

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086022.D
 Acq On : 19 Mar 2025 20:27
 Operator : JC\MD
 Sample : Q1594-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GAS-CAM-40615

Quant Time: Mar 20 01:38:44 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

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

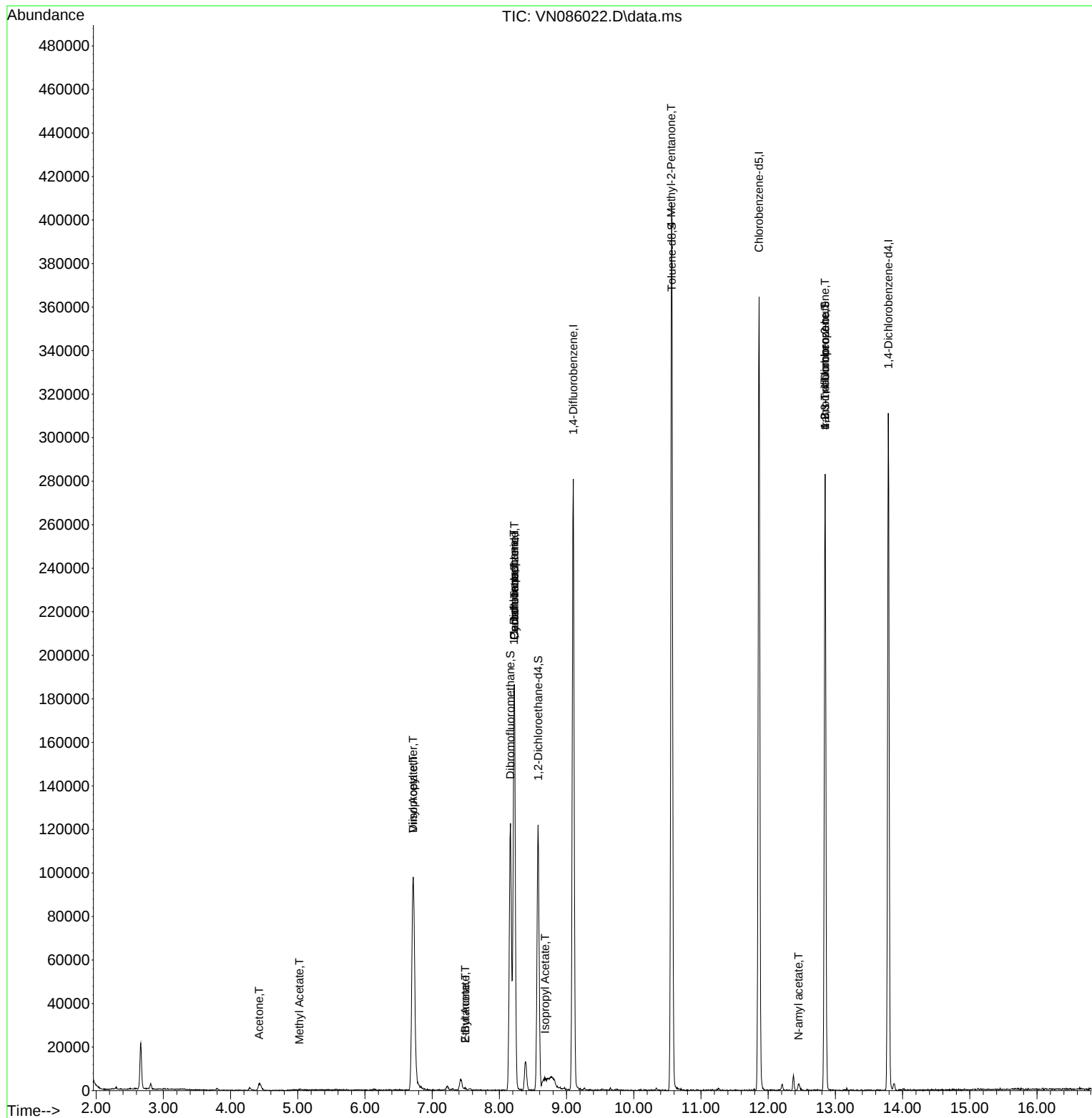
Internal Standards						
1) Pentafluorobenzene	8.224	168	135382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	86721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103457	55.807	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 111.620%		
35) Dibromofluoromethane	8.165	113	86503	51.297	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.600%		
50) Toluene-d8	10.565	98	284983	46.565	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 93.120%		
62) 4-Bromofluorobenzene	12.847	95	99028	45.371	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 90.740%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	6486	11.452	ug/l	93
18) Methyl Acetate	5.024	43	754	0.538	ug/l #	45
22) Diisopropyl ether	6.718	45	6950	1.885	ug/l #	1
23) Vinyl Acetate	6.718	43	17552	6.279	ug/l #	66
25) 2-Butanone	7.494	43	1609	1.969	ug/l	95
31) Cyclohexane	8.224	56	2930	1.268	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	11242	5.063	ug/l #	46
37) Ethyl Acetate	7.494	43	1609	0.859	ug/l #	64
38) Carbon Tetrachloride	8.224	117	14634	5.012	ug/l #	17
43) Isopropyl Acetate	8.682	43	5789	1.426	ug/l #	50
51) 4-Methyl-2-Pentanone	10.559	43	1044	0.583	ug/l #	1
74) N-amyl acetate	12.453	43	2262	1.142	ug/l #	39
76) 1,2,3-Trichloropropane	12.847	75	48515	24.988	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	48515	66.065	ug/l #	16

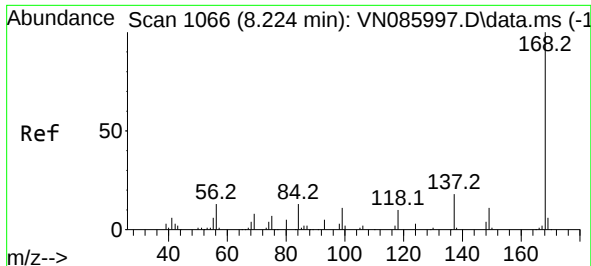
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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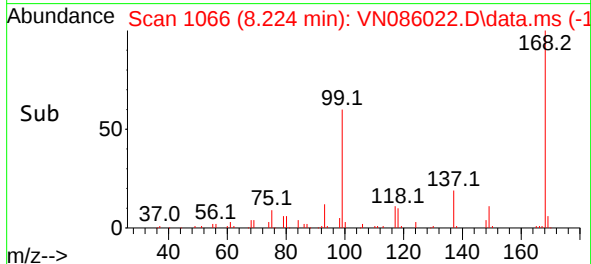
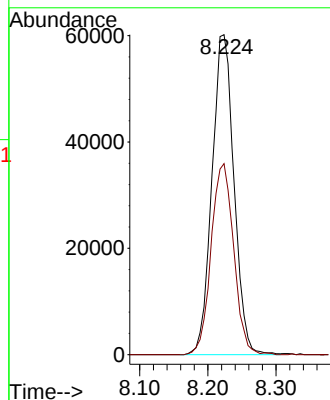
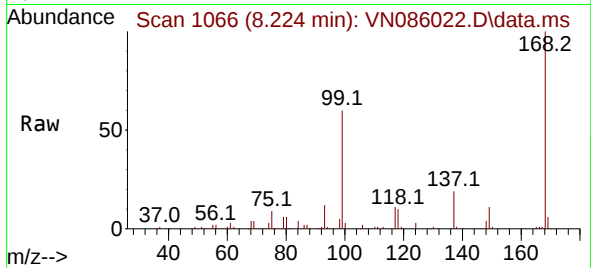




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

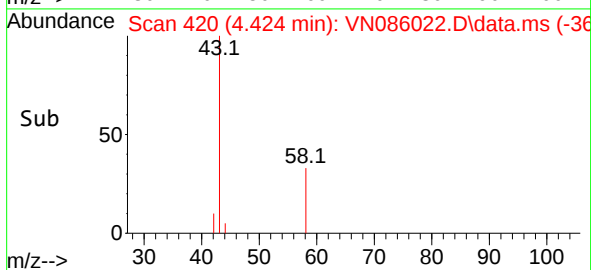
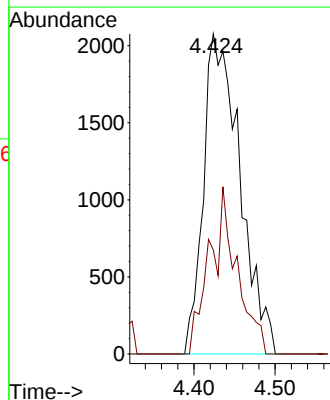
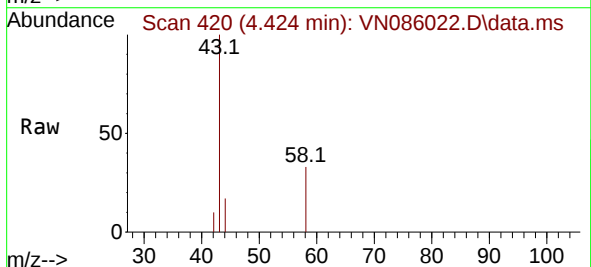
Instrument :
MSVOA_N
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GAS-CAM-40615

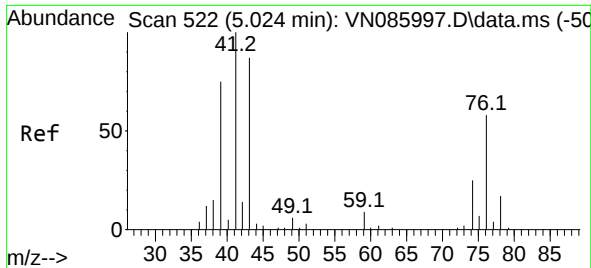
Tgt Ion:168 Resp: 135382
Ion Ratio Lower Upper
168 100
99 59.7 49.4 74.2



#16
Acetone
Concen: 11.452 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

Tgt Ion: 43 Resp: 6486
Ion Ratio Lower Upper
43 100
58 32.5 29.4 44.2

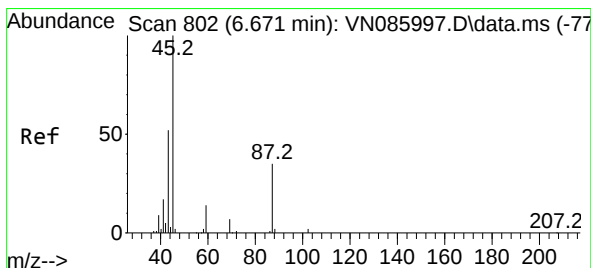
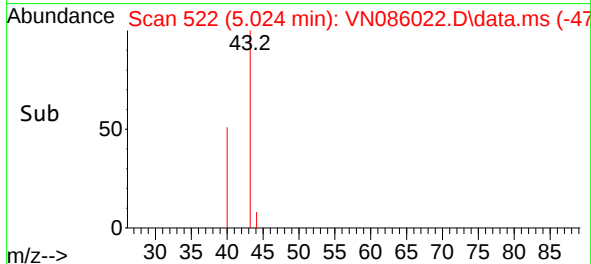
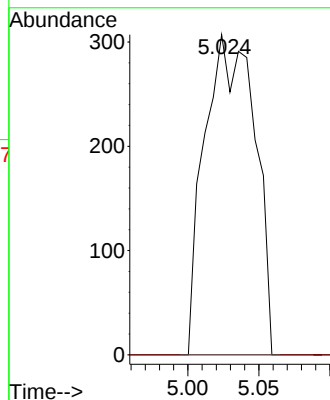
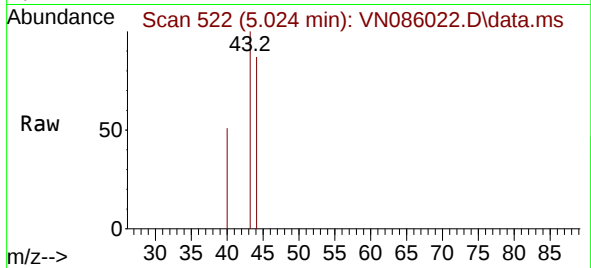




#18
Methyl Acetate
Concen: 0.538 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

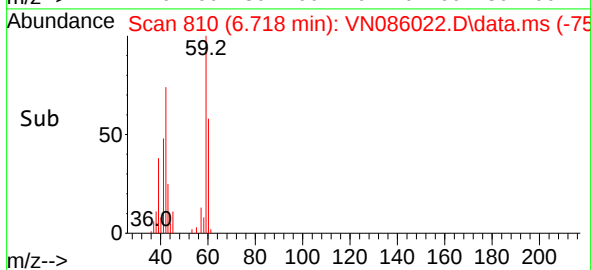
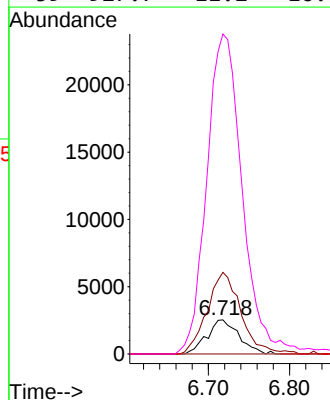
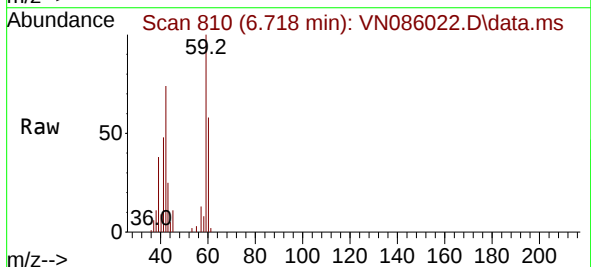
Instrument :
MSVOA_N
ClientSampleId :
GAS-CAM-40615

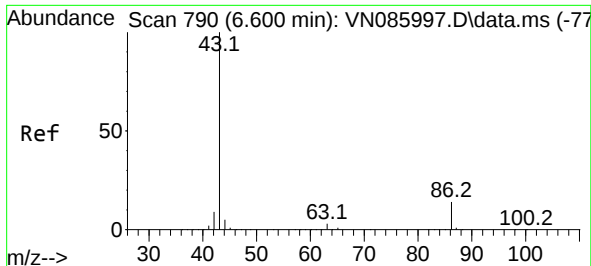
Tgt Ion: 43 Resp: 754
Ion Ratio Lower Upper
43 100
74 0.0 23.9 35.9#



#22
Diisopropyl ether
Concen: 1.885 ug/l
RT: 6.718 min Scan# 810
Delta R.T. 0.047 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

Tgt Ion: 45 Resp: 6950
Ion Ratio Lower Upper
45 100
43 239.3 41.2 61.8#
87 0.0 28.5 42.7#
59 927.7 11.2 16.8#

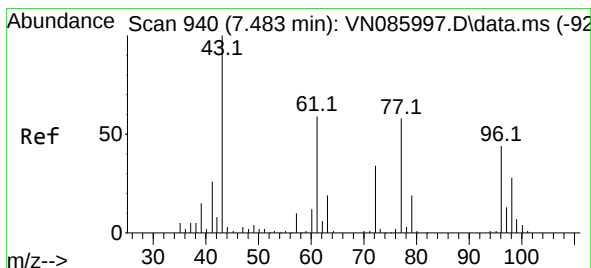
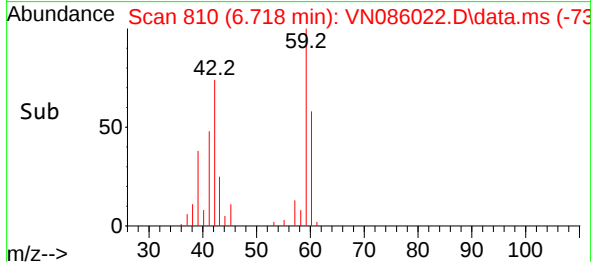
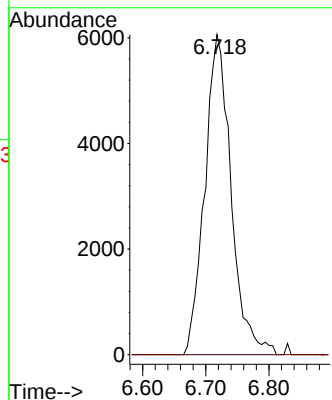
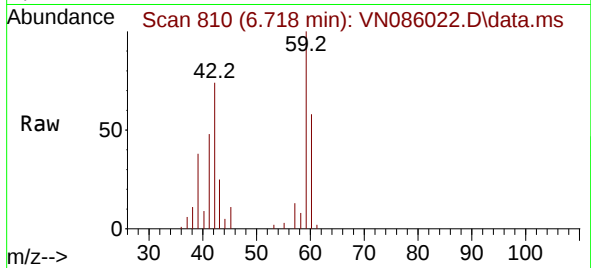




#23
 Vinyl Acetate
 Concen: 6.279 ug/l
 RT: 6.718 min Scan# 810
 Delta R.T. 0.117 min
 Lab File: VN086022.D
 Acq: 19 Mar 2025 20:27

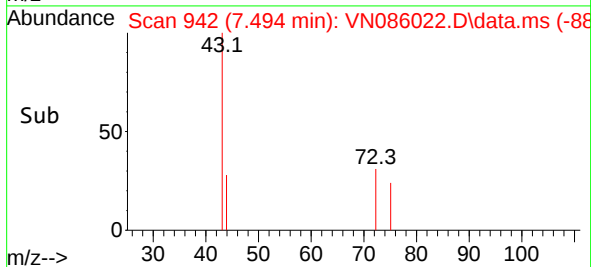
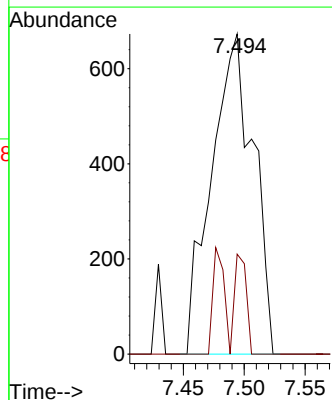
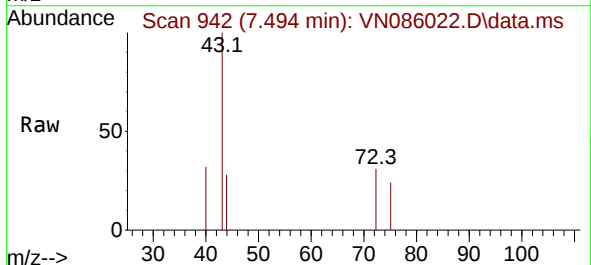
Instrument :
 MSVOA_N
 ClientSampleId :
 GAS-CAM-40615

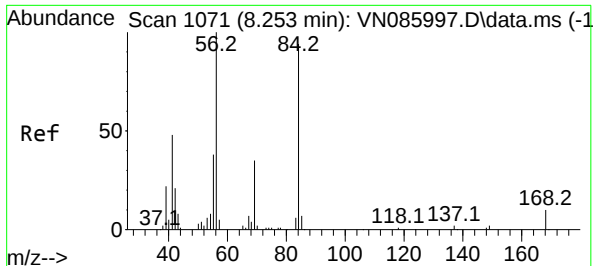
Tgt Ion: 43 Resp: 17552
 Ion Ratio Lower Upper
 43 100
 86 0.0 11.2 16.8#



#25
 2-Butanone
 Concen: 1.969 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.012 min
 Lab File: VN086022.D
 Acq: 19 Mar 2025 20:27

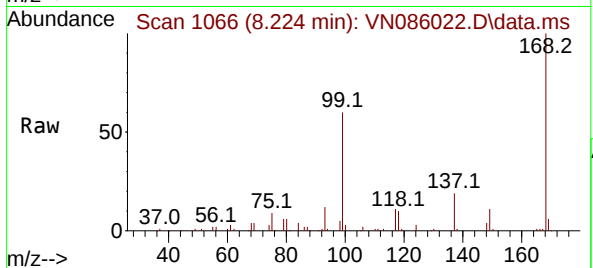
Tgt Ion: 43 Resp: 1609
 Ion Ratio Lower Upper
 43 100
 72 31.2 27.4 41.0



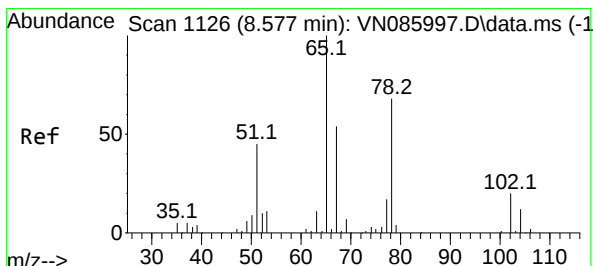
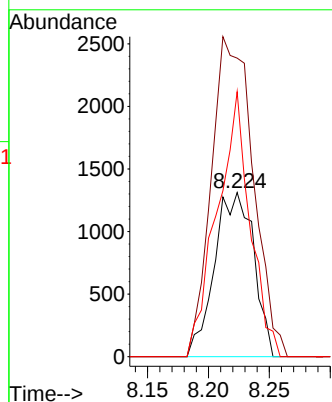
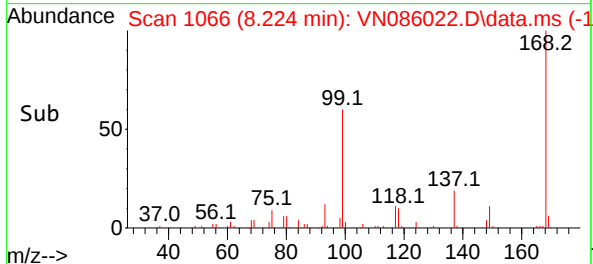


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

Instrument :
MSVOA_N
ClientSampleId :
GAS-CAM-40615

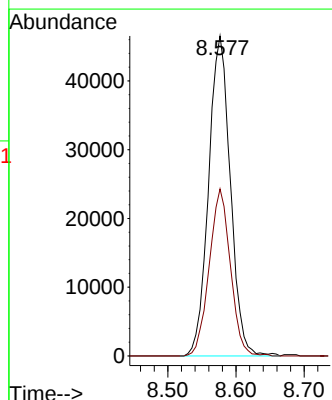
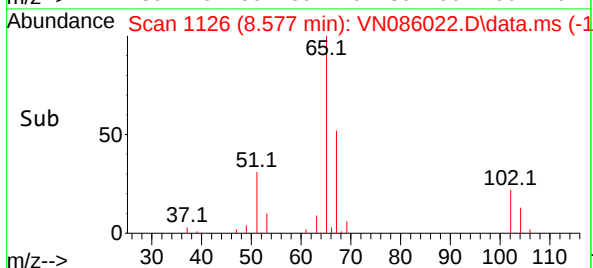
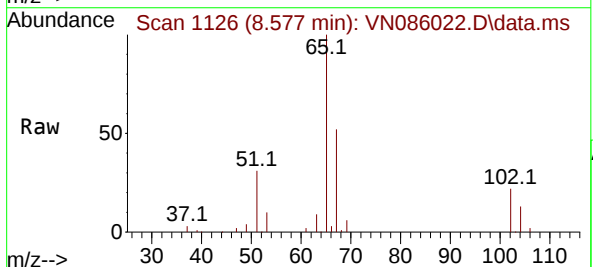


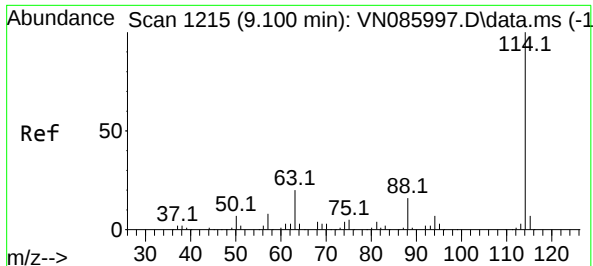
Tgt Ion: 56 Resp: 2930
Ion Ratio Lower Upper
56 100
69 181.9 28.0 42.0#
84 161.4 75.0 112.6#



#33
1,2-Dichloroethane-d4
Concen: 55.807 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

Tgt Ion: 65 Resp: 103457
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.2

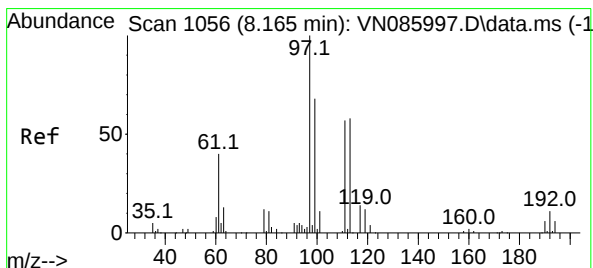
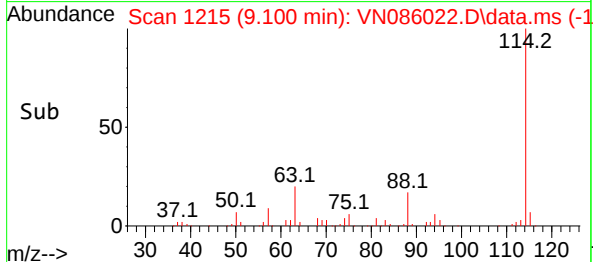
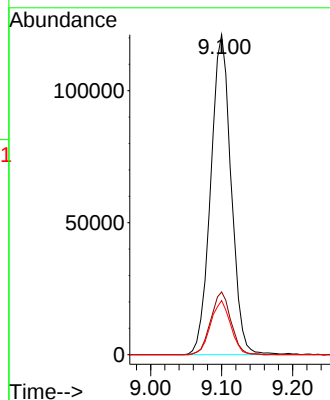
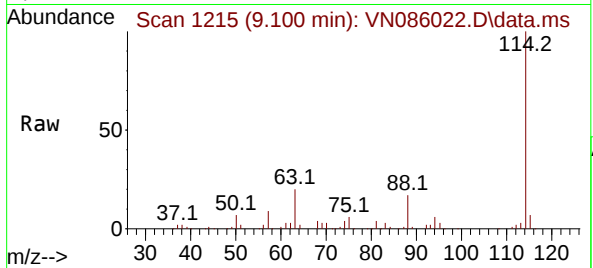




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

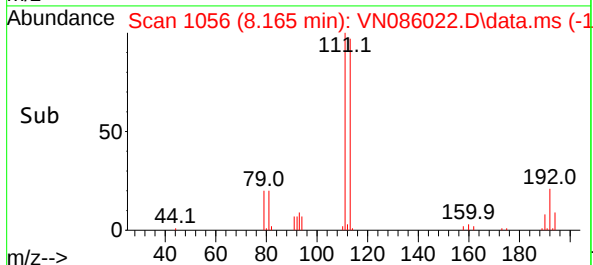
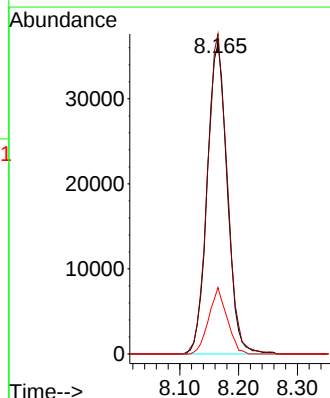
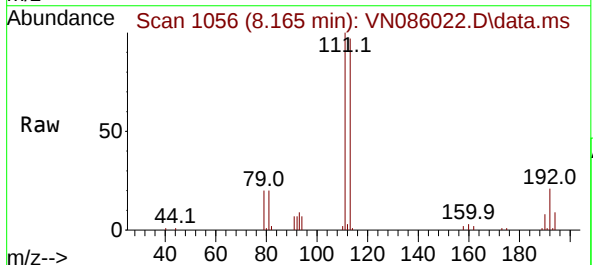
Instrument :
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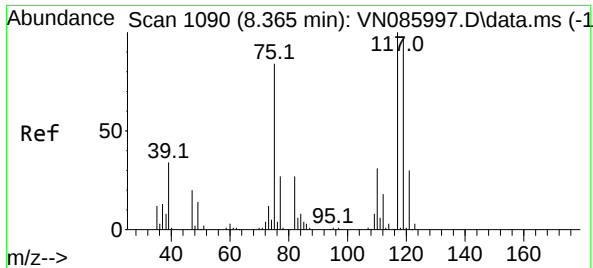
Tgt Ion:114 Resp: 241596
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.6
88 16.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.297 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

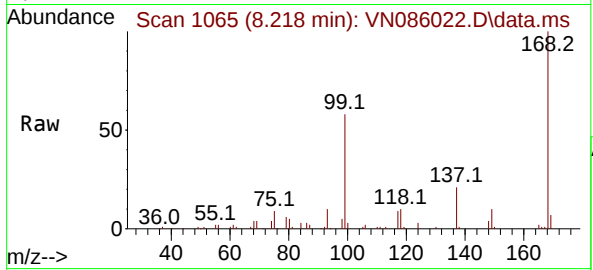
Tgt Ion:113 Resp: 86503
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 19.5 15.9 23.9



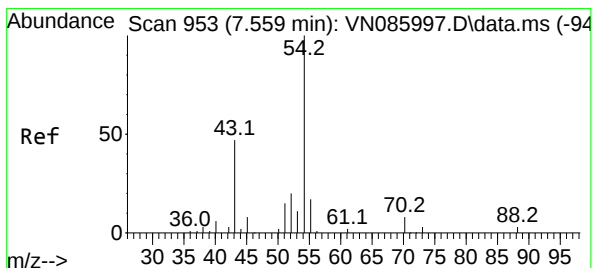
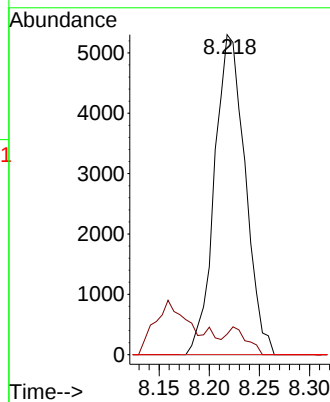
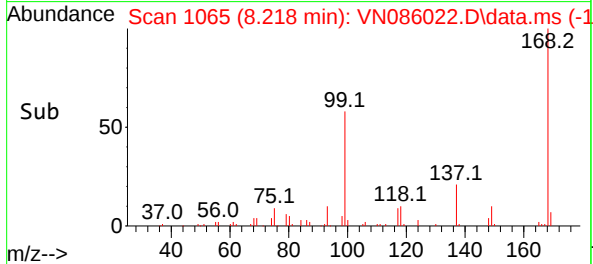


#36
1,1-Dichloropropene
Concen: 5.063 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

Instrument :
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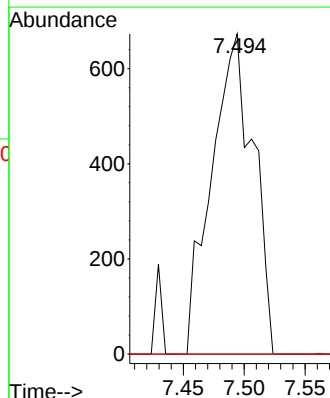
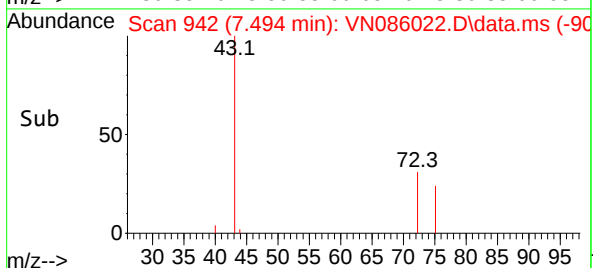
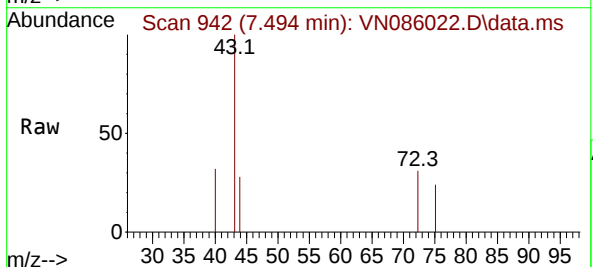


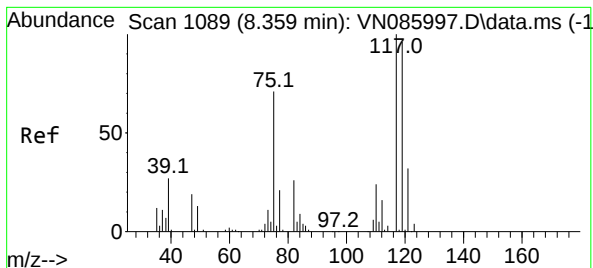
Tgt Ion: 75 Resp: 11242
Ion Ratio Lower Upper
75 100
110 5.7 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.859 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.065 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.0 11.0 16.6#





#38

Carbon Tetrachloride

Concen: 5.012 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.136 min

Lab File: VN086022.D

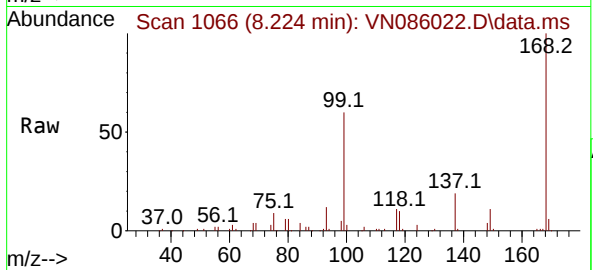
Acq: 19 Mar 2025 20:27

Instrument :

MSVOA_N

ClientSampleId :

GAS-CAM-40615



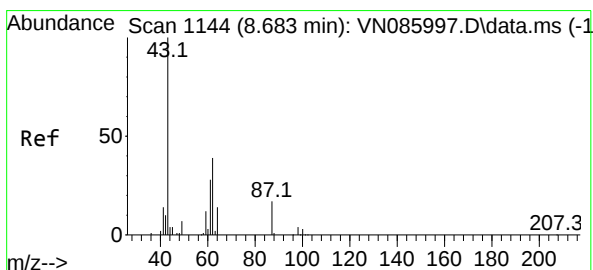
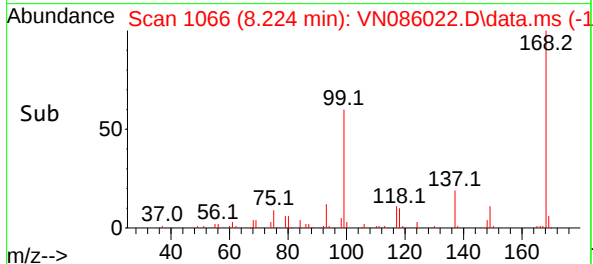
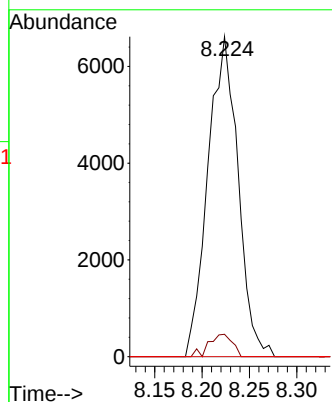
Tgt Ion:117 Resp: 14634

Ion Ratio Lower Upper

117 100

119 7.0 77.0 115.4#

121 0.0 25.6 38.4#



#43

Isopropyl Acetate

Concen: 1.426 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN086022.D

Acq: 19 Mar 2025 20:27

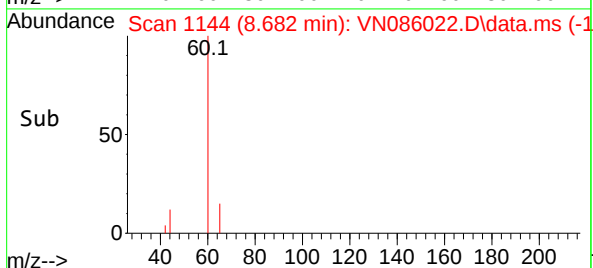
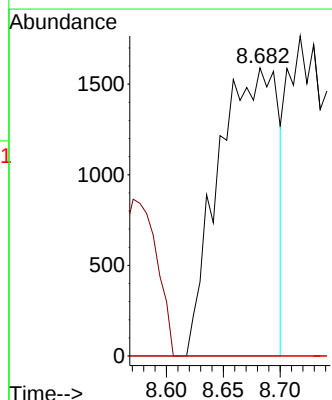
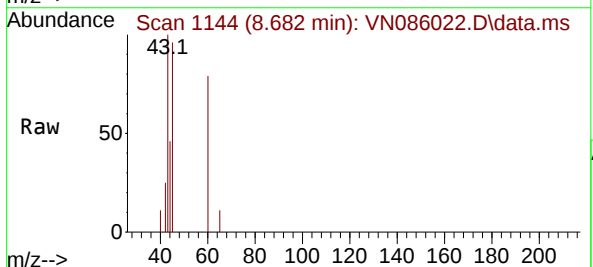
Tgt Ion: 43 Resp: 5789

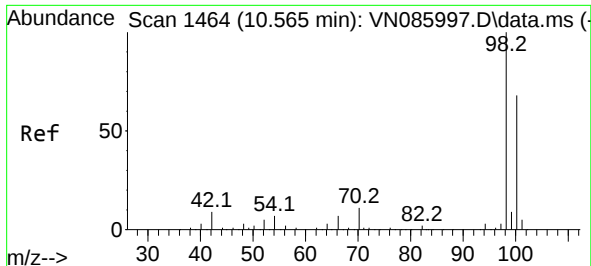
Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

87 0.0 13.0 19.4#

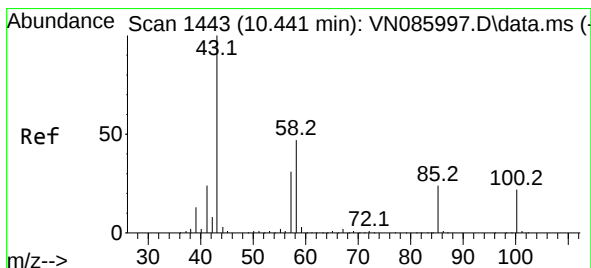
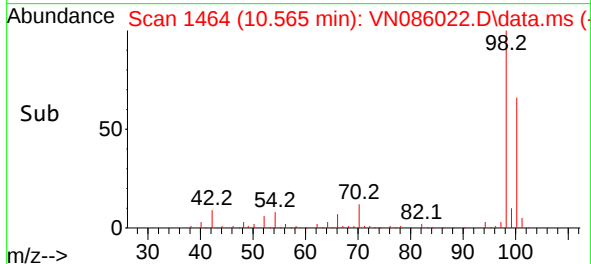
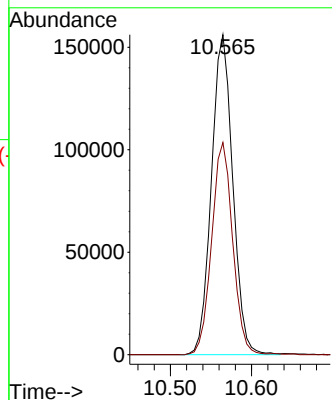
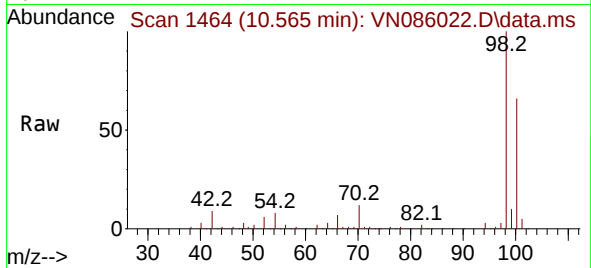




#50
Toluene-d8
Concen: 46.565 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

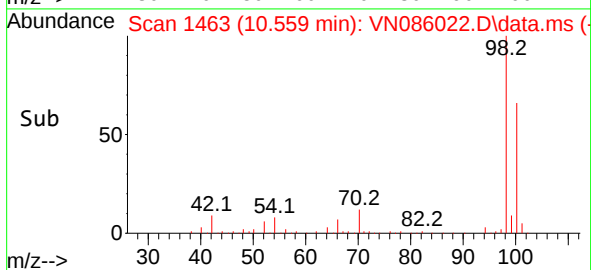
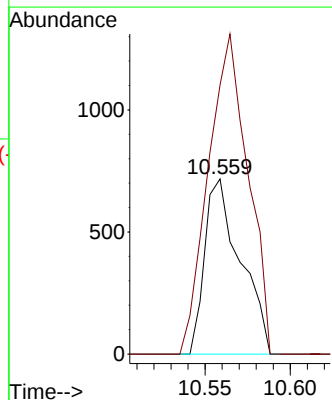
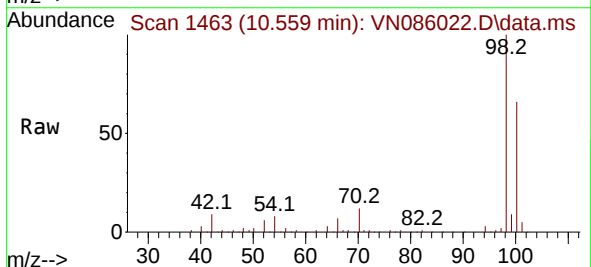
Instrument :
MSVOA_N
ClientSampleId :
GAS-CAM-40615

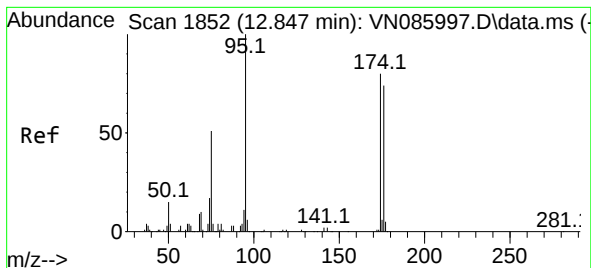
Tgt Ion: 98 Resp: 284983
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.583 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.117 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

Tgt Ion: 43 Resp: 1044
Ion Ratio Lower Upper
43 100
58 203.2 37.4 56.0#

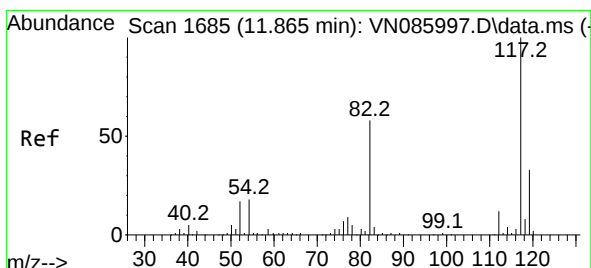
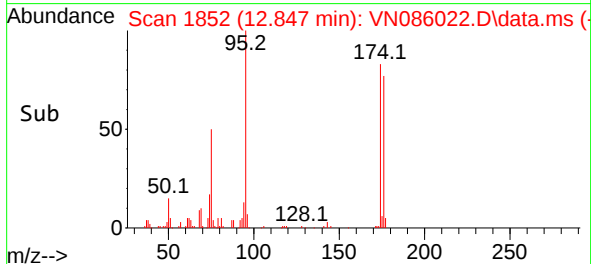
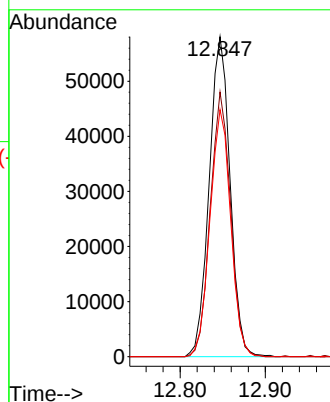
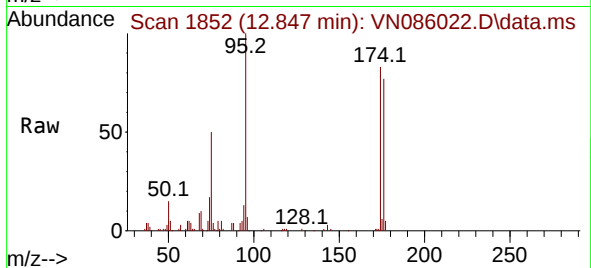




#62
4-Bromofluorobenzene
Concen: 45.371 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

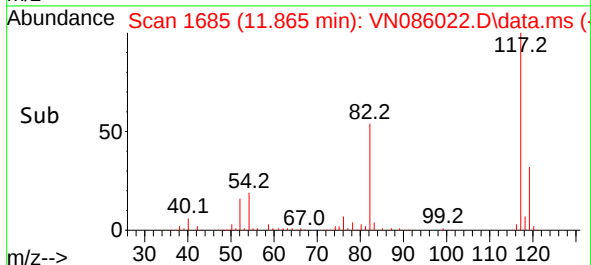
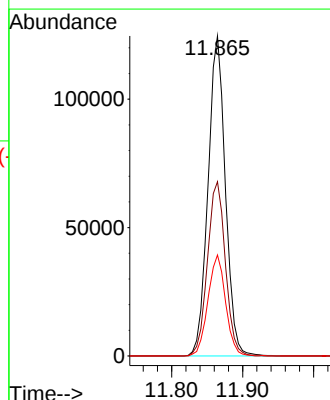
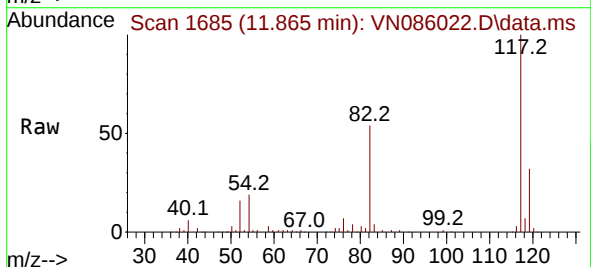
Instrument :
MSVOA_N
ClientSampleId :
GAS-CAM-40615

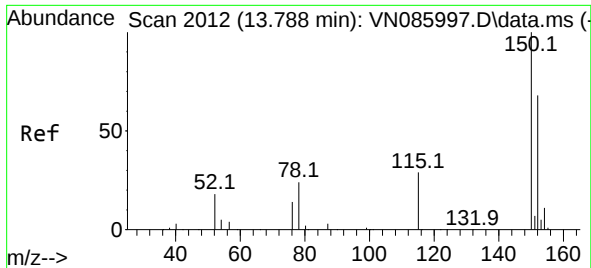
Tgt Ion: 95 Resp: 99028
Ion Ratio Lower Upper
95 100
174 80.5 0.0 156.8
176 76.5 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

Tgt Ion: 117 Resp: 211744
Ion Ratio Lower Upper
117 100
82 54.4 46.7 70.1
119 31.5 26.5 39.7

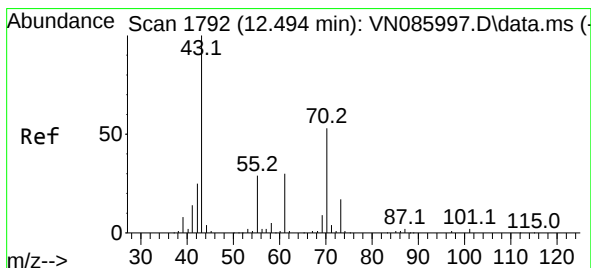
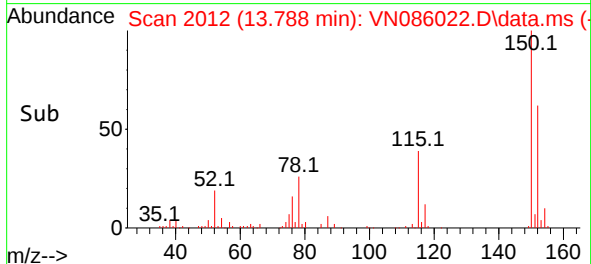
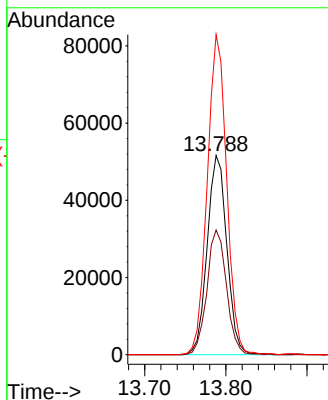
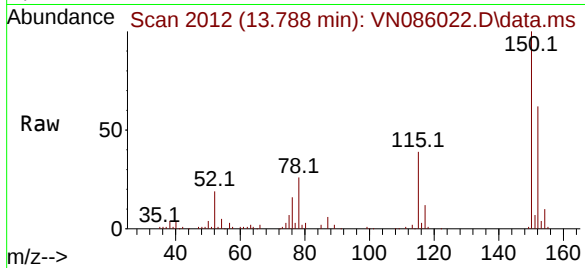




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

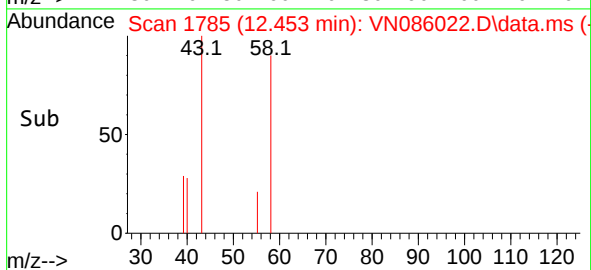
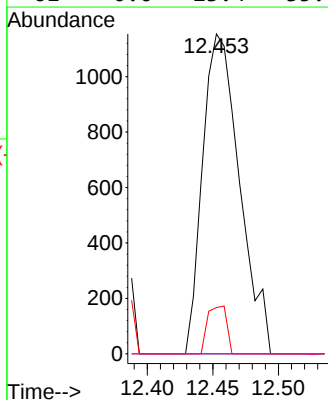
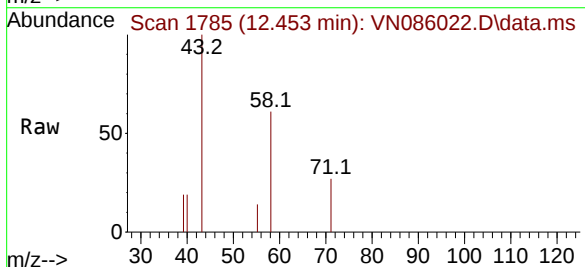
Instrument :
MSVOA_N
ClientSampleId :
GAS-CAM-40615

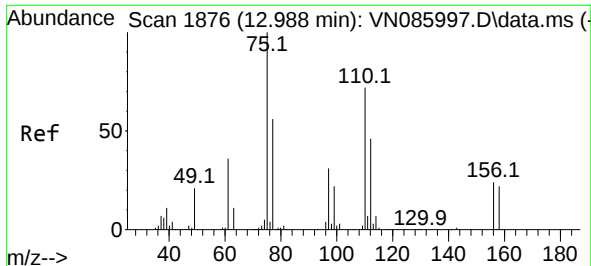
Tgt Ion:152 Resp: 86721
Ion Ratio Lower Upper
152 100
115 62.3 31.1 93.2
150 158.5 0.0 359.6



#74
N-ethyl acetate
Concen: 1.142 ug/l
RT: 12.453 min Scan# 1785
Delta R.T. -0.041 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

Tgt Ion: 43 Resp: 2262
Ion Ratio Lower Upper
43 100
70 0.0 43.0 64.4#
55 7.7 23.8 35.8#
61 0.0 23.4 35.0#

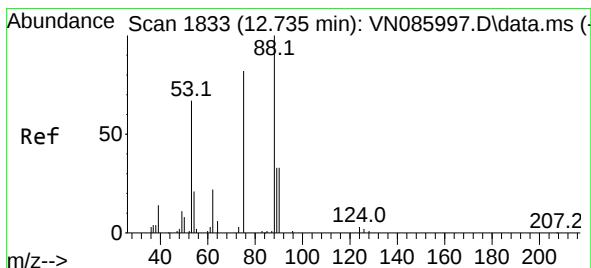
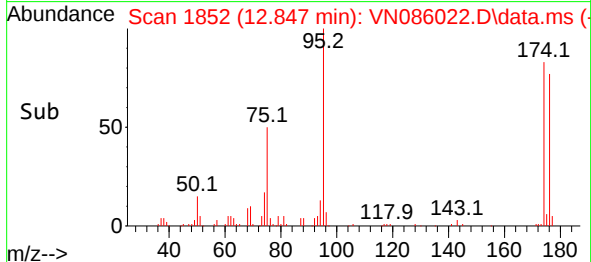
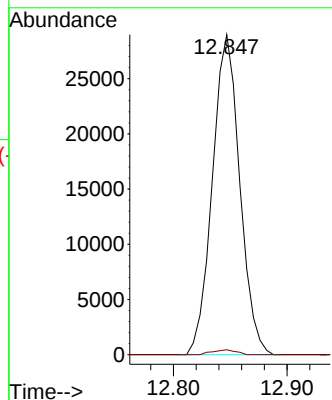
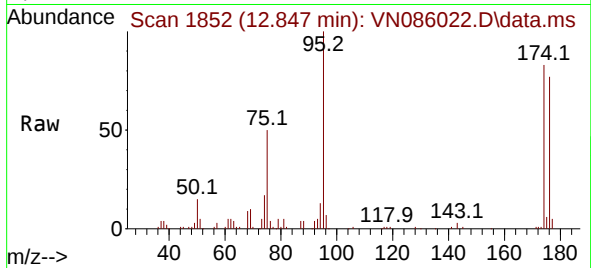




#76
1,2,3-Trichloropropane
Concen: 24.988 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

Instrument :
MSVOA_N
ClientSampleId :
GAS-CAM-40615

Tgt Ion: 75 Resp: 48515
Ion Ratio Lower Upper
75 100
77 1.3 83.7 251.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.065 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

Tgt Ion: 75 Resp: 48515
Ion Ratio Lower Upper
75 100
53 0.0 66.0 99.0#
89 0.0 36.9 55.3#

