

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
 Data File : VN085725.D
 Acq On : 10 Feb 2025 15:48
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 11 03:23:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

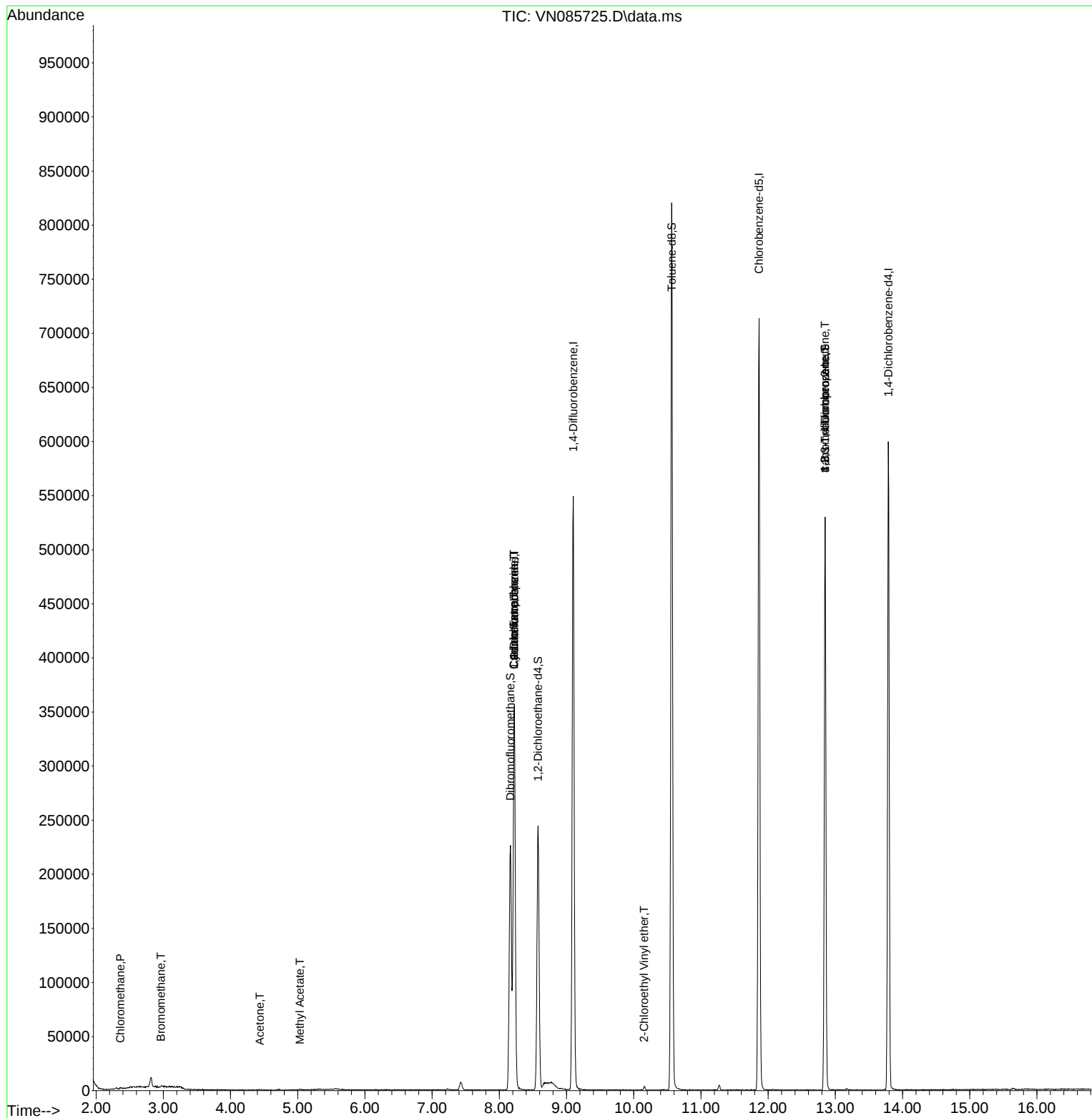
Internal Standards						
1) Pentafluorobenzene	8.224	168	252028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	468654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	407707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	199692	49.085	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.180%
35) Dibromofluoromethane	8.165	113	163005	50.135	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.280%
50) Toluene-d8	10.565	98	565834	48.982	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.960%
62) 4-Bromofluorobenzene	12.847	95	179805	45.502	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.000%
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	1008	0.273	ug/l #	41
5) Bromomethane	2.965	94	943	0.420	ug/l	89
16) Acetone	4.436	43	638	0.485	ug/l #	80
18) Methyl Acetate	5.030	43	1208	0.302	ug/l #	63
31) Cyclohexane	8.218	56	6062	1.174	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	21210	4.648	ug/l #	51
38) Carbon Tetrachloride	8.218	117	26813	5.133	ug/l #	18
58) 2-Chloroethyl Vinyl ether	10.153	63	1744	0.874	ug/l	93
76) 1,2,3-Trichloropropane	12.847	75	95104	28.739	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	95104	77.755	ug/l #	3

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

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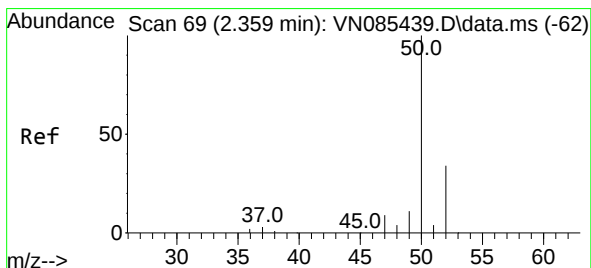
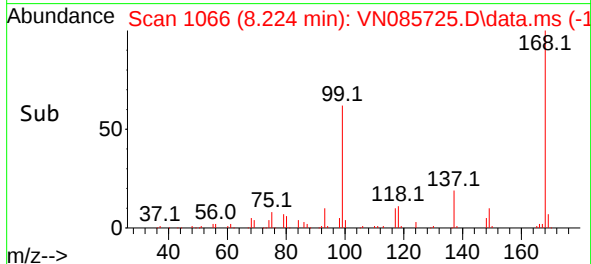
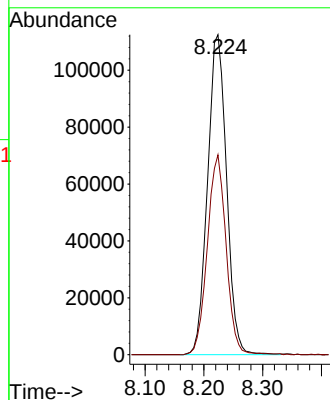
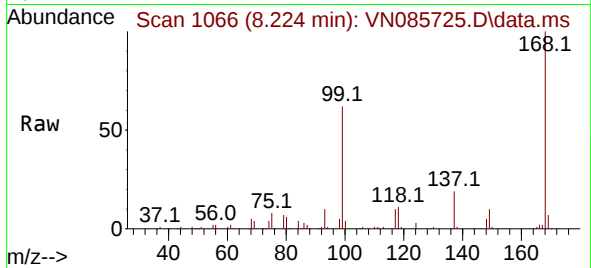




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

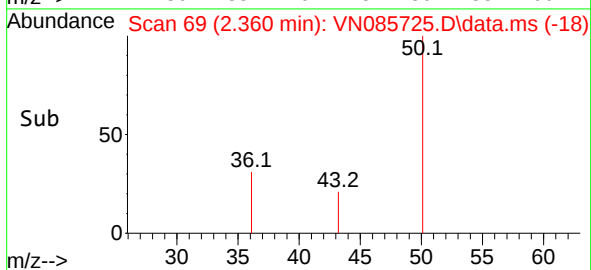
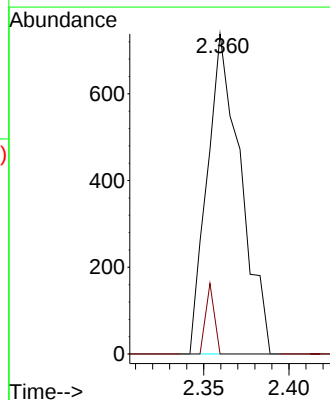
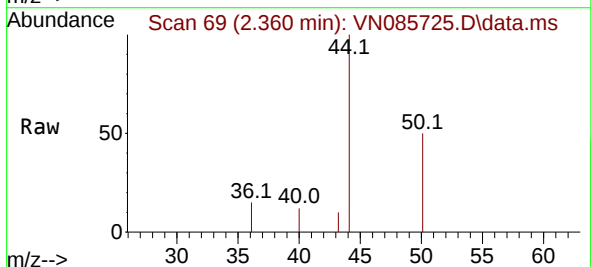
Instrument :
MSVOA_N
ClientSampleId :

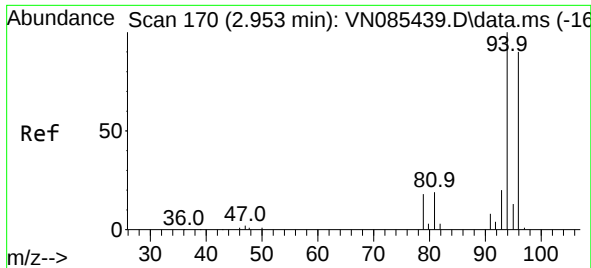
Tgt Ion:168 Resp: 252028
Ion Ratio Lower Upper
168 100
99 62.5 53.6 80.4



#3
Chloromethane
Concen: 0.273 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

Tgt Ion: 50 Resp: 1008
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

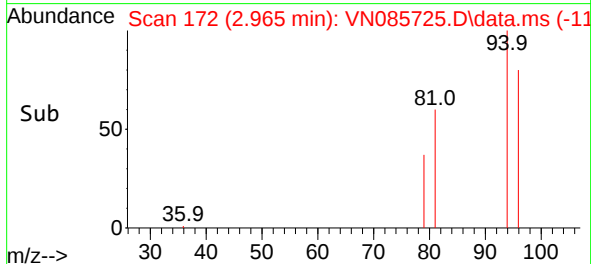
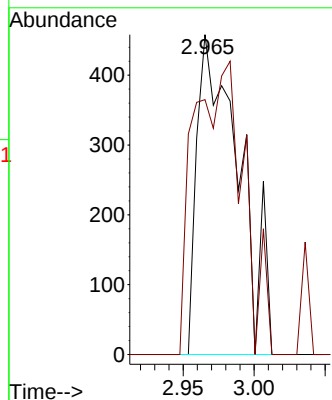
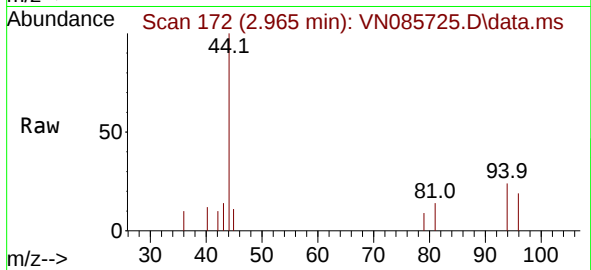




#5
Bromomethane
Concen: 0.420 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

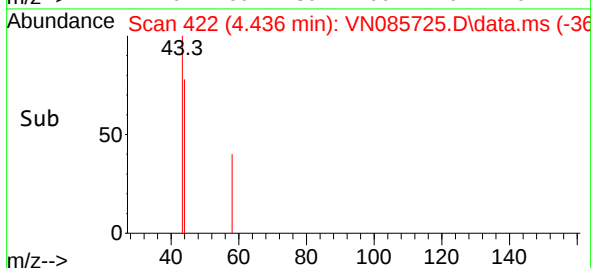
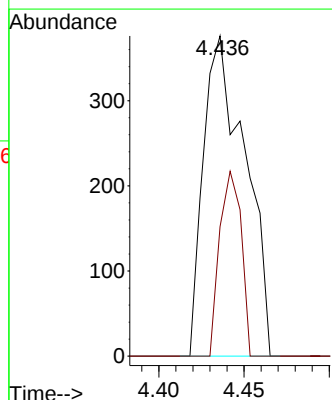
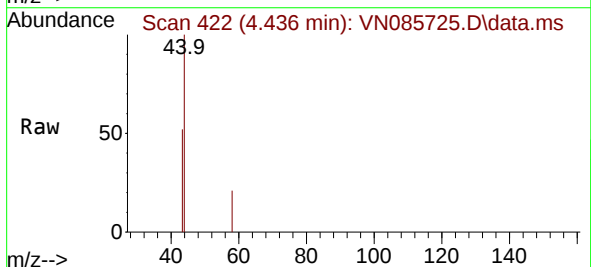
Instrument :
MSVOA_N
ClientSampleId :

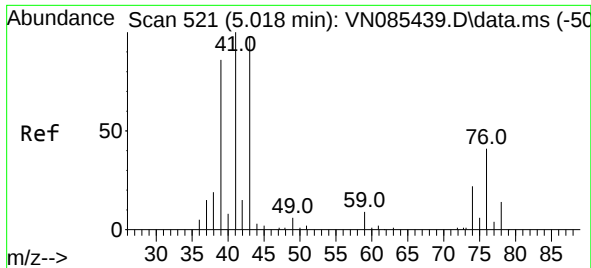
Tgt Ion: 94 Resp: 943
Ion Ratio Lower Upper
94 100
96 79.7 71.8 107.6



#16
Acetone
Concen: 0.485 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

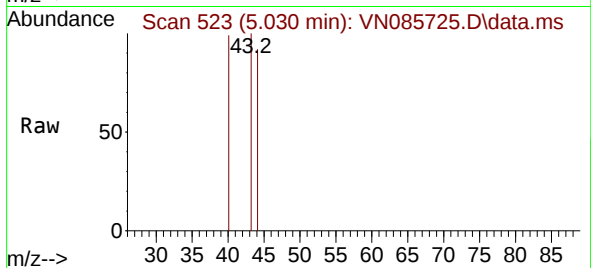
Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 40.4 23.8 35.6#



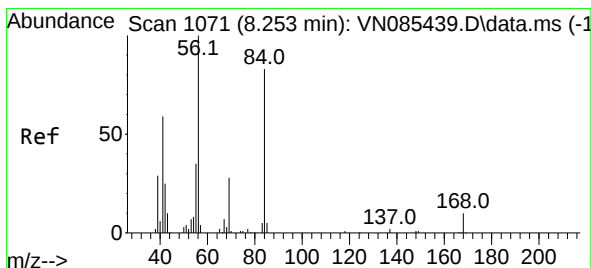
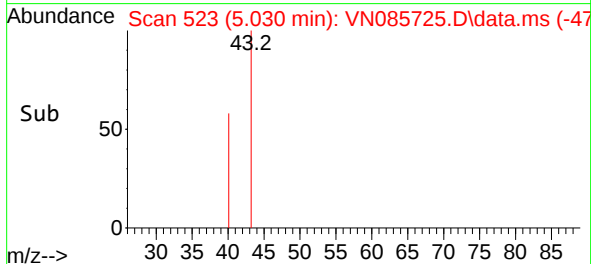
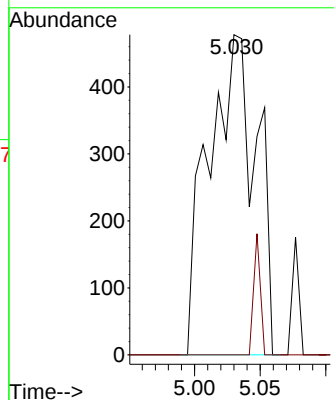


#18
Methyl Acetate
Concen: 0.302 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

Instrument :
MSVOA_N
ClientSampleId :

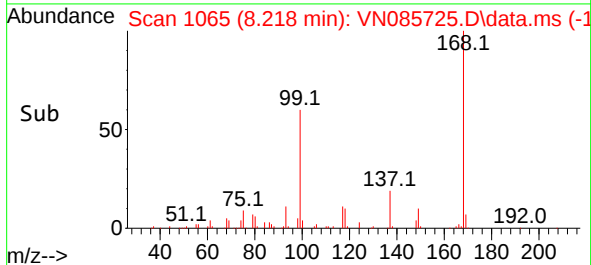
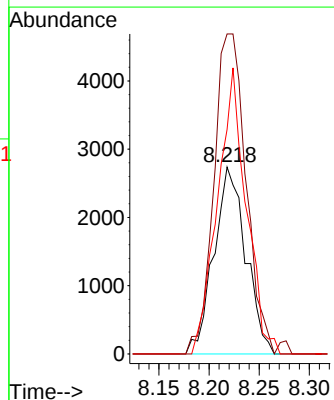
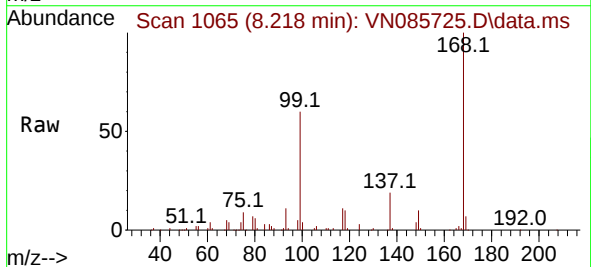


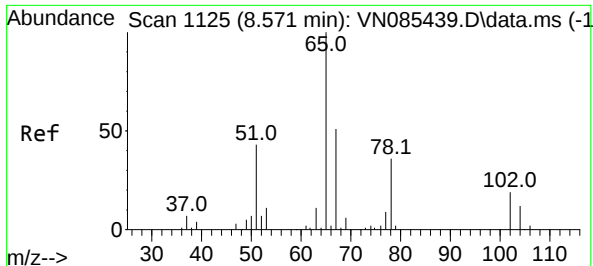
Tgt Ion: 43 Resp: 1208
Ion Ratio Lower Upper
43 100
74 5.3 18.6 28.0#



#31
Cyclohexane
Concen: 1.174 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

Tgt Ion: 56 Resp: 6062
Ion Ratio Lower Upper
56 100
69 171.2 22.2 33.4#
84 120.1 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 49.085 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085725.D

Acq: 10 Feb 2025 15:48

Instrument :

MSVOA_N

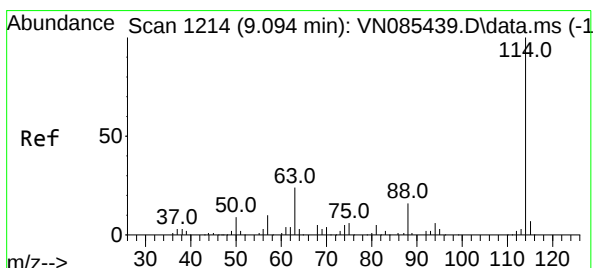
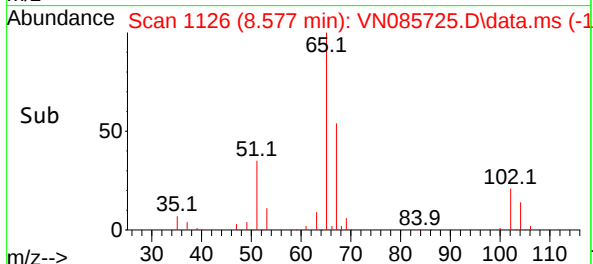
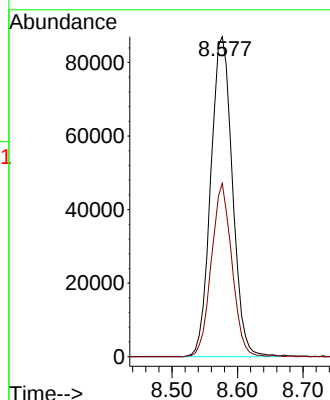
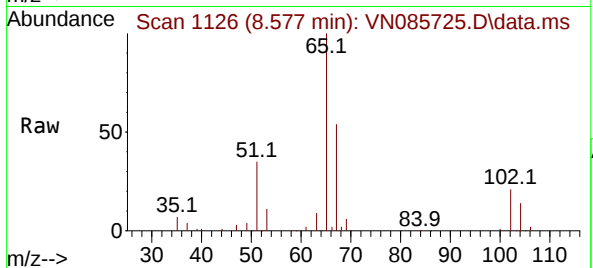
ClientSampleId :

Tgt Ion: 65 Resp: 199692

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085725.D

Acq: 10 Feb 2025 15:48

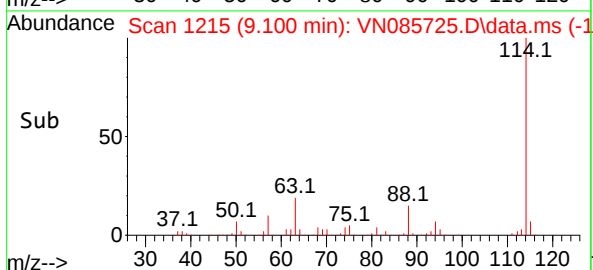
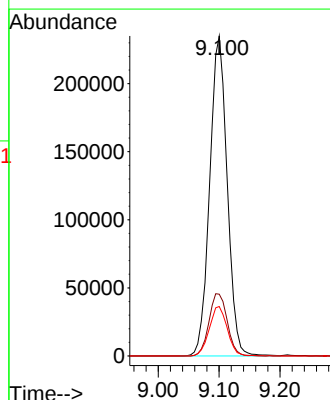
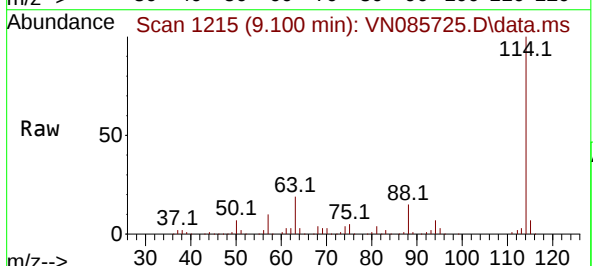
Tgt Ion: 114 Resp: 468654

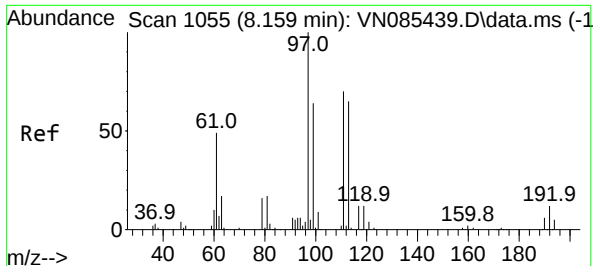
Ion Ratio Lower Upper

114 100

63 19.3 0.0 47.6

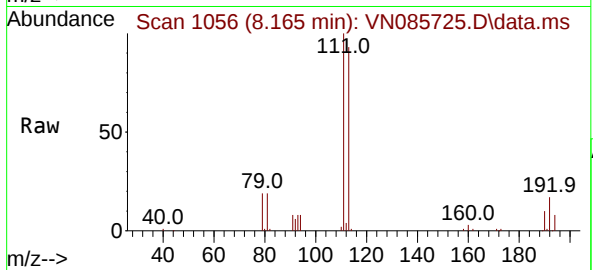
88 15.4 0.0 32.6



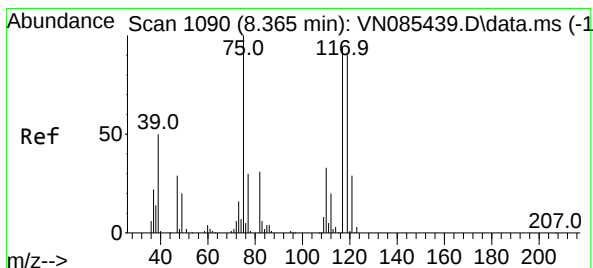
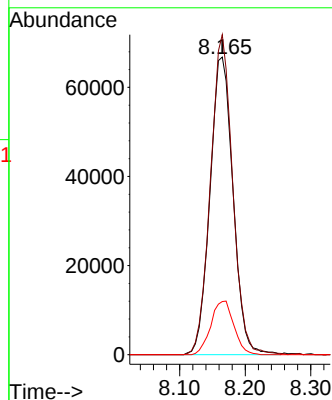
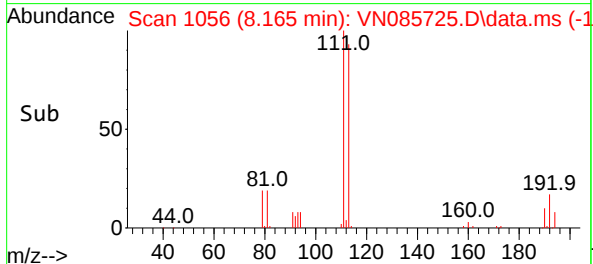


#35
Dibromofluoromethane
Concen: 50.135 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

Instrument :
MSVOA_N
ClientSampleId :

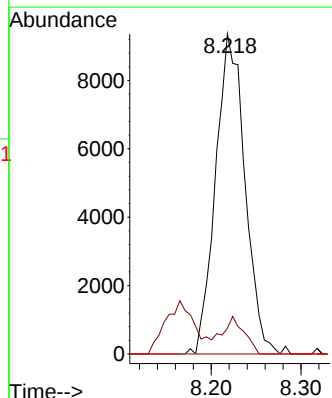
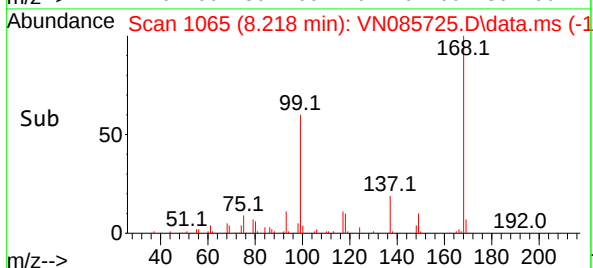
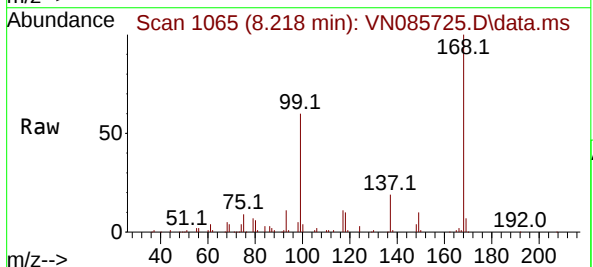


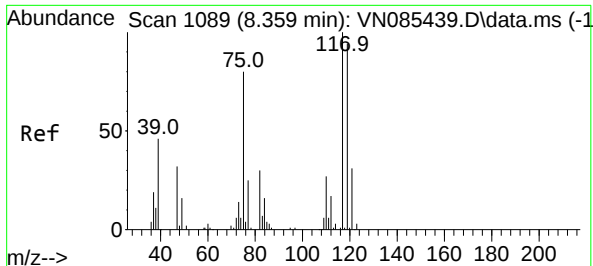
Tgt Ion:113 Resp: 163005
Ion Ratio Lower Upper
113 100
111 103.5 82.7 124.1
192 18.0 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.648 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

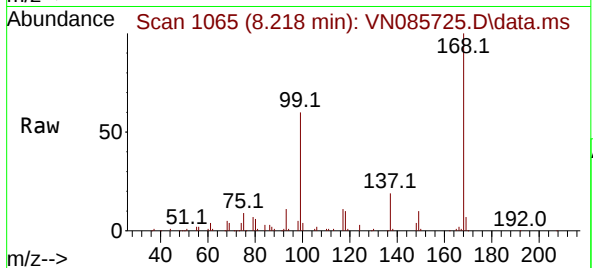
Tgt Ion: 75 Resp: 21210
Ion Ratio Lower Upper
75 100
110 8.7 16.5 49.5#
77 0.0 24.4 36.6#



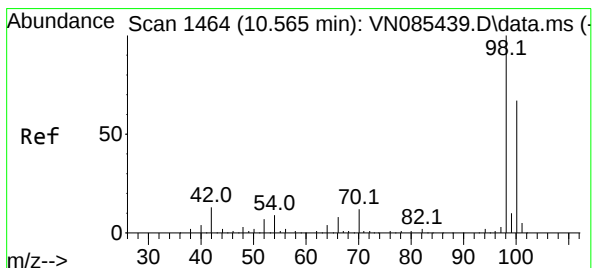
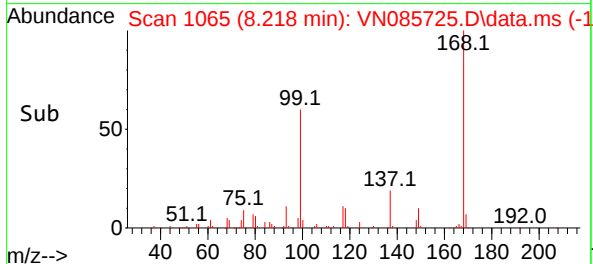
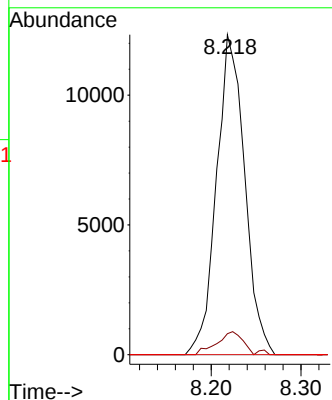


#38
Carbon Tetrachloride
Concen: 5.133 ug/l
RT: 8.218 min Scan# 1089
Delta R.T. -0.141 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

Instrument :
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ClientSampleId :

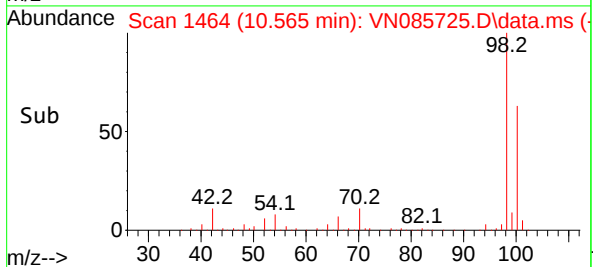
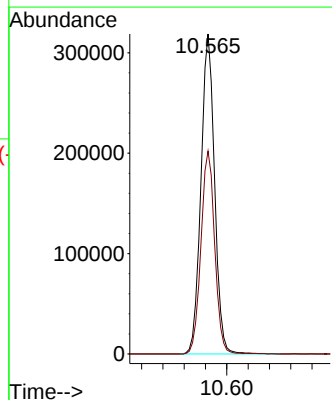
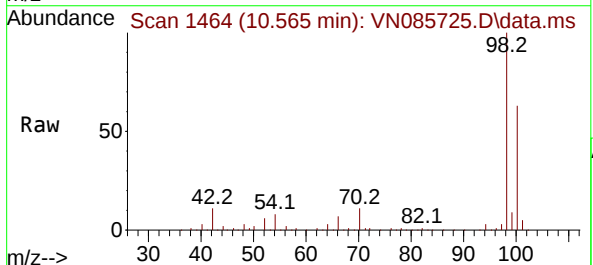


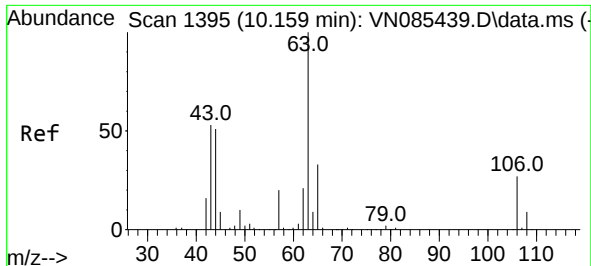
Tgt Ion:117 Resp: 26813
Ion Ratio Lower Upper
117 100
119 6.6 75.4 113.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.982 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

Tgt Ion: 98 Resp: 565834
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4

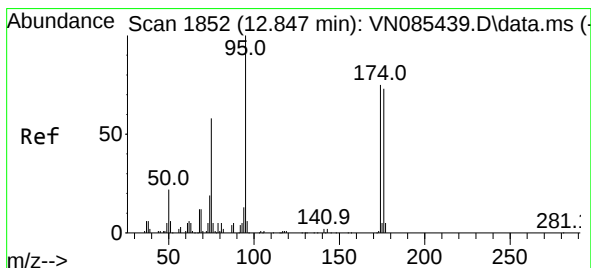
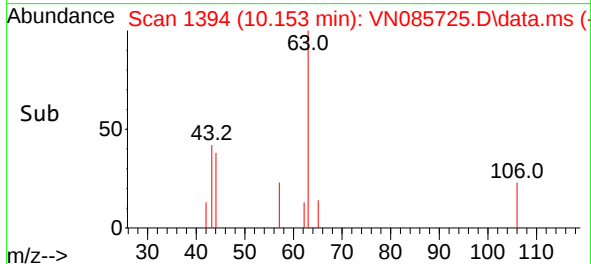
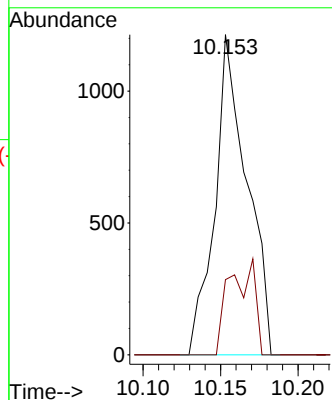
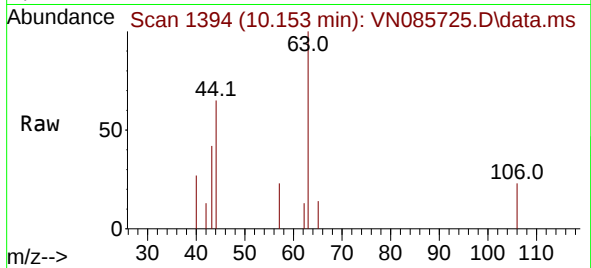




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.874 ug/l
 RT: 10.153 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN085725.D
 Acq: 10 Feb 2025 15:48

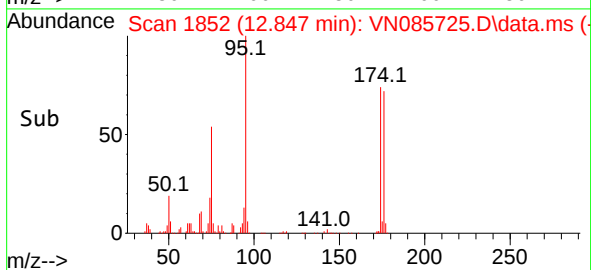
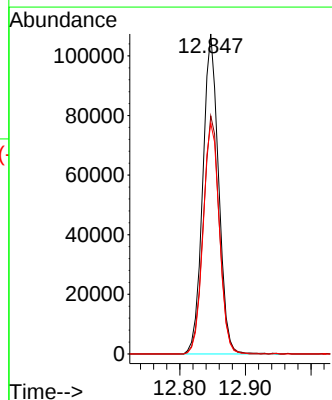
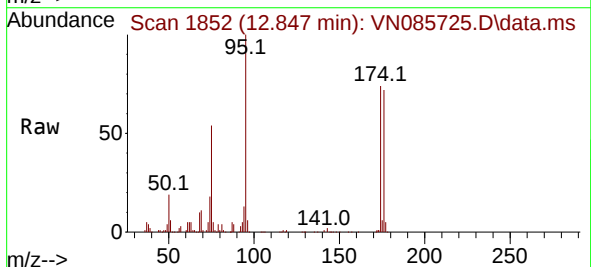
Instrument :
 MSVOA_N
 ClientSampleId :

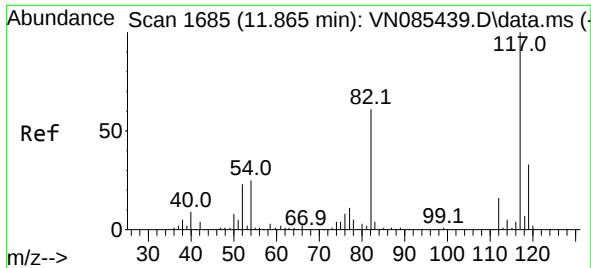
Tgt Ion: 63 Resp: 1744
 Ion Ratio Lower Upper
 63 100
 106 23.6 21.6 32.4



#62
 4-Bromofluorobenzene
 Concen: 45.502 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN085725.D
 Acq: 10 Feb 2025 15:48

Tgt Ion: 95 Resp: 179805
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 145.0
 176 73.9 0.0 142.4

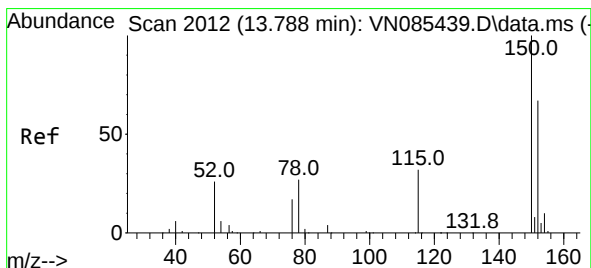
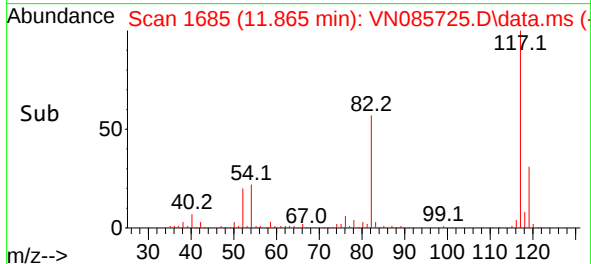
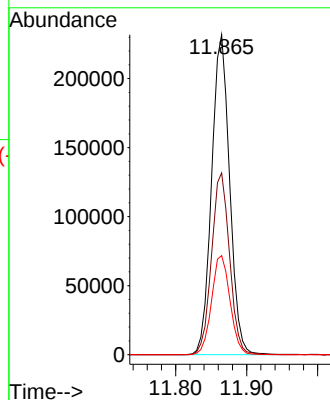
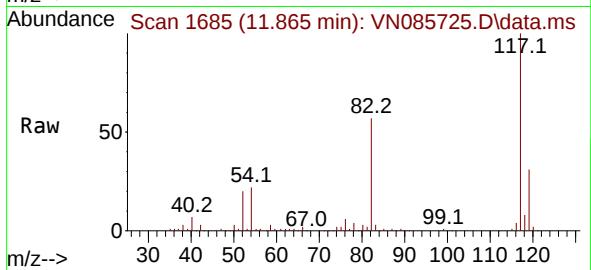




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

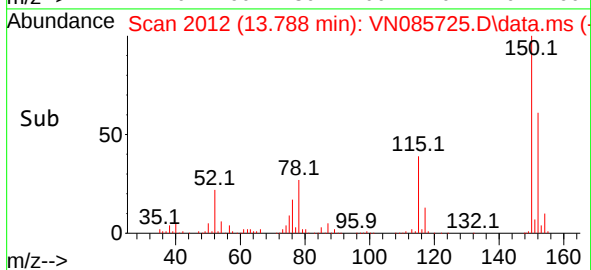
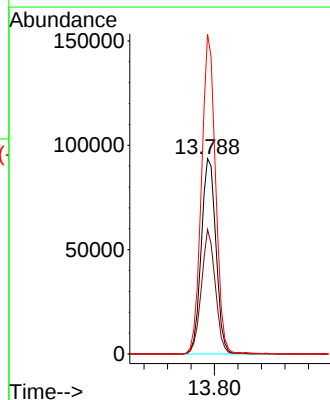
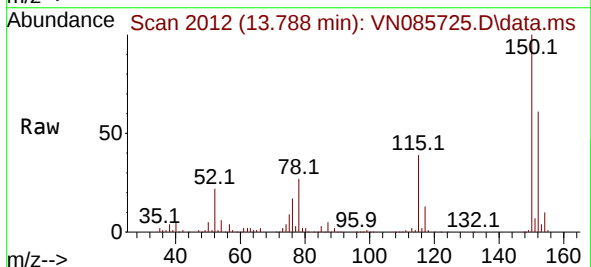
Instrument :
MSVOA_N
ClientSampleId :

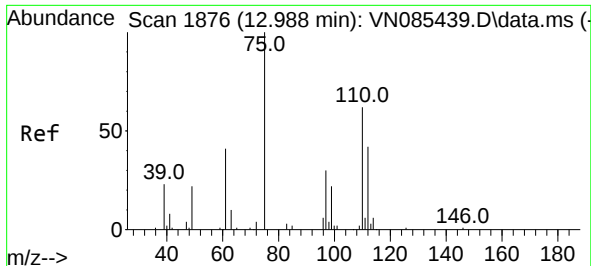
Tgt Ion:117 Resp: 407707
Ion Ratio Lower Upper
117 100
82 56.8 48.6 72.8
119 30.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

Tgt Ion:152 Resp: 162815
Ion Ratio Lower Upper
152 100
115 60.4 31.1 93.3
150 156.8 0.0 343.6

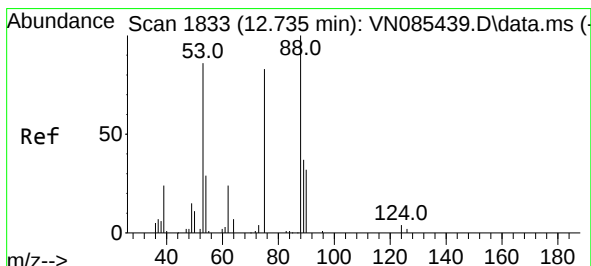
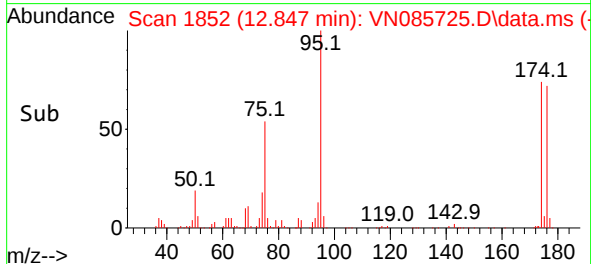
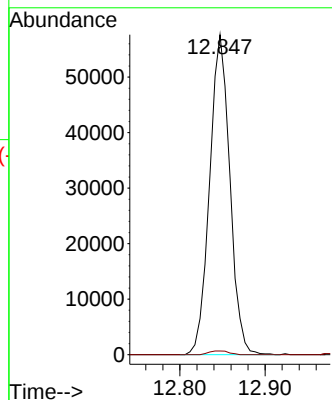
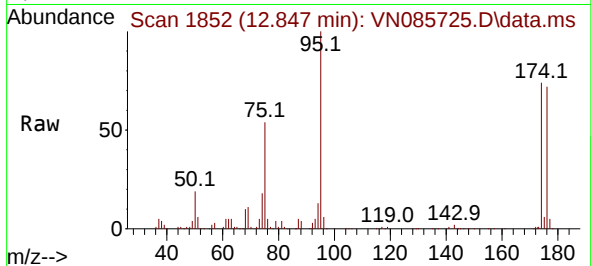




#76
1,2,3-Trichloropropane
Concen: 28.739 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 95104
Ion Ratio Lower Upper
75 100
77 1.2 109.7 329.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.755 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

Tgt Ion: 75 Resp: 95104
Ion Ratio Lower Upper
75 100
53 0.2 95.6 143.4#
89 0.0 37.0 55.6#

