

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086298.D
 Acq On : 16 Apr 2025 15:39
 Operator : JC\MD
 Sample : Q1793-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Apr 17 03:07:39 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)

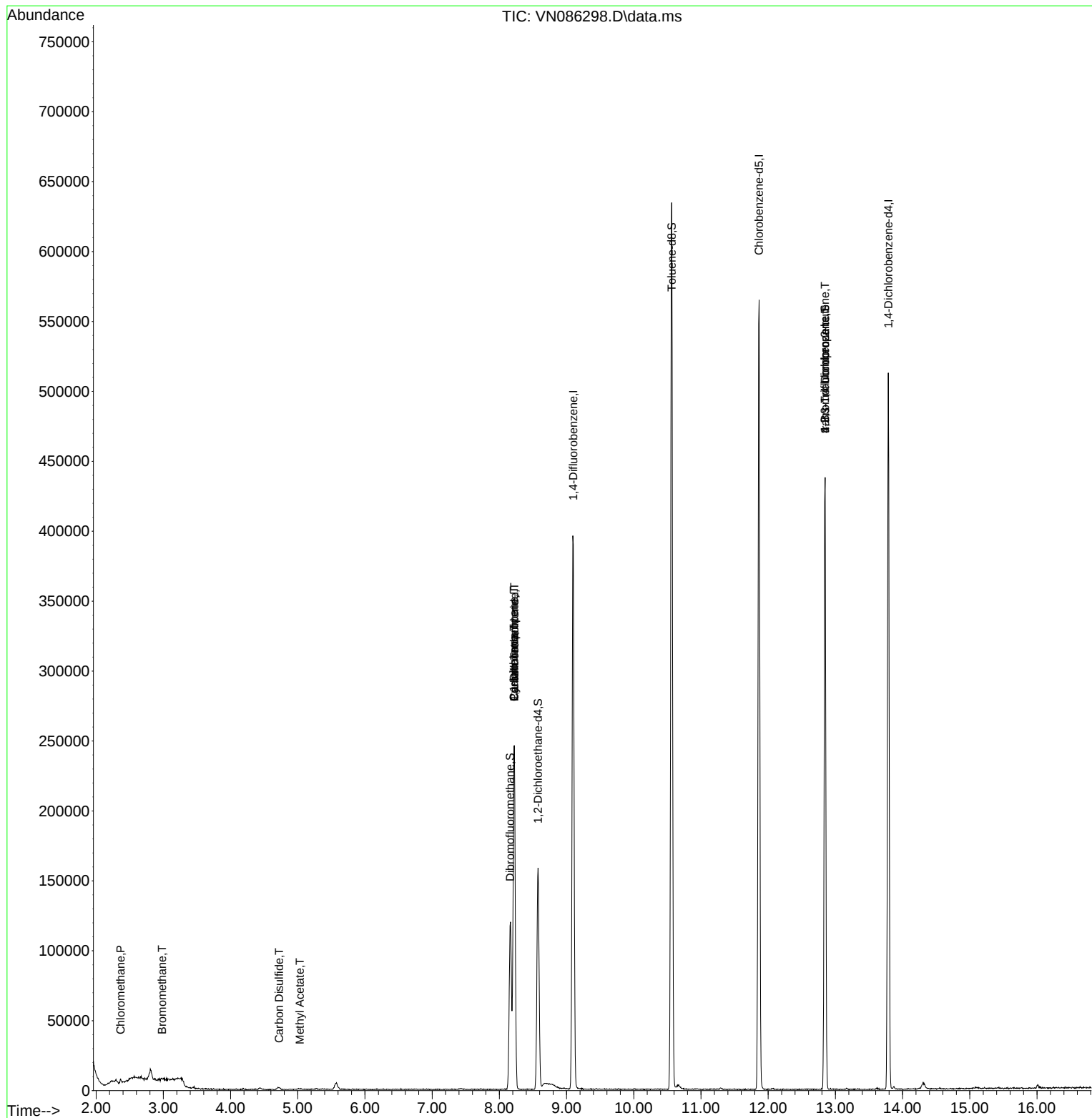
Internal Standards						
1) Pentafluorobenzene	8.224	168	182220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	350929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132537	50.159	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.320%			
35) Dibromofluoromethane	8.159	113	90252	55.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.820%			
50) Toluene-d8	10.565	98	448640	51.541	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.080%			
62) 4-Bromofluorobenzene	12.847	95	161726	50.938	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.880%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1901	0.606	ug/l	99
5) Bromomethane	2.983	94	509	0.378	ug/l	92
13) Acrolein	4.171	56	64	Below Cal	#	51
16) Acetone	4.441	43	2932	Below Cal	#	88
17) Carbon Disulfide	4.724	76	1350	0.210	ug/l #	74
18) Methyl Acetate	5.030	43	829	0.261	ug/l #	51
31) Cyclohexane	8.218	56	4345	1.015	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	15700	4.826	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18567	5.993	ug/l #	16
43) Isopropyl Acetate	8.671	43	4023	Below Cal	#	55
76) 1,2,3-Trichloropropane	12.847	75	81504	25.294	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81504	60.747	ug/l #	10

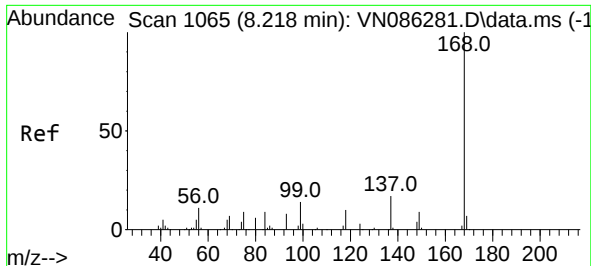
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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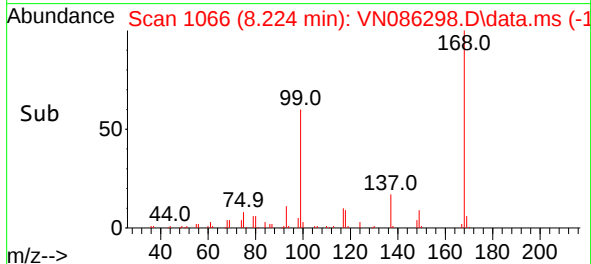
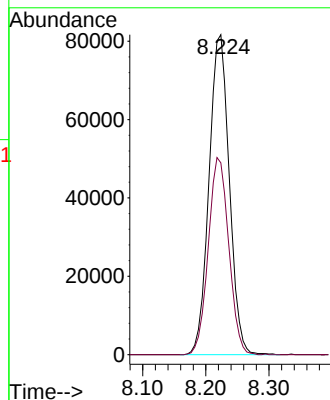
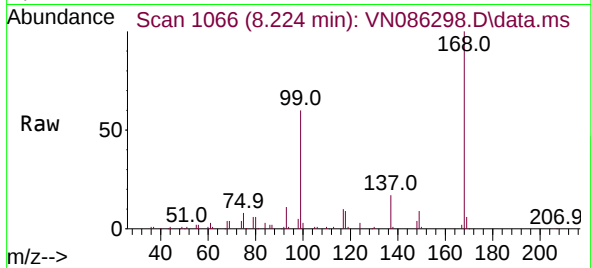




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

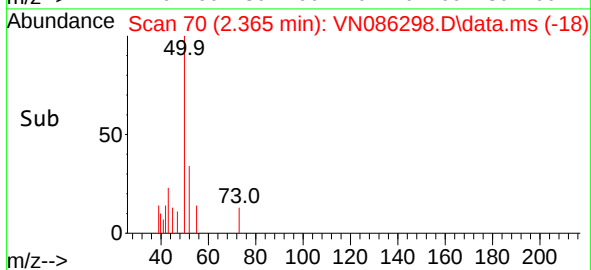
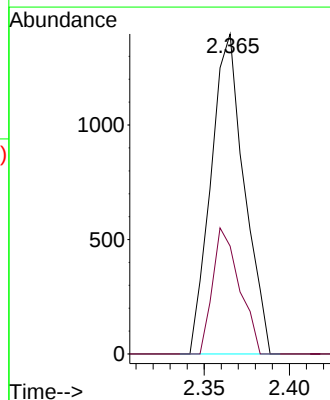
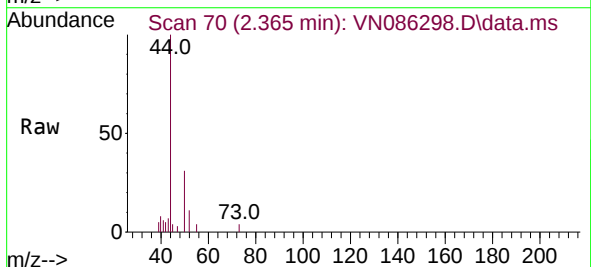
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:168 Resp: 182220
Ion Ratio Lower Upper
168 100
99 60.0 52.5 78.7



#3
Chloromethane
Concen: 0.606 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Tgt Ion: 50 Resp: 1901
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7

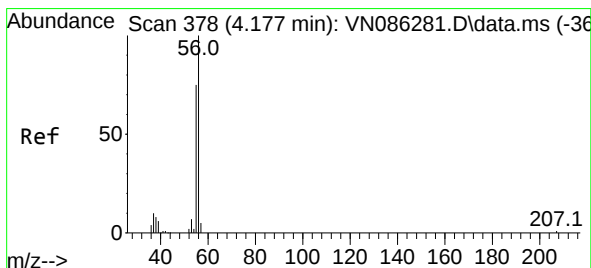
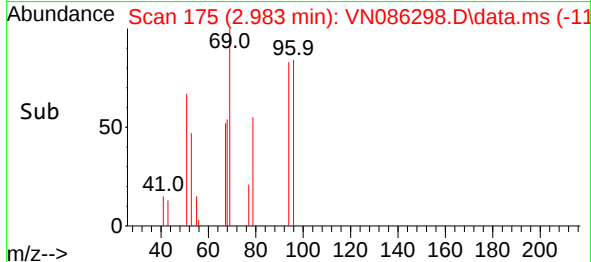
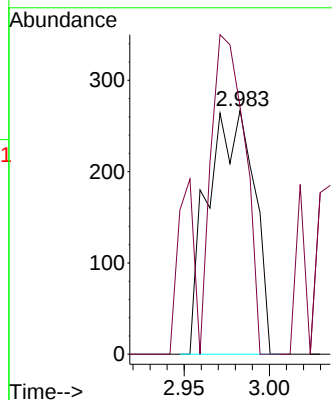
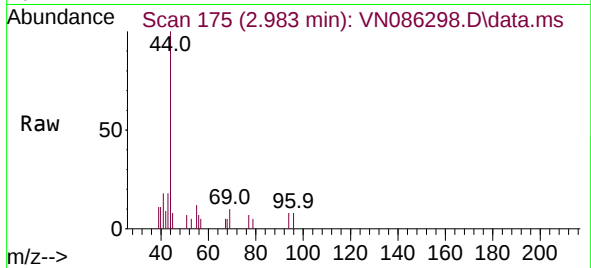




#5
Bromomethane
Concen: 0.378 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

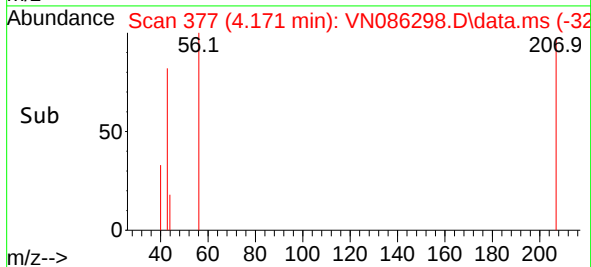
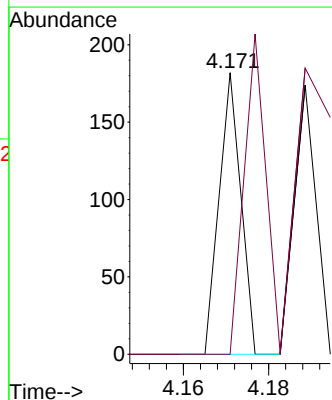
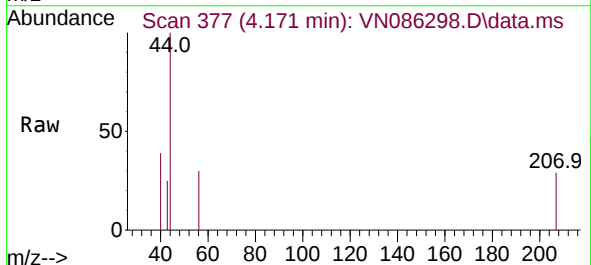
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

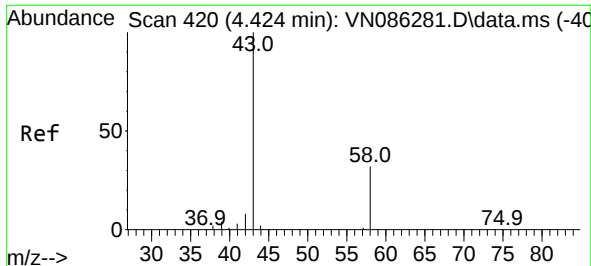
Tgt Ion: 94 Resp: 509
Ion Ratio Lower Upper
94 100
96 101.5 75.2 112.8



#13
Acrolein
Concen: Below Cal
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 114.1 58.5 87.7#

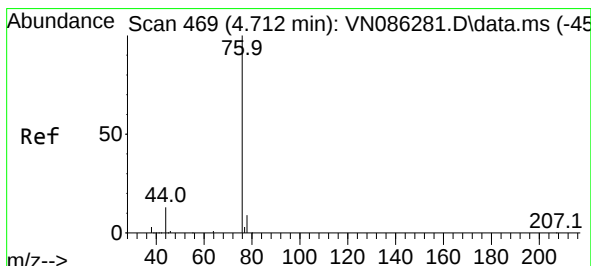
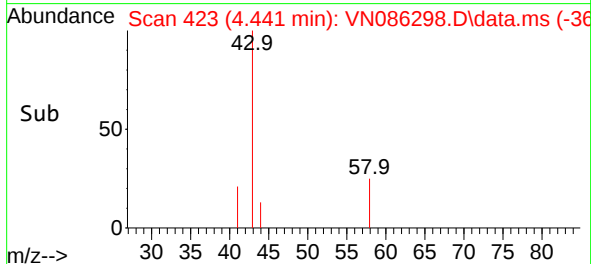
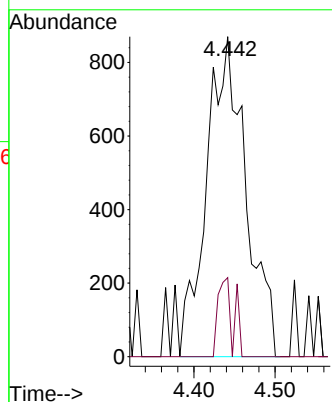
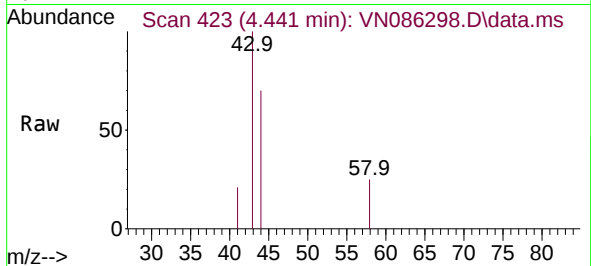




#16
Acetone
Concen: Below Cal
RT: 4.441 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

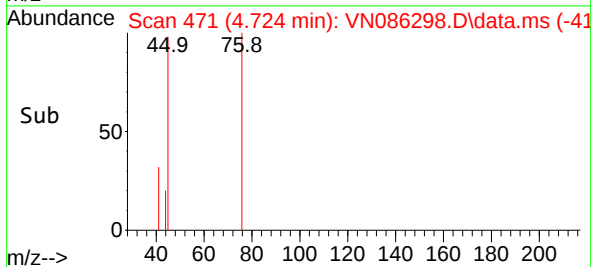
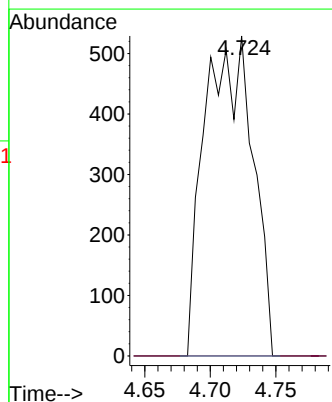
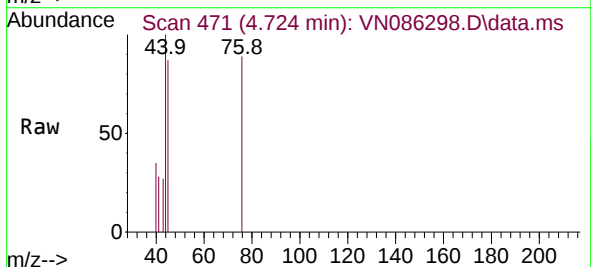
Instrument : MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

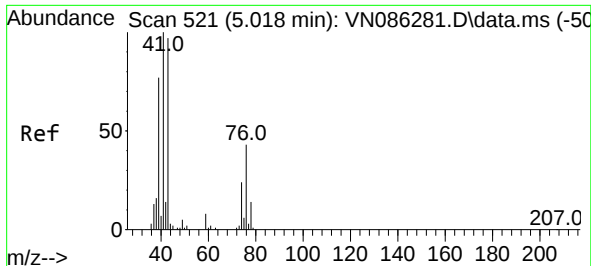
Tgt Ion: 43 Resp: 2932
Ion Ratio Lower Upper
43 100
58 24.7 25.3 37.9#



#17
Carbon Disulfide
Concen: 0.210 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Tgt Ion: 76 Resp: 1350
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#

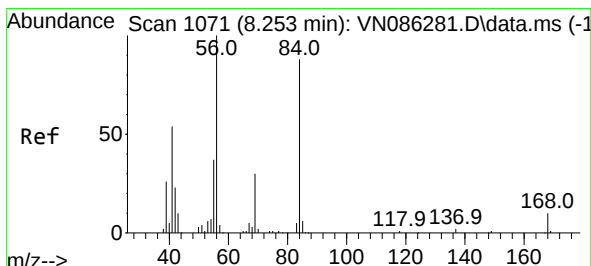
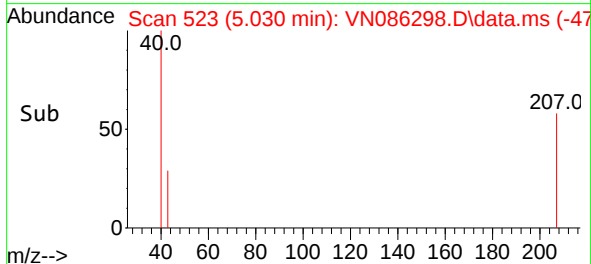
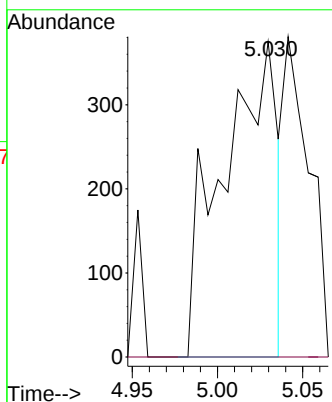
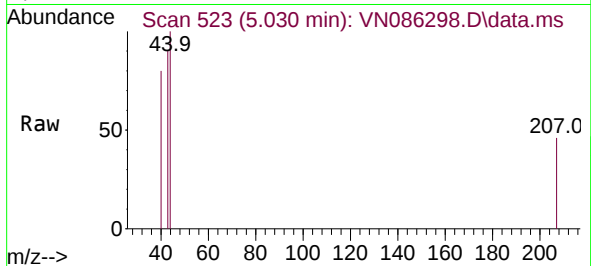




#18
Methyl Acetate
Concen: 0.261 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

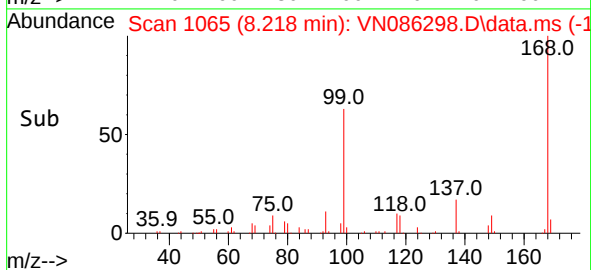
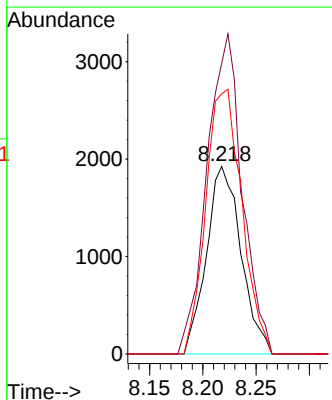
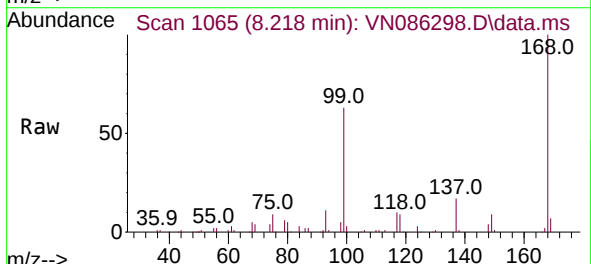
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

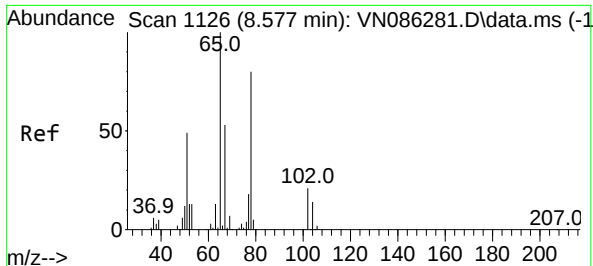
Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



#31
Cyclohexane
Concen: 1.015 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Tgt Ion: 56 Resp: 4345
Ion Ratio Lower Upper
56 100
69 155.0 24.2 36.2#
84 138.7 70.3 105.5#





#33

1,2-Dichloroethane-d4

Concen: 50.159 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086298.D

Acq: 16 Apr 2025 15:39

Instrument :

MSVOA_N

ClientSampleId :

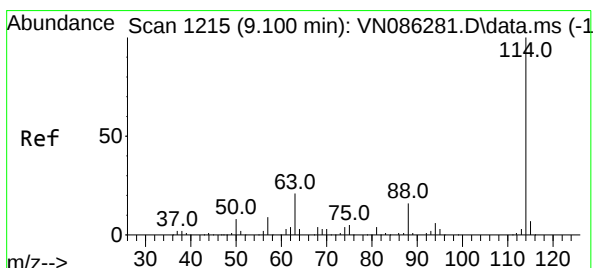
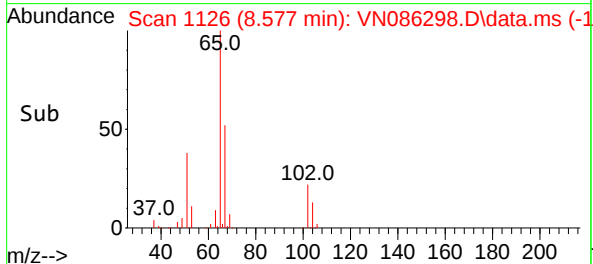
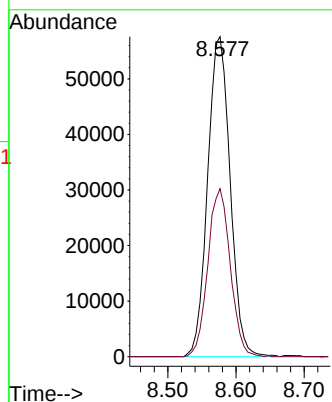
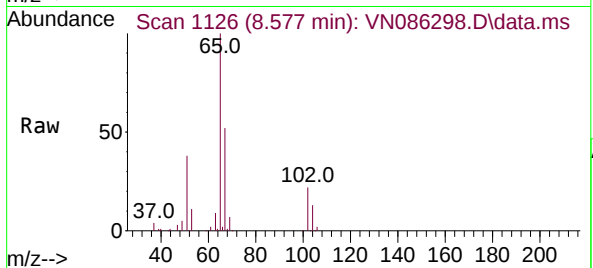
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 65 Resp: 132537

Ion Ratio Lower Upper

65 100

67 52.2 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: VN086298.D

Acq: 16 Apr 2025 15:39

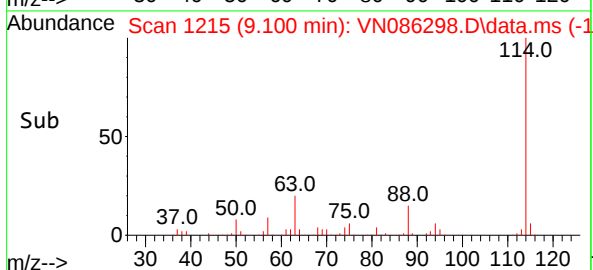
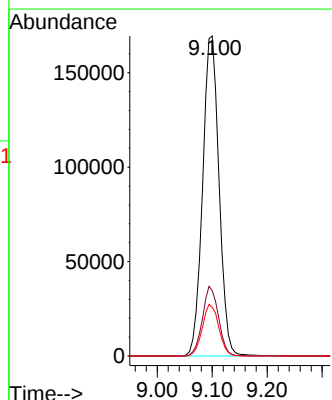
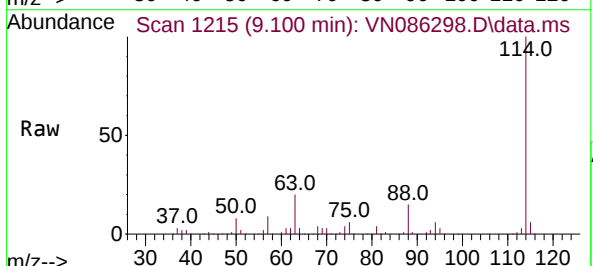
Tgt Ion: 114 Resp: 350929

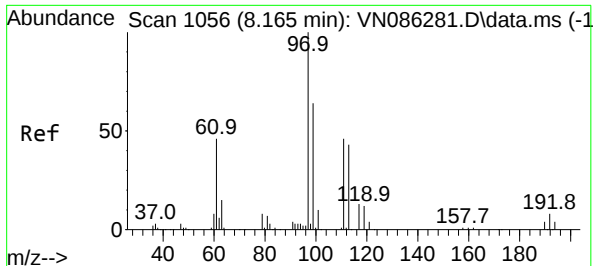
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.413 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086298.D

Acq: 16 Apr 2025 15:39

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

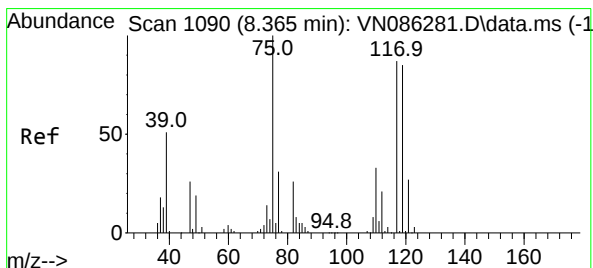
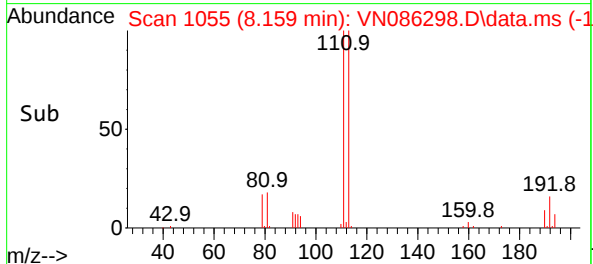
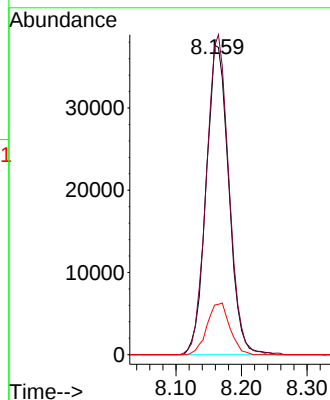
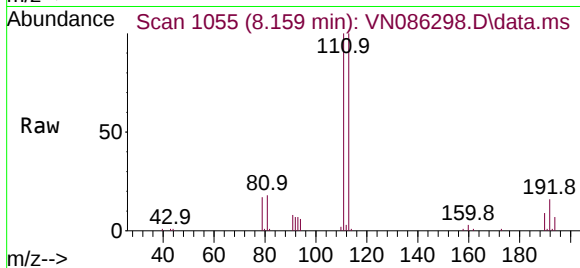
Tgt Ion:113 Resp: 90252

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.0

192 16.8 13.7 20.5



#36

1,1-Dichloropropene

Concen: 4.826 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN086298.D

Acq: 16 Apr 2025 15:39

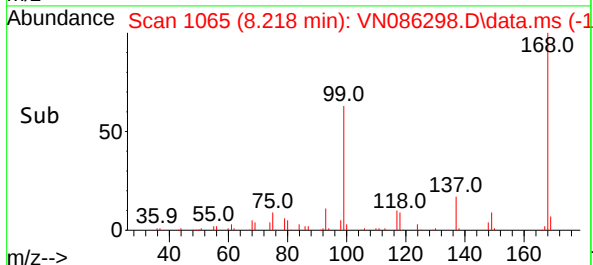
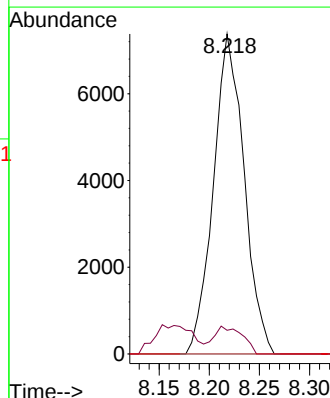
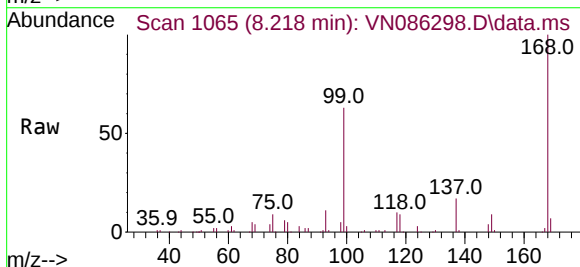
Tgt Ion: 75 Resp: 15700

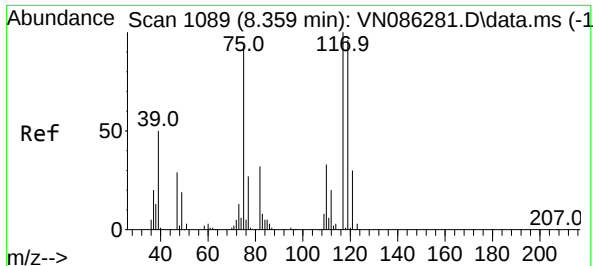
Ion Ratio Lower Upper

75 100

110 8.1 16.8 50.4#

77 0.0 24.9 37.3#

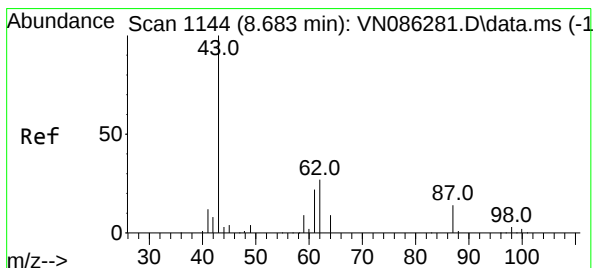
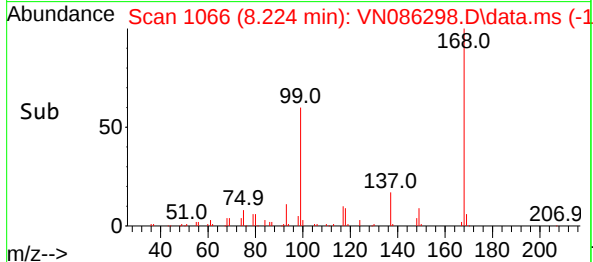
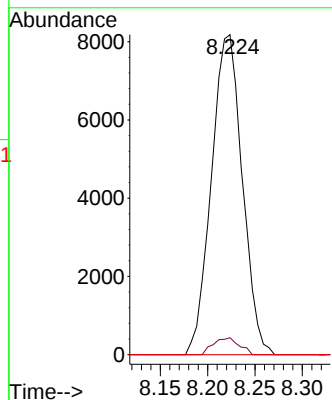
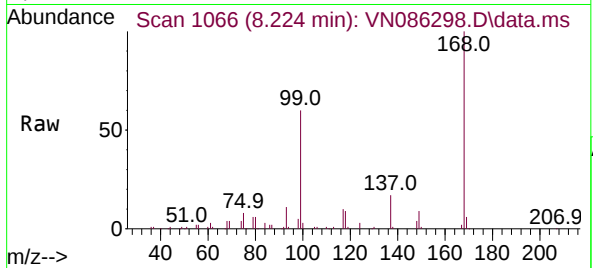




#38
Carbon Tetrachloride
Concen: 5.993 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

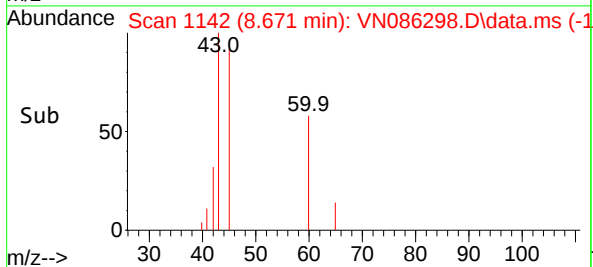
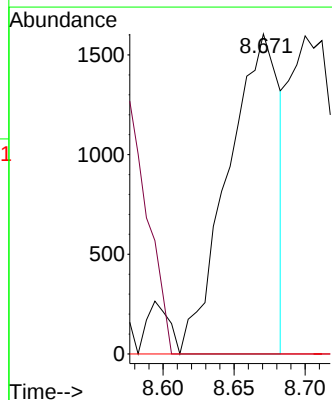
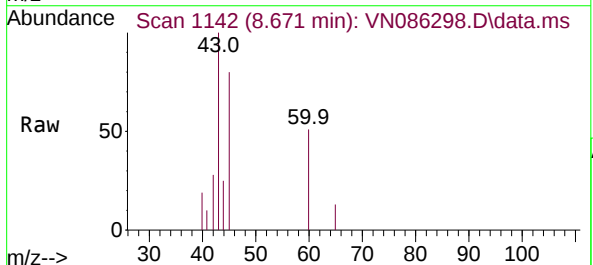
Instrument : MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

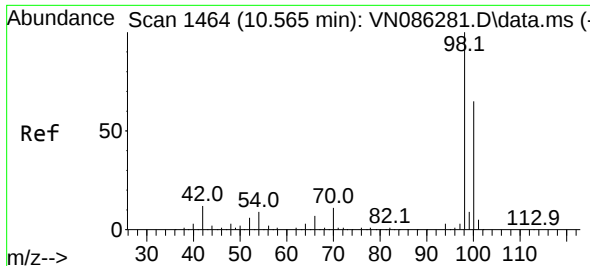
Tgt Ion:117 Resp: 18567
Ion Ratio Lower Upper
117 100
119 5.3 76.8 115.2#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.671 min Scan# 1142
Delta R.T. -0.012 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Tgt Ion: 43 Resp: 4023
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#

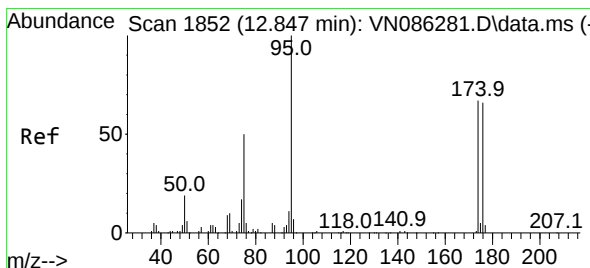
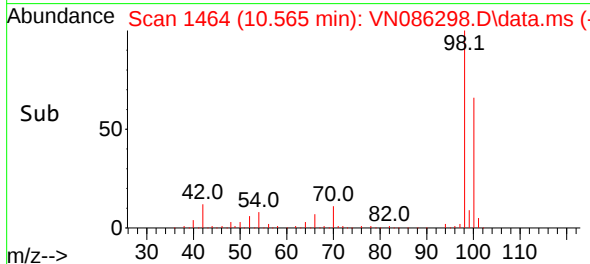
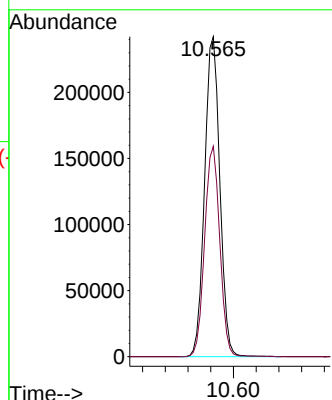
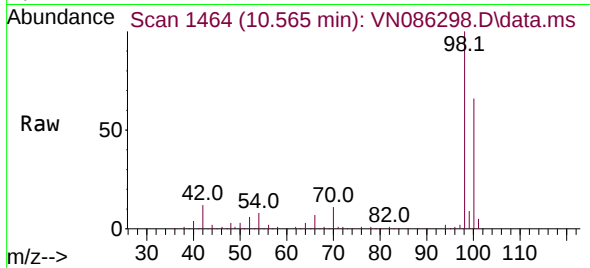




#50
Toluene-d8
Concen: 51.541 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

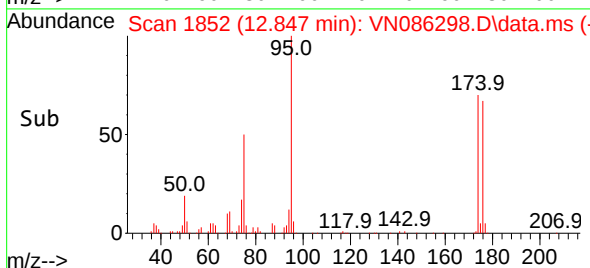
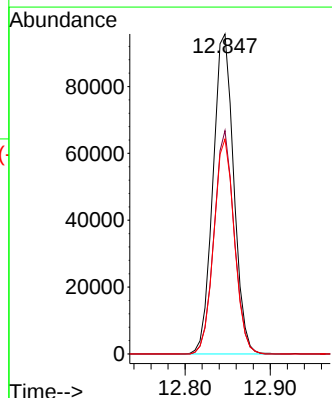
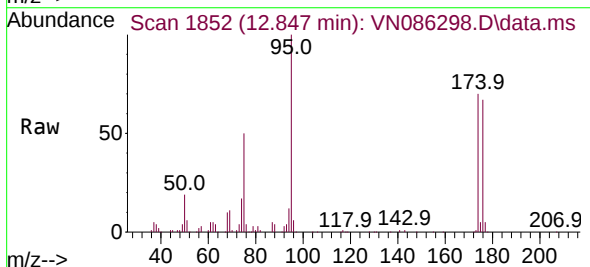
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-SAMPLE-MANAGEMENT

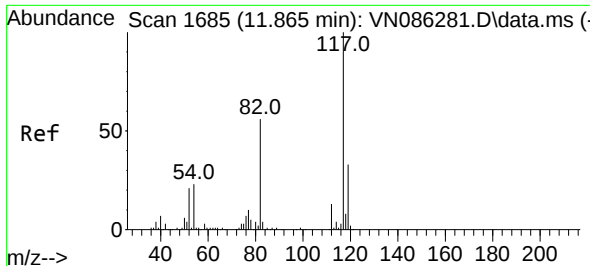
Tgt Ion: 98 Resp: 448640
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.938 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Tgt Ion: 95 Resp: 161726
Ion Ratio Lower Upper
95 100
174 67.7 0.0 133.4
176 66.4 0.0 129.2

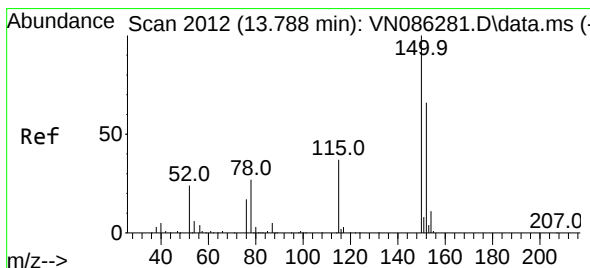
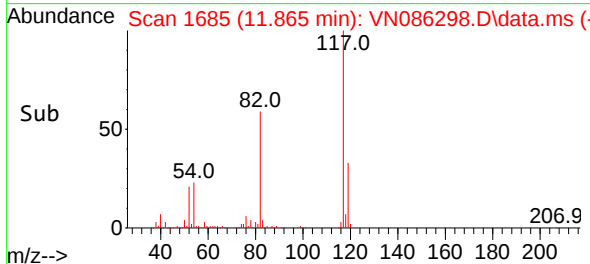
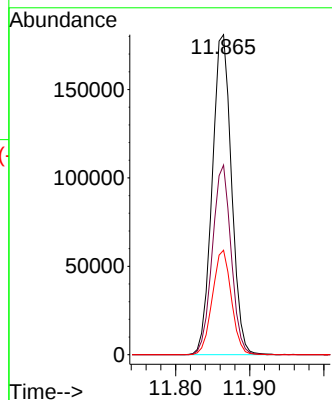
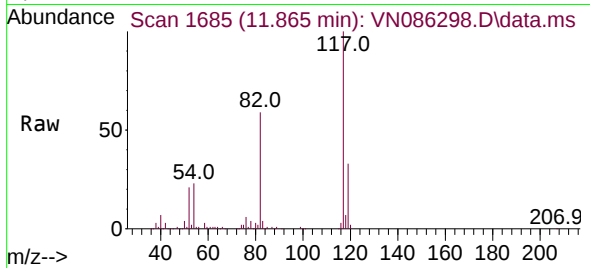




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

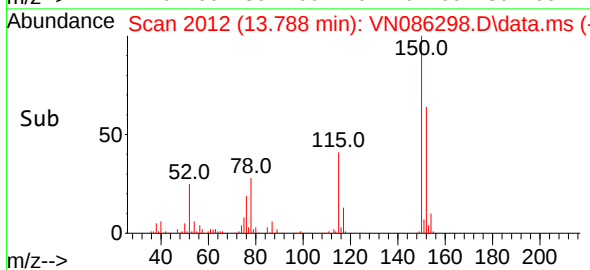
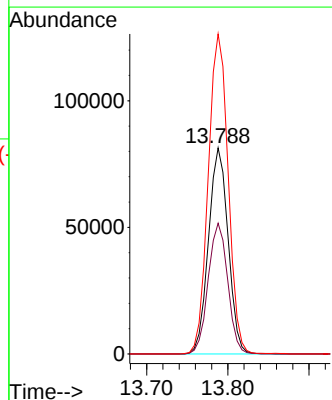
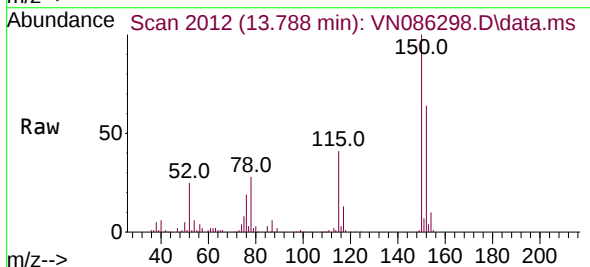
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

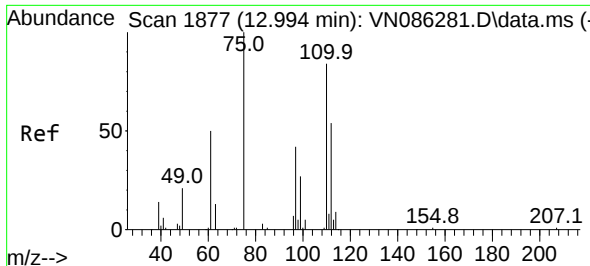
Tgt Ion:117 Resp: 327097
Ion Ratio Lower Upper
117 100
82 59.2 44.7 67.1
119 32.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Tgt Ion:152 Resp: 136544
Ion Ratio Lower Upper
152 100
115 63.0 31.9 95.9
150 157.3 0.0 352.0

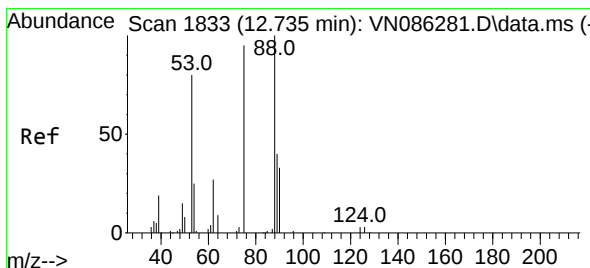
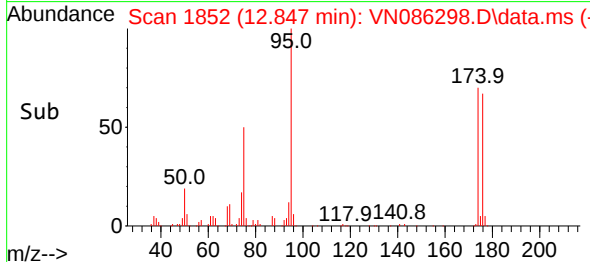
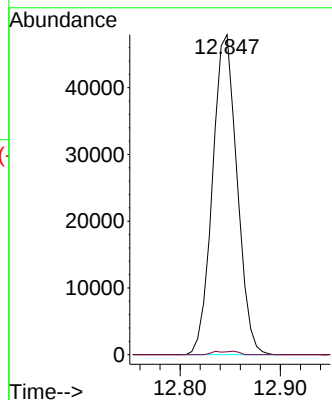
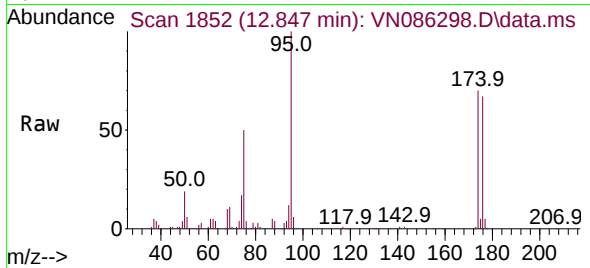




#76
1,2,3-Trichloropropane
Concen: 25.294 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 81504
Ion Ratio Lower Upper
75 100
77 1.0 98.8 296.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.747 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086298.D
Acq: 16 Apr 2025 15:39

Tgt Ion: 75 Resp: 81504
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.0 35.7 53.5#

