

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086295.D
 Acq On : 16 Apr 2025 14:26
 Operator : JC\MD
 Sample : Q1812-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-041525

Quant Time: Apr 17 03:07:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

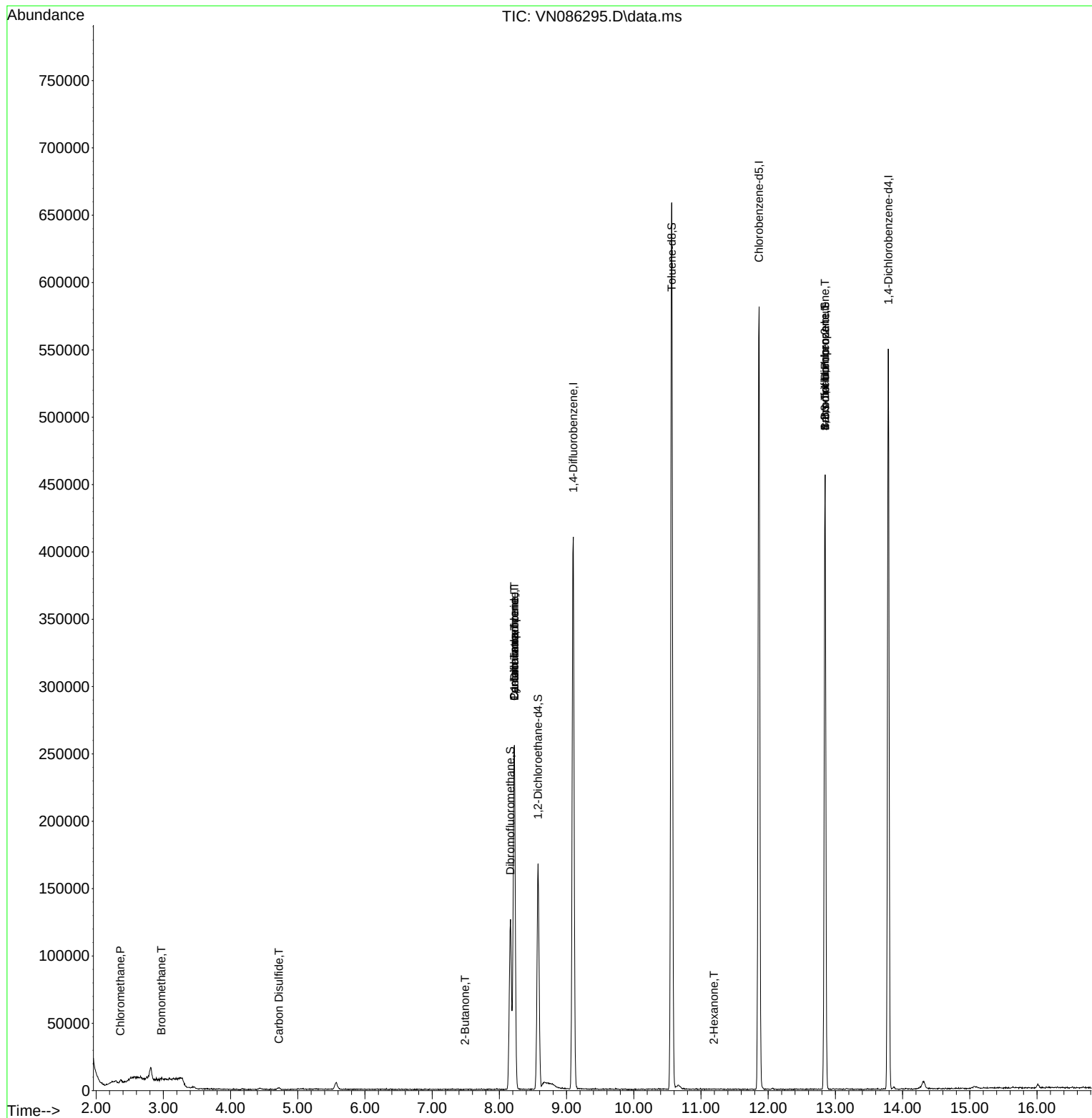
Internal Standards						
1) Pentafluorobenzene	8.224	168	185374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	360844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	336378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134272	49.951	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.900%		
35) Dibromofluoromethane	8.165	113	92292	55.109	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.220%		
50) Toluene-d8	10.565	98	459007	51.283	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.560%		
62) 4-Bromofluorobenzene	12.847	95	167350	51.261	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.520%		
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	1971	0.617	ug/l	92
5) Bromomethane	2.971	94	832	0.607	ug/l	91
13) Acrolein	4.177	56	302	Below Cal	#	6
16) Acetone	4.430	43	2876	Below Cal		96
17) Carbon Disulfide	4.718	76	1412	0.216	ug/l #	74
25) 2-Butanone	7.488	43	374	0.224	ug/l #	48
31) Cyclohexane	8.224	56	4374	1.004	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15922	4.760	ug/l #	50
38) Carbon Tetrachloride	8.224	117	19502	6.122	ug/l #	16
43) Isopropyl Acetate	8.677	43	5323	Below Cal	#	55
59) 2-Hexanone	11.194	43	664	0.248	ug/l #	23
71) Bromoform	12.847	173	791	0.424	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	84085	24.458	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	84085	58.738	ug/l #	10

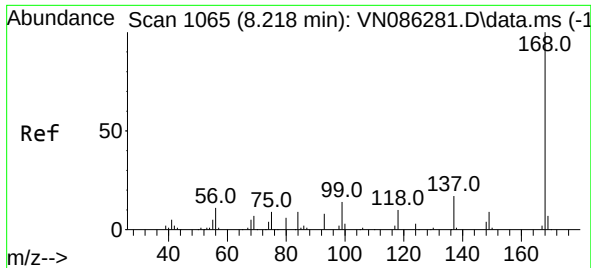
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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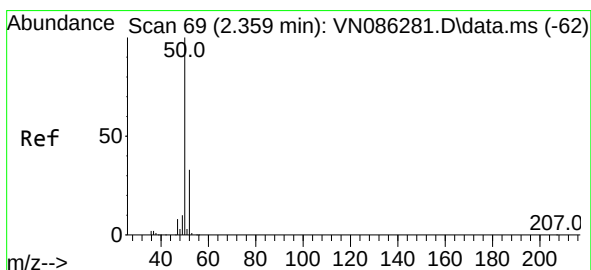
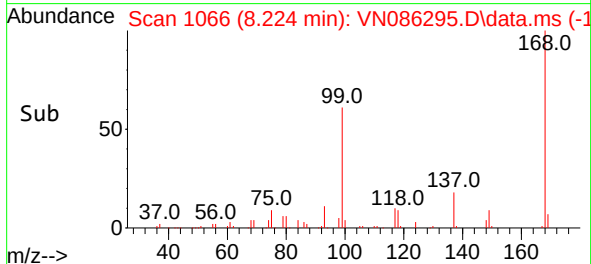
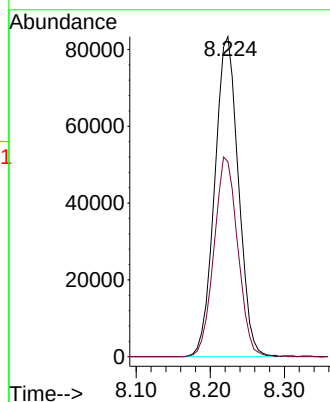
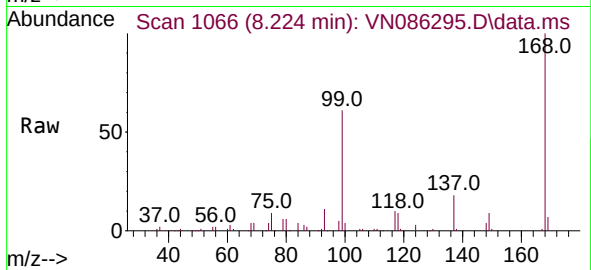




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

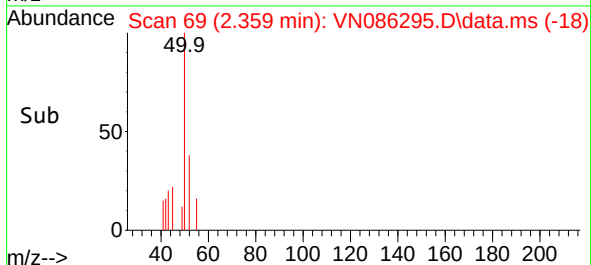
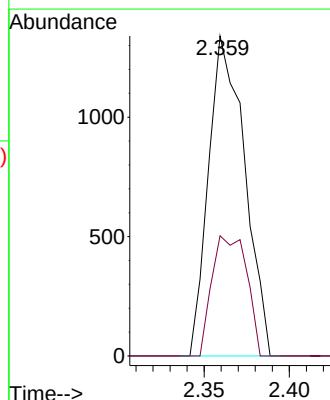
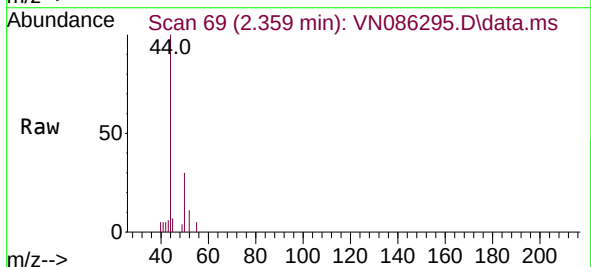
Instrument :
MSVOA_N
ClientSampleId :
TB01-041525

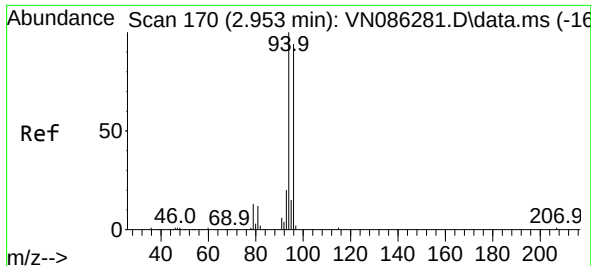
Tgt Ion:168 Resp: 185374
Ion Ratio Lower Upper
168 100
99 60.9 52.5 78.7



#3
Chloromethane
Concen: 0.617 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

Tgt Ion: 50 Resp: 1971
Ion Ratio Lower Upper
50 100
52 37.5 26.5 39.7

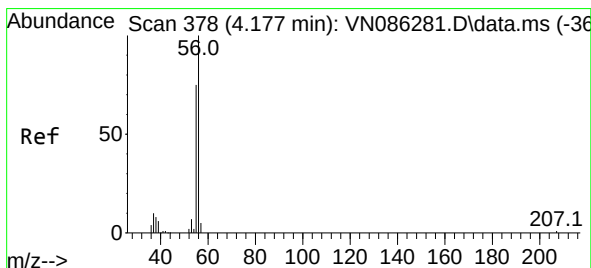
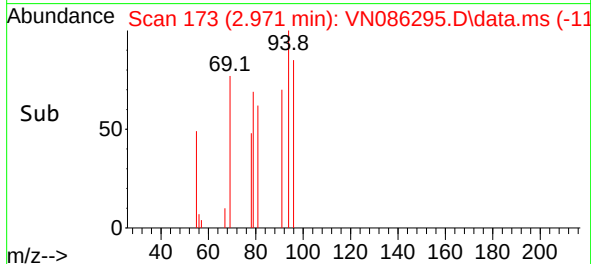
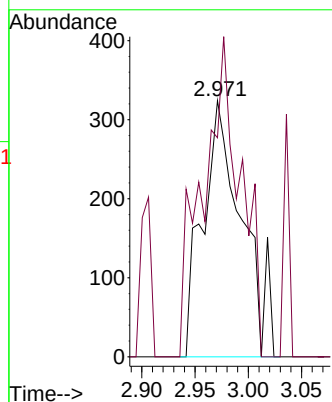
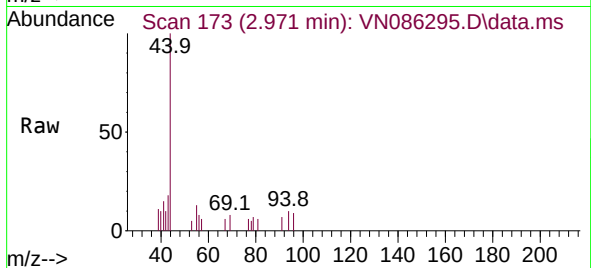




#5
Bromomethane
Concen: 0.607 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

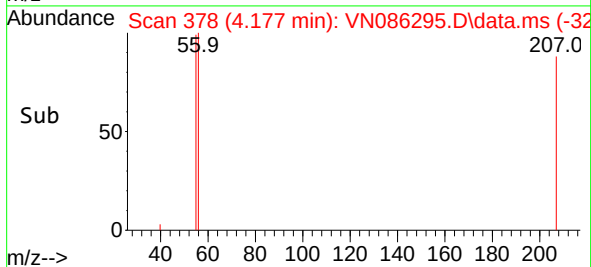
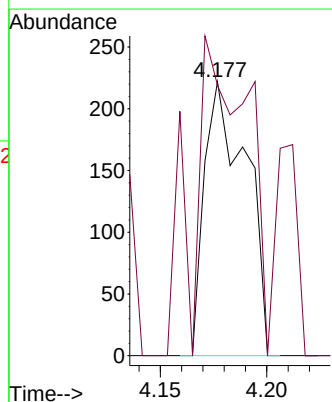
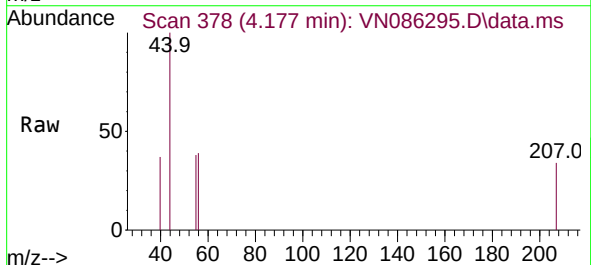
Instrument :
MSVOA_N
ClientSampleId :
TB01-041525

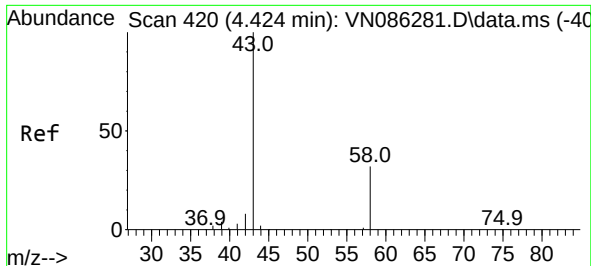
Tgt Ion: 94 Resp: 832
Ion Ratio Lower Upper
94 100
96 85.5 75.2 112.8



#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

Tgt Ion: 56 Resp: 302
Ion Ratio Lower Upper
56 100
55 151.7 58.5 87.7#

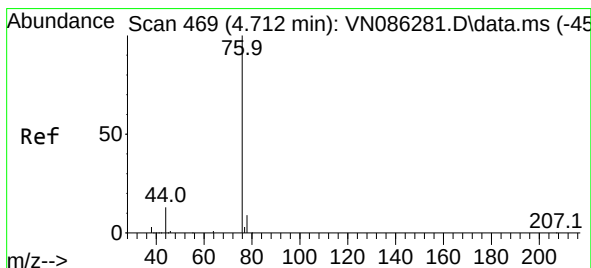
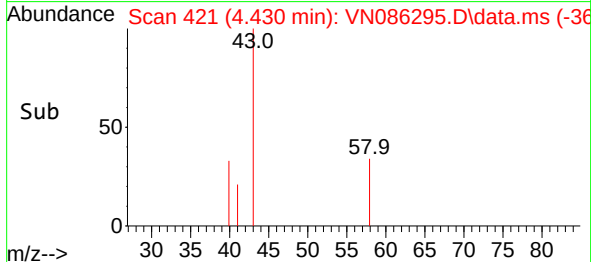
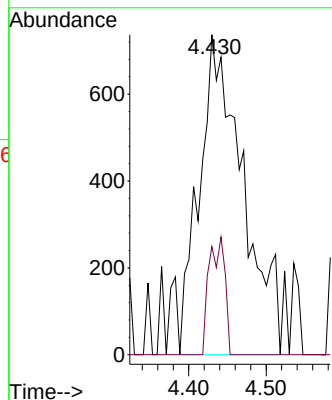
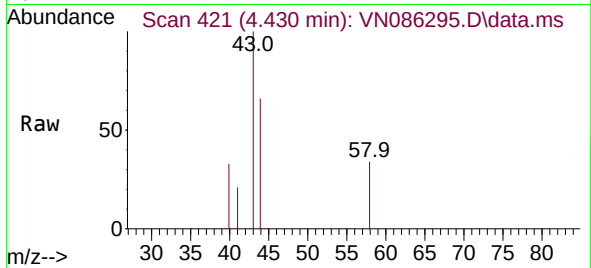




#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

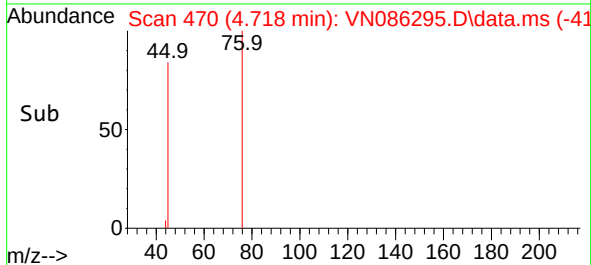
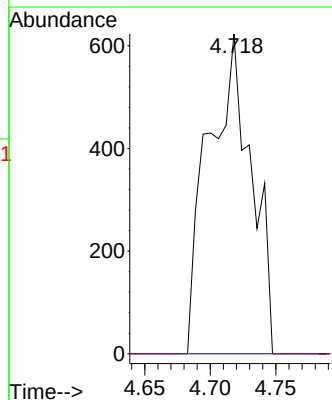
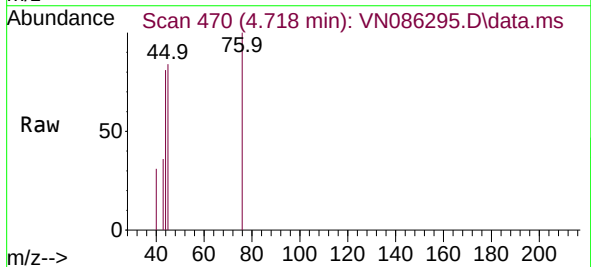
Instrument :
MSVOA_N
ClientSampleId :
TB01-041525

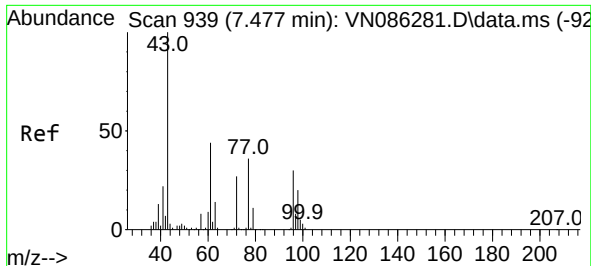
Tgt Ion: 43 Resp: 2876
Ion Ratio Lower Upper
43 100
58 33.8 25.3 37.9



#17
Carbon Disulfide
Concen: 0.216 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

Tgt Ion: 76 Resp: 1412
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#

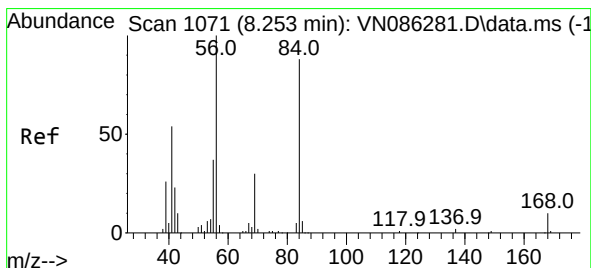
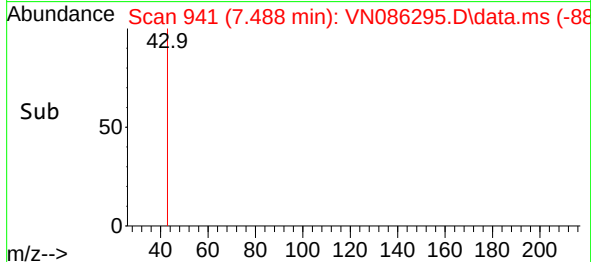
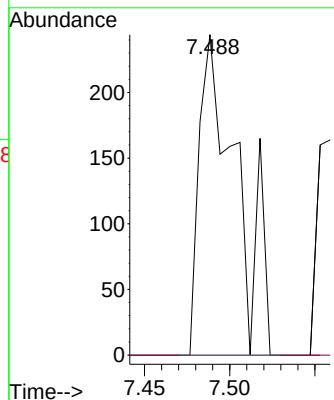
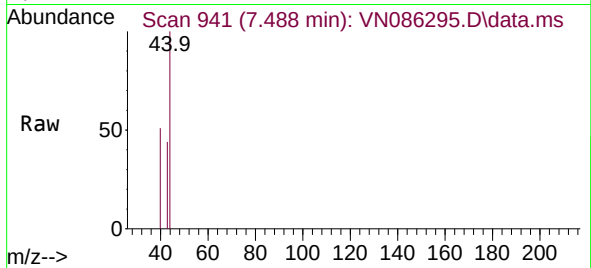




#25
2-Butanone
Concen: 0.224 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

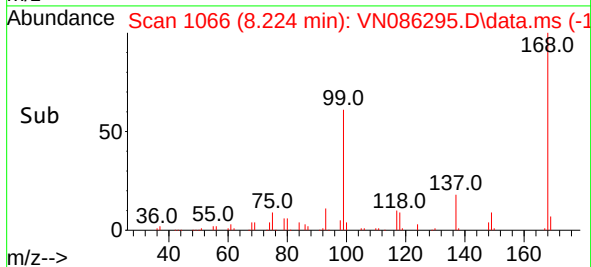
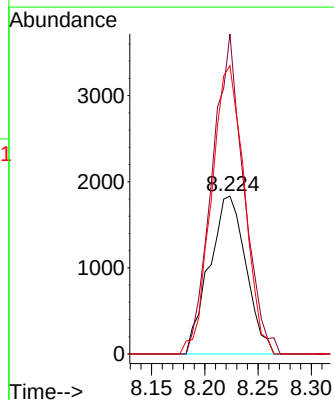
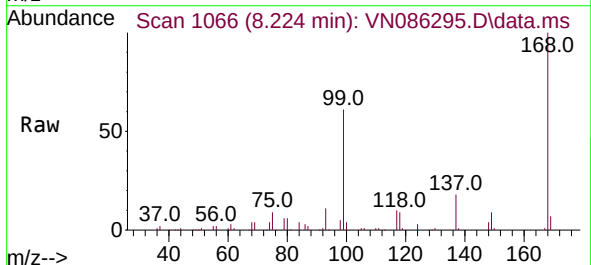
Instrument :
MSVOA_N
ClientSampleId :
TB01-041525

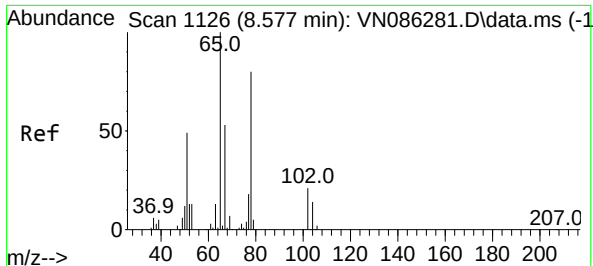
Tgt Ion: 43 Resp: 374
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#31
Cyclohexane
Concen: 1.004 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

Tgt Ion: 56 Resp: 4374
Ion Ratio Lower Upper
56 100
69 202.8 24.2 36.2#
84 182.8 70.3 105.5#





#33

1,2-Dichloroethane-d4

Concen: 49.951 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086295.D

Acq: 16 Apr 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

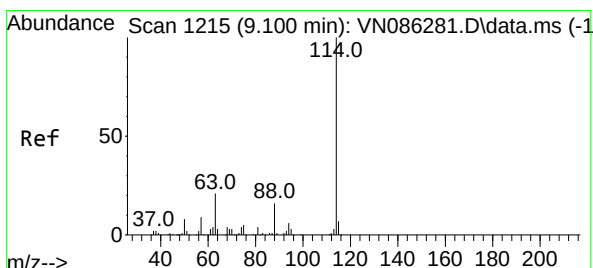
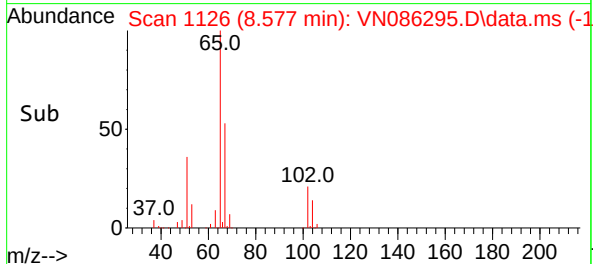
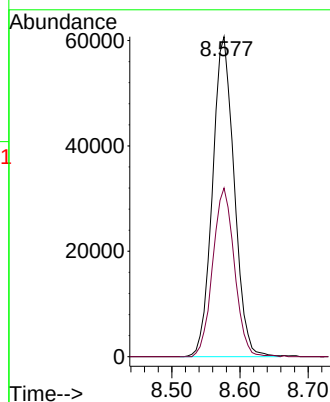
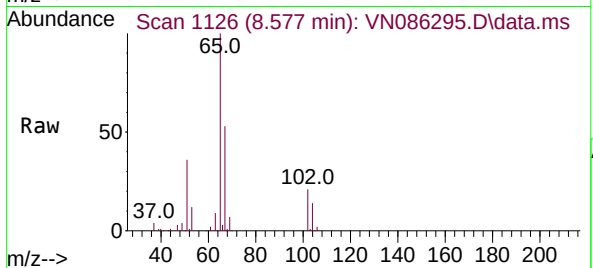
TB01-041525

Tgt Ion: 65 Resp: 134272

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086295.D

Acq: 16 Apr 2025 14:26

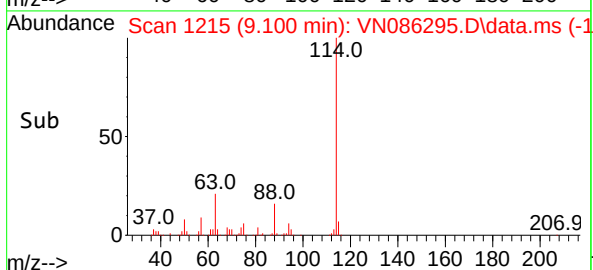
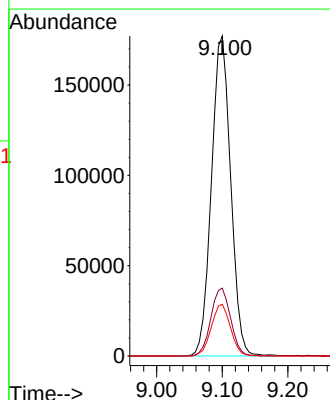
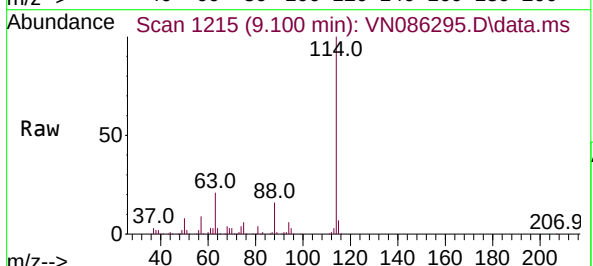
Tgt Ion: 114 Resp: 360844

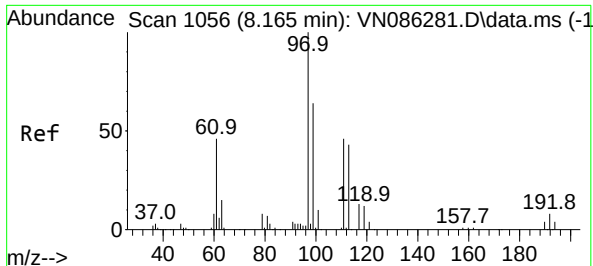
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.1 0.0 31.8

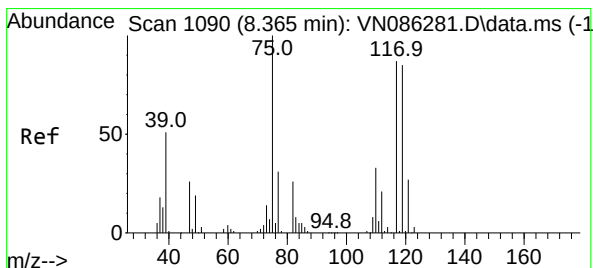
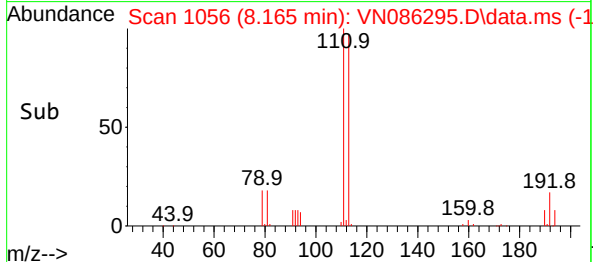
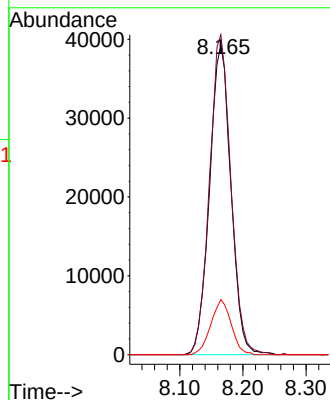
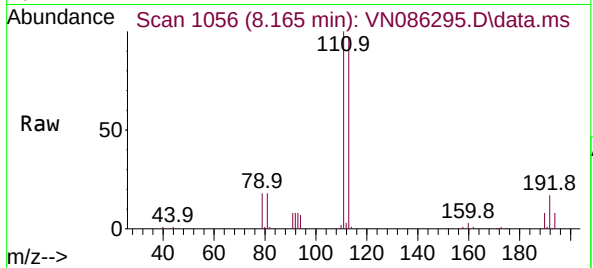




#35
Dibromofluoromethane
Concen: 55.109 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

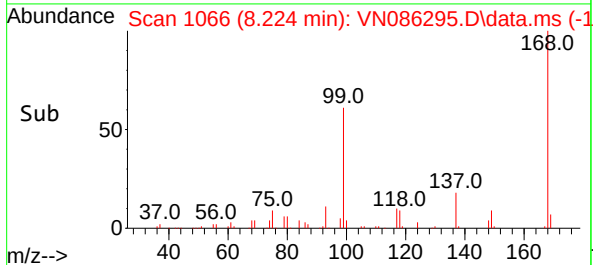
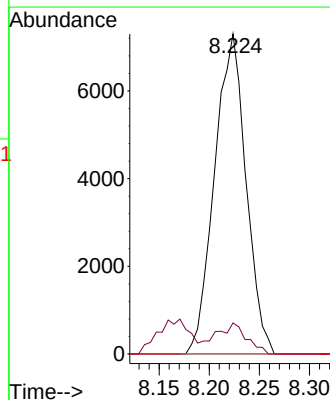
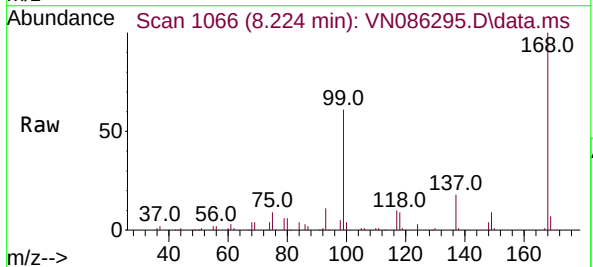
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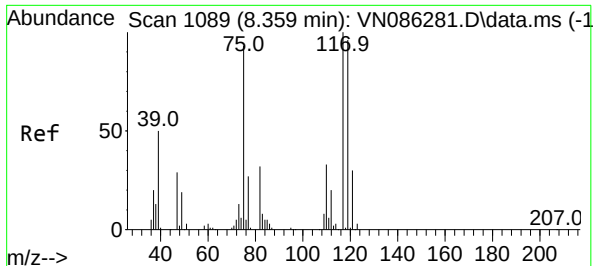
Tgt Ion: 113 Resp: 92292
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.0
192 17.0 13.7 20.5



#36
1,1-Dichloropropene
Concen: 4.760 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

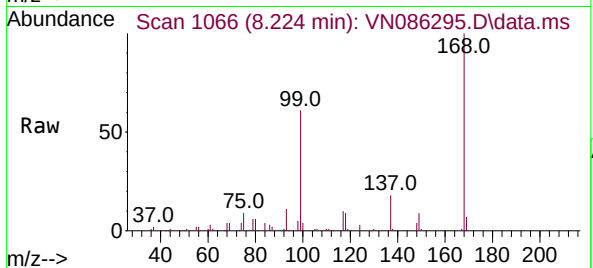
Tgt Ion: 75 Resp: 15922
Ion Ratio Lower Upper
75 100
110 9.1 16.8 50.4#
77 0.0 24.9 37.3#



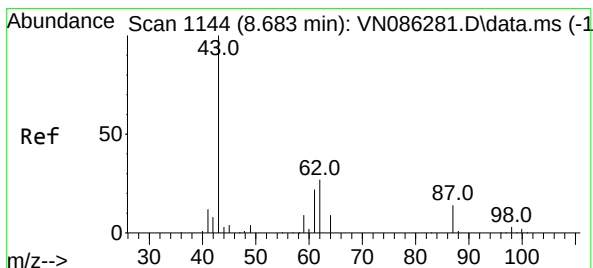
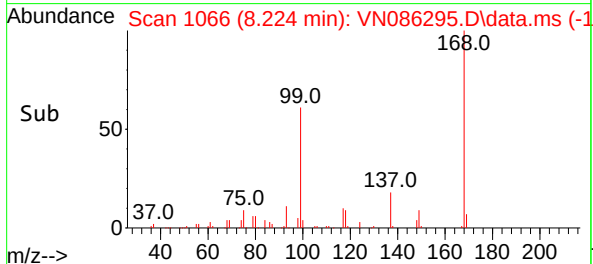
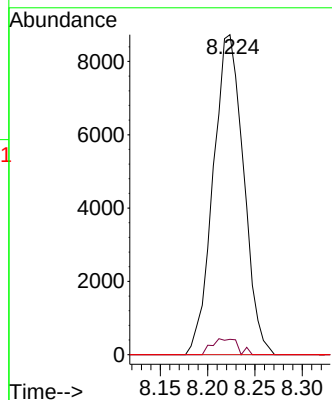


#38
Carbon Tetrachloride
Concen: 6.122 ug/l
RT: 8.224 min Scan# 110
Delta R.T. -0.135 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
TB01-041525

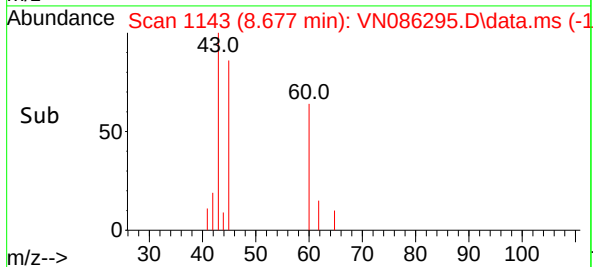
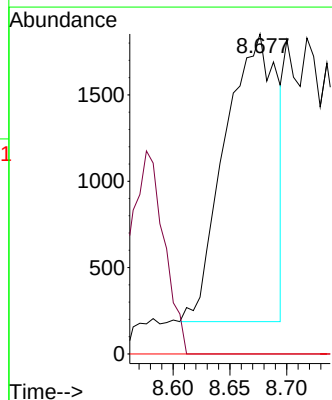
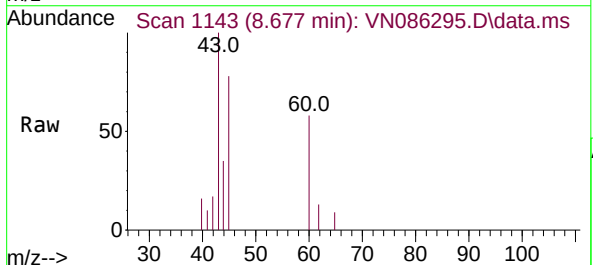


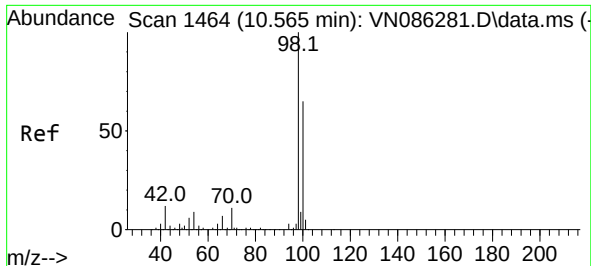
Tgt Ion:117 Resp: 19502
Ion Ratio Lower Upper
117 100
119 4.8 76.8 115.2#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

Tgt Ion: 43 Resp: 5323
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#

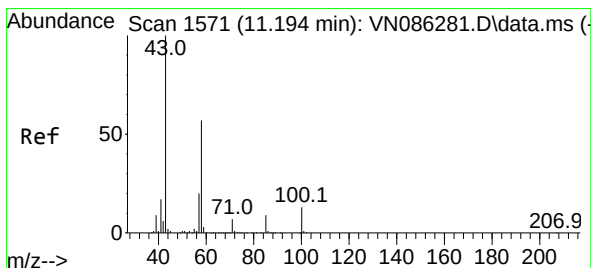
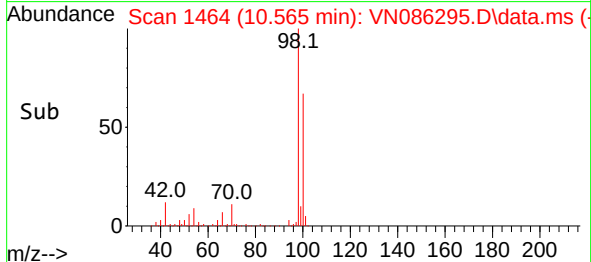
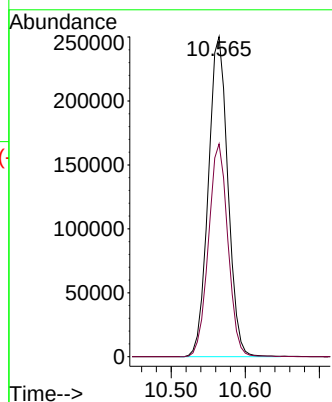
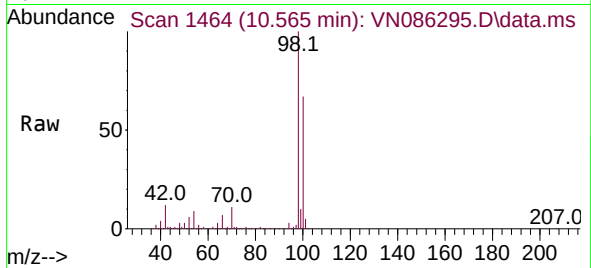




#50
Toluene-d8
Concen: 51.283 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

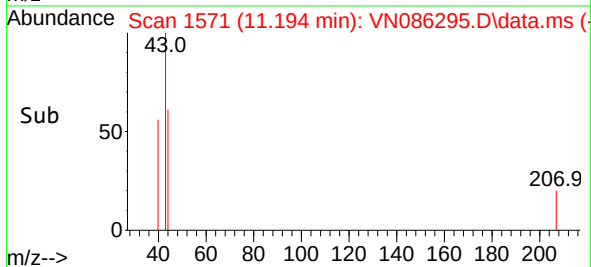
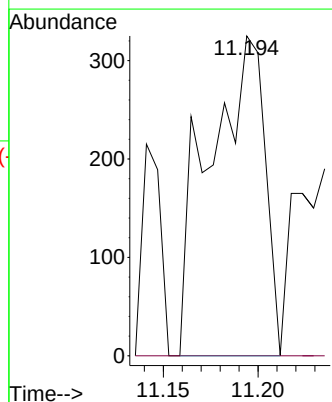
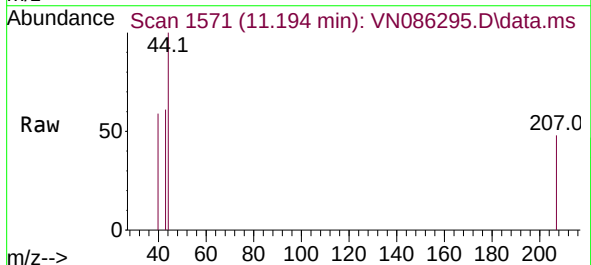
Instrument :
MSVOA_N
ClientSampleId :
TB01-041525

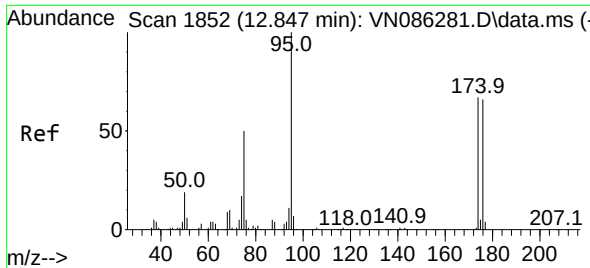
Tgt Ion: 98 Resp: 459007
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#59
2-Hexanone
Concen: 0.248 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
58 0.0 28.3 85.0#

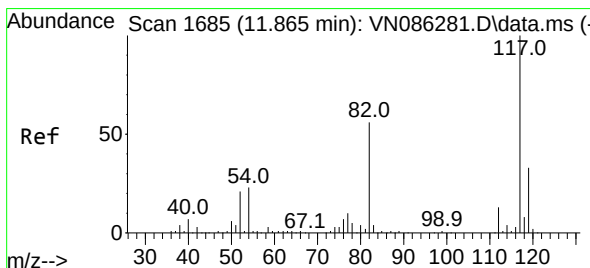
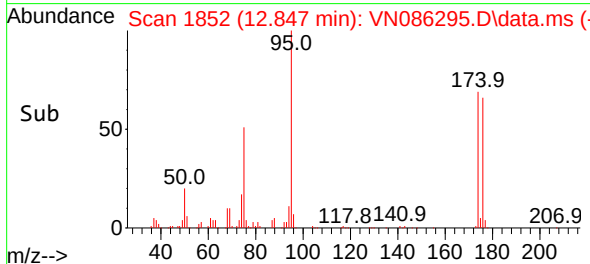
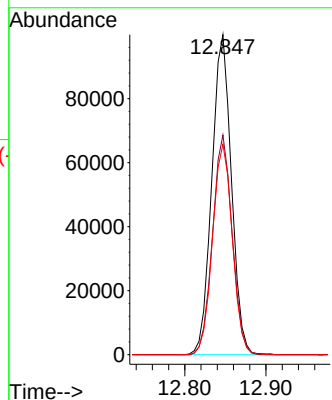
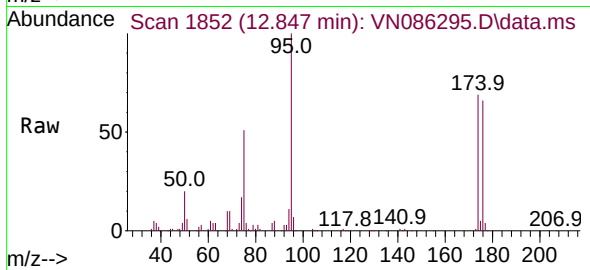




#62
4-Bromofluorobenzene
Concen: 51.261 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

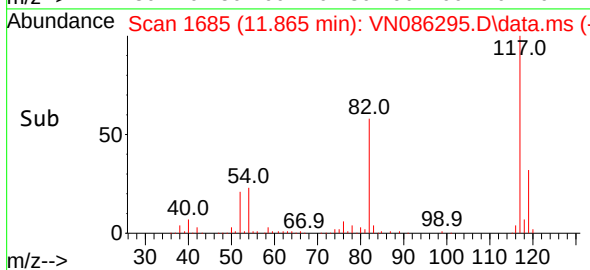
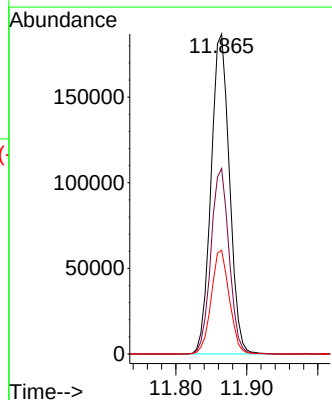
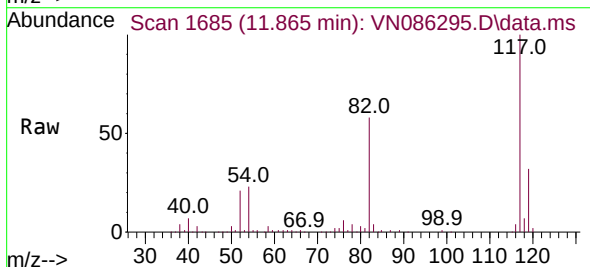
Instrument :
MSVOA_N
ClientSampleId :
TB01-041525

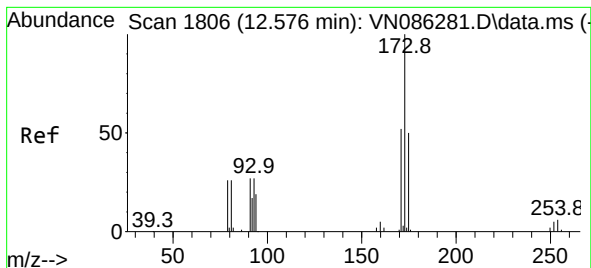
Tgt Ion: 95 Resp: 167350
Ion Ratio Lower Upper
95 100
174 68.7 0.0 133.4
176 66.4 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

Tgt Ion: 117 Resp: 336378
Ion Ratio Lower Upper
117 100
82 57.9 44.7 67.1
119 32.4 26.4 39.6





#71

Bromoform

Concen: 0.424 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.270 min

Lab File: VN086295.D

Acq: 16 Apr 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

TB01-041525

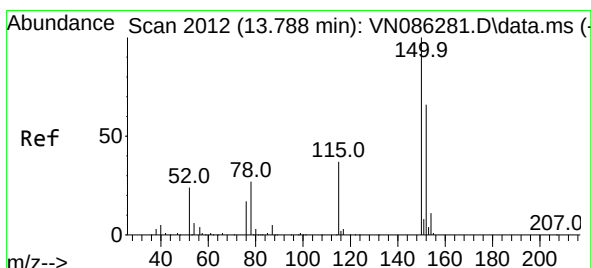
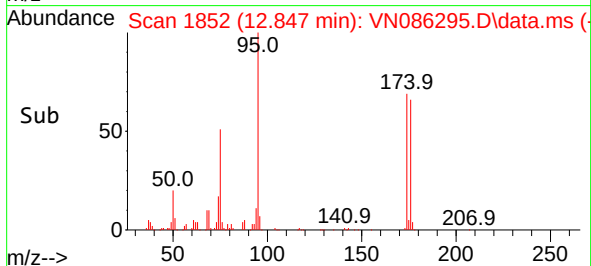
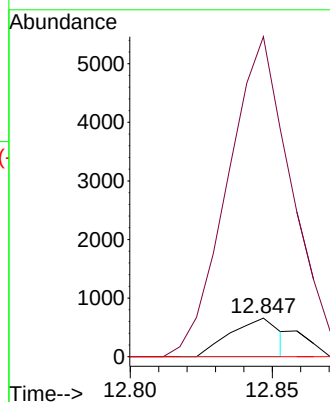
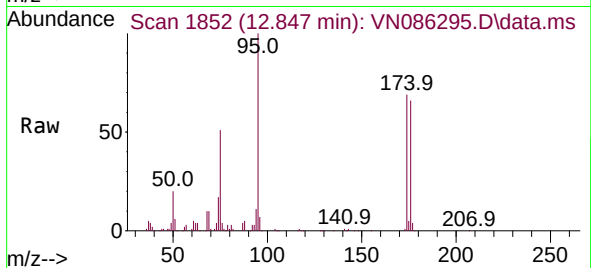
Tgt Ion:173 Resp: 791

Ion Ratio Lower Upper

173 100

175 885.7 24.6 73.6#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN086295.D

Acq: 16 Apr 2025 14:26

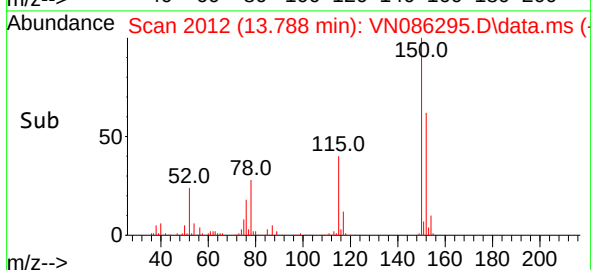
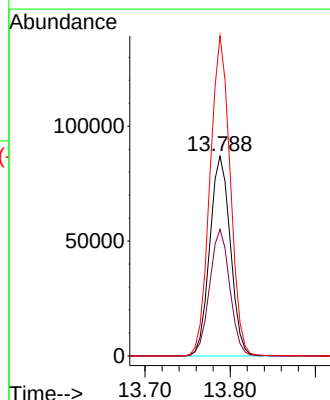
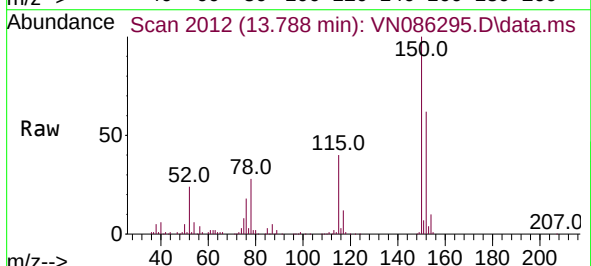
Tgt Ion:152 Resp: 145687

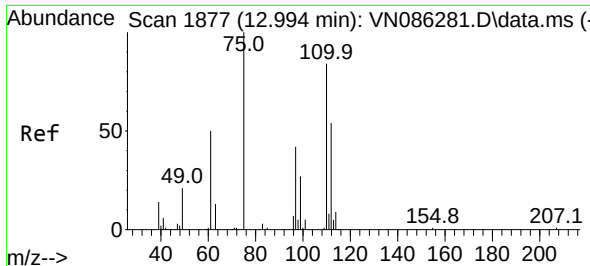
Ion Ratio Lower Upper

152 100

115 62.2 31.9 95.9

150 157.6 0.0 352.0

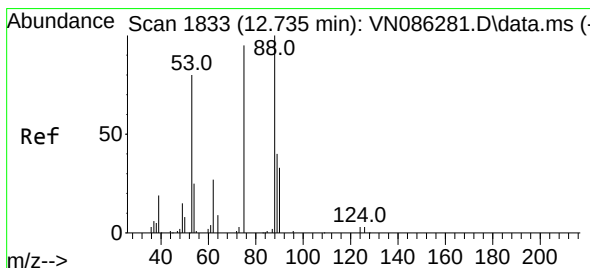
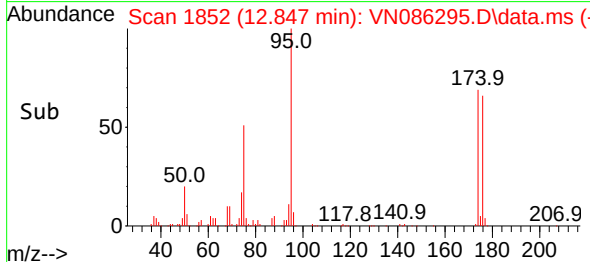
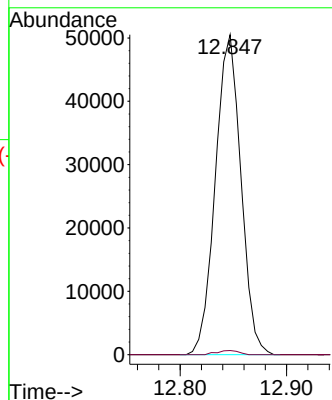
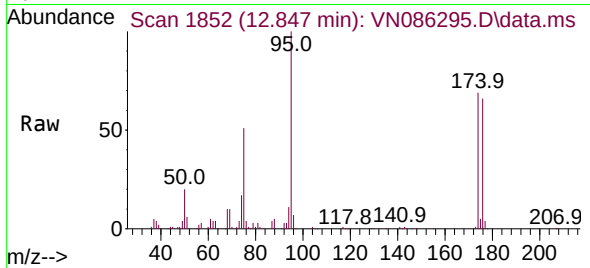




#76
1,2,3-Trichloropropane
Concen: 24.458 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
TB01-041525

Tgt Ion: 75 Resp: 84085
Ion Ratio Lower Upper
75 100
77 1.1 98.8 296.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.738 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086295.D
Acq: 16 Apr 2025 14:26

Tgt Ion: 75 Resp: 84085
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.0 35.7 53.5#

