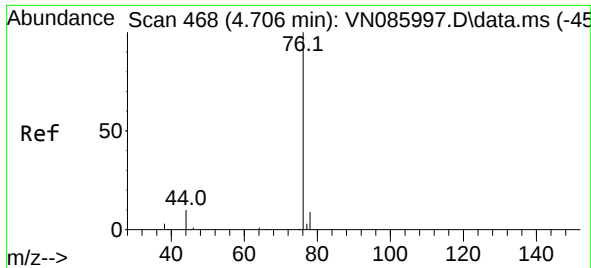
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#16
Acetone
Concen: 189.427 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Tgt Ion: 43 Resp: 135215
Ion Ratio Lower Upper
43 100
58 36.9 29.4 44.2





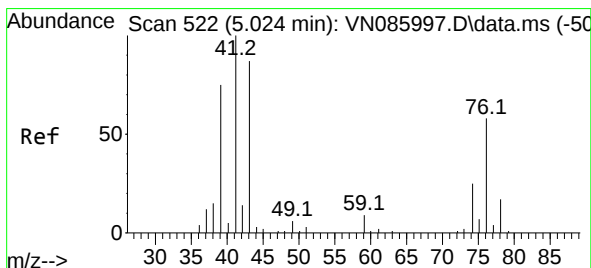
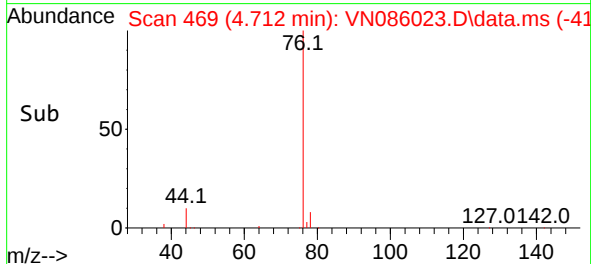
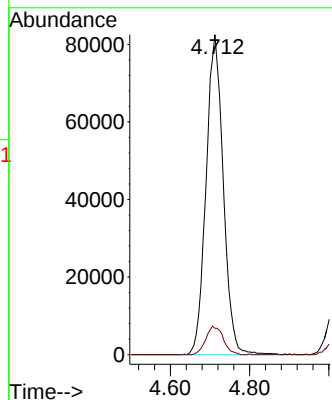
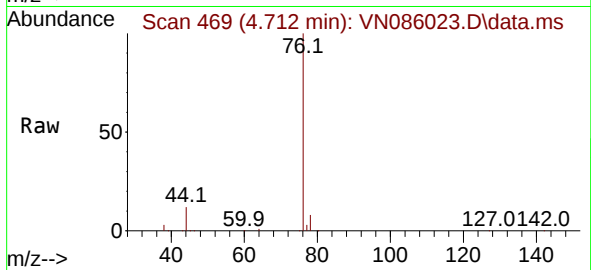
#17
Carbon Disulfide
Concen: 43.243 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 248599
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

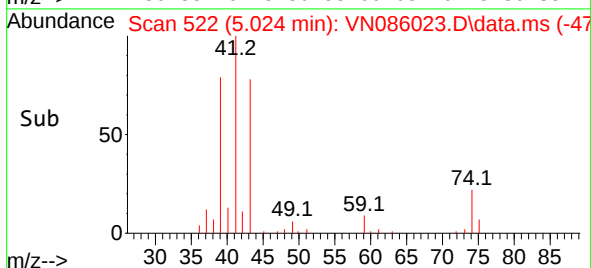
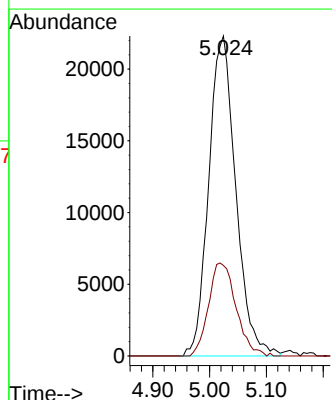
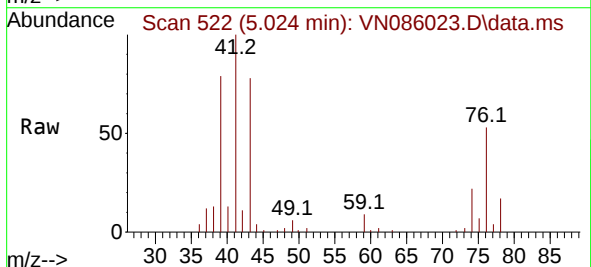
Manual Integrations
APPROVED

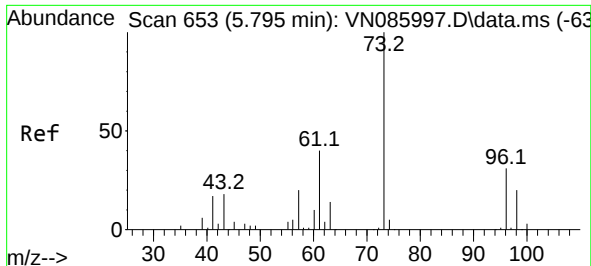
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#18
Methyl Acetate
Concen: 41.789 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Tgt Ion: 43 Resp: 73803
Ion Ratio Lower Upper
43 100
74 29.5 23.9 35.9





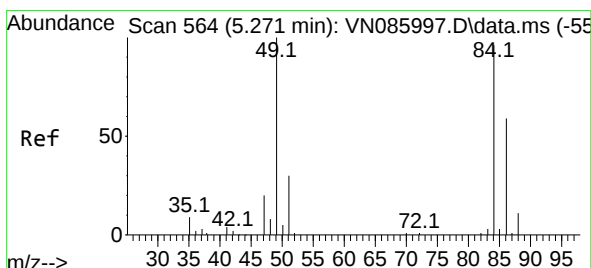
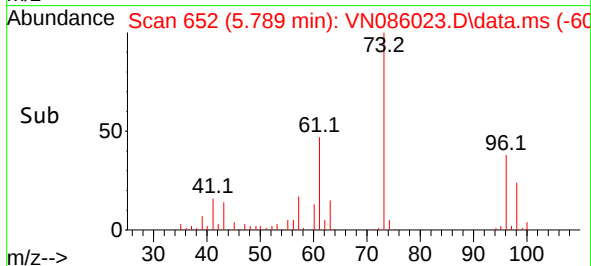
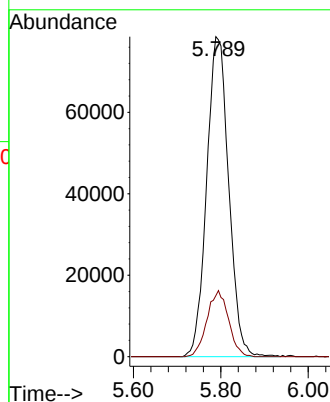
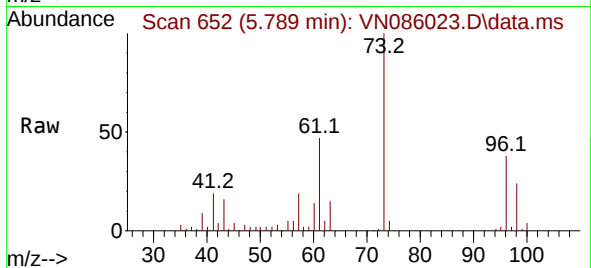
#19
Methyl tert-butyl Ether
Concen: 47.972 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 27479
Ion Ratio Lower Upper
73 100
57 19.1 16.1 24.1

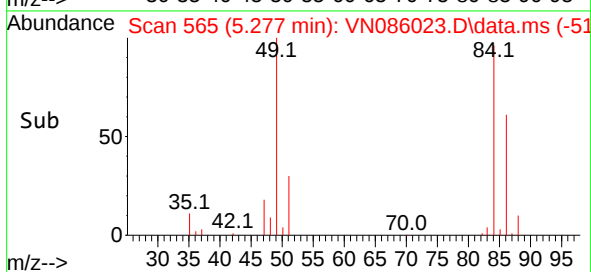
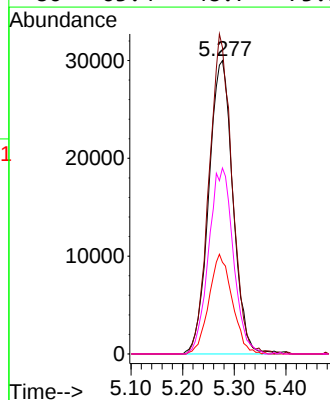
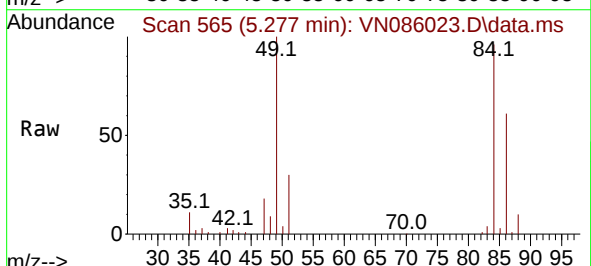
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#20
Methylene Chloride
Concen: 46.549 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

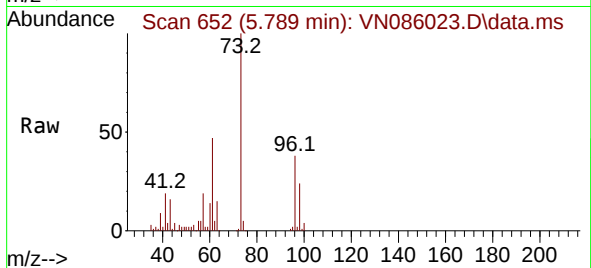
Tgt Ion: 84 Resp: 97204
Ion Ratio Lower Upper
84 100
49 104.6 83.3 124.9
51 31.3 24.8 37.2
86 63.4 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 47.260 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

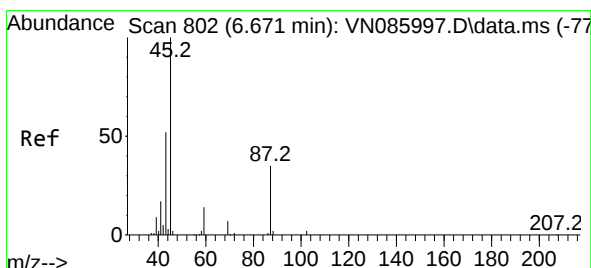
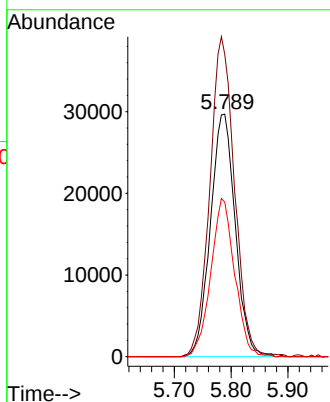
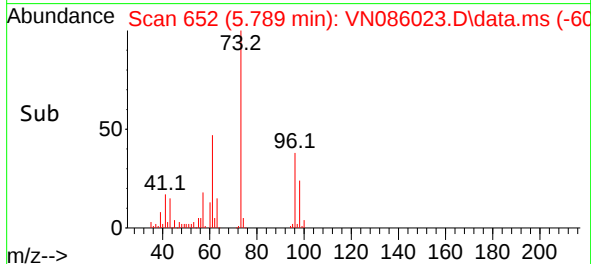
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 90284
Ion Ratio Lower Upper
96 100
61 124.6 106.6 160.0
98 63.7 50.0 75.0

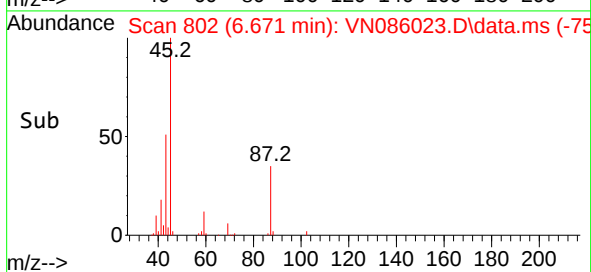
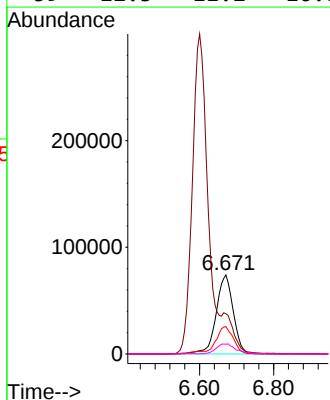
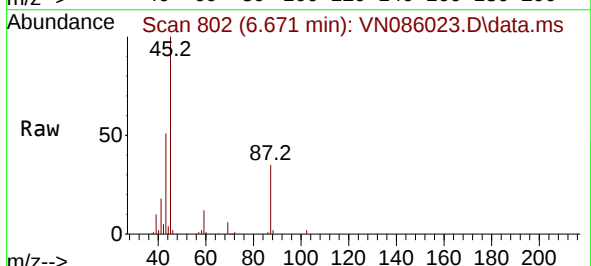
Manual Integrations
APPROVED

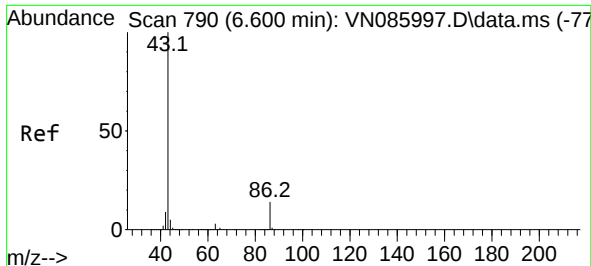
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#22
Diisopropyl ether
Concen: 50.835 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

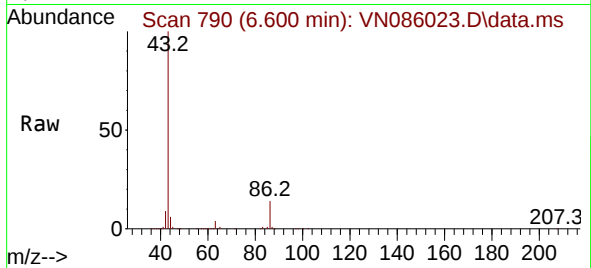
Tgt Ion: 45 Resp: 236247
Ion Ratio Lower Upper
45 100
43 50.4 41.2 61.8
87 34.6 28.5 42.7
59 12.3 11.2 16.8





#23
 Vinyl Acetate
 Concen: 244.360 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086023.D
 Acq: 19 Mar 2025 20:51

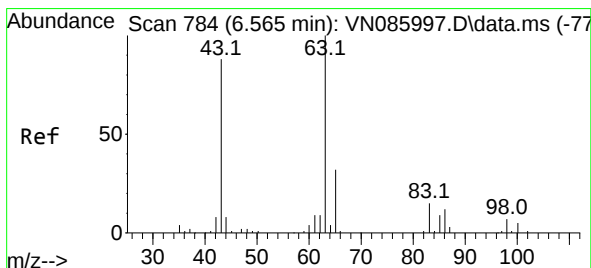
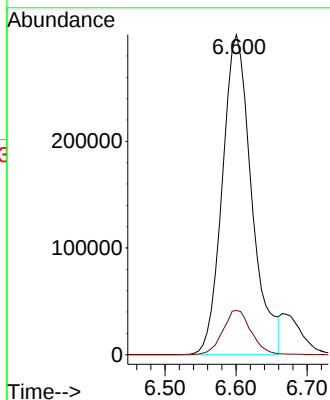
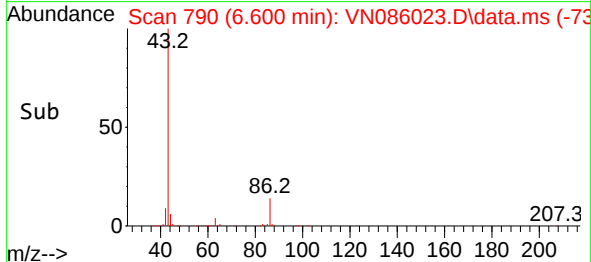
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



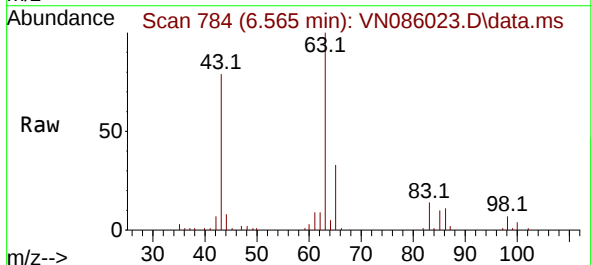
Tgt Ion: 43 Resp: 86086
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.2 16.8

Manual Integrations
 APPROVED

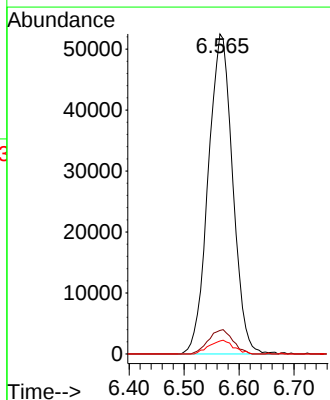
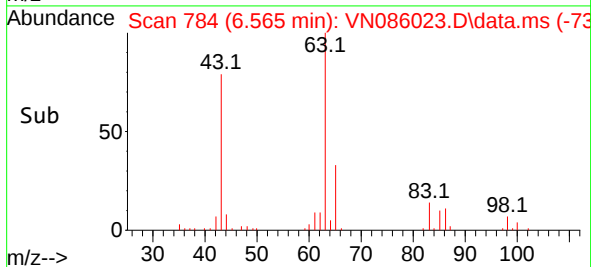
Reviewed By :John Carlone 03/20/2025
 Supervised By :Mahesh Dadoda 03/20/2025



#24
 1,1-Dichloroethane
 Concen: 47.408 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086023.D
 Acq: 19 Mar 2025 20:51



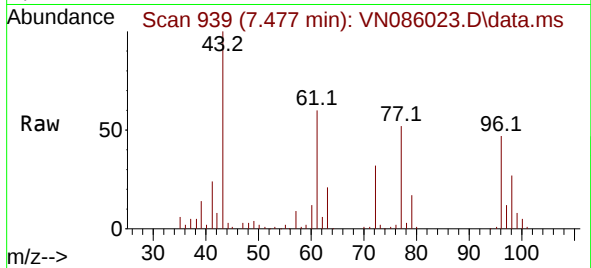
Tgt Ion: 63 Resp: 162012
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.1 2.5 7.5





#25
2-Butanone
Concen: 203.854 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

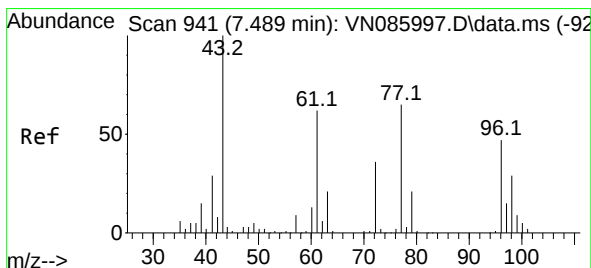
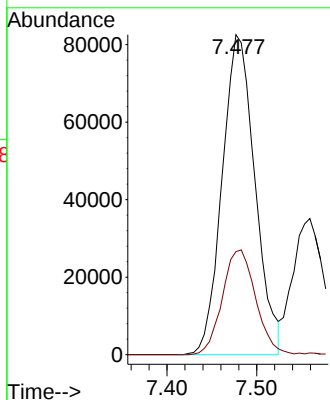
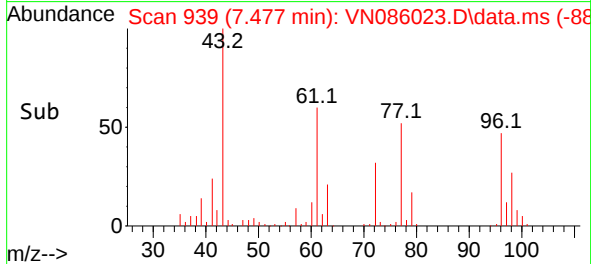
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



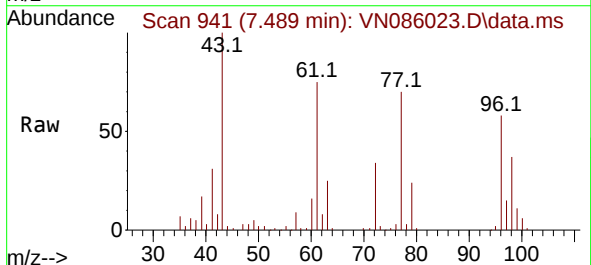
Tgt Ion: 43 Resp: 20996
Ion Ratio Lower Upper
43 100
72 32.2 27.4 41.0

Manual Integrations
APPROVED

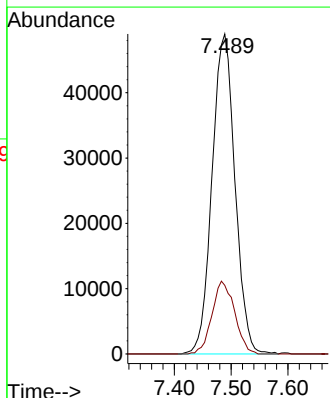
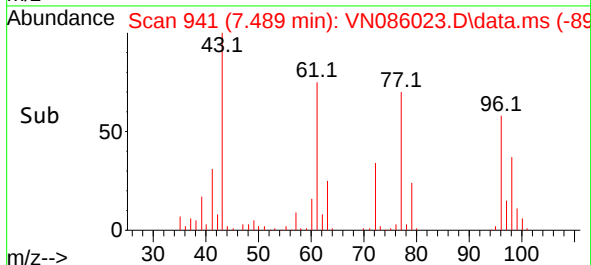
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

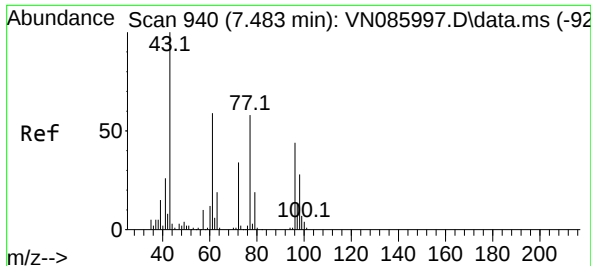


#26
2,2-Dichloropropane
Concen: 41.731 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51



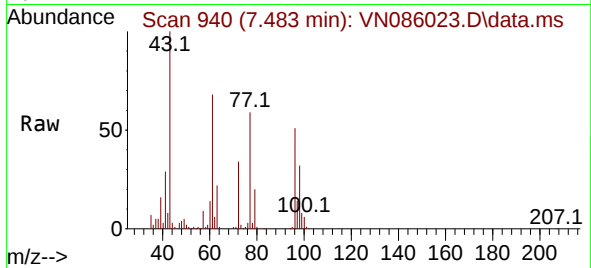
Tgt Ion: 77 Resp: 137297
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 49.000 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086023.D
 Acq: 19 Mar 2025 20:51

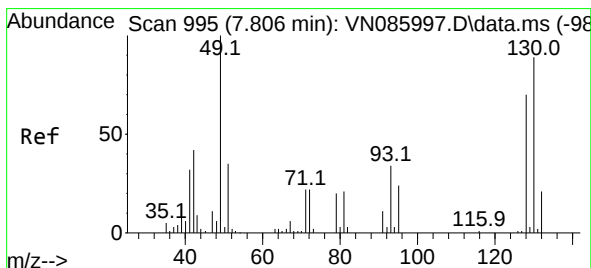
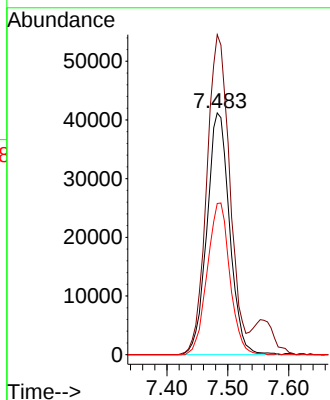
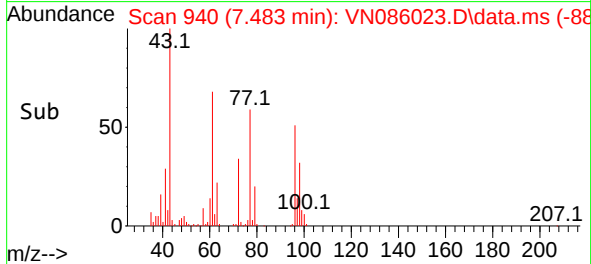
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 10637
 Ion Ratio Lower Upper
 96 100
 61 135.1 0.0 272.8
 98 62.6 0.0 124.8

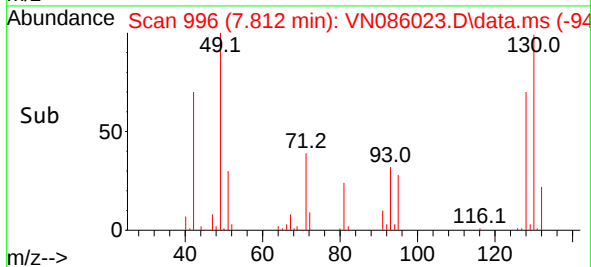
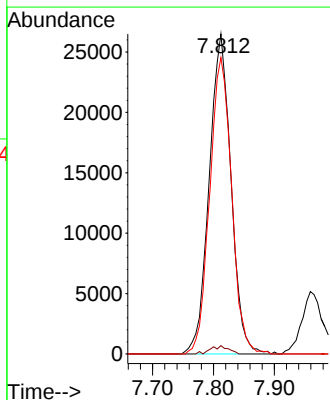
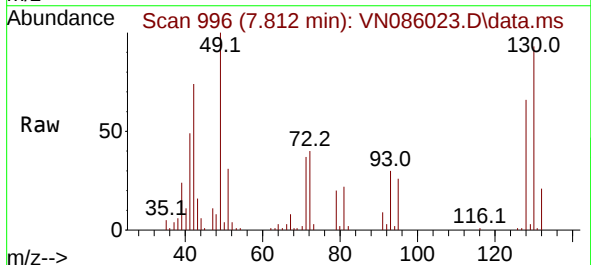
Manual Integrations
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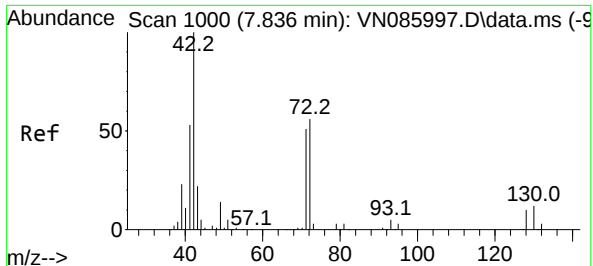
Reviewed By :John Carlone 03/20/2025
 Supervised By :Mahesh Dadoda 03/20/2025



#28
 Bromochloromethane
 Concen: 45.503 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086023.D
 Acq: 19 Mar 2025 20:51

Tgt Ion: 49 Resp: 65883
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 92.9 74.2 111.4





#29

Tetrahydrofuran

Concen: 220.640 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086023.D

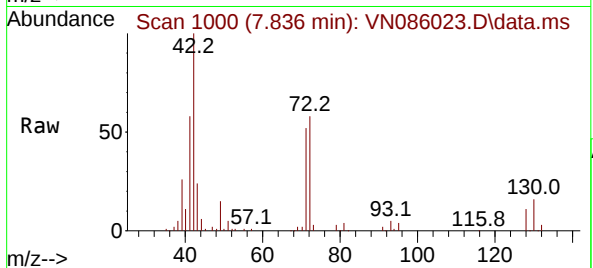
Acq: 19 Mar 2025 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



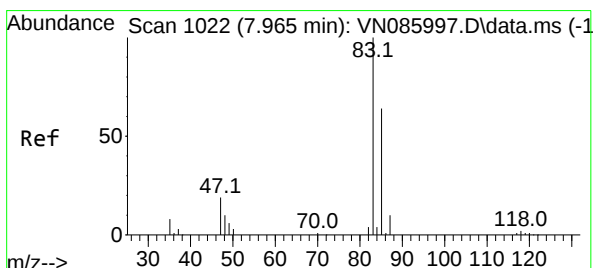
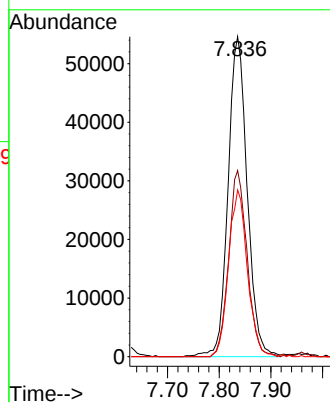
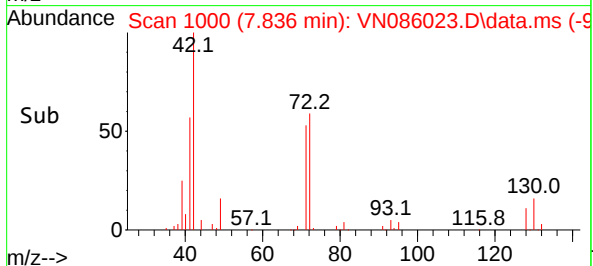
Tgt Ion:	42	Resp:	140300
Ion Ratio	100	Lower	Upper
42	100		
72	55.9	45.0	67.4
71	51.3	41.9	62.9

Manual Integrations

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Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#30

Chloroform

Concen: 47.307 ug/l

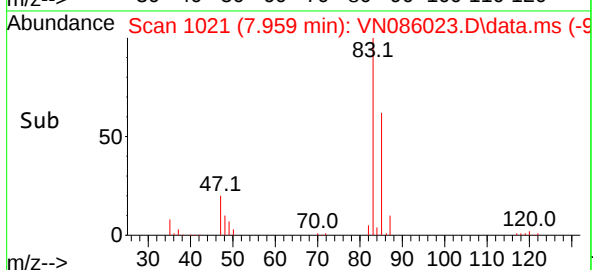
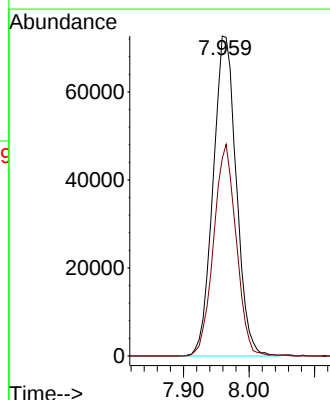
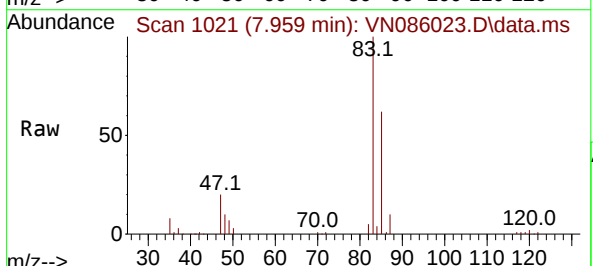
RT: 7.959 min Scan# 1021

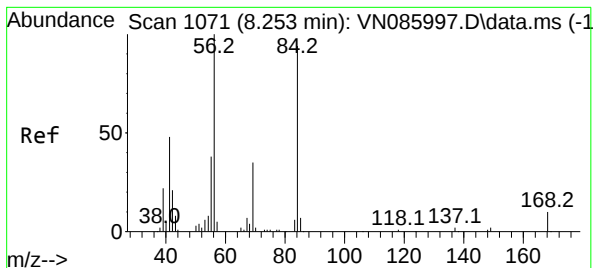
Delta R.T. -0.006 min

Lab File: VN086023.D

Acq: 19 Mar 2025 20:51

Tgt Ion:	83	Resp:	178693
Ion Ratio	100	Lower	Upper
83	100		
85	61.7	51.5	77.3





#31

Cyclohexane

Concen: 45.169 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086023.D

Acq: 19 Mar 2025 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 131500

Ion Ratio Lower Upper

56 100

69 34.0 28.0 42.0

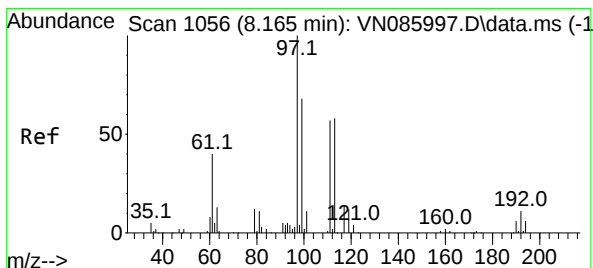
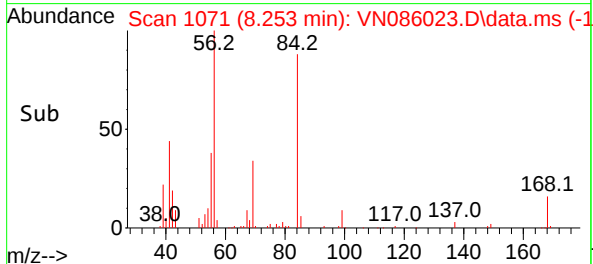
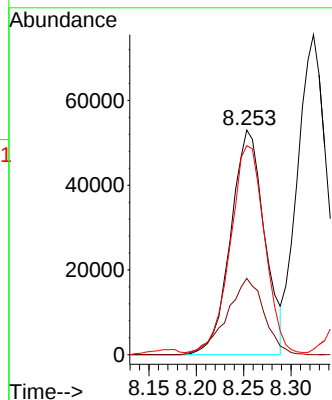
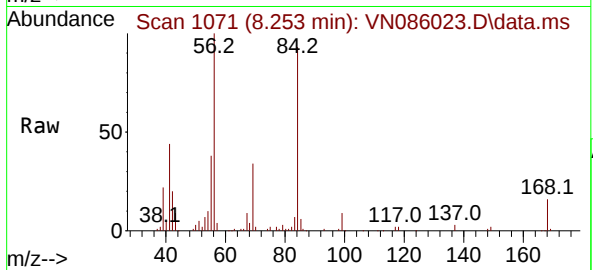
84 91.9 75.0 112.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#32

1,1,1-Trichloroethane

Concen: 48.226 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086023.D

Acq: 19 Mar 2025 20:51

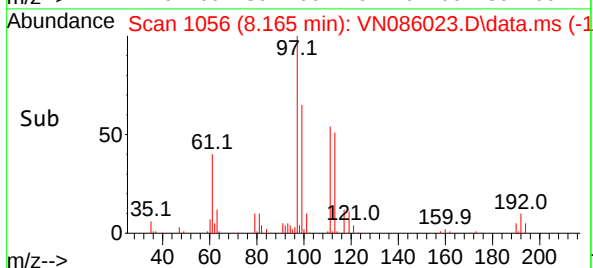
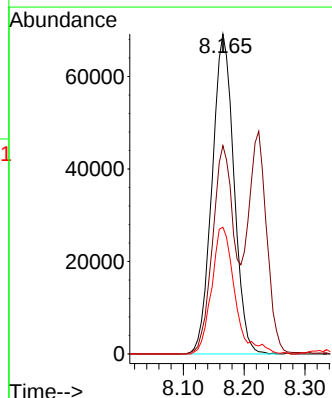
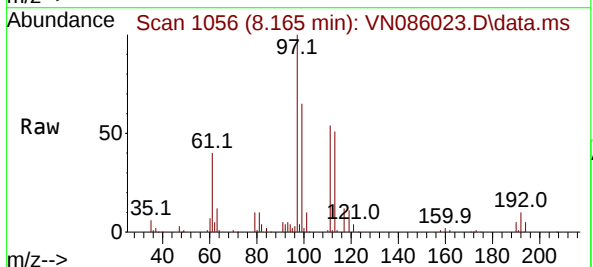
Tgt Ion: 97 Resp: 172436

Ion Ratio Lower Upper

97 100

99 64.8 52.8 79.2

61 42.0 33.6 50.4





#33
1,2-Dichloroethane-d4
Concen: 45.481 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Instrument :

MSVOA_N

ClientSampleId :

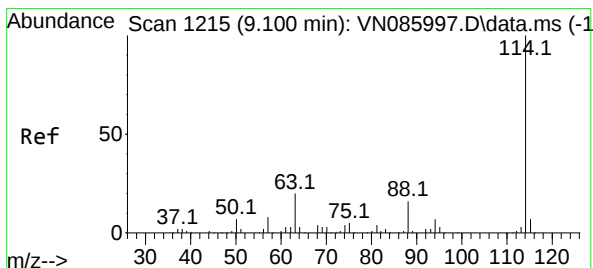
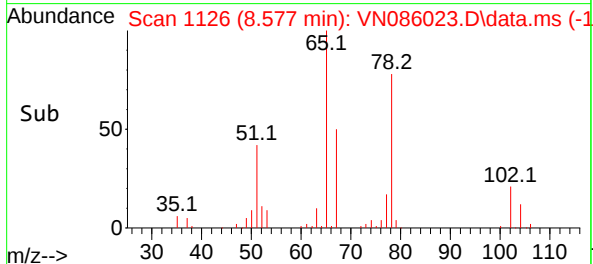
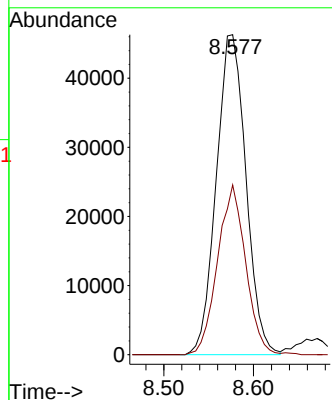
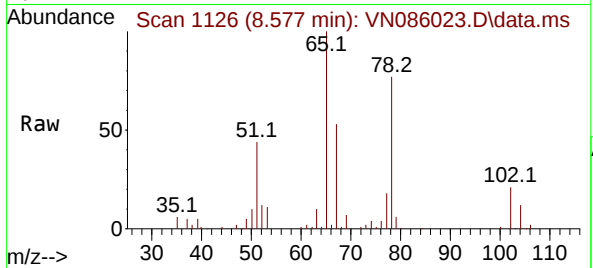
VSTDCCC050EC

Tgt Ion: 65 Resp: 10626
Ion Ratio Lower Upper
65 100
67 50.1 0.0 102.2

Manual Integrations

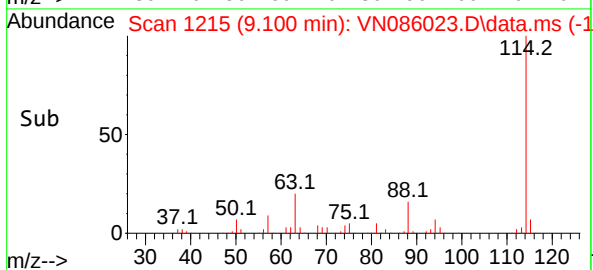
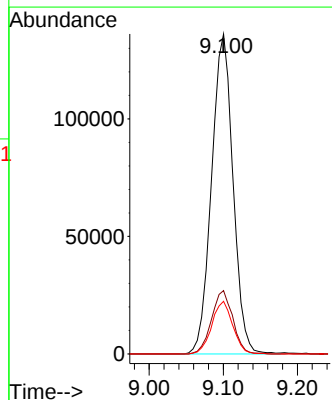
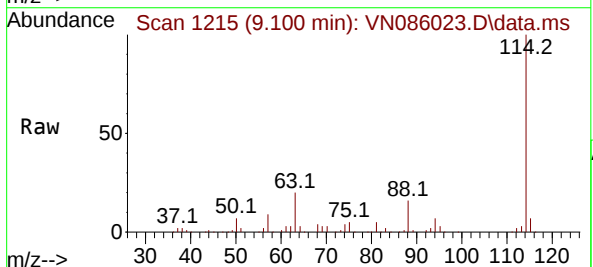
APPROVED

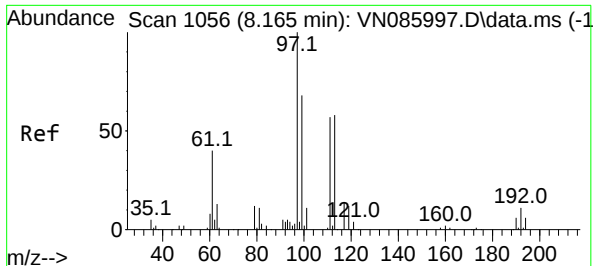
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

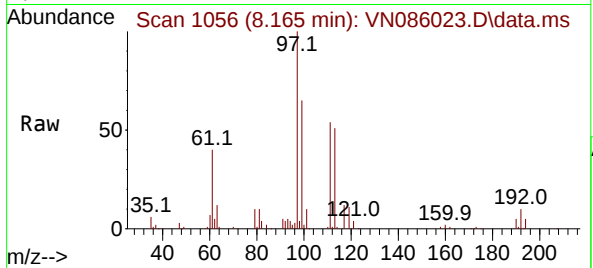
Tgt Ion:114 Resp: 273602
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 16.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 45.159 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

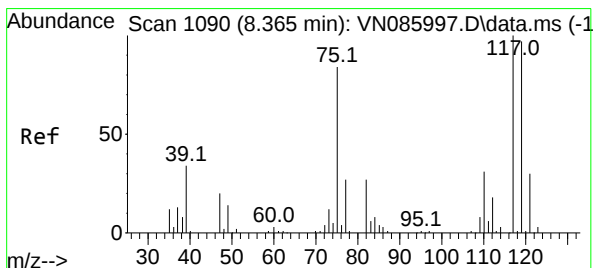
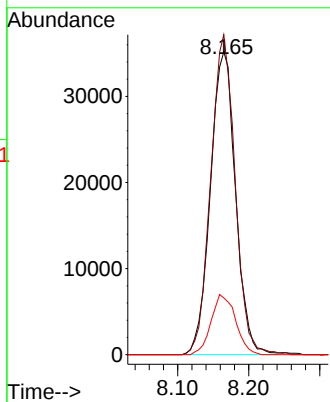
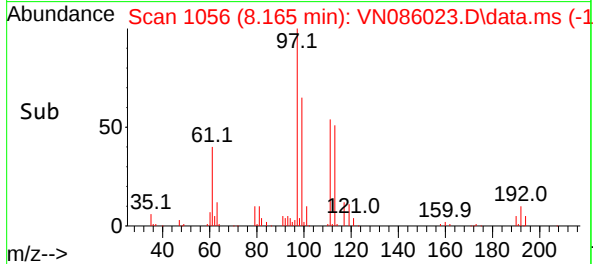
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 8624
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 19.4 15.9 23.9

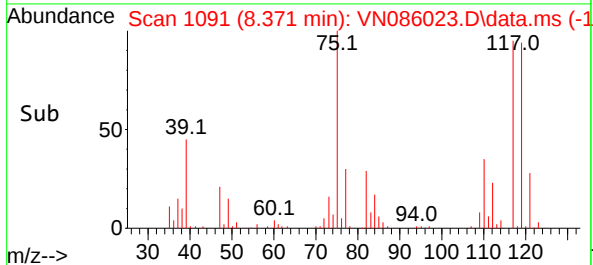
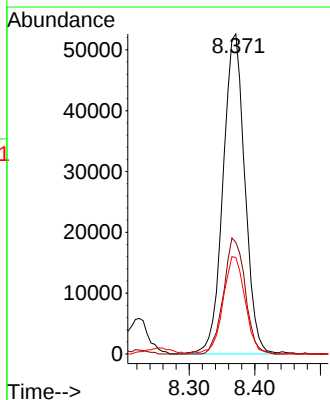
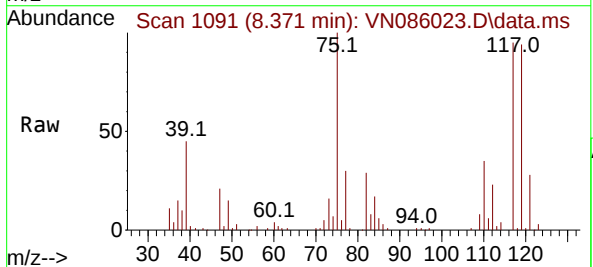
Manual Integrations
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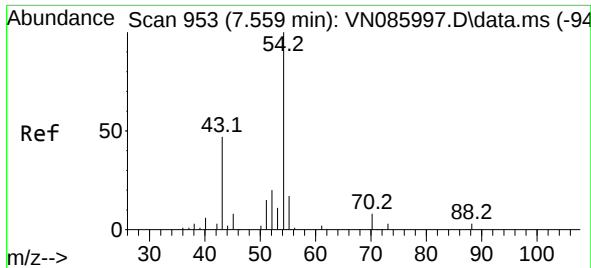
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#36
1,1-Dichloropropene
Concen: 48.341 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

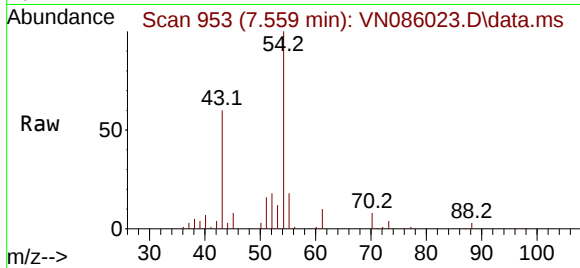
Tgt Ion: 75 Resp: 121559
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.3
77 30.9 25.0 37.4





#37
Ethyl Acetate
Concen: 42.080 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

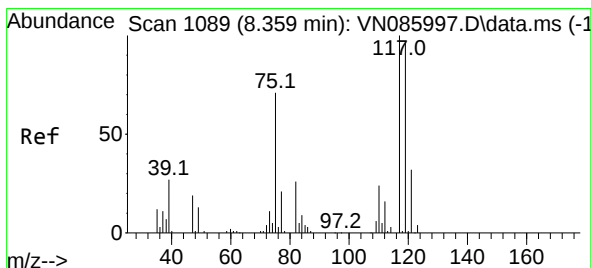
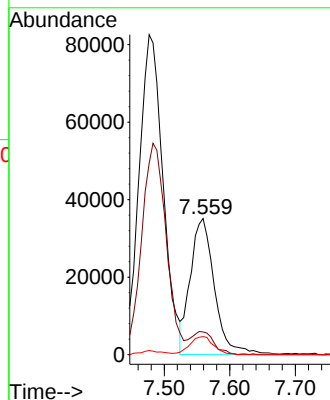
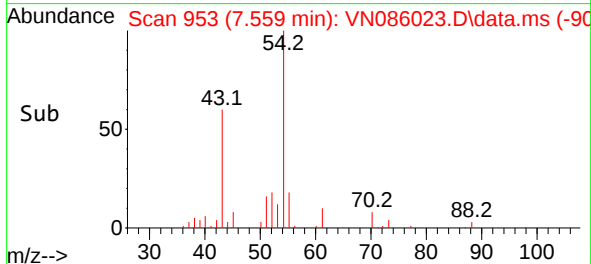
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 89270
Ion Ratio Lower Upper
43 100
61 15.4 13.0 19.4
70 13.3 11.0 16.6

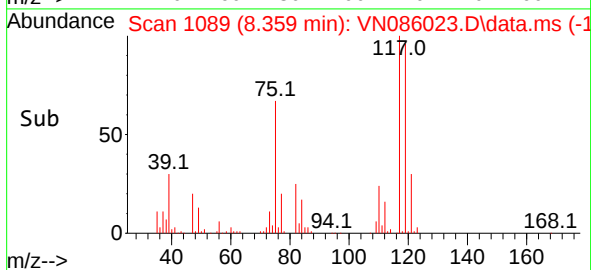
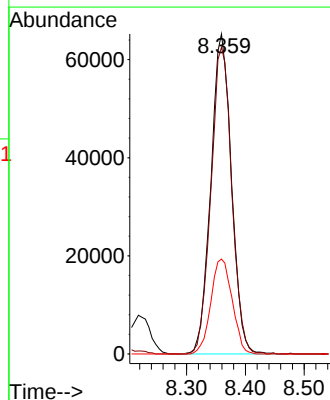
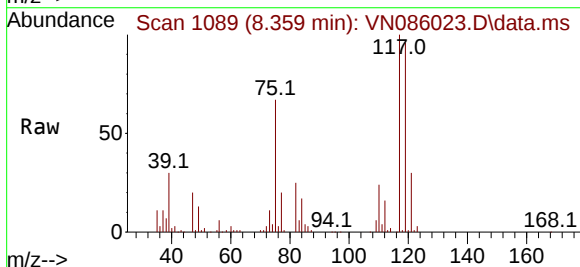
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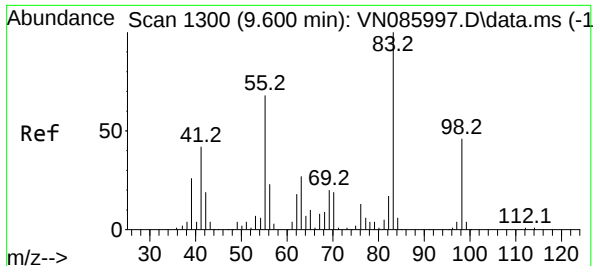
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#38
Carbon Tetrachloride
Concen: 47.989 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Tgt Ion:117 Resp: 158666
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.4
121 29.6 25.6 38.4





#39

Methylcyclohexane

Concen: 47.351 ug/l

RT: 9.600 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VN086023.D

Acq: 19 Mar 2025 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 118134

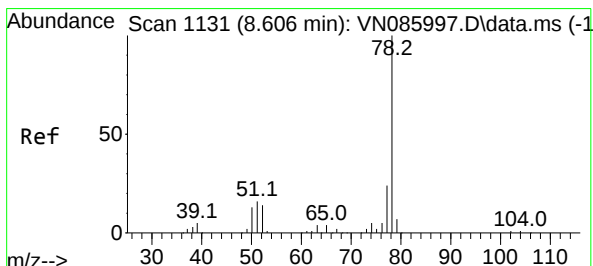
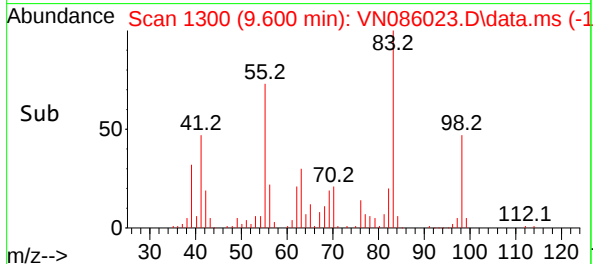
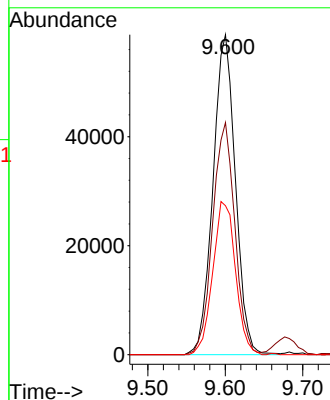
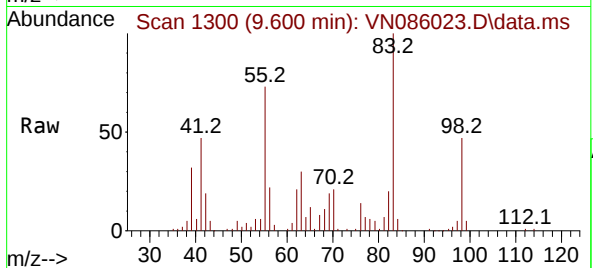
Ion	Ratio	Lower	Upper
83	100		
55	72.6	54.2	81.2
98	46.6	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#40

Benzene

Concen: 48.613 ug/l

RT: 8.606 min Scan# 1131

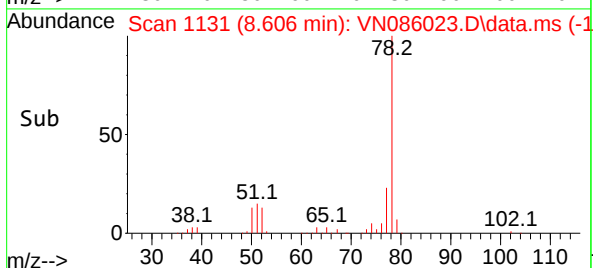
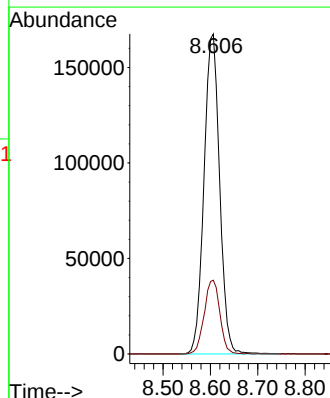
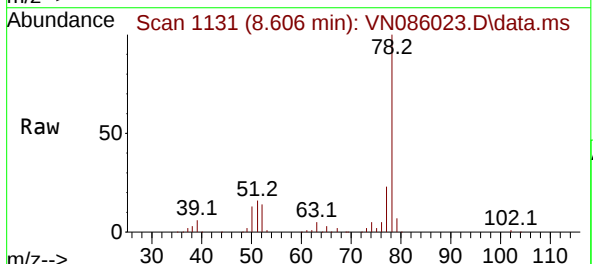
Delta R.T. -0.000 min

Lab File: VN086023.D

Acq: 19 Mar 2025 20:51

Tgt Ion: 78 Resp: 383753

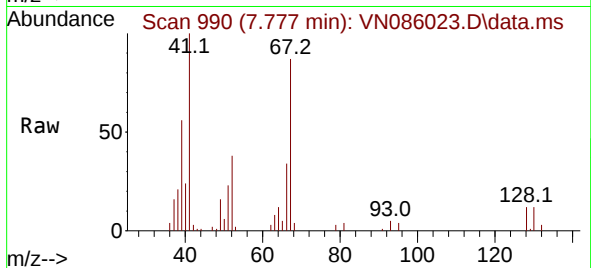
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3





#41
Methacrylonitrile
Concen: 49.336 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

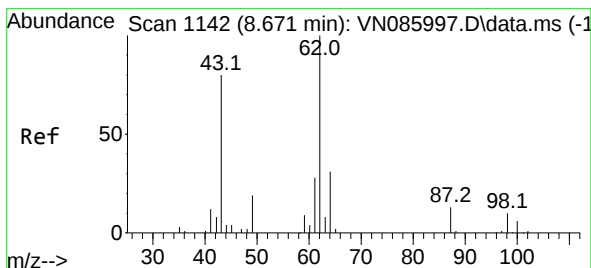
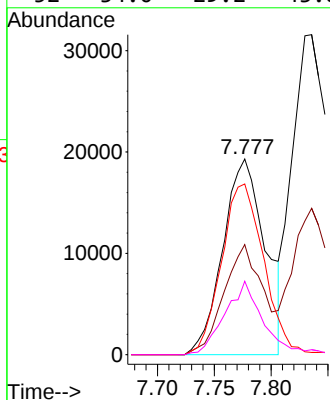
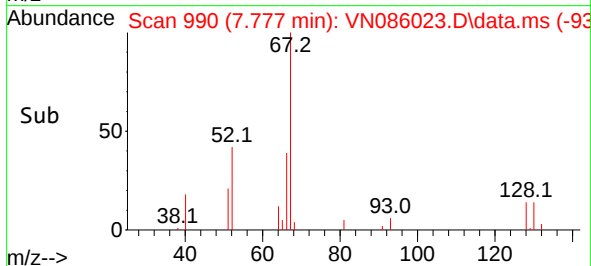
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	4997
Ion Ratio	100	Lower	Upper
41	100		
39	50.1	46.2	69.2
67	87.2	75.9	113.9
52	34.0	29.2	43.8

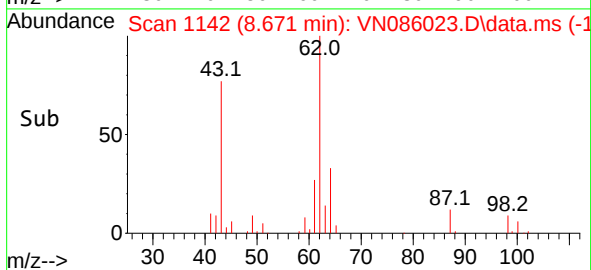
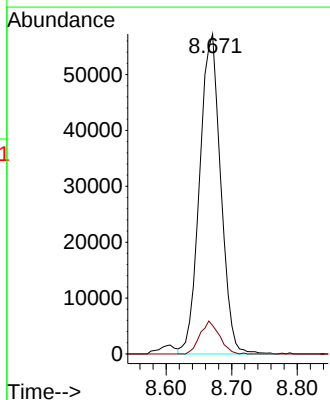
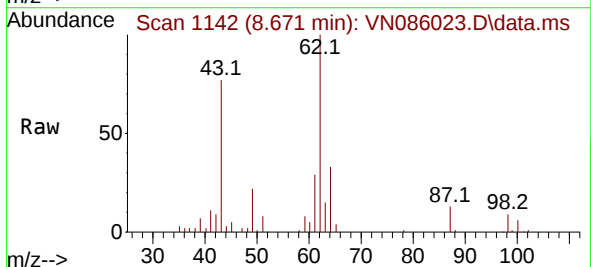
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#42
1,2-Dichloroethane
Concen: 46.608 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

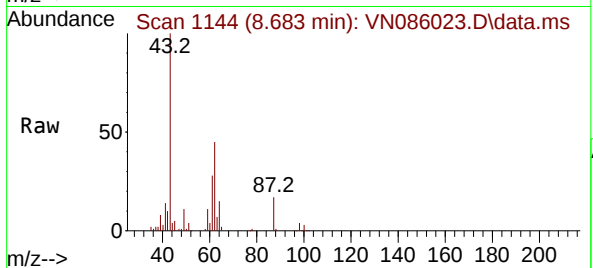
Tgt Ion:	62	Resp:	128200
Ion Ratio	100	Lower	Upper
62	100		
98	9.4	0.0	18.6





#43
Isopropyl Acetate
Concen: 34.180 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

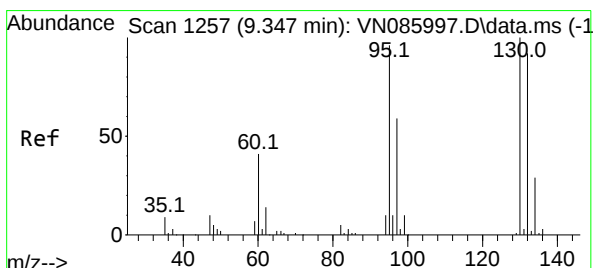
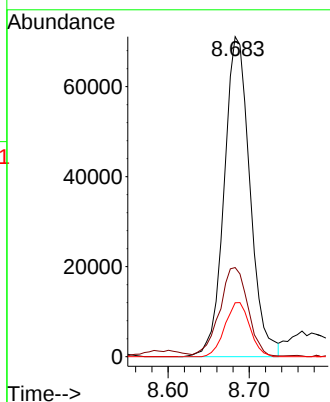
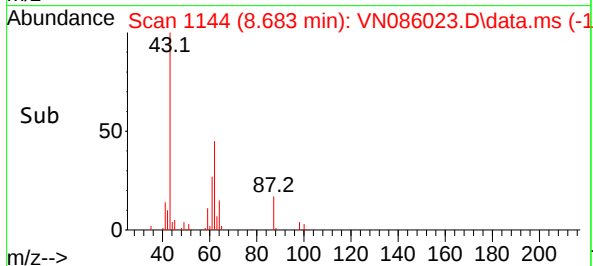
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 157128
Ion Ratio Lower Upper
43 100
61 30.0 25.0 37.6
87 16.3 13.0 19.4

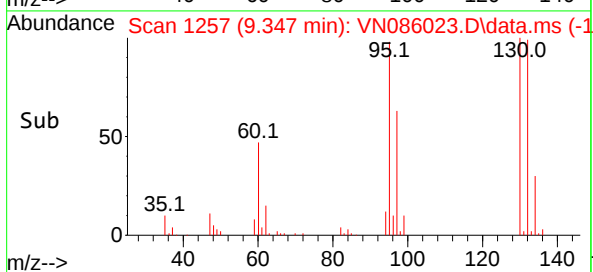
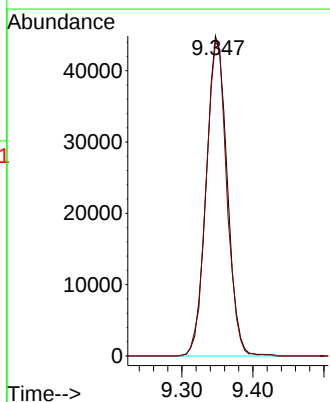
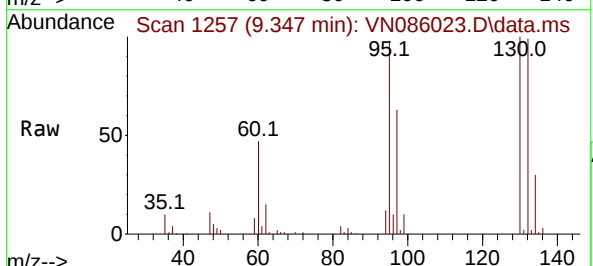
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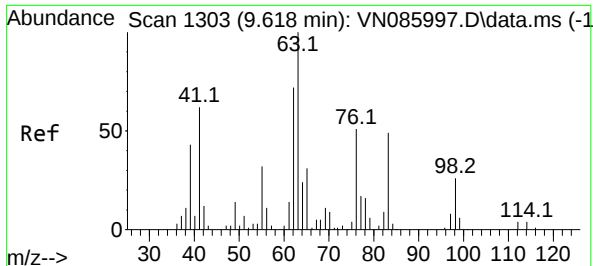
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#44
Trichloroethene
Concen: 44.832 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Tgt Ion:130 Resp: 91724
Ion Ratio Lower Upper
130 100
95 98.2 0.0 191.6





#45

1,2-Dichloropropane

Concen: 49.324 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086023.D

Acq: 19 Mar 2025 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 88559

Ion Ratio Lower Upper

63 100

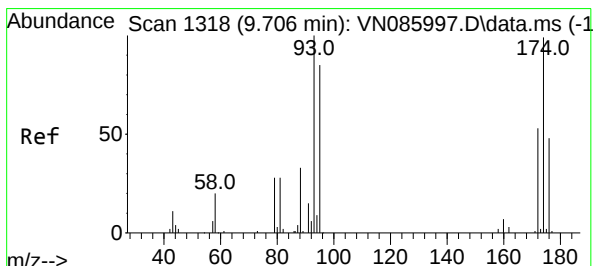
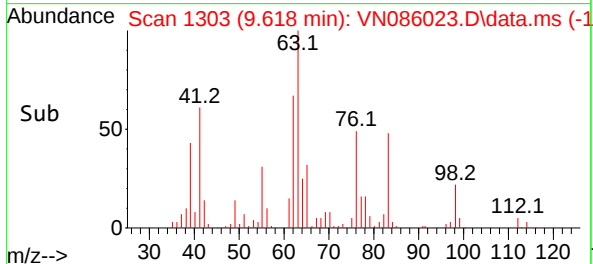
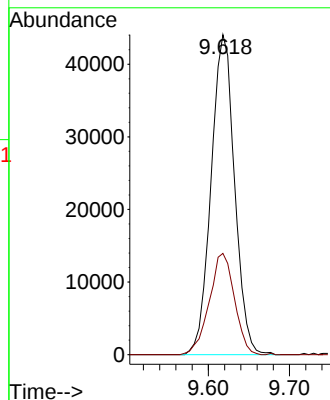
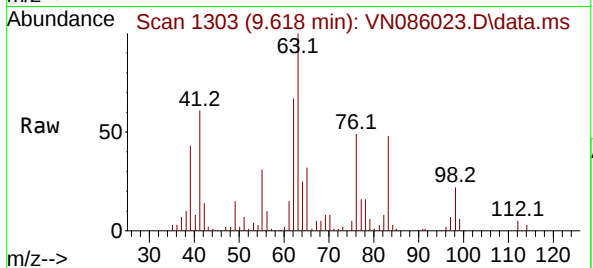
65 31.6 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#46

Dibromomethane

Concen: 47.075 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086023.D

Acq: 19 Mar 2025 20:51

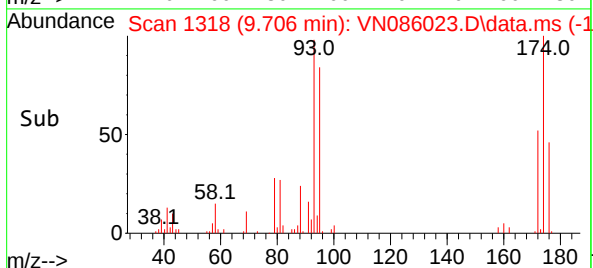
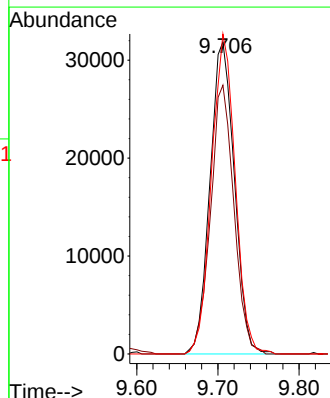
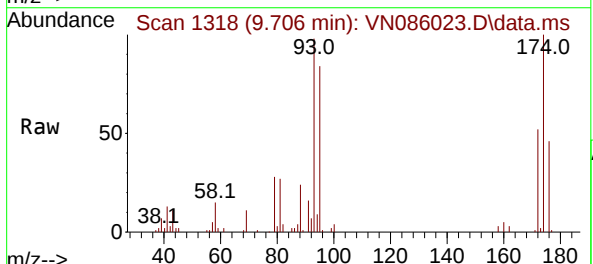
Tgt Ion: 93 Resp: 66469

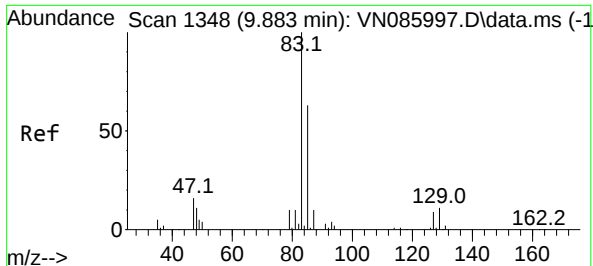
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.2

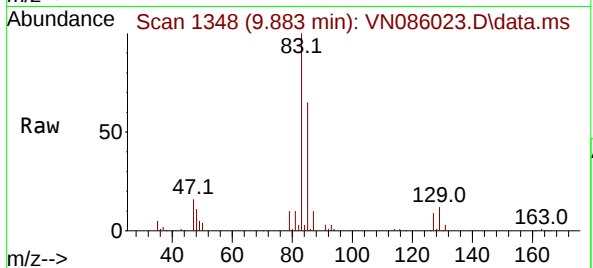
174 99.7 80.1 120.1





#47
Bromodichloromethane
Concen: 48.303 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

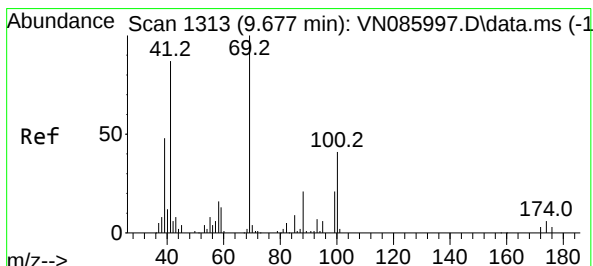
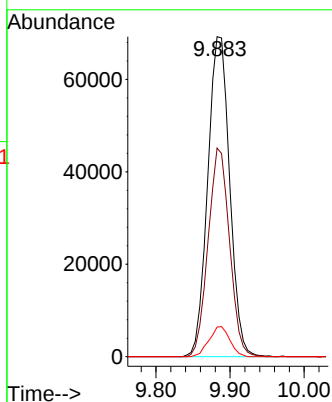
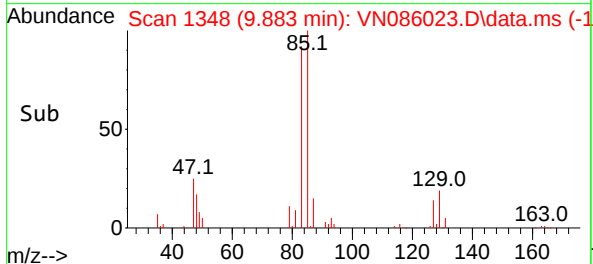
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



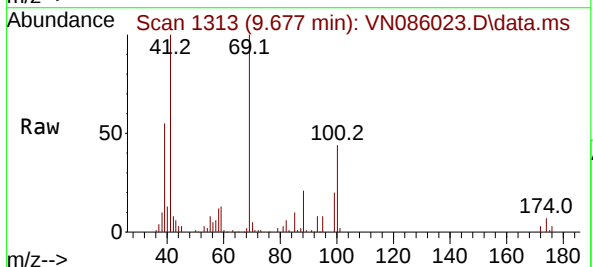
Tgt Ion: 83 Resp: 14254
Ion Ratio Lower Upper
83 100
85 65.2 50.2 75.2
127 9.3 7.1 10.7

Manual Integrations
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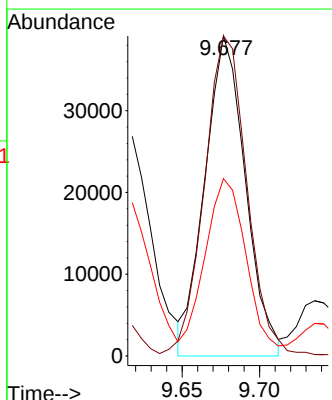
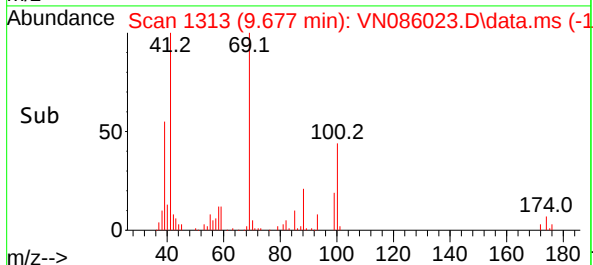
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

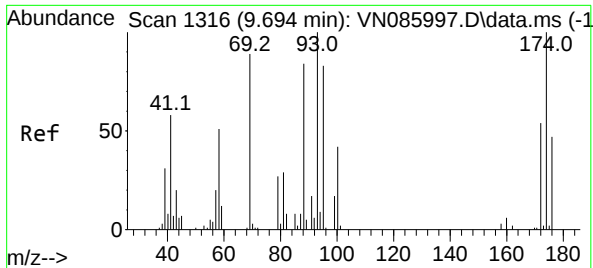


#48
Methyl methacrylate
Concen: 46.941 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51



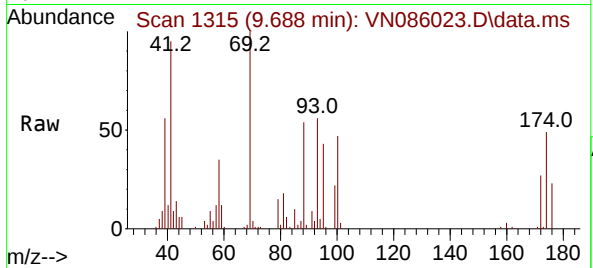
Tgt Ion: 41 Resp: 71208
Ion Ratio Lower Upper
41 100
69 105.0 83.1 124.7
39 56.8 45.6 68.4





#49
1,4-Dioxane
Concen: 843.183 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

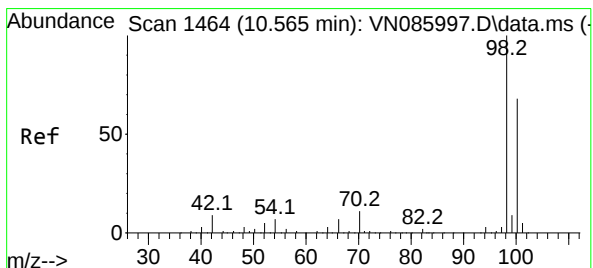
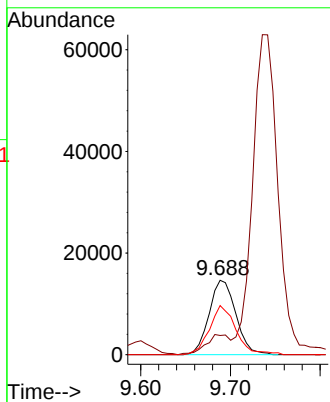
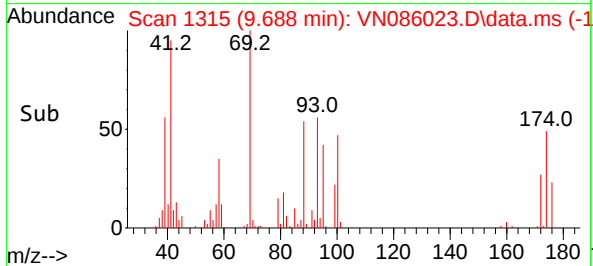
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 3023
Ion Ratio Lower Upper
88 100
43 24.3 21.7 32.5
58 65.6 50.4 75.6

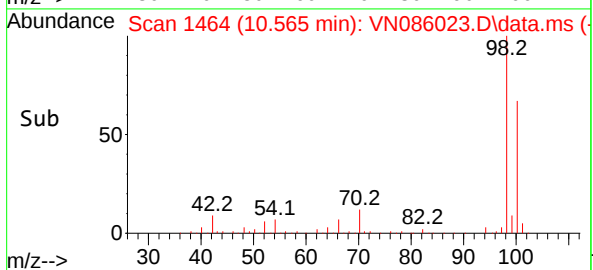
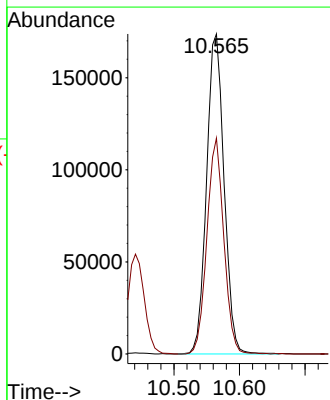
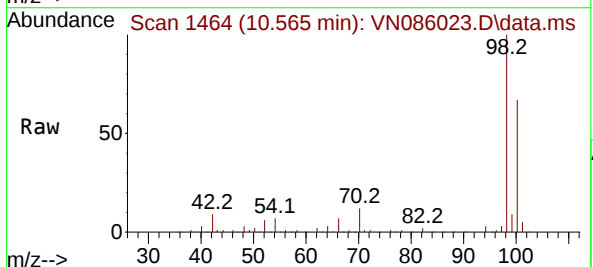
Manual Integrations
APPROVED

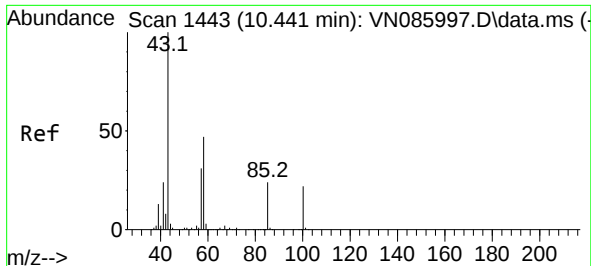
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#50
Toluene-d8
Concen: 46.474 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

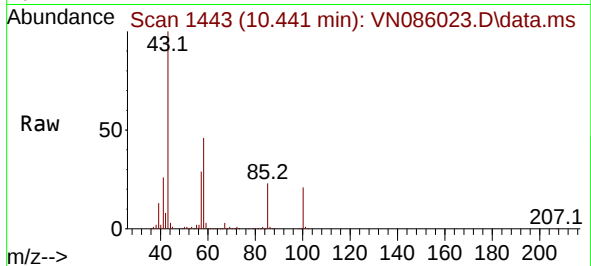
Tgt Ion: 98 Resp: 322105
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 226.558 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

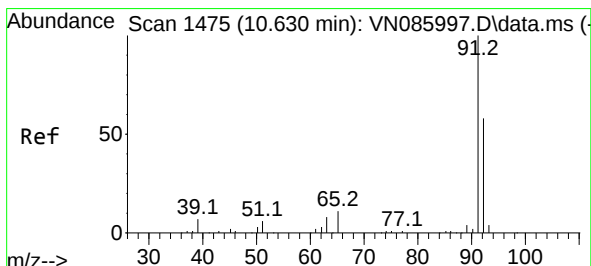
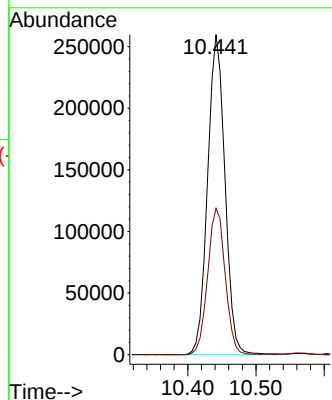
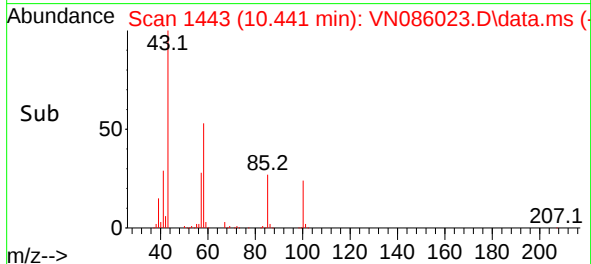
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 45932
Ion Ratio Lower Upper
43 100
58 46.4 37.4 56.0

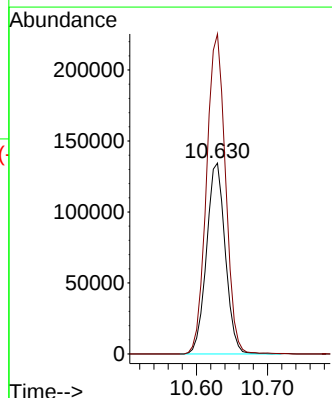
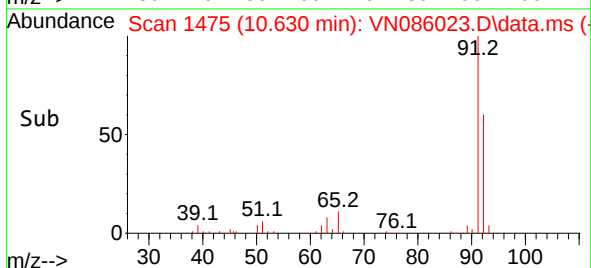
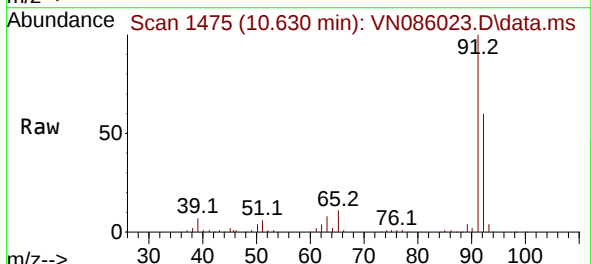
Manual Integrations
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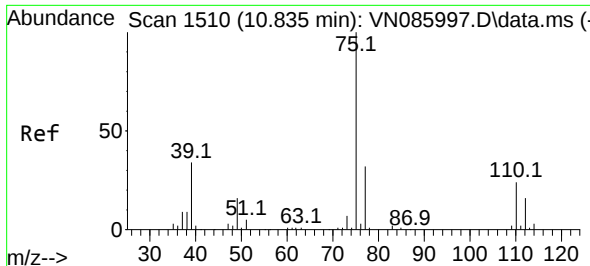
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#52
Toluene
Concen: 50.964 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

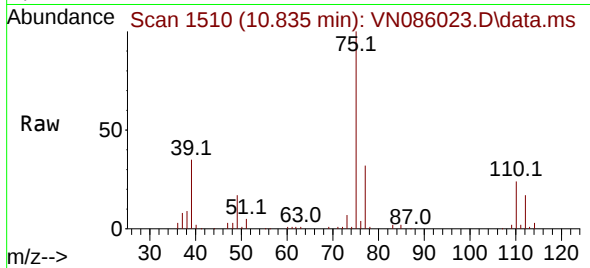
Tgt Ion: 92 Resp: 246917
Ion Ratio Lower Upper
92 100
91 169.6 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 48.034 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

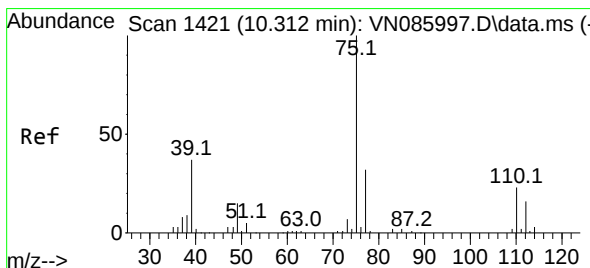
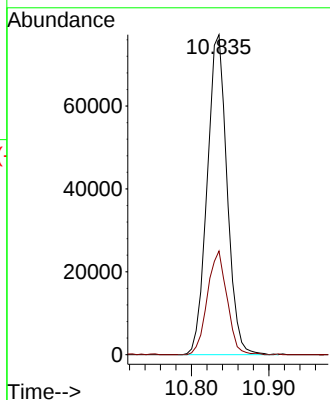
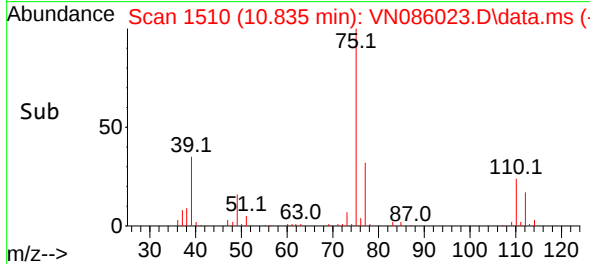
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



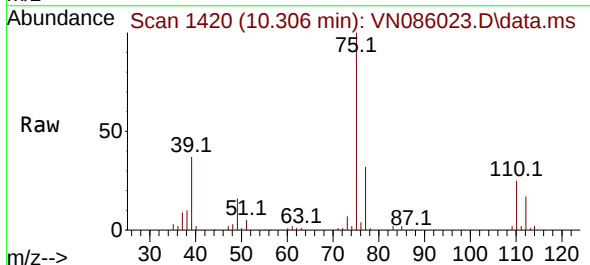
Tgt Ion: 75 Resp: 137660
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9

Manual Integrations
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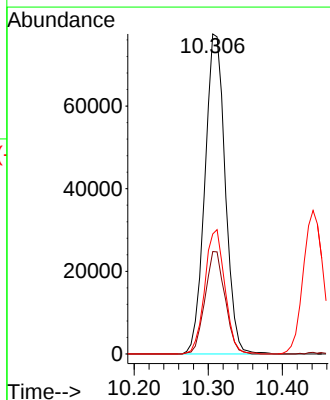
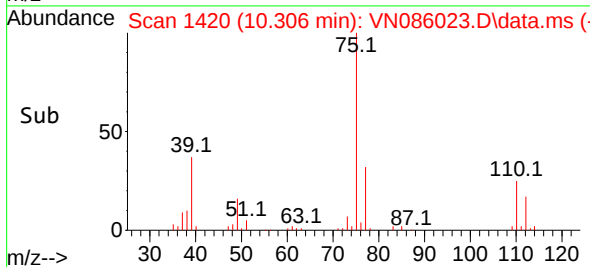
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

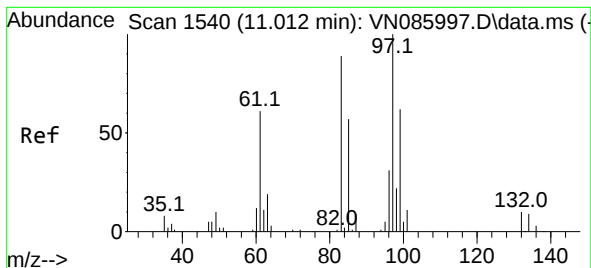


#54
cis-1,3-Dichloropropene
Concen: 48.820 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51



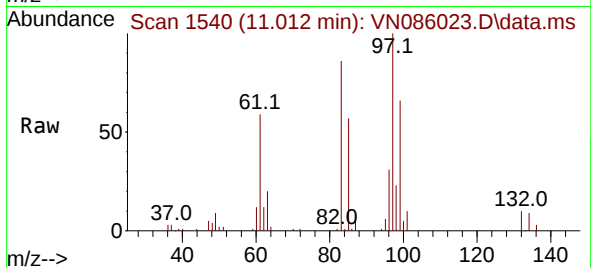
Tgt Ion: 75 Resp: 147619
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 37.5 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 48.625 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

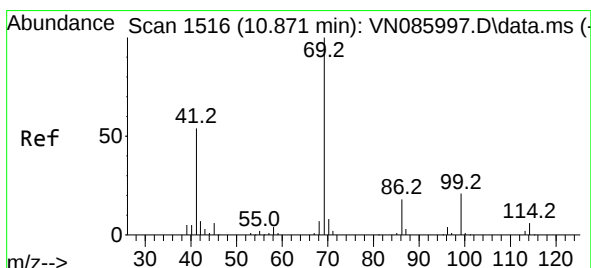
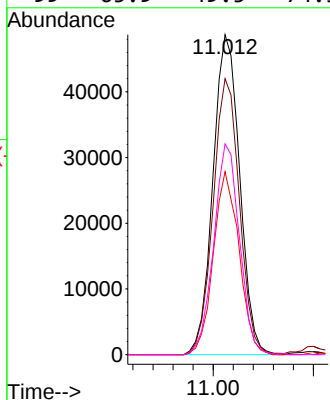
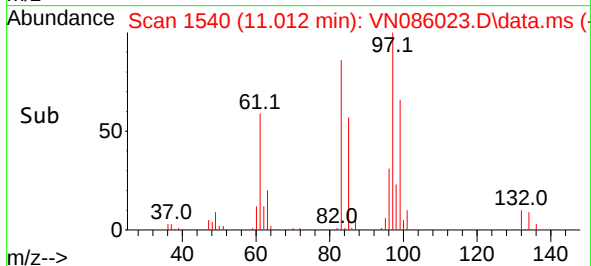
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



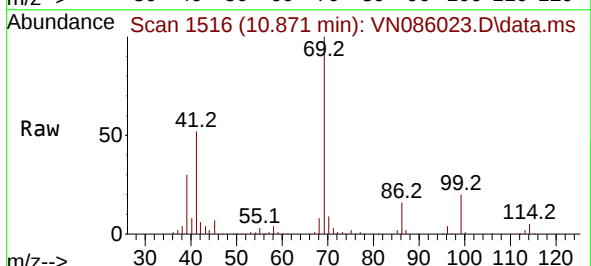
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.2	71.2	106.8
85	57.2	45.4	68.0
99	65.9	49.5	74.3

Manual Integrations
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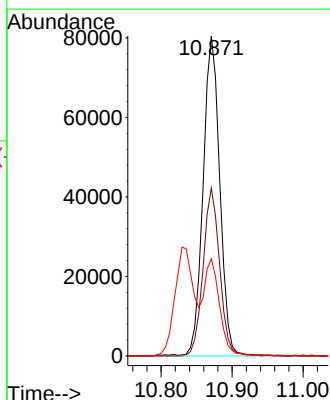
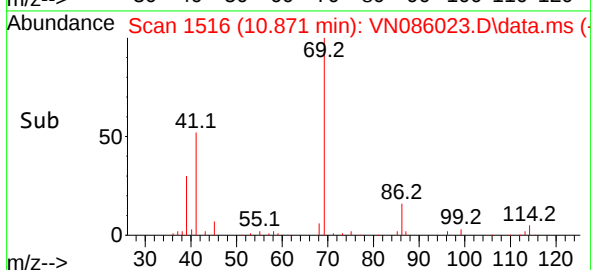
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

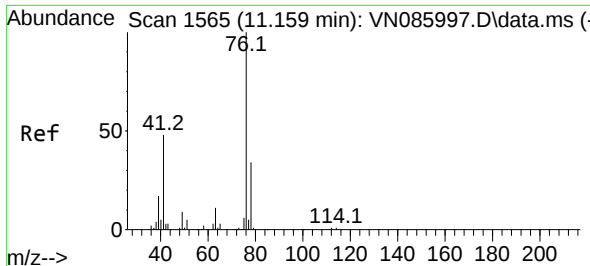


#56
Ethyl methacrylate
Concen: 46.299 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51



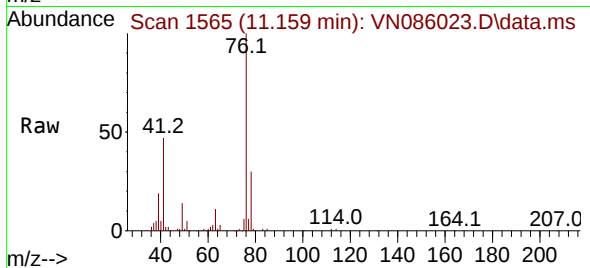
Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.2	41.6	62.4
39	28.7	21.8	32.8





#57
1,3-Dichloropropane
Concen: 48.130 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

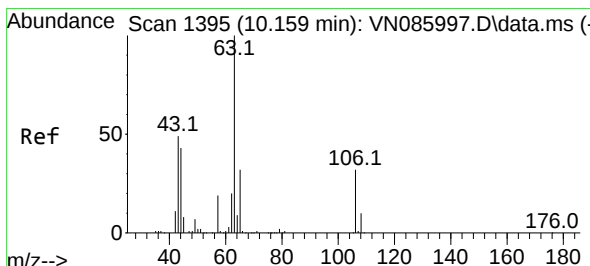
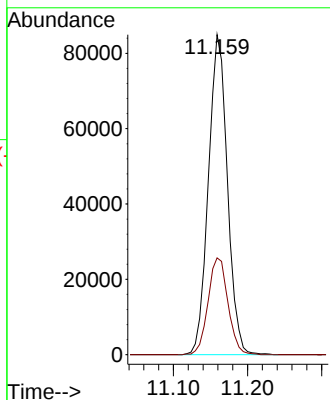
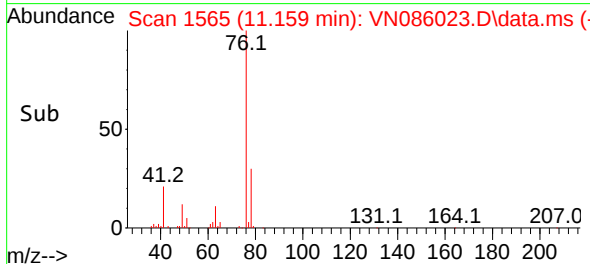
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 15116
Ion Ratio Lower Upper
76 100
78 31.7 25.8 38.6

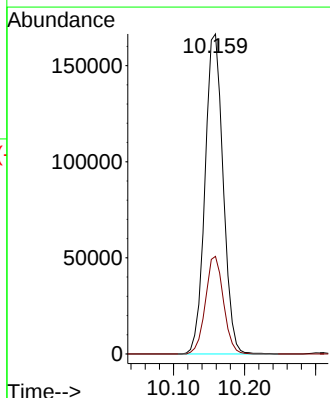
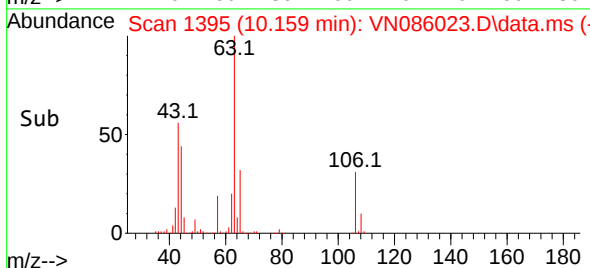
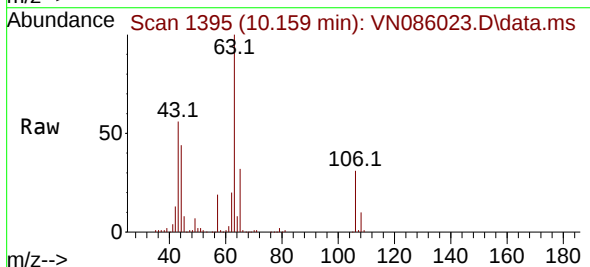
Manual Integrations
APPROVED

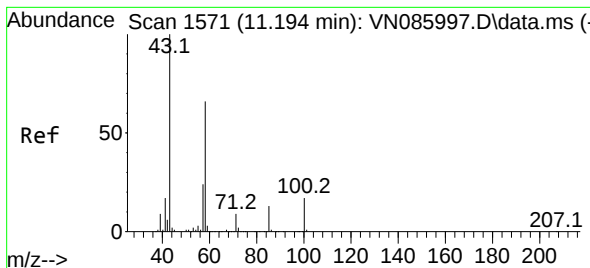
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#58
2-Chloroethyl Vinyl ether
Concen: 264.177 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

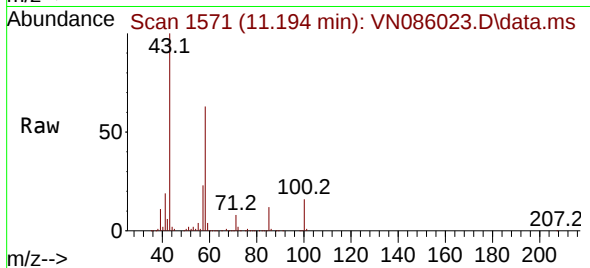
Tgt Ion: 63 Resp: 295138
Ion Ratio Lower Upper
63 100
106 30.4 25.0 37.6





#59
2-Hexanone
Concen: 225.962 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

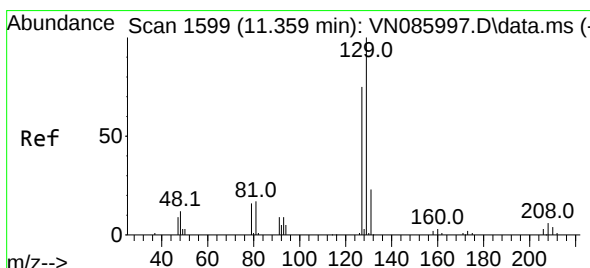
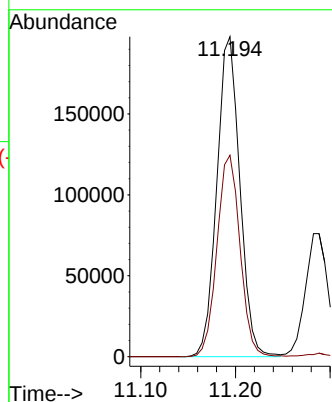
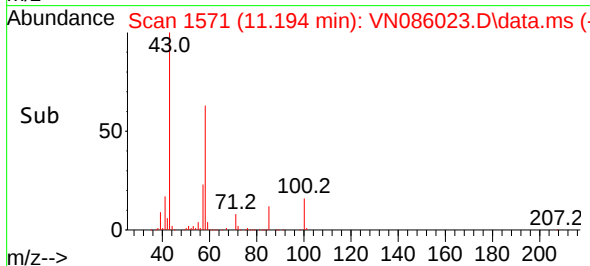
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 333733
Ion Ratio Lower Upper
43 100
58 63.1 32.4 97.2

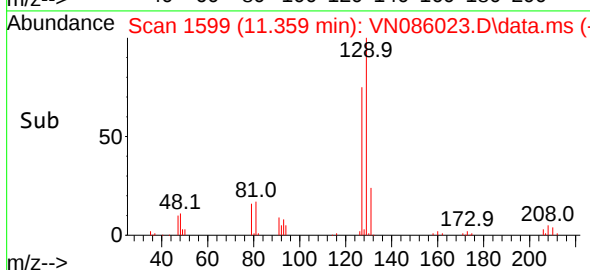
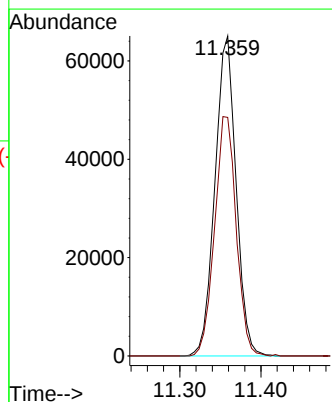
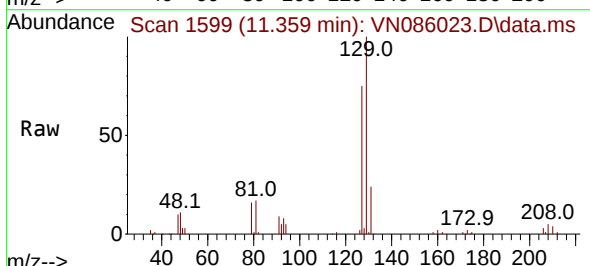
Manual Integrations
APPROVED

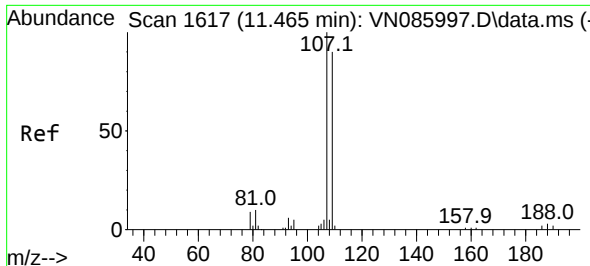
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#60
Dibromochloromethane
Concen: 49.265 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

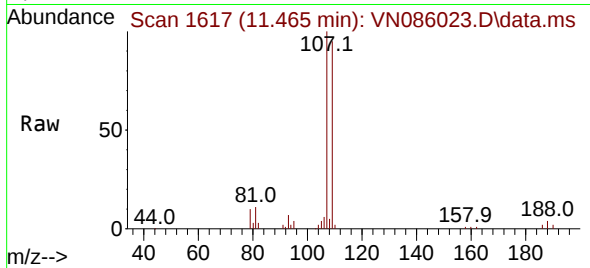
Tgt Ion:129 Resp: 117555
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4





#61
1,2-Dibromoethane
Concen: 48.051 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

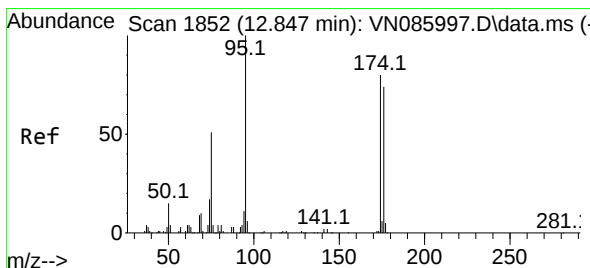
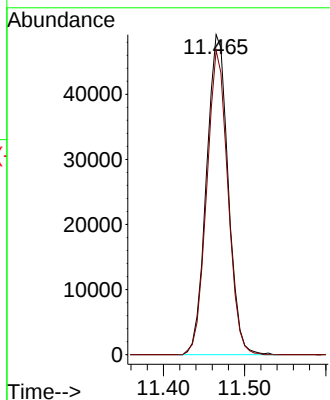
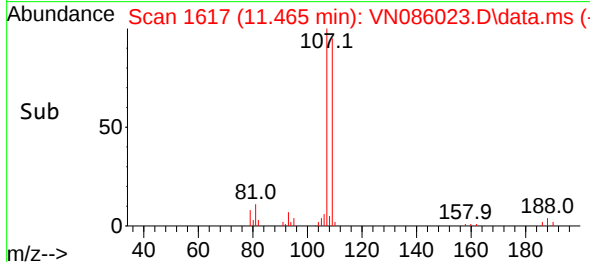
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



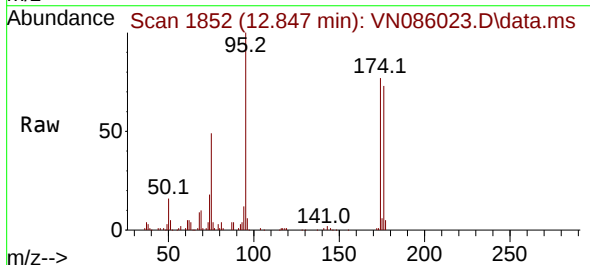
Tgt Ion:107 Resp: 91220
Ion Ratio Lower Upper
107 100
109 92.5 73.3 109.9

Manual Integrations
APPROVED

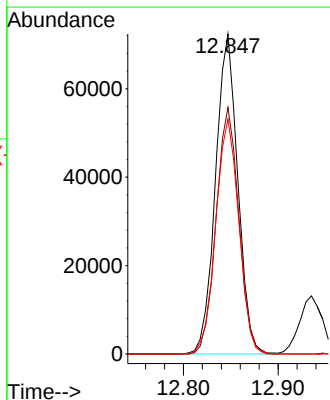
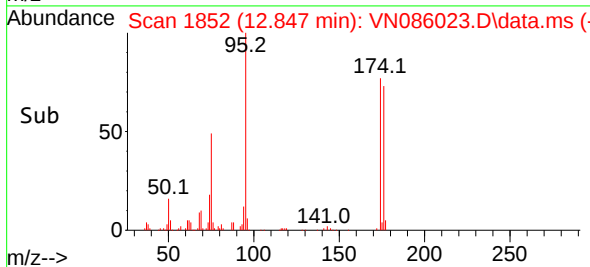
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

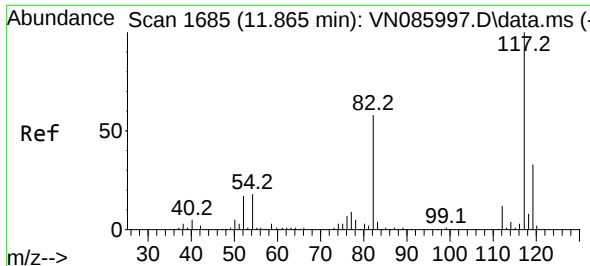


#62
4-Bromofluorobenzene
Concen: 47.914 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51



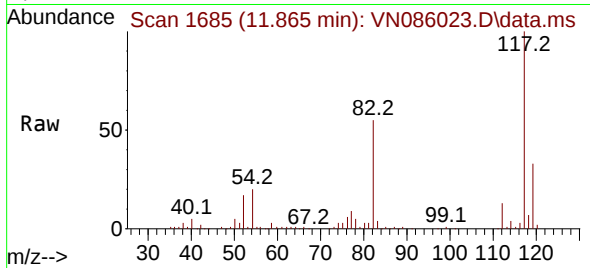
Tgt Ion: 95 Resp: 118432
Ion Ratio Lower Upper
95 100
174 78.2 0.0 156.8
176 75.8 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

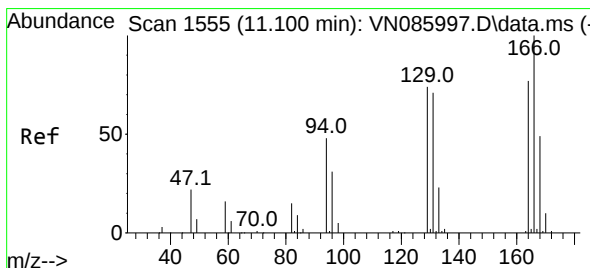
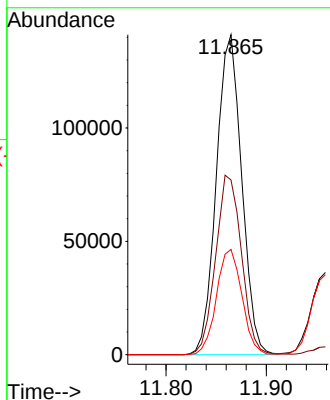
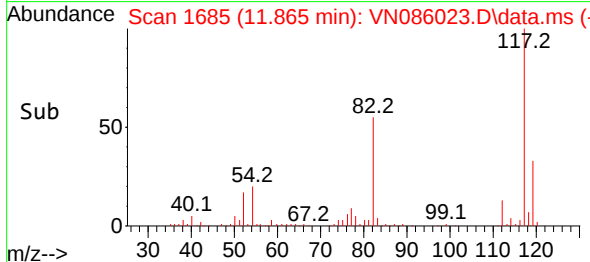
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



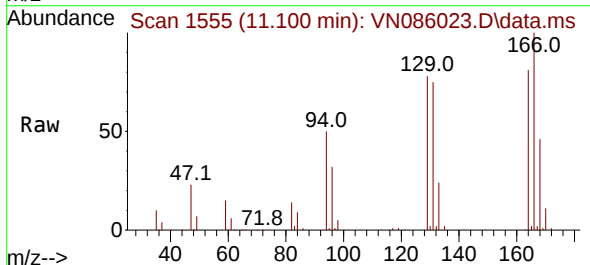
Tgt Ion:117 Resp: 24808
Ion Ratio Lower Upper
117 100
82 54.6 46.7 70.1
119 32.9 26.5 39.7

Manual Integrations
APPROVED

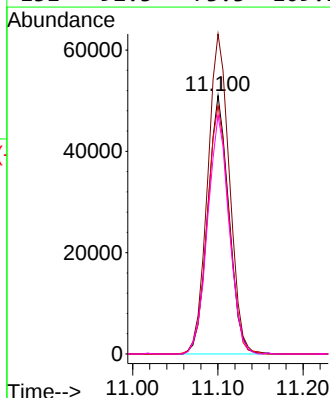
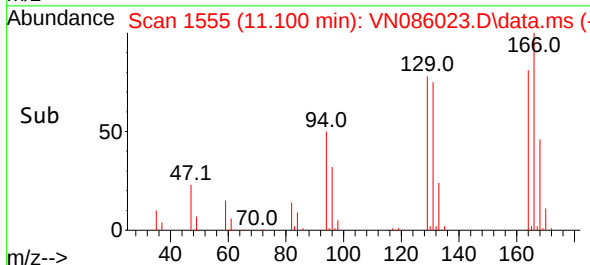
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

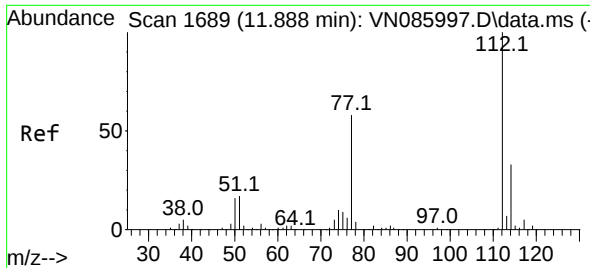


#64
Tetrachloroethene
Concen: 44.618 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51



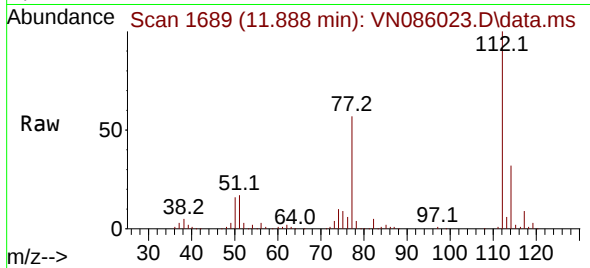
Tgt Ion:164 Resp: 88300
Ion Ratio Lower Upper
164 100
166 123.9 103.7 155.5
129 96.1 77.1 115.7
131 92.3 73.3 109.9





#65
Chlorobenzene
Concen: 46.777 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

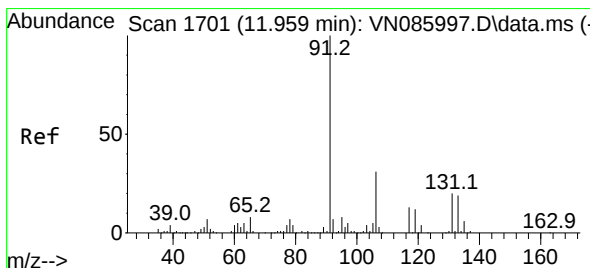
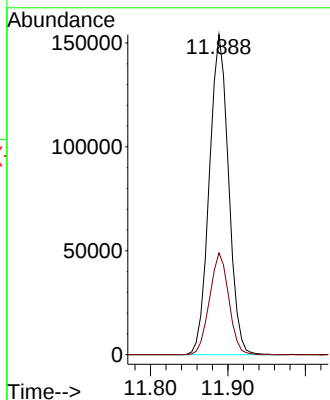
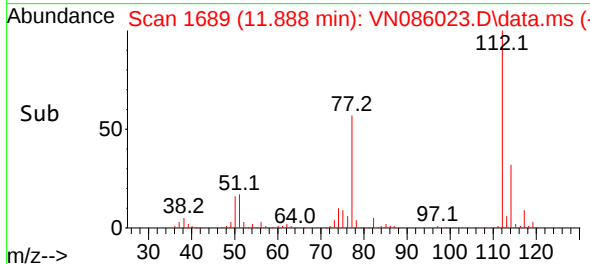
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



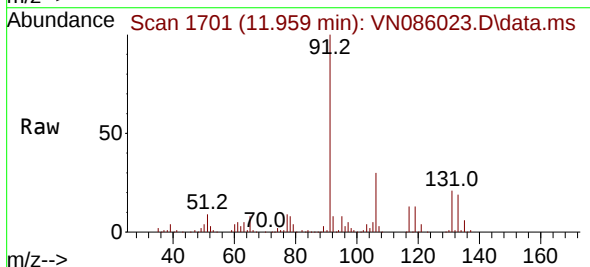
Tgt Ion:112 Resp: 26554
Ion Ratio Lower Upper
112 100
114 31.8 26.3 39.5

Manual Integrations
APPROVED

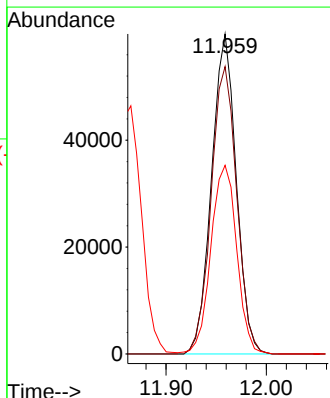
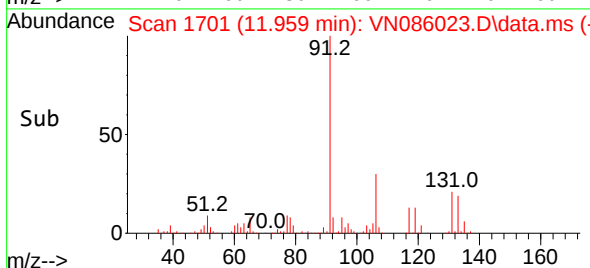
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.547 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51



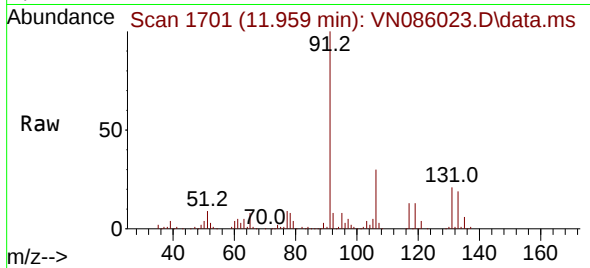
Tgt Ion:131 Resp: 102449
Ion Ratio Lower Upper
131 100
133 93.2 47.0 141.0
119 61.8 31.4 94.0





#67
Ethyl Benzene
Concen: 50.997 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

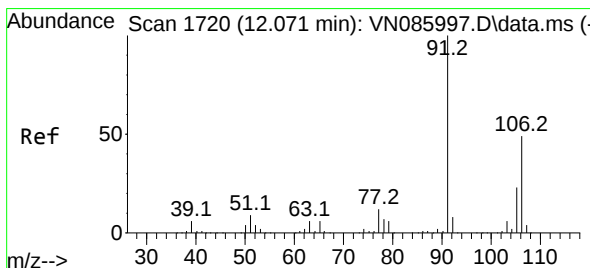
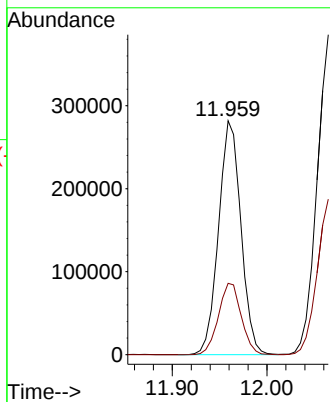
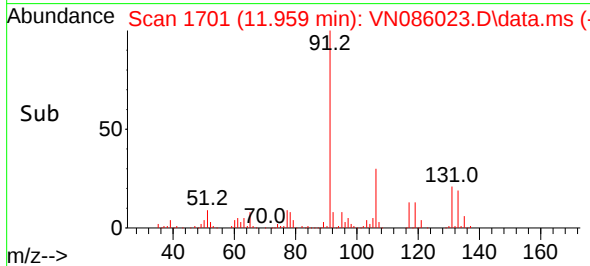
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



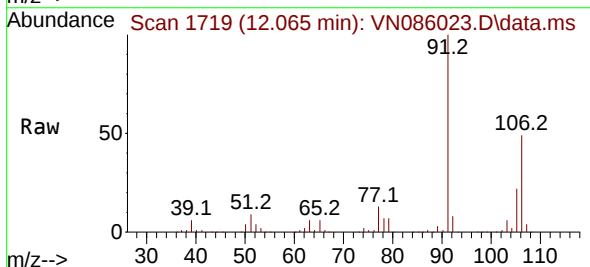
Tgt Ion: 91 Resp: 46310
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7

Manual Integrations
APPROVED

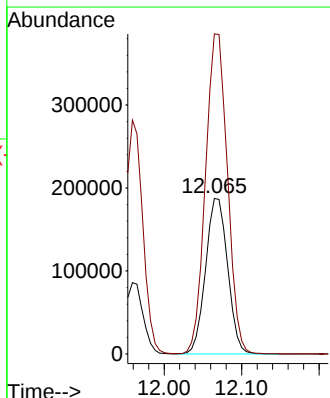
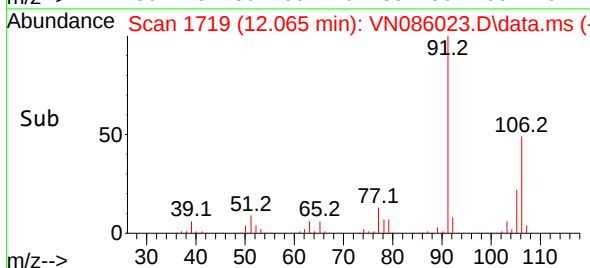
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

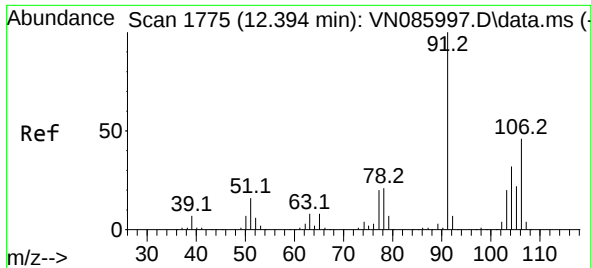


#68
m/p-Xylenes
Concen: 103.879 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51



Tgt Ion:106 Resp: 370768
Ion Ratio Lower Upper
106 100
91 205.1 163.9 245.9





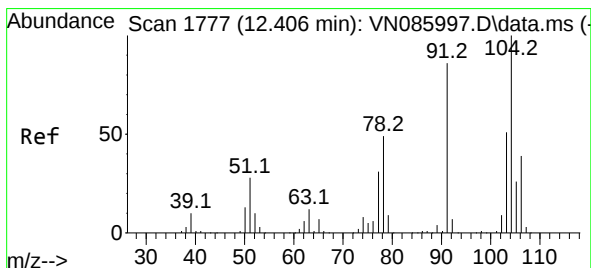
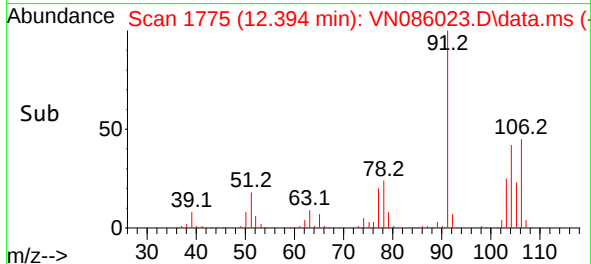
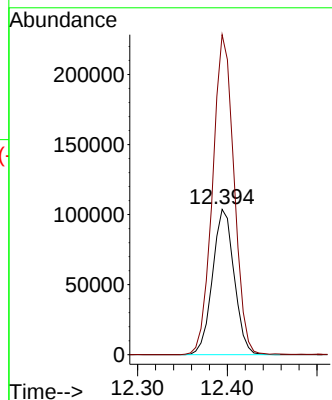
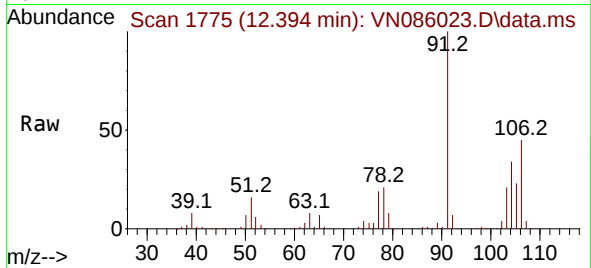
#69
o-Xylene
Concen: 52.953 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 173460
Ion Ratio Lower Upper
106 100
91 218.9 109.1 327.2

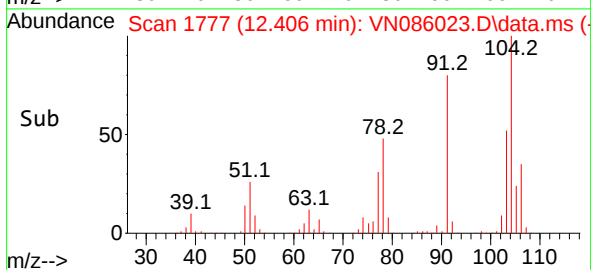
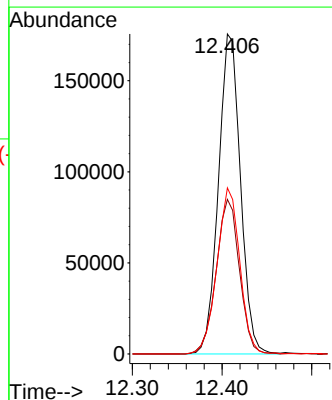
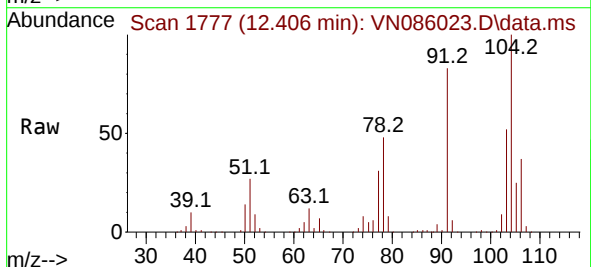
Manual Integrations
APPROVED

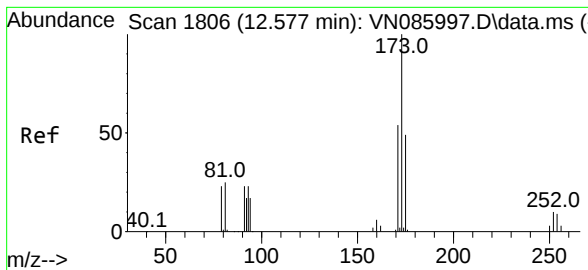
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#70
Styrene
Concen: 53.553 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Tgt Ion:104 Resp: 299643
Ion Ratio Lower Upper
104 100
78 51.0 41.4 62.2
103 53.7 42.9 64.3





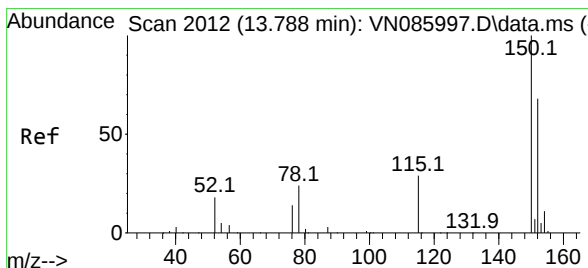
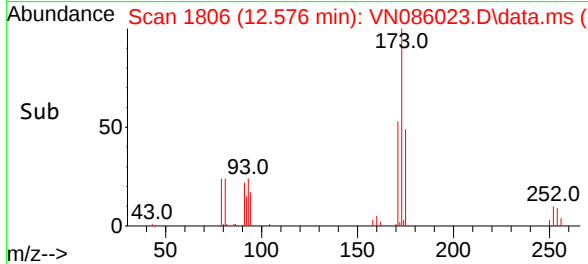
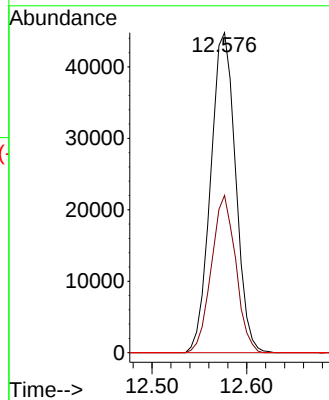
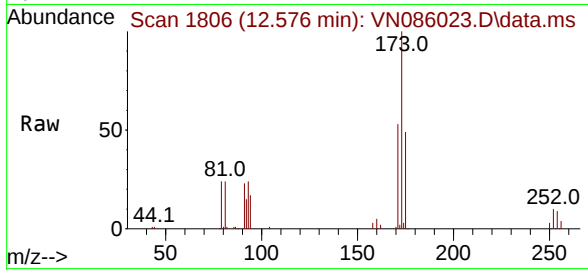
#71
Bromoform
Concen: 46.483 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 8200
Ion Ratio Lower Upper
173 100
175 47.9 24.3 73.0
254 0.0 0.0 0.0

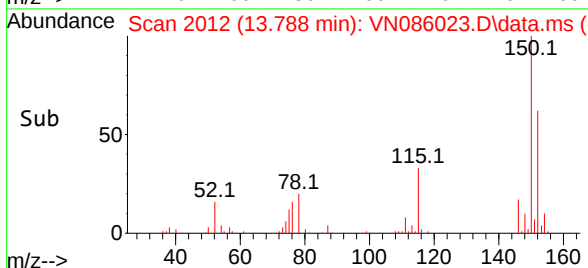
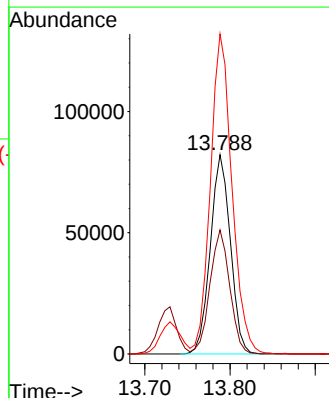
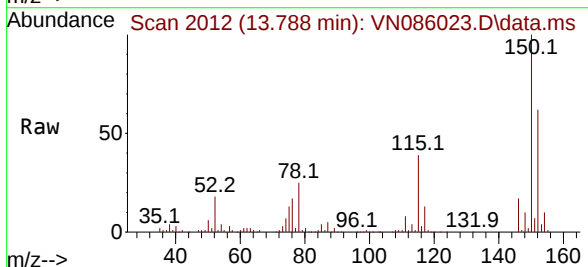
Manual Integrations
APPROVED

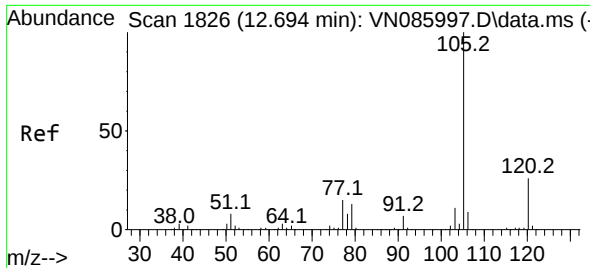
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

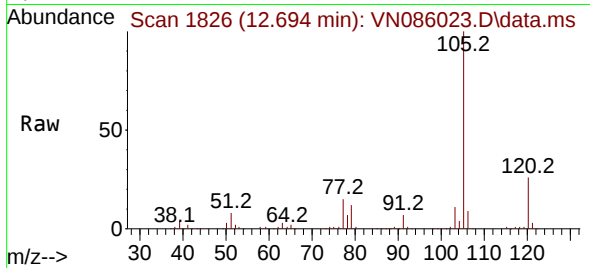
Tgt Ion:152 Resp: 134451
Ion Ratio Lower Upper
152 100
115 61.4 31.1 93.2
150 172.4 0.0 359.6





#73
Isopropylbenzene
Concen: 47.103 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

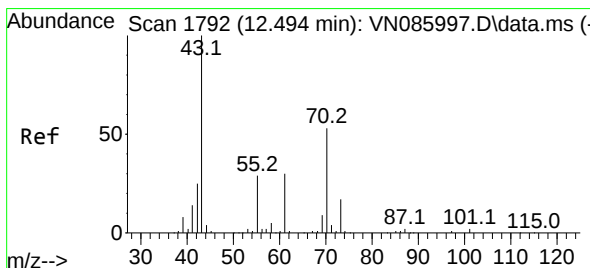
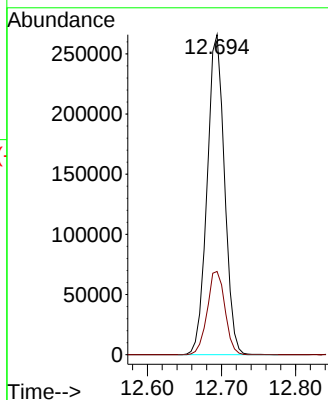
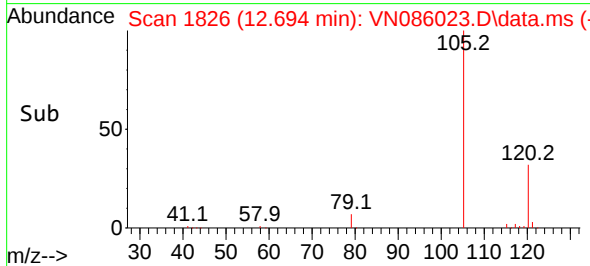
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



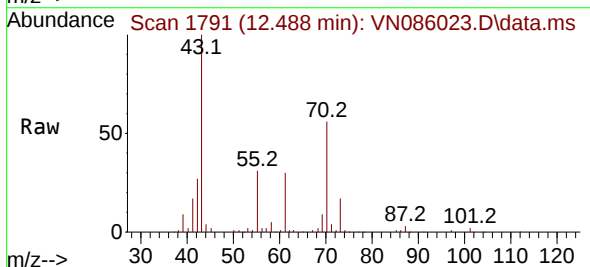
Tgt Ion:105 Resp: 43247
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0

Manual Integrations
APPROVED

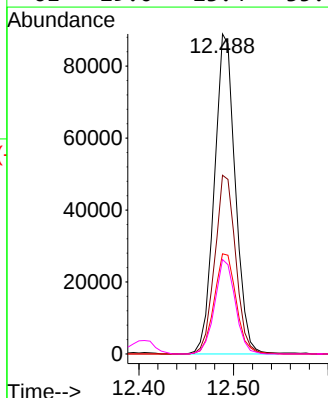
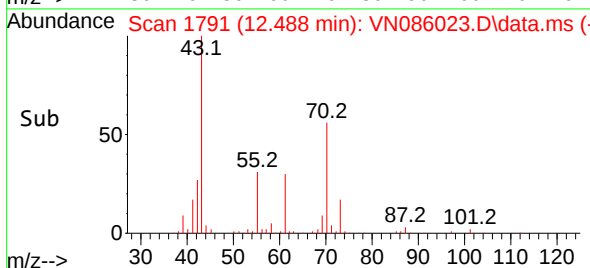
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

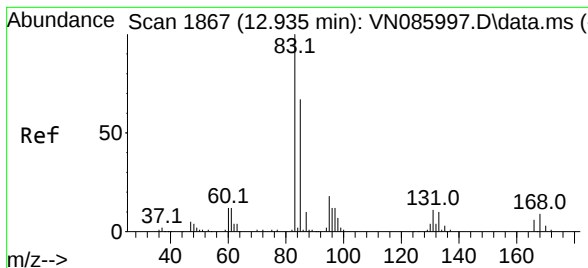


#74
N-ethyl acetate
Concen: 44.442 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51



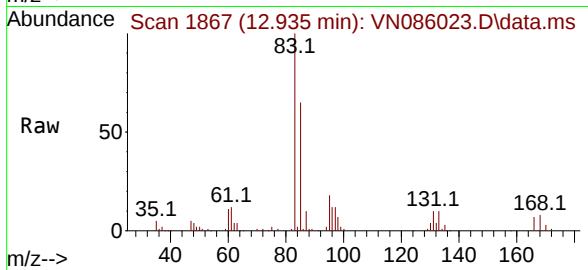
Tgt Ion: 43 Resp: 136517
Ion Ratio Lower Upper
43 100
70 55.8 43.0 64.4
55 32.7 23.8 35.8
61 29.0 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 40.737 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

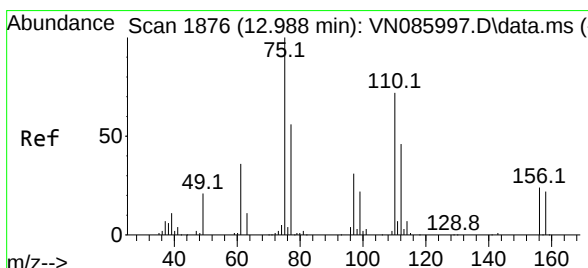
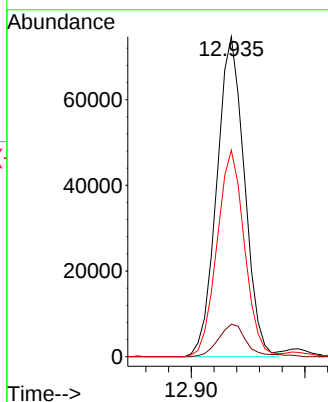
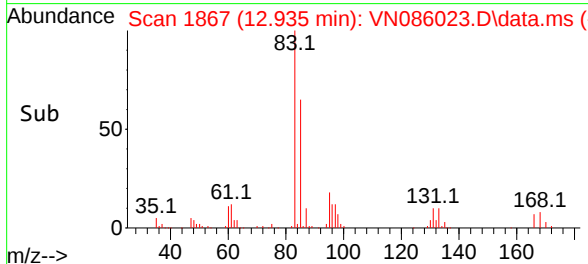
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 126538
Ion Ratio Lower Upper
83 100
131 10.5 5.5 16.5
85 63.9 32.6 97.8

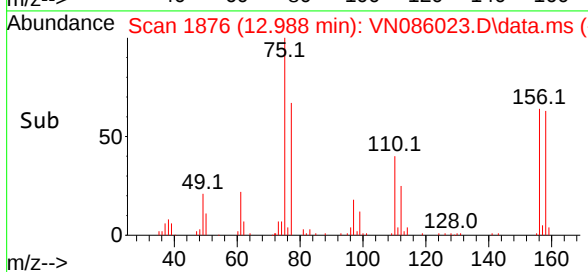
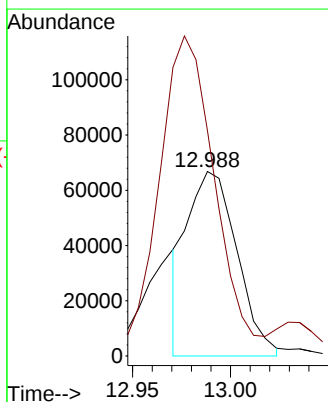
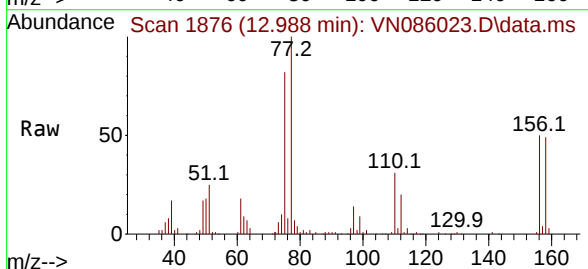
Manual Integrations
APPROVED

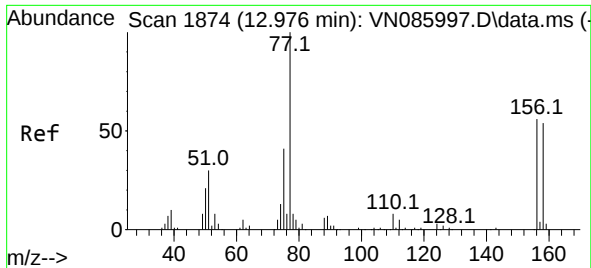
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#76
1,2,3-Trichloropropane
Concen: 39.256 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

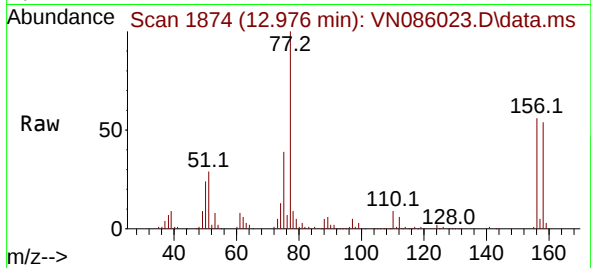
Tgt Ion: 75 Resp: 118163
Ion Ratio Lower Upper
75 100
77 195.5 83.7 251.0





#77
Bromobenzene
Concen: 44.011 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

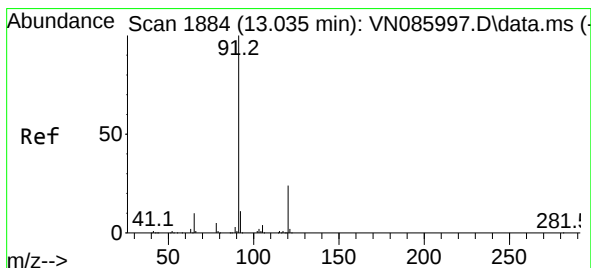
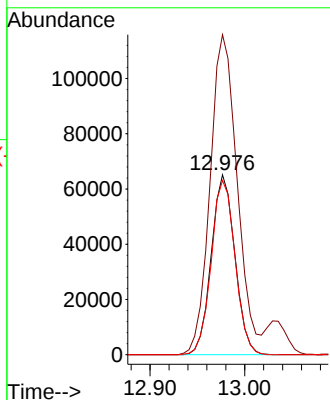
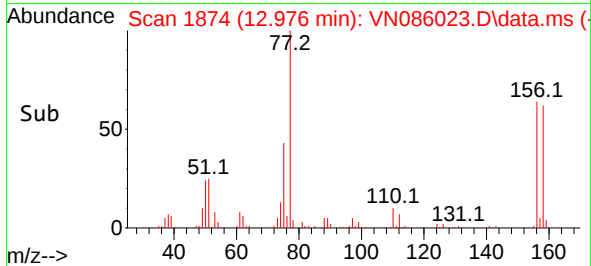
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



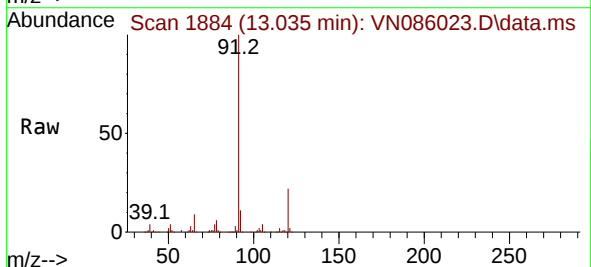
Tgt Ion:156 Resp: 112674
Ion Ratio Lower Upper
156 100
77 205.0 104.1 312.3
158 98.0 49.0 147.0

Manual Integrations
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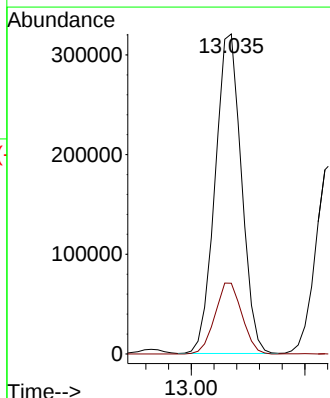
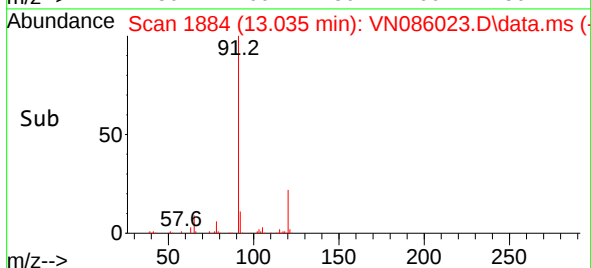
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

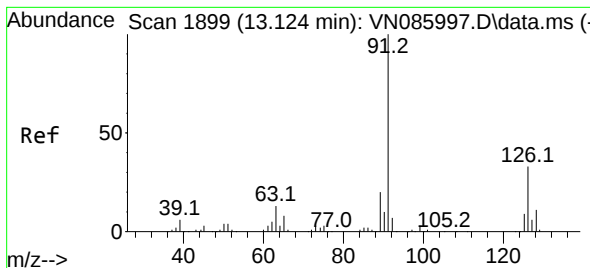


#78
n-propylbenzene
Concen: 49.640 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51



Tgt Ion: 91 Resp: 516089
Ion Ratio Lower Upper
91 100
120 22.7 11.7 35.0





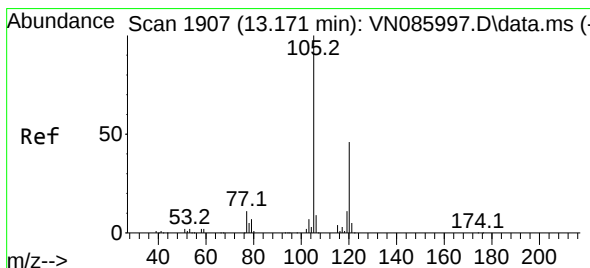
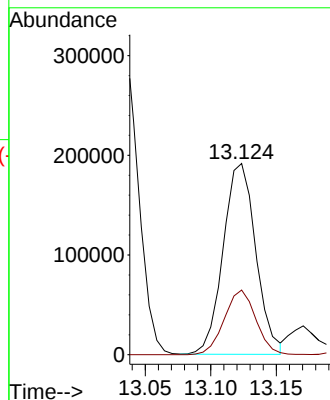
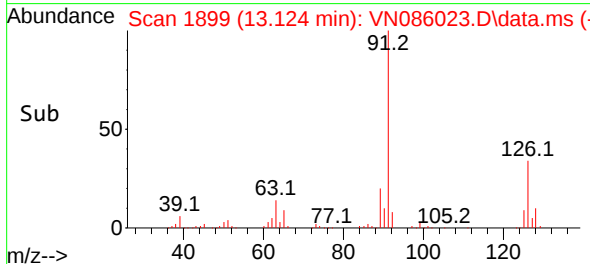
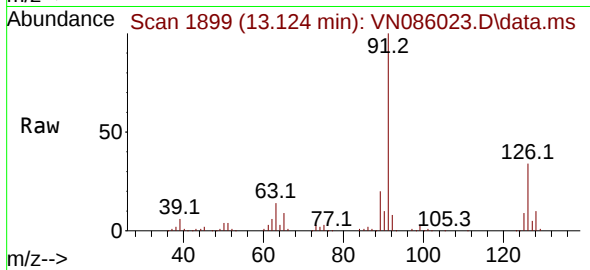
#79
2-Chlorotoluene
Concen: 48.079 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 332010
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.2

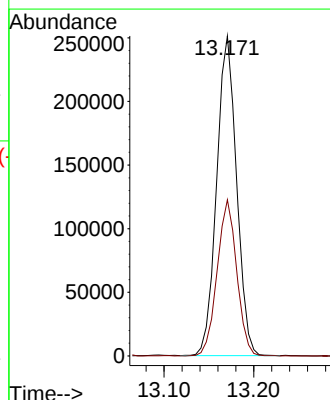
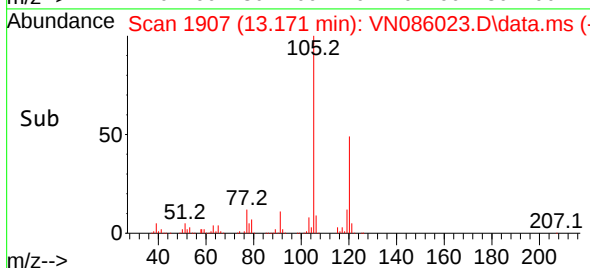
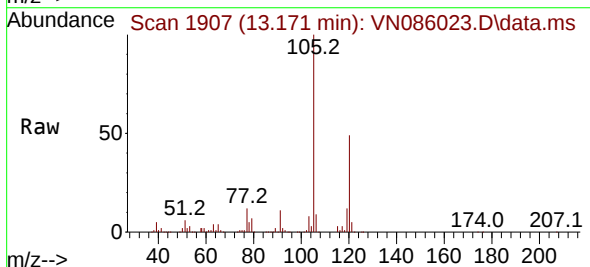
Manual Integrations
APPROVED

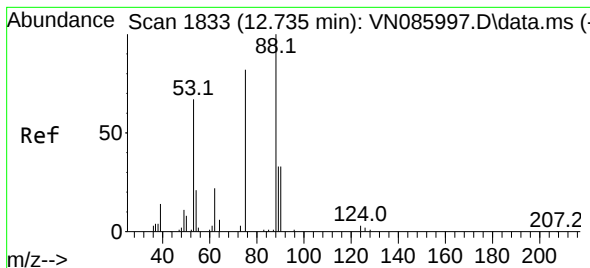
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.902 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

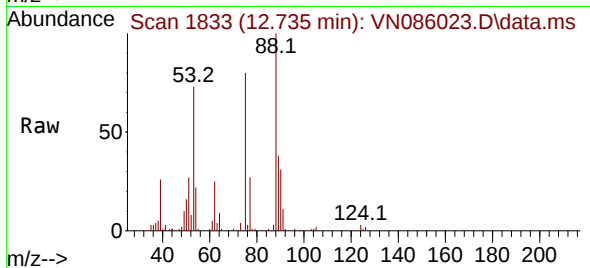
Tgt Ion:105 Resp: 386831
Ion Ratio Lower Upper
105 100
120 48.1 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 39.217 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

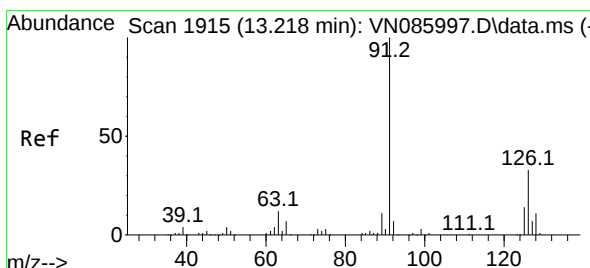
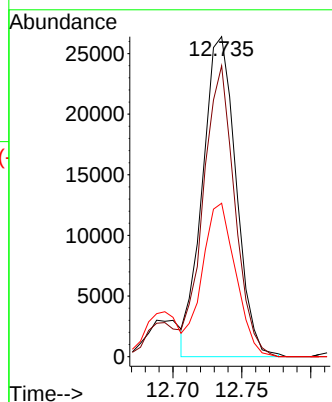
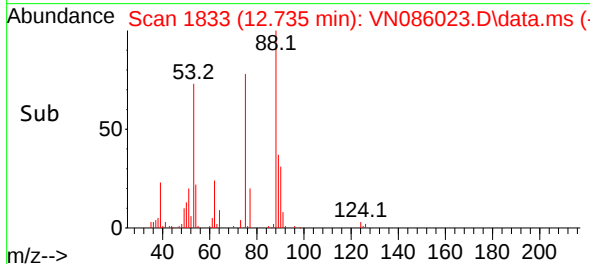
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



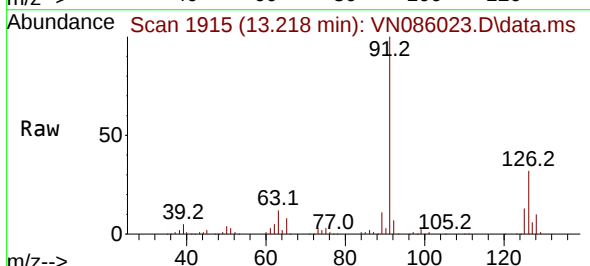
Tgt Ion: 75 Resp: 44650
Ion Ratio Lower Upper
75 100
53 85.2 66.0 99.0
89 48.3 36.9 55.3

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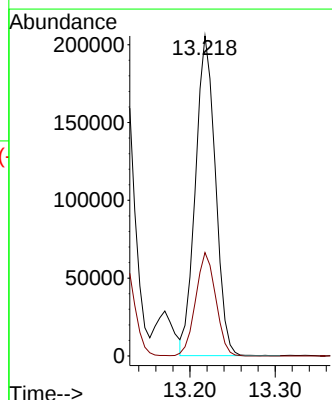
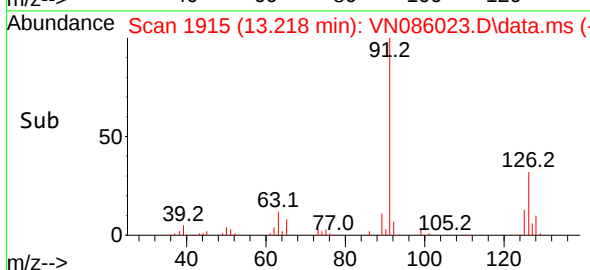
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

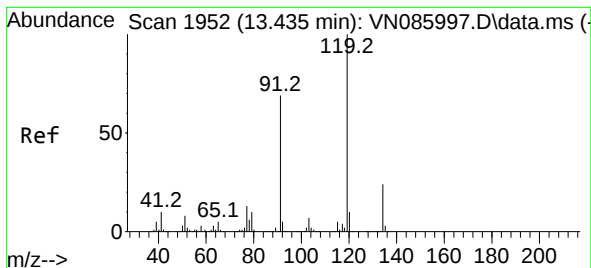


#82
4-Chlorotoluene
Concen: 46.913 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51



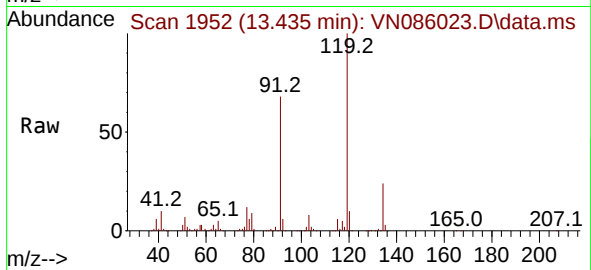
Tgt Ion: 91 Resp: 333147
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.2





#83
tert-Butylbenzene
Concen: 47.206 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

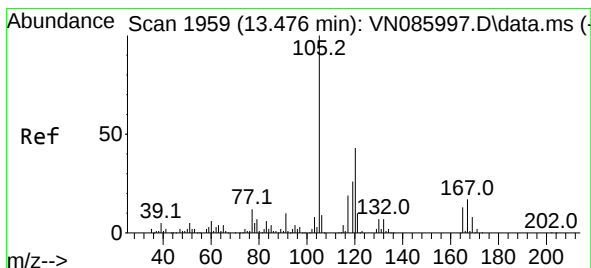
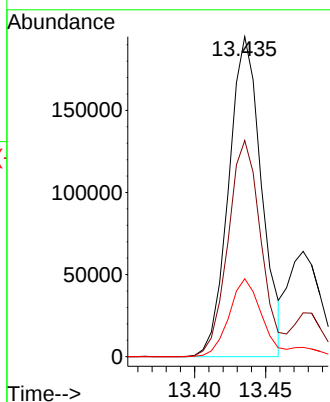
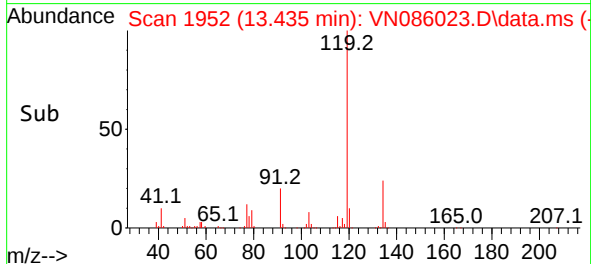
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



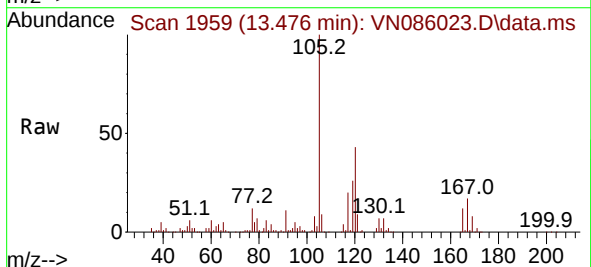
Tgt Ion:119 Resp: 31296
Ion Ratio Lower Upper
119 100
91 68.8 34.3 102.9
134 24.1 13.5 40.5

Manual Integrations
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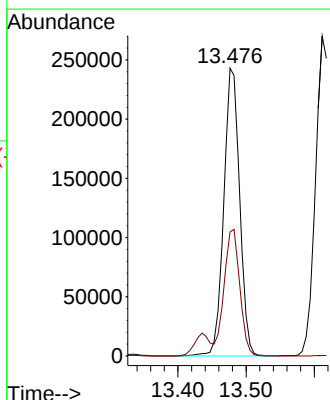
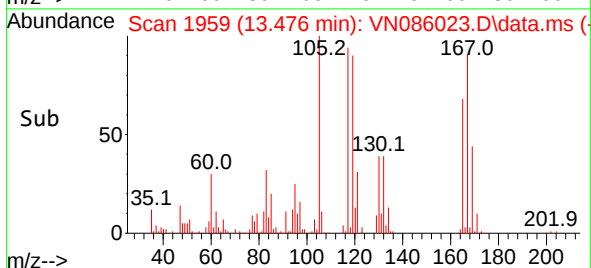
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

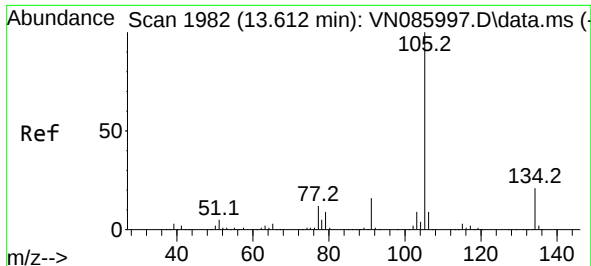


#84
1,2,4-Trimethylbenzene
Concen: 50.421 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51



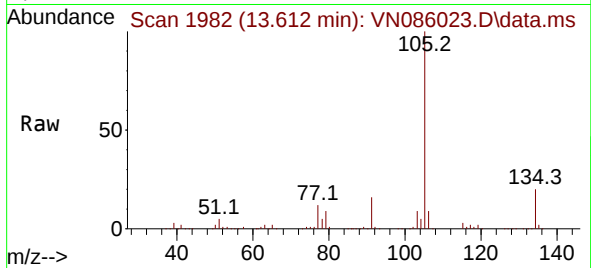
Tgt Ion:105 Resp: 394217
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 49.395 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086023.D
 Acq: 19 Mar 2025 20:51

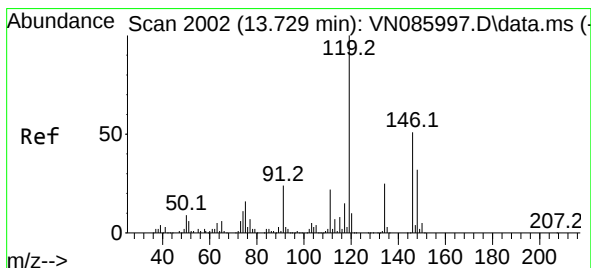
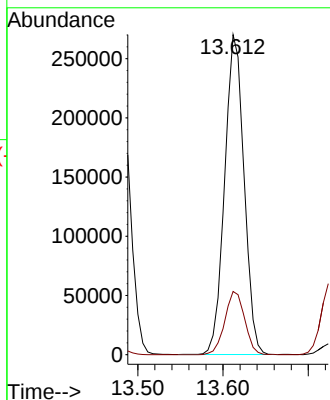
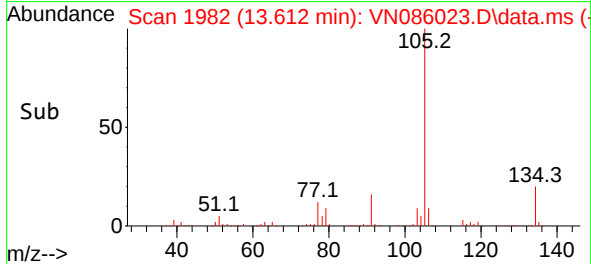
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



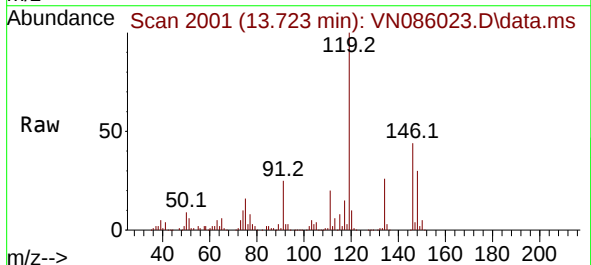
Tgt Ion:105 Resp: 42720
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
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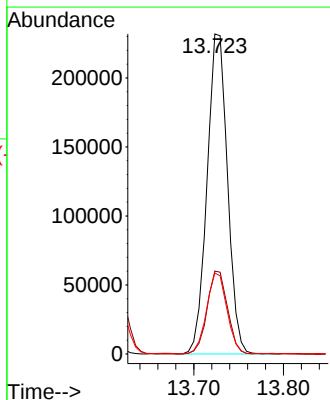
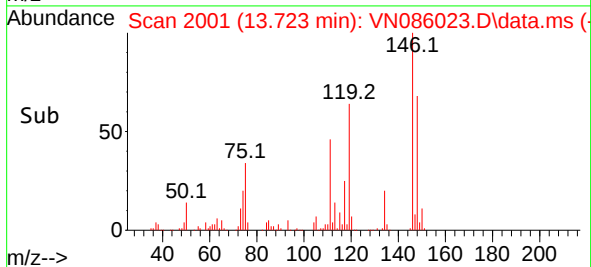
Reviewed By :John Carlone 03/20/2025
 Supervised By :Mahesh Dadoda 03/20/2025

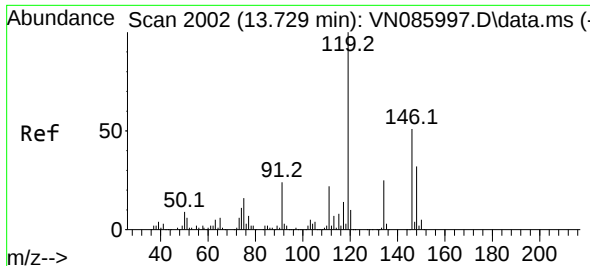


#86
 p-Isopropyltoluene
 Concen: 50.130 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN086023.D
 Acq: 19 Mar 2025 20:51



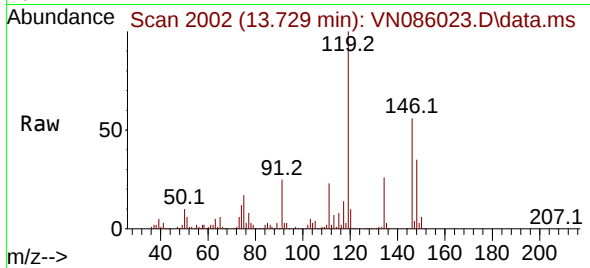
Tgt Ion:119 Resp: 367016
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 25.2 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 45.605 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

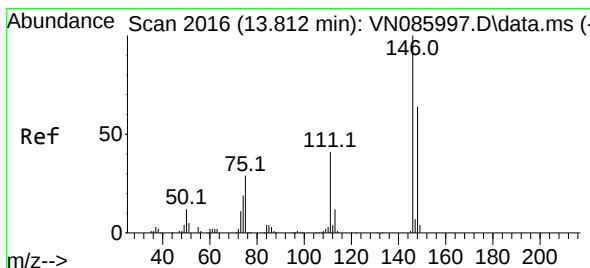
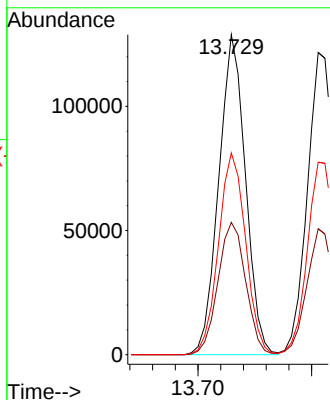
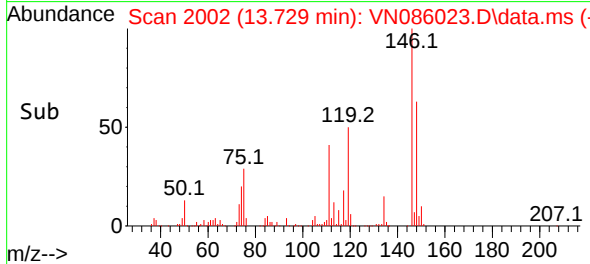
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



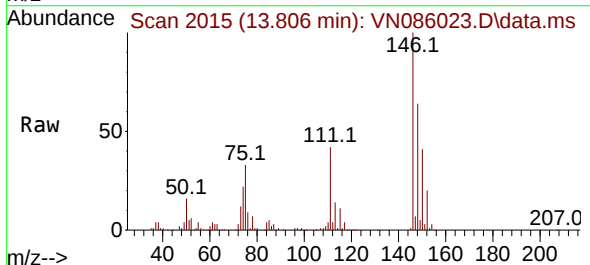
Tgt Ion:146 Resp: 21045
Ion Ratio Lower Upper
146 100
111 43.0 21.2 63.6
148 64.2 31.8 95.4

Manual Integrations
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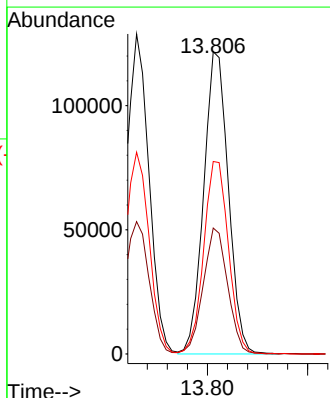
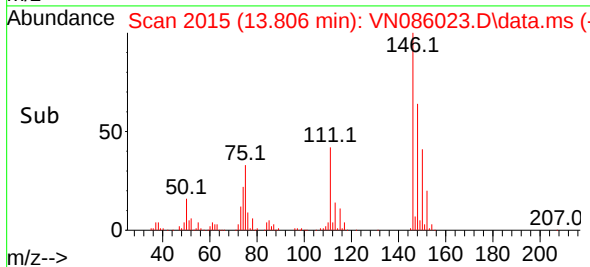
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

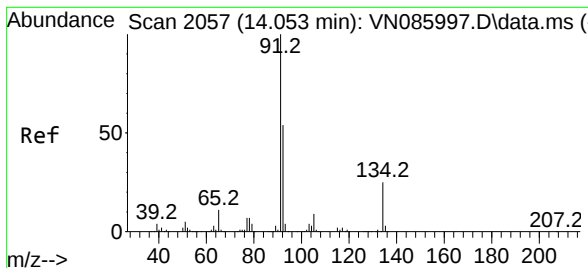


#88
1,4-Dichlorobenzene
Concen: 42.963 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51



Tgt Ion:146 Resp: 208303
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 63.8 32.1 96.5





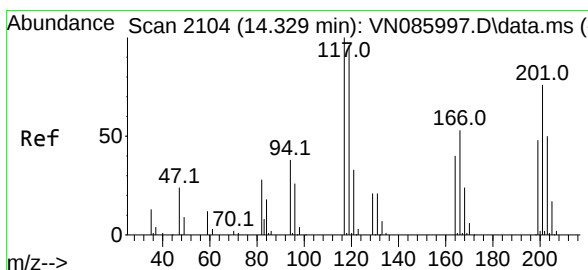
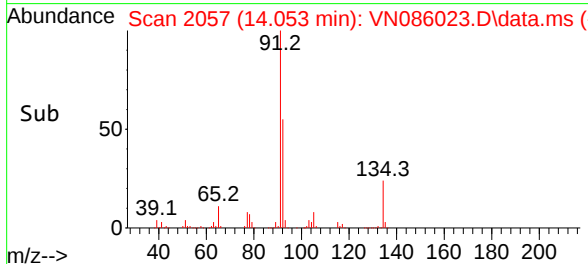
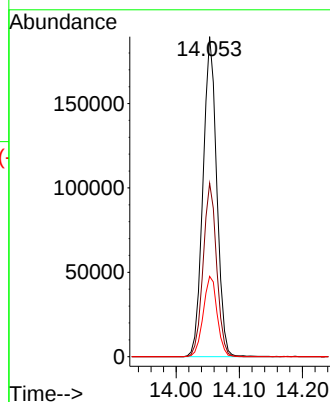
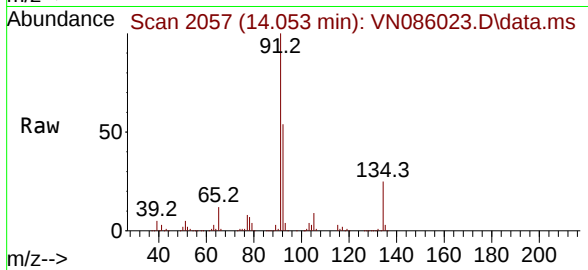
#89
n-Butylbenzene
Concen: 48.149 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 287064
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.6
134 25.4 13.0 39.0

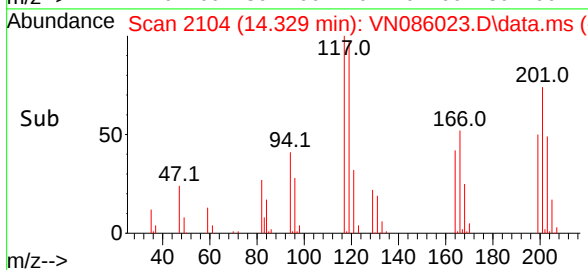
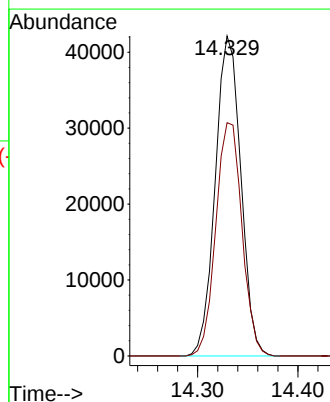
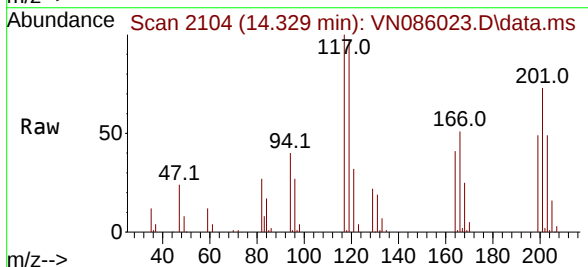
Manual Integrations
APPROVED

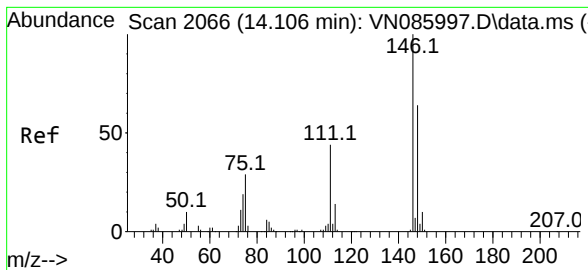
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#90
Hexachloroethane
Concen: 44.246 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Tgt Ion:117 Resp: 74747
Ion Ratio Lower Upper
117 100
201 74.5 39.1 117.3





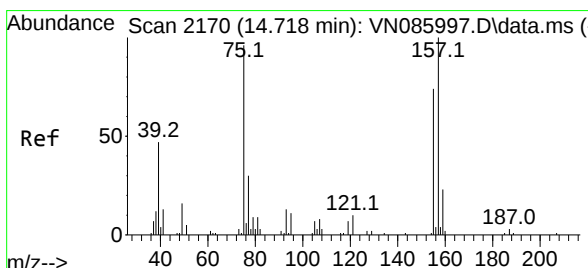
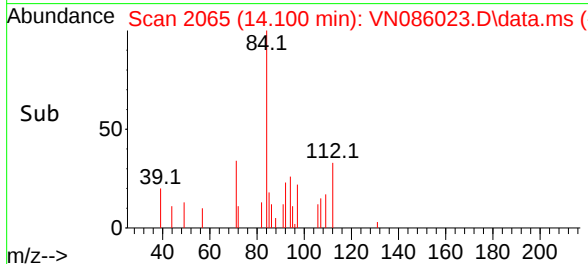
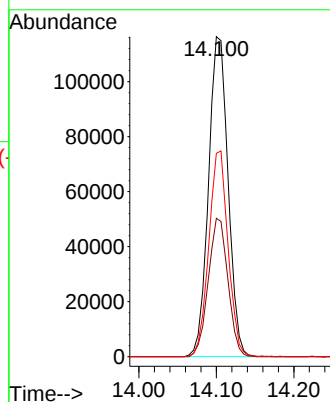
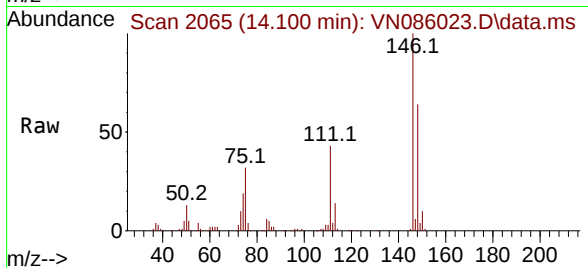
#91
1,2-Dichlorobenzene
Concen: 44.492 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 20410
Ion Ratio Lower Upper
146 100
111 43.3 22.3 66.8
148 63.3 32.1 96.5

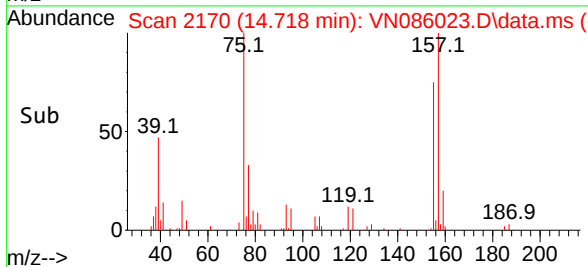
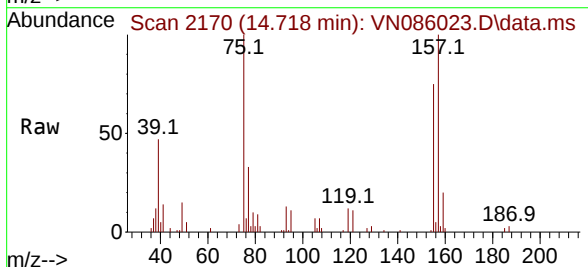
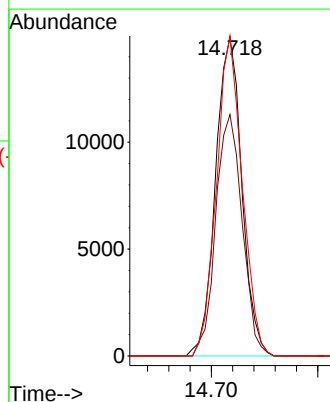
Manual Integrations
APPROVED

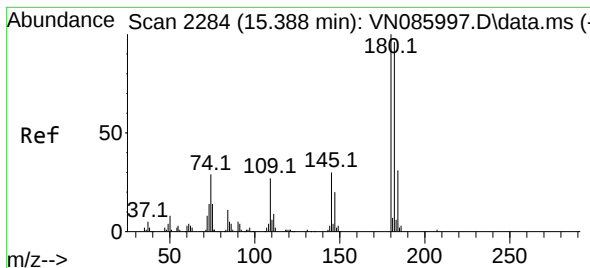
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.063 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Tgt Ion: 75 Resp: 25461
Ion Ratio Lower Upper
75 100
155 76.6 41.0 123.0
157 98.7 53.7 161.1





#93

1,2,4-Trichlorobenzene

Concen: 42.088 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086023.D

Acq: 19 Mar 2025 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 9708

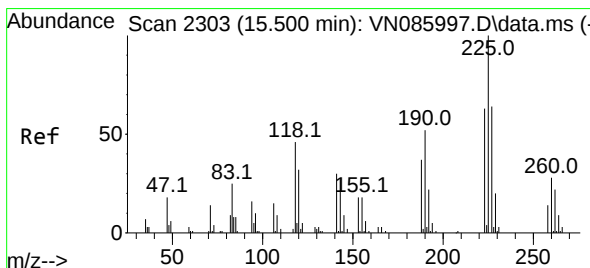
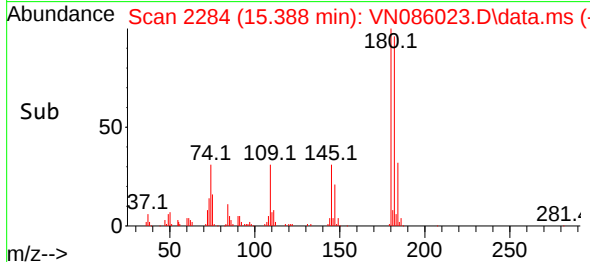
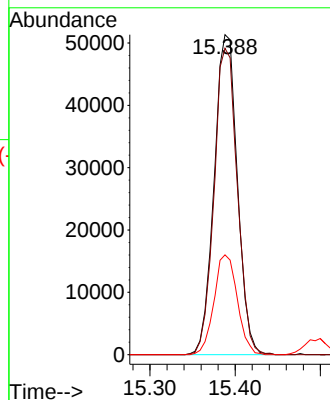
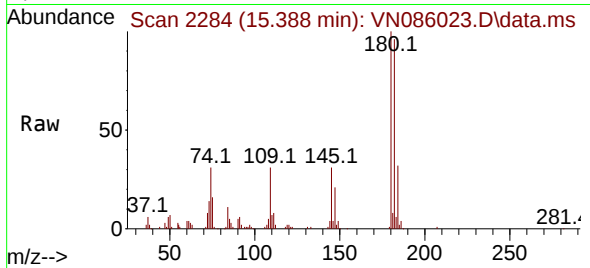
Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.0	141.0
145	31.3	15.5	46.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#94

Hexachlorobutadiene

Concen: 38.226 ug/l

RT: 15.500 min Scan# 2303

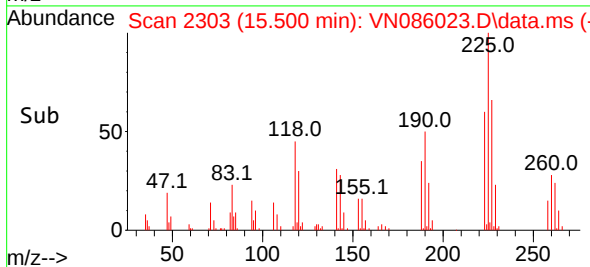
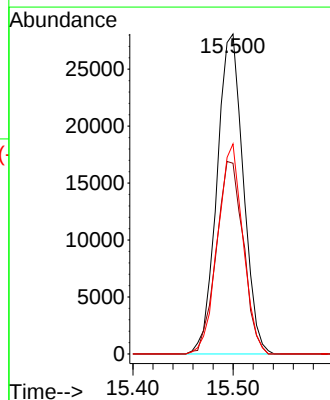
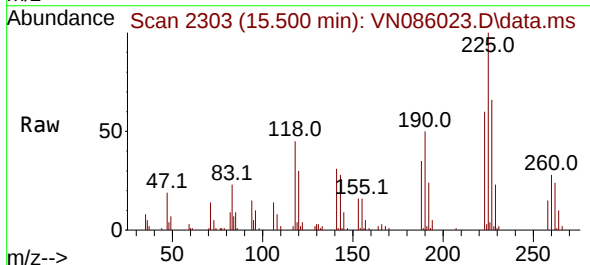
Delta R.T. -0.000 min

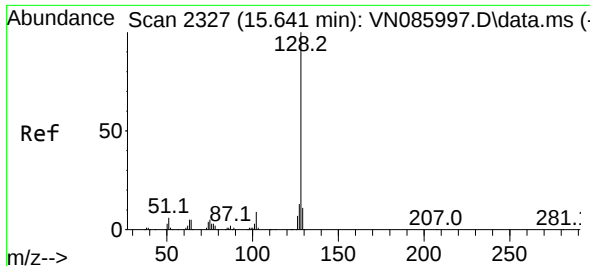
Lab File: VN086023.D

Acq: 19 Mar 2025 20:51

Tgt Ion:225 Resp: 51155

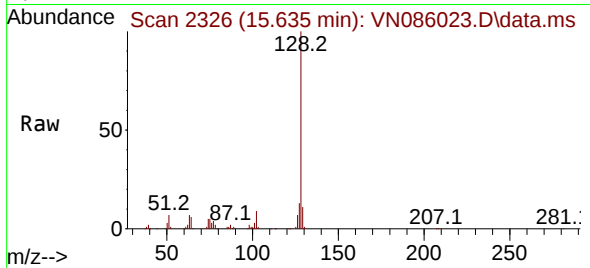
Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.3	93.9
227	63.1	32.1	96.3





#95
Naphthalene
Concen: 40.122 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

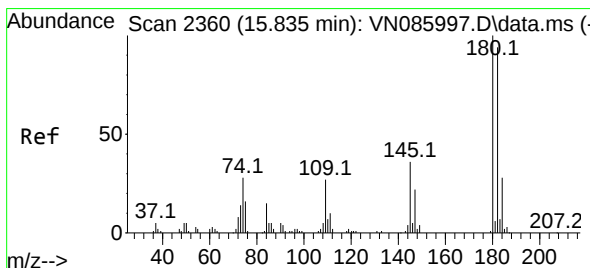
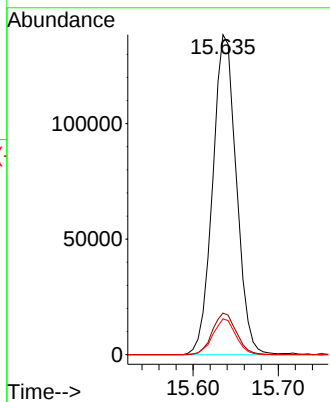
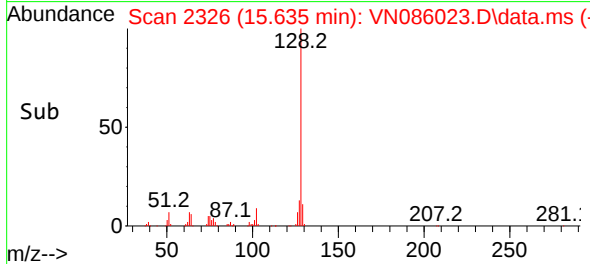
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 267980
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.9 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 43.693 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086023.D
Acq: 19 Mar 2025 20:51

Tgt Ion:180 Resp: 95632
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.5
145 33.4 17.7 53.1

