

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085476.D
 Acq On : 16 Jan 2025 17:44
 Operator : JC\MD
 Sample : Q1109-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 17 01:07:58 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)

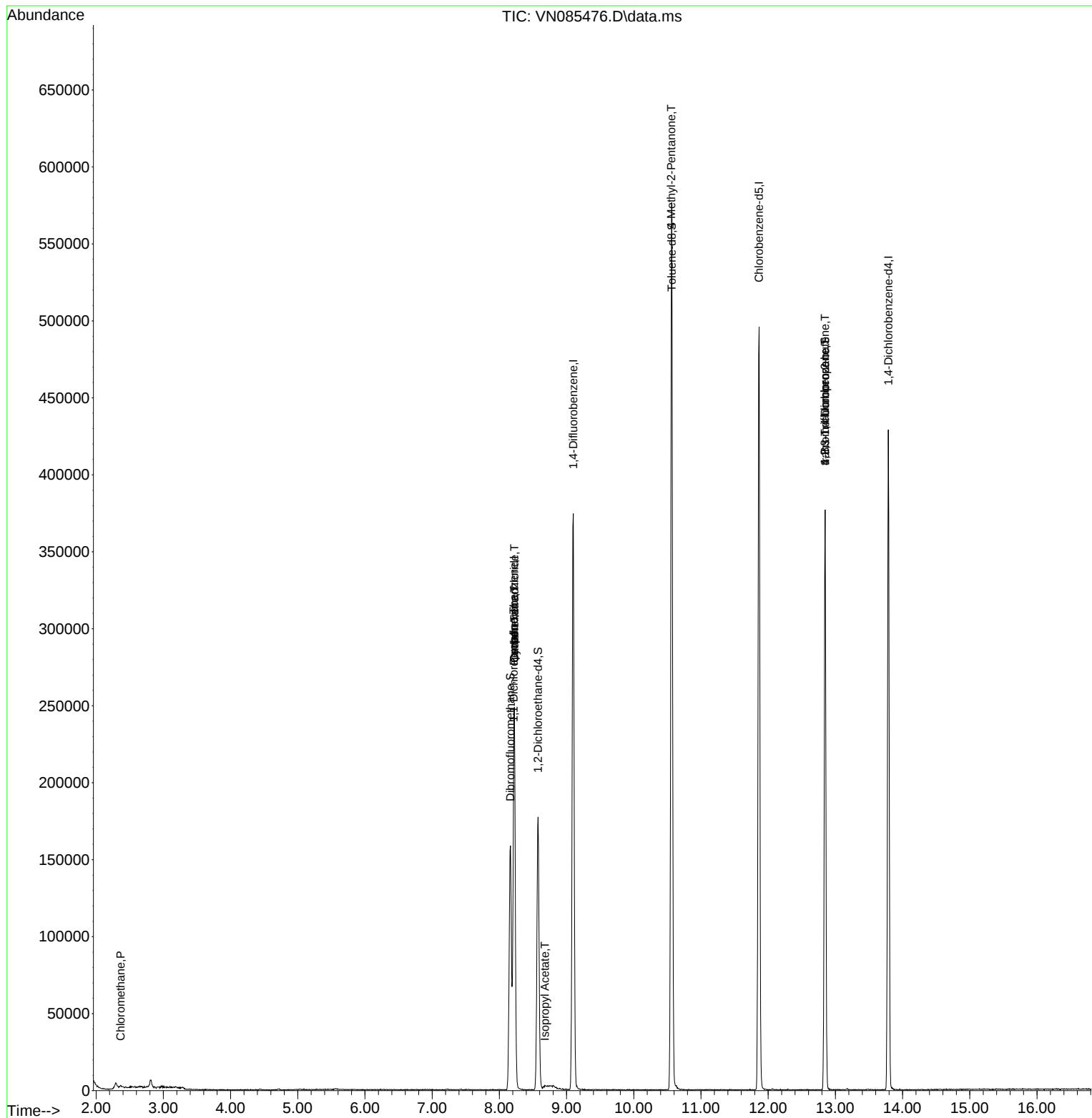
Internal Standards						
1) Pentafluorobenzene	8.218	168	168866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150180	55.095	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.180%	
35) Dibromofluoromethane	8.165	113	112060	52.948	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.900%	
50) Toluene-d8	10.565	98	376841	50.115	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.847	95	122424	47.594	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.180%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	707	0.286	ug/l #	41
31) Cyclohexane	8.224	56	5072	1.466	ug/l #	24
36) 1,1-Dichloropropene	8.212	75	16389	5.518	ug/l #	49
38) Carbon Tetrachloride	8.224	117	19646	5.777	ug/l #	19
43) Isopropyl Acetate	8.677	43	1894	0.394	ug/l #	55
51) 4-Methyl-2-Pentanone	10.559	43	2072	0.743	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	68752	31.638	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68752	85.598	ug/l #	3

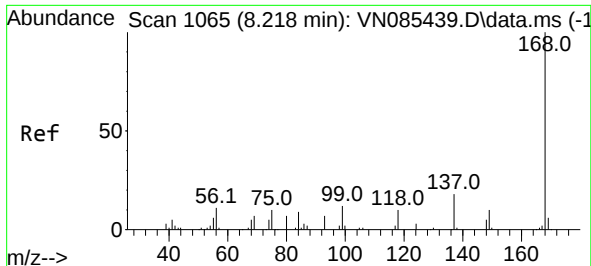
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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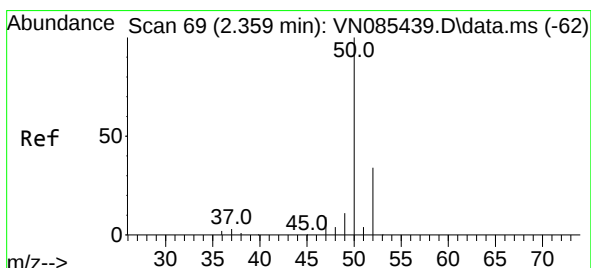
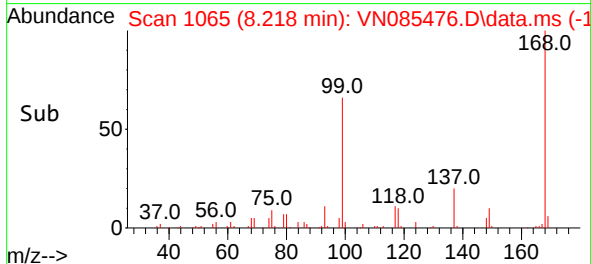
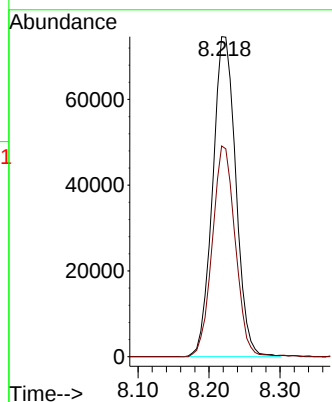
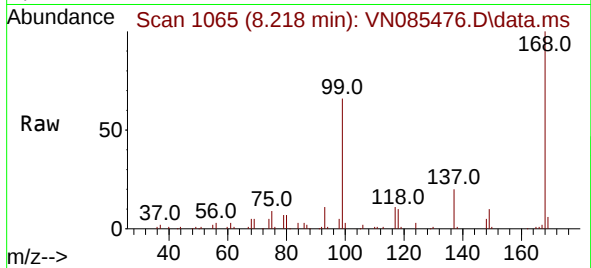




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085476.D
Acq: 16 Jan 2025 17:44

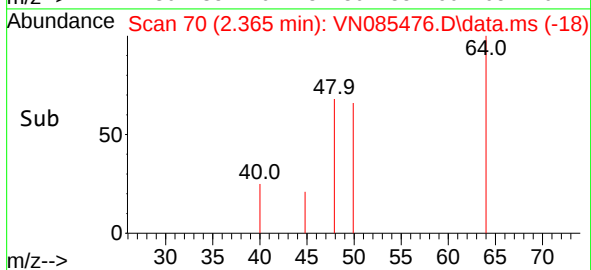
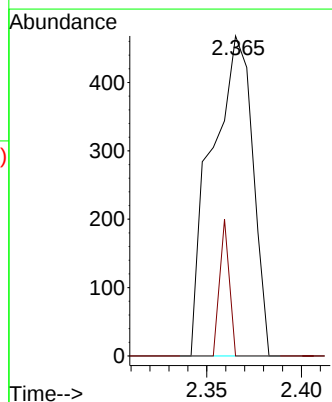
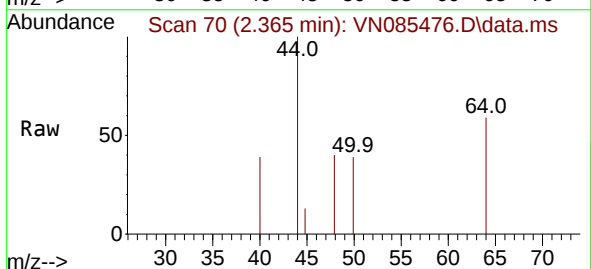
Instrument :
MSVOA_N
ClientSampleId :

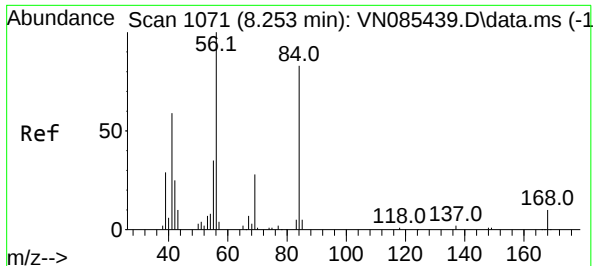
Tgt Ion:168 Resp: 168866
Ion Ratio Lower Upper
168 100
99 65.9 53.6 80.4



#3
Chloromethane
Concen: 0.286 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085476.D
Acq: 16 Jan 2025 17:44

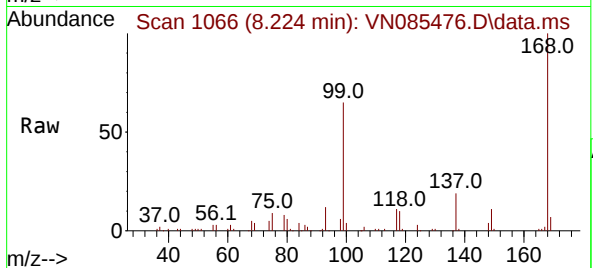
Tgt Ion: 50 Resp: 707
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#



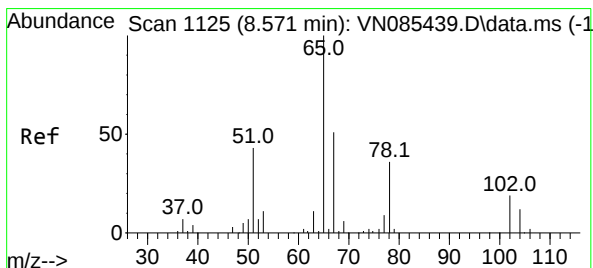
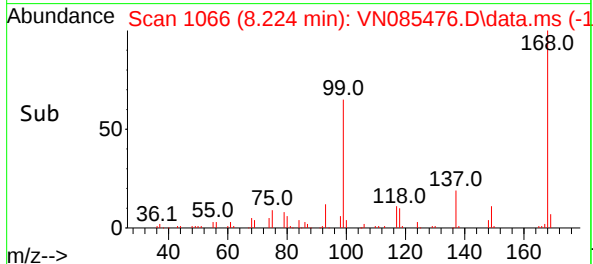
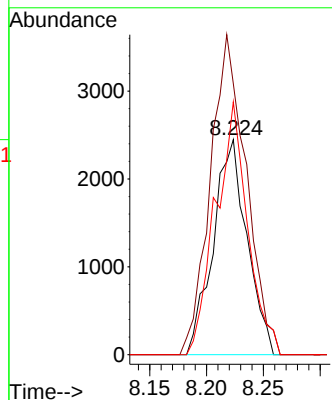


#31
Cyclohexane
Concen: 1.466 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085476.D
Acq: 16 Jan 2025 17:44

Instrument :
MSVOA_N
ClientSampleId :

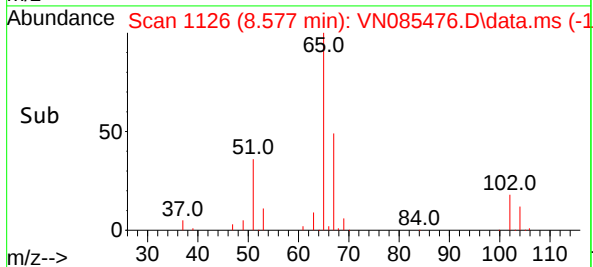
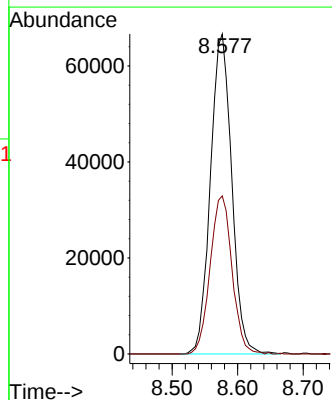
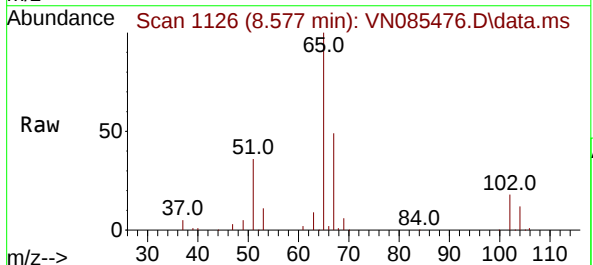


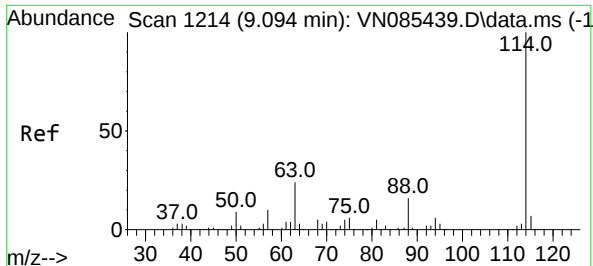
Tgt Ion: 56 Resp: 5072
Ion Ratio Lower Upper
56 100
69 126.0 22.2 33.4#
84 117.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.095 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085476.D
Acq: 16 Jan 2025 17:44

Tgt Ion: 65 Resp: 150180
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085476.D

Acq: 16 Jan 2025 17:44

Instrument :

MSVOA_N

ClientSampleId :

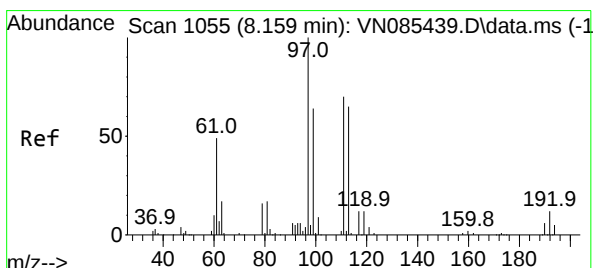
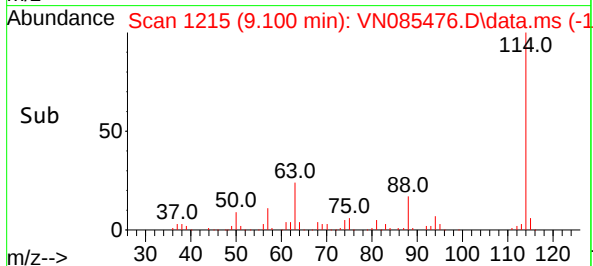
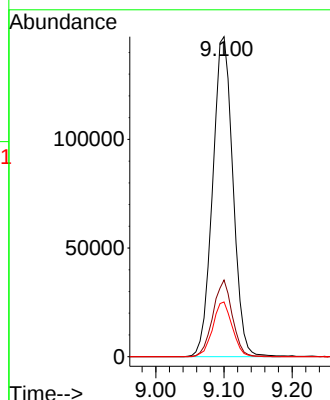
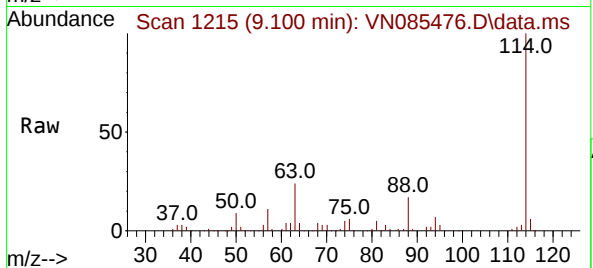
Tgt Ion:114 Resp: 305065

Ion Ratio Lower Upper

114 100

63 23.9 0.0 47.6

88 17.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.948 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085476.D

Acq: 16 Jan 2025 17:44

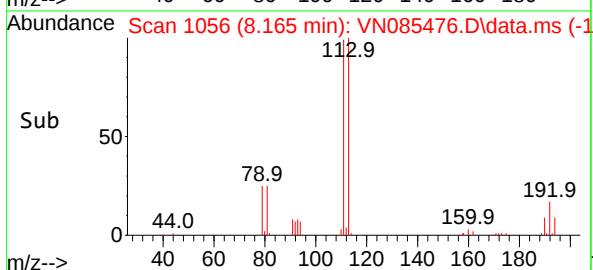
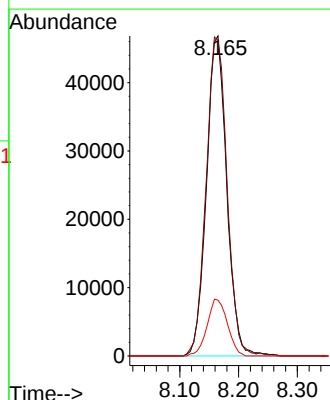
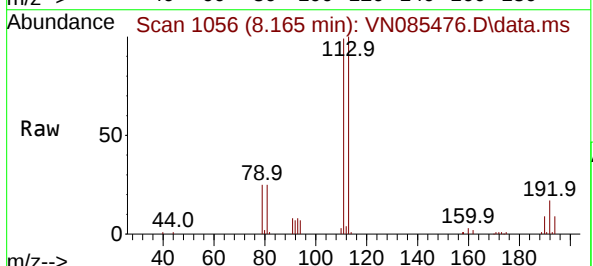
Tgt Ion:113 Resp: 112060

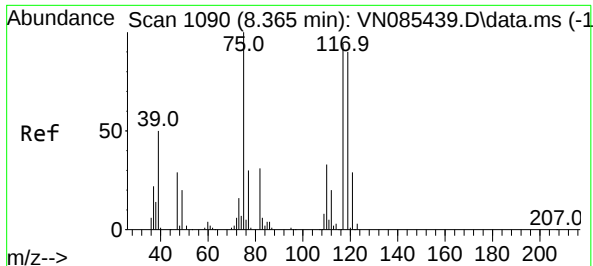
Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

192 17.8 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.518 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.153 min

Lab File: VN085476.D

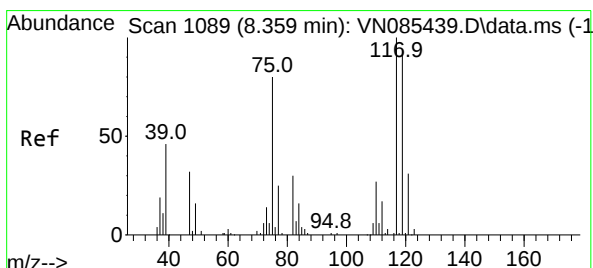
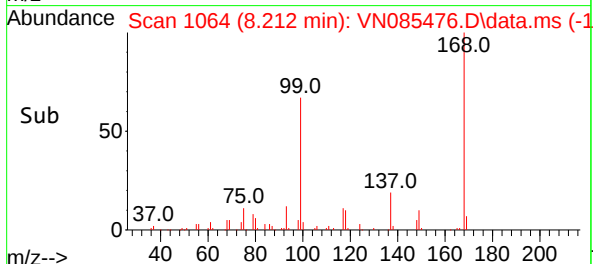
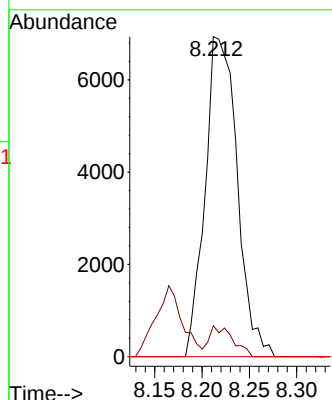
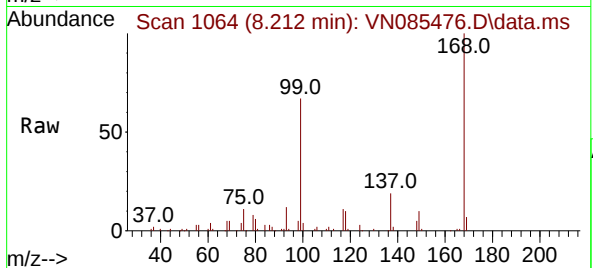
Acq: 16 Jan 2025 17:44

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	16389
Ion	Ratio	Lower	Upper
75	100		
110	7.0	16.5	49.5#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.777 ug/l

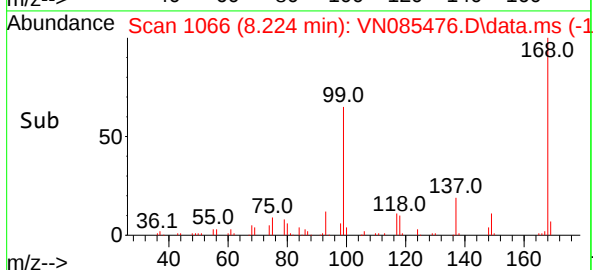
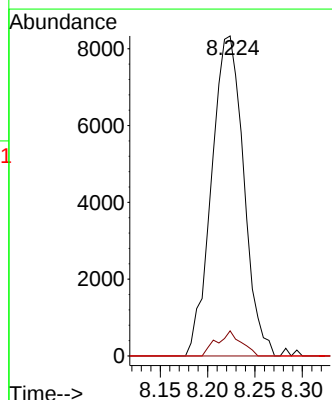
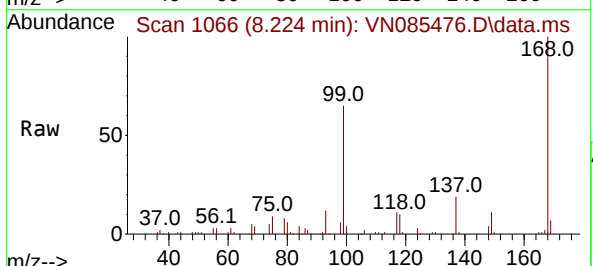
RT: 8.224 min Scan# 1066

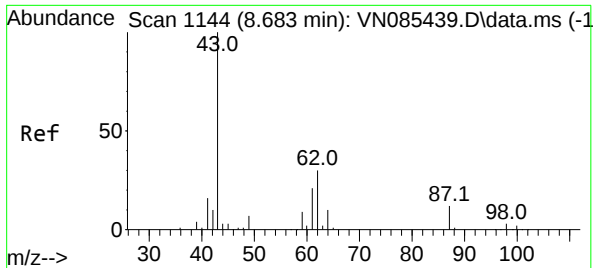
Delta R.T. -0.135 min

Lab File: VN085476.D

Acq: 16 Jan 2025 17:44

Tgt Ion:	117	Resp:	19646
Ion	Ratio	Lower	Upper
117	100		
119	7.8	75.4	113.2#
121	0.0	24.6	37.0#

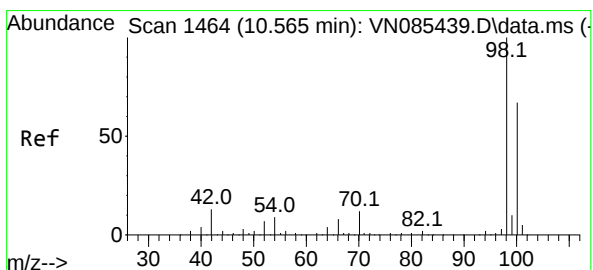
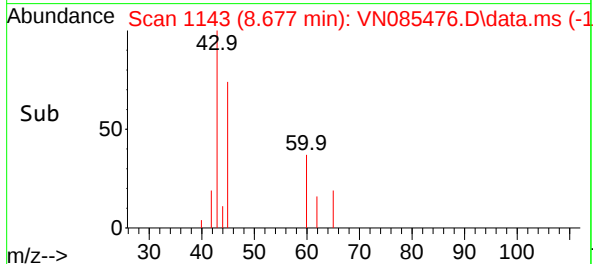
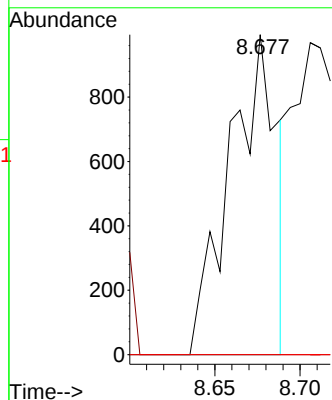
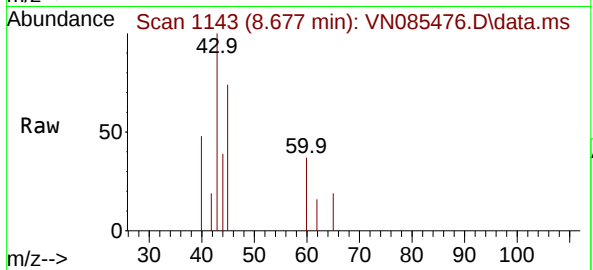




#43
Isopropyl Acetate
Concen: 0.394 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN085476.D
Acq: 16 Jan 2025 17:44

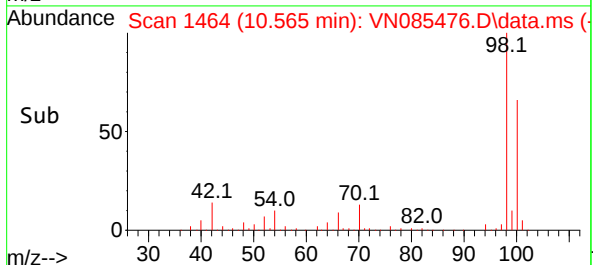
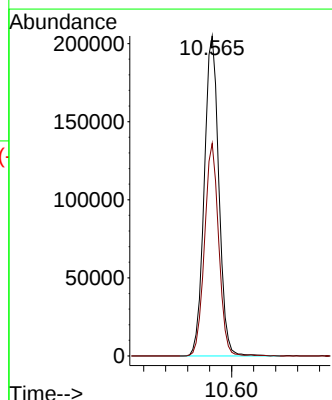
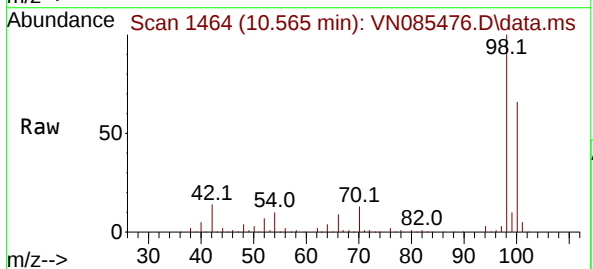
Instrument :
MSVOA_N
ClientSampleId :

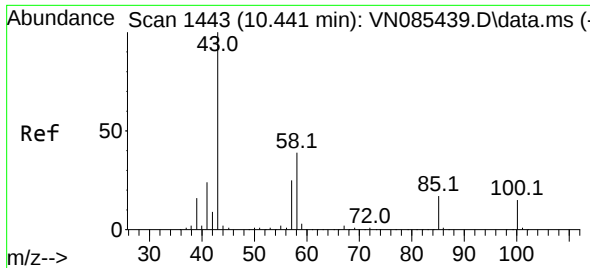
Tgt Ion: 43 Resp: 1894
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 50.115 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085476.D
Acq: 16 Jan 2025 17:44

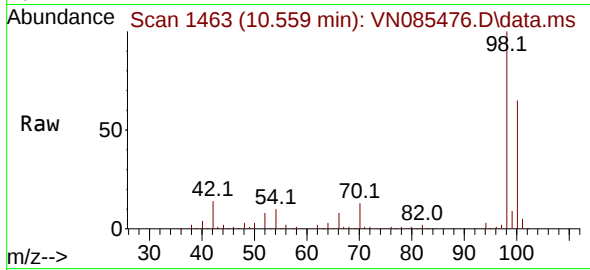
Tgt Ion: 98 Resp: 376841
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



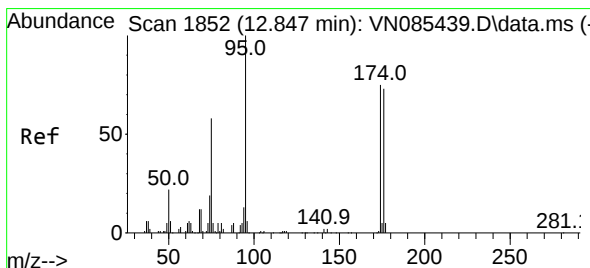
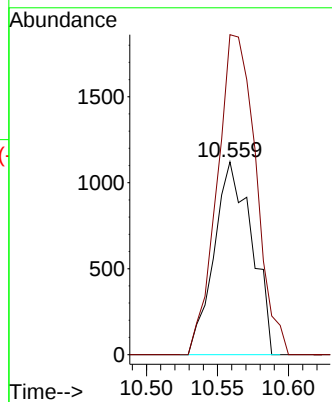
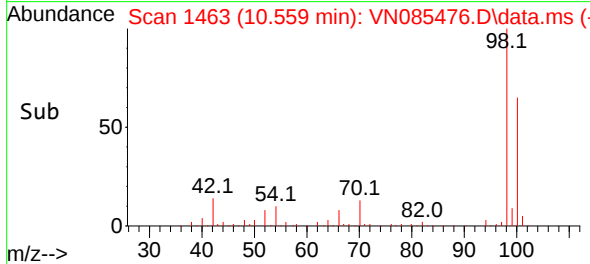


#51
4-Methyl-2-Pentanone
Concen: 0.743 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.118 min
Lab File: VN085476.D
Acq: 16 Jan 2025 17:44

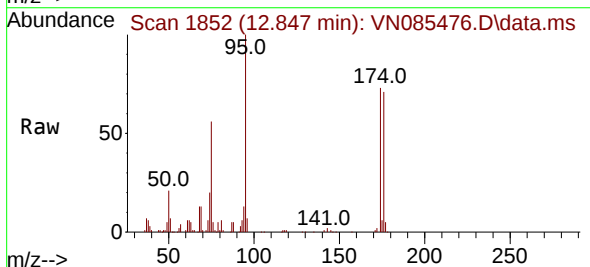
Instrument :
MSVOA_N
ClientSampleId :



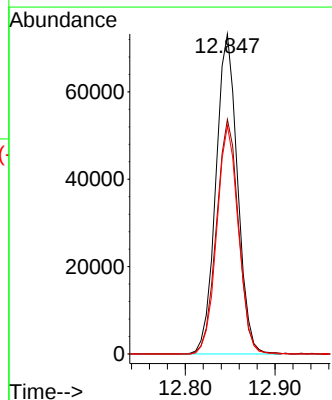
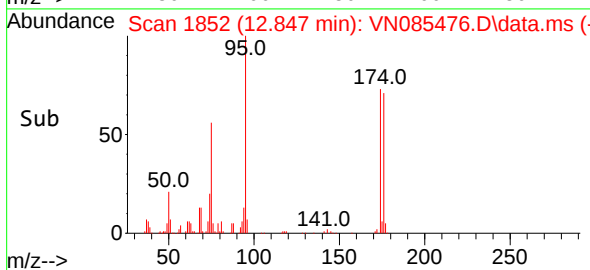
Tgt Ion: 43 Resp: 2072
Ion Ratio Lower Upper
43 100
58 170.6 30.5 45.7#

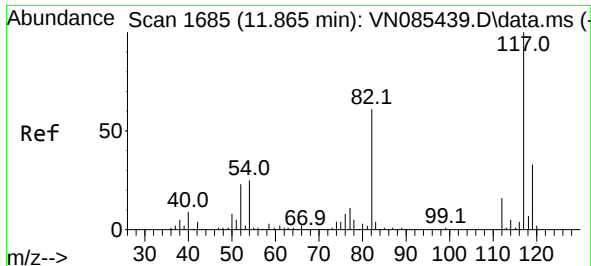


#62
4-Bromofluorobenzene
Concen: 47.594 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085476.D
Acq: 16 Jan 2025 17:44



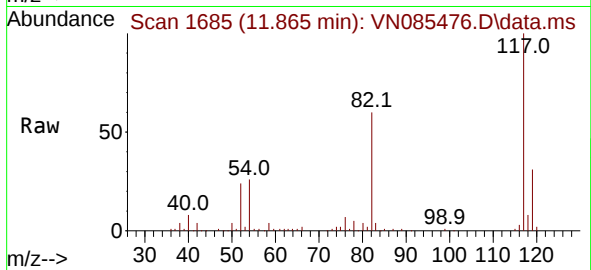
Tgt Ion: 95 Resp: 122424
Ion Ratio Lower Upper
95 100
174 74.8 0.0 145.0
176 71.3 0.0 142.4



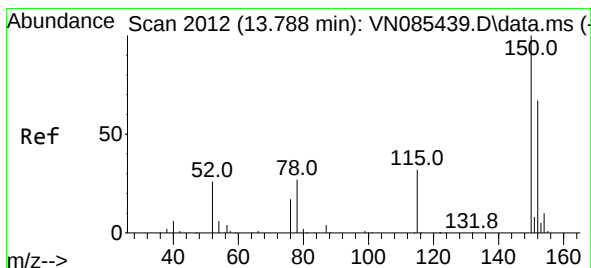
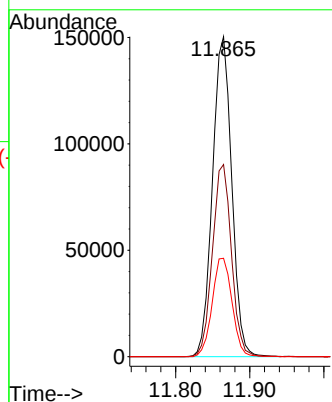
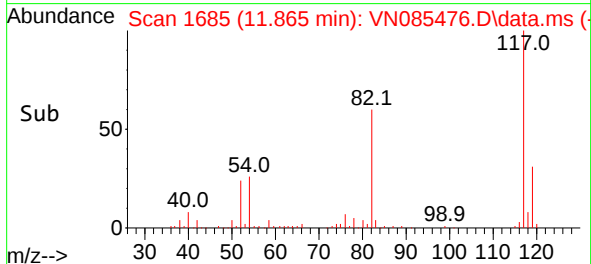


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085476.D
Acq: 16 Jan 2025 17:44

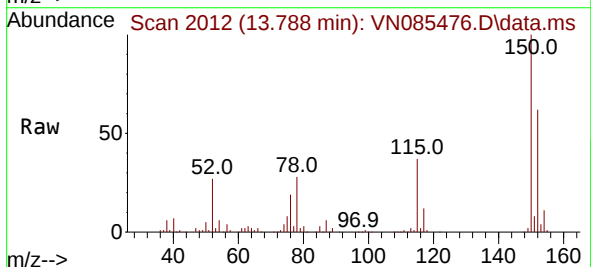
Instrument :
MSVOA_N
ClientSampleId :



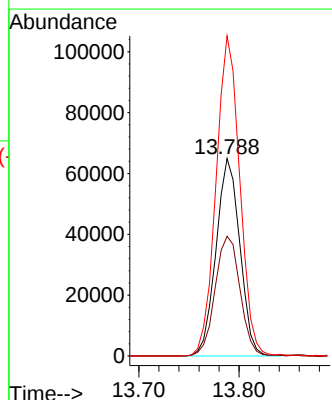
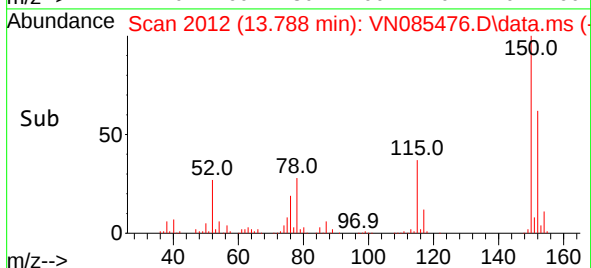
Tgt Ion:117 Resp: 270969
Ion Ratio Lower Upper
117 100
82 60.1 48.6 72.8
119 30.7 26.6 39.8

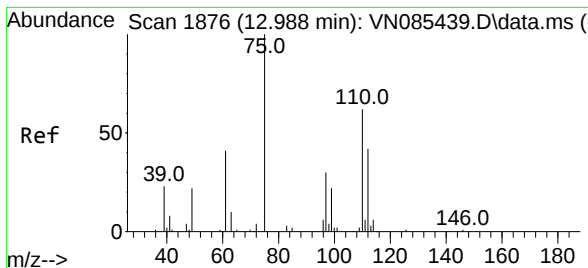


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085476.D
Acq: 16 Jan 2025 17:44



Tgt Ion:152 Resp: 106916
Ion Ratio Lower Upper
152 100
115 63.6 31.1 93.3
150 161.8 0.0 343.6





#76

1,2,3-Trichloropropane

Concen: 31.638 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN085476.D

Acq: 16 Jan 2025 17:44

Instrument :

MSVOA_N

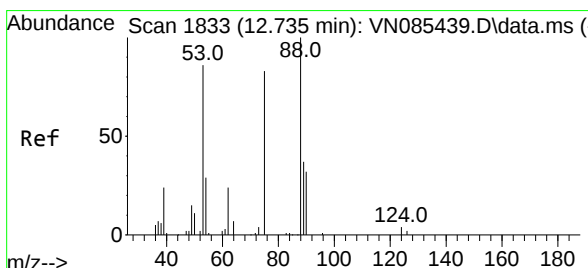
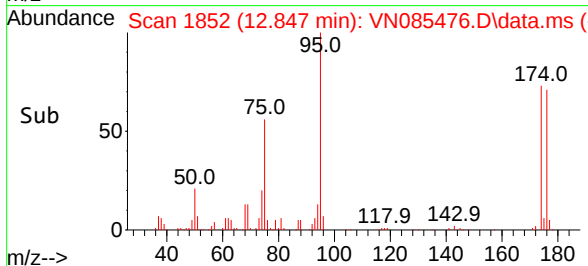
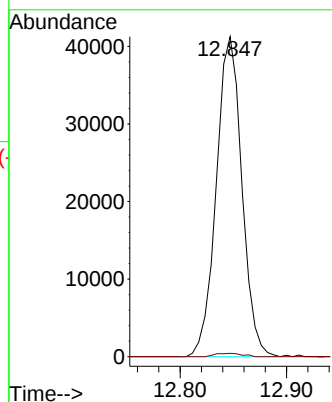
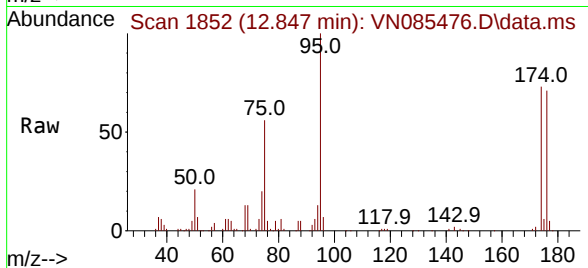
ClientSampleId :

Tgt Ion: 75 Resp: 68752

Ion Ratio Lower Upper

75 100

77 1.1 109.7 329.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.598 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN085476.D

Acq: 16 Jan 2025 17:44

Tgt Ion: 75 Resp: 68752

Ion Ratio Lower Upper

75 100

53 0.2 95.6 143.4#

89 0.0 37.0 55.6#

