

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
 Data File : VN085432.D
 Acq On : 13 Jan 2025 17:30
 Operator : JC\MD
 Sample : Q1062-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 13 17:46:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

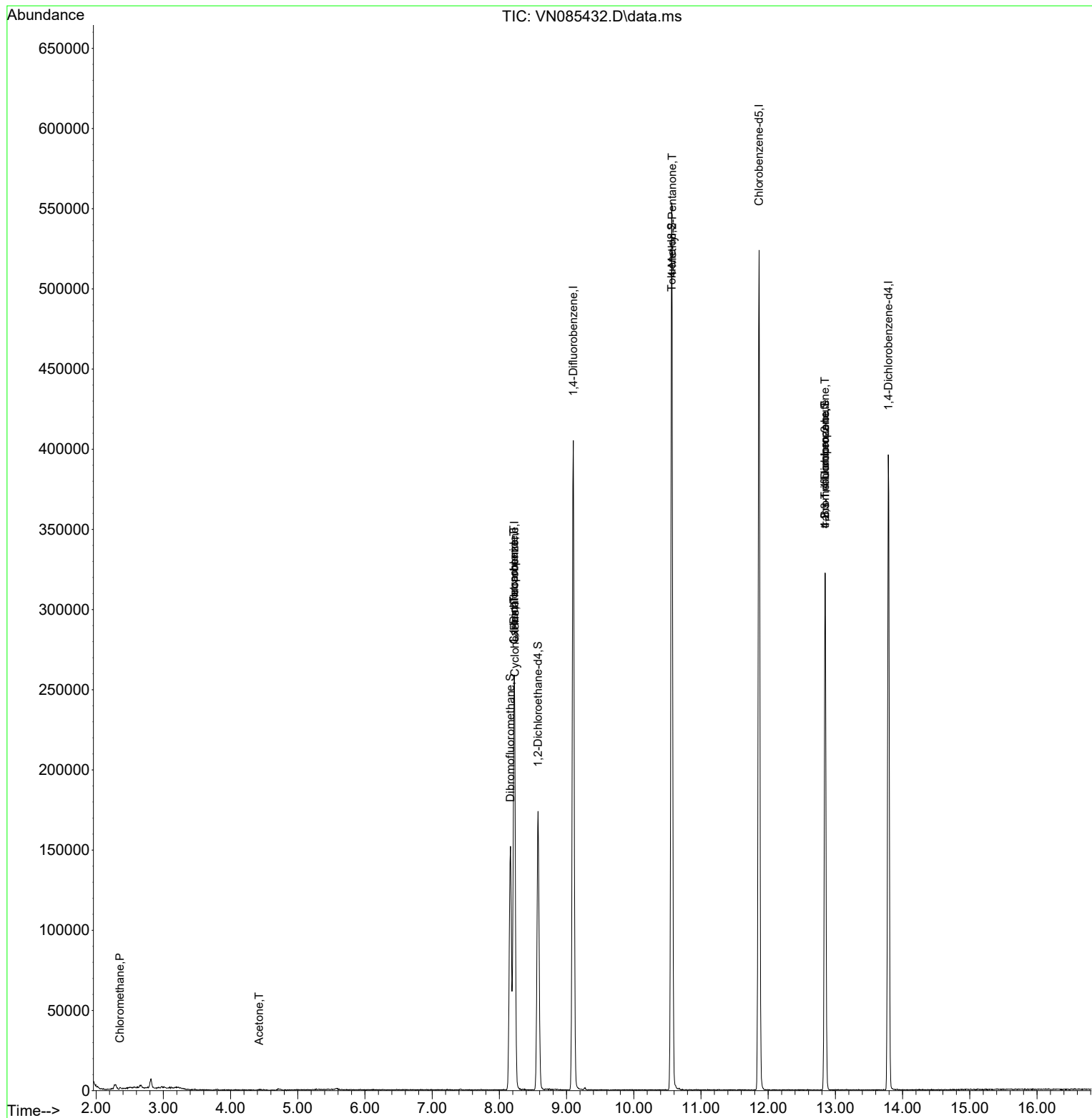
Internal Standards						
1) Pentafluorobenzene	8.224	168	174662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	144408	57.968	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	115.940%		
35) Dibromofluoromethane	8.165	113	107333	52.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.640%		
50) Toluene-d8	10.565	98	359238	48.175	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.360%		
62) 4-Bromofluorobenzene	12.847	95	104988	42.394	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	84.780%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	807	0.304	ug/l #	79
16) Acetone	4.424	43	389	0.475	ug/l #	44
31) Cyclohexane	8.229	56	5106	1.387	ug/l #	33
36) 1,1-Dichloropropene	8.218	75	17640	5.929	ug/l #	50
38) Carbon Tetrachloride	8.218	117	19796	6.104	ug/l #	15
51) 4-Methyl-2-Pentanone	10.570	43	1720	0.629	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	60522	31.731	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60522	75.991	ug/l #	10

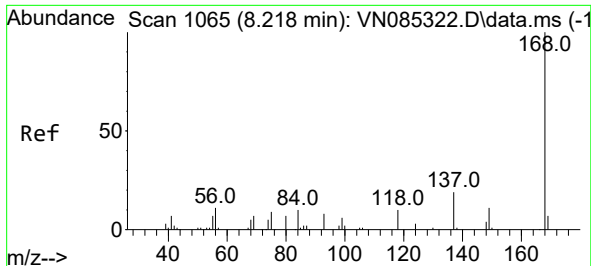
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampleId :

Quant Time: Jan 13 17:46:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration

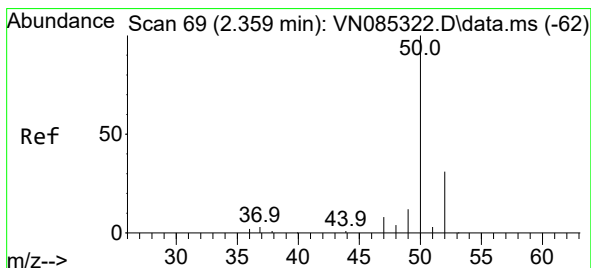
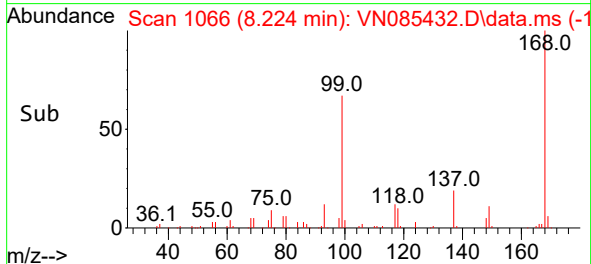
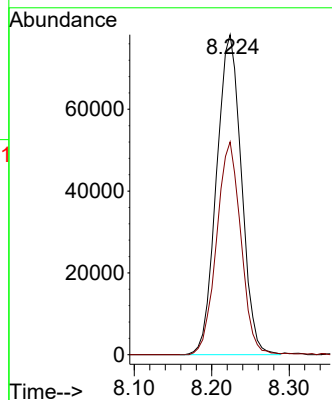
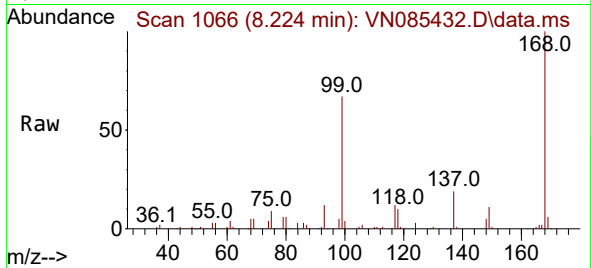




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

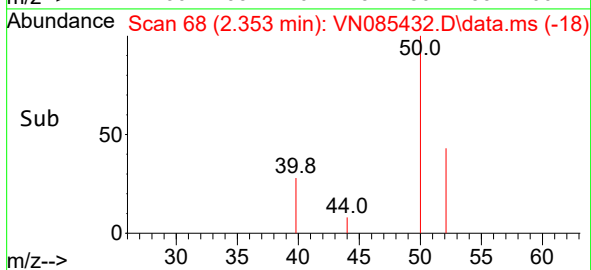
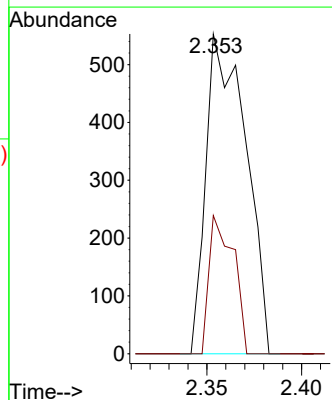
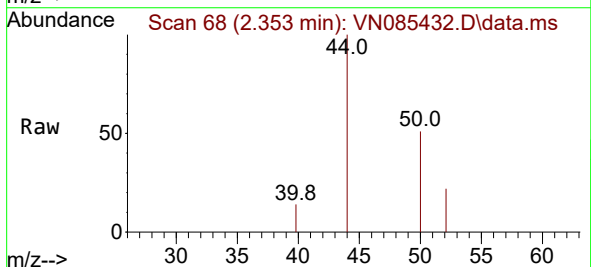
Instrument :
MSVOA_N
ClientSampleId :

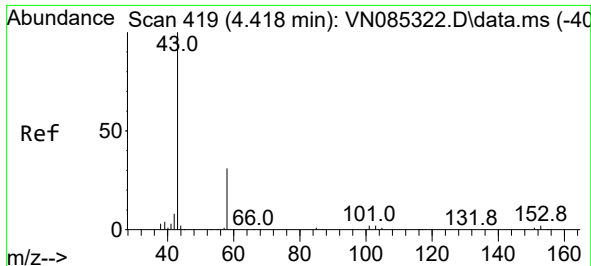
Tgt Ion:168 Resp: 174662
Ion Ratio Lower Upper
168 100
99 66.5 51.0 76.4



#3
Chloromethane
Concen: 0.304 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

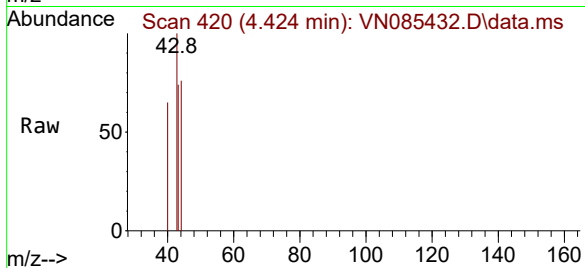
Tgt Ion: 50 Resp: 807
Ion Ratio Lower Upper
50 100
52 43.2 25.1 37.7#



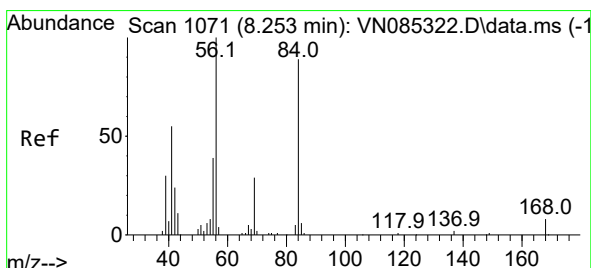
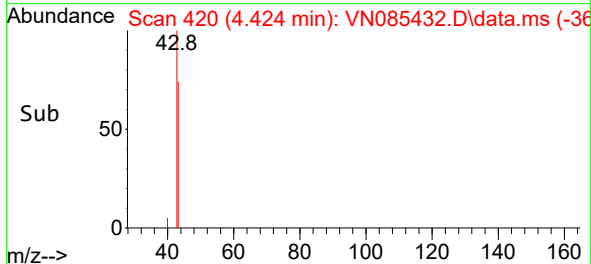
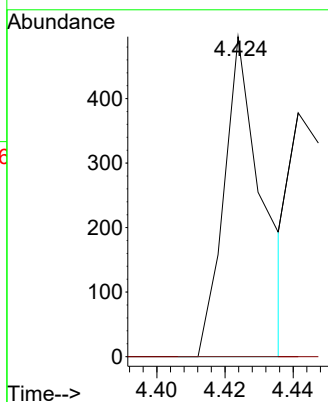


#16
Acetone
Concen: 0.475 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :

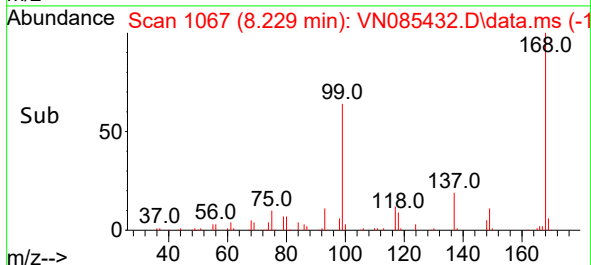
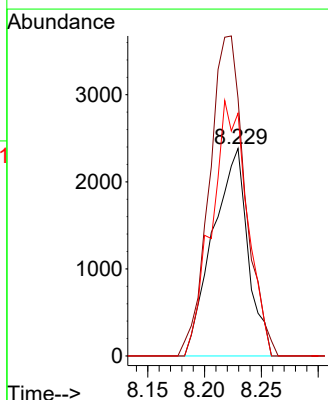
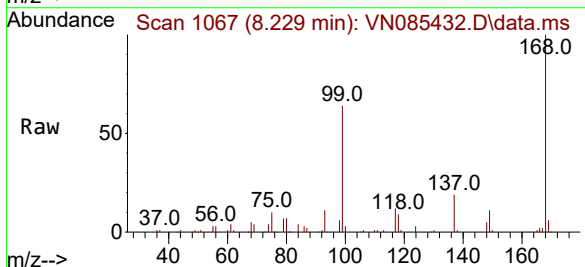


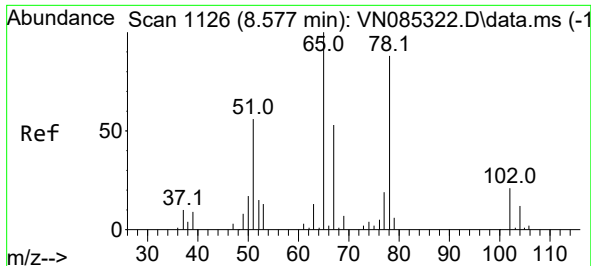
Tgt Ion: 43 Resp: 389
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.387 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

Tgt Ion: 56 Resp: 5106
Ion Ratio Lower Upper
56 100
69 124.2 23.4 35.0#
84 117.0 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 57.968 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN085432.D

Acq: 13 Jan 2025 17:30

Instrument :

MSVOA_N

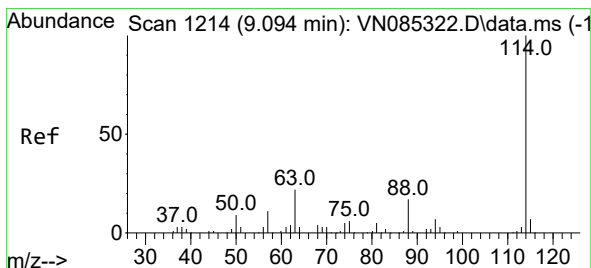
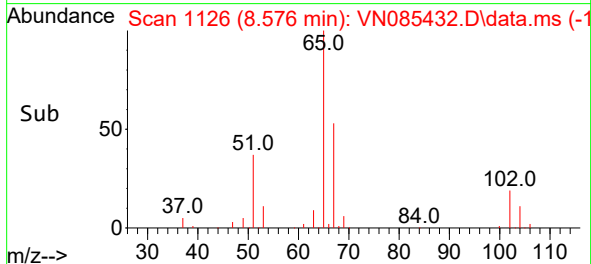
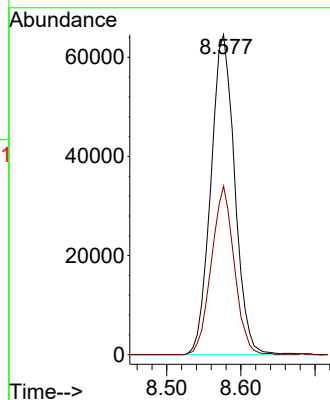
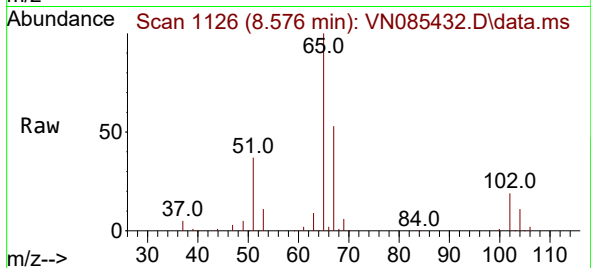
ClientSampleId :

Tgt Ion: 65 Resp: 144408

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085432.D

Acq: 13 Jan 2025 17:30

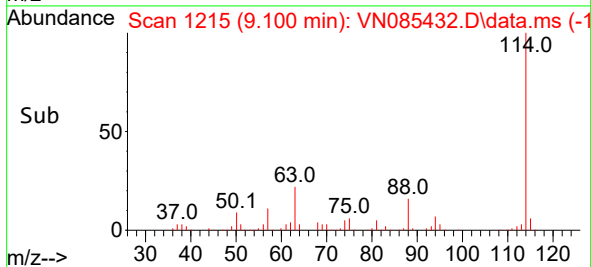
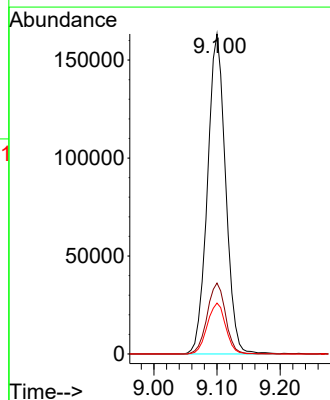
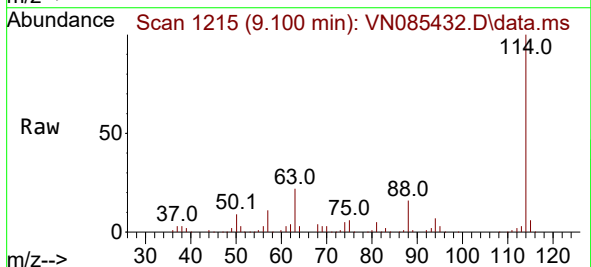
Tgt Ion: 114 Resp: 325733

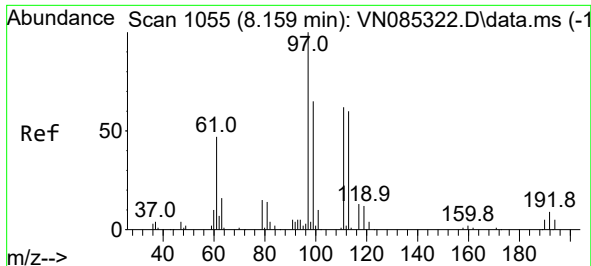
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

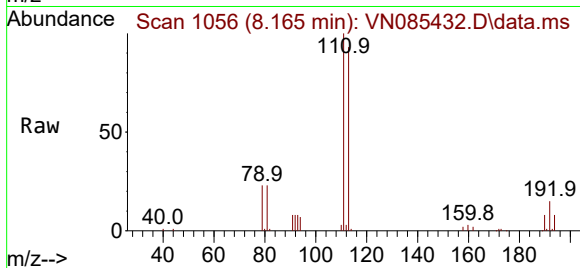
88 15.9 0.0 33.6



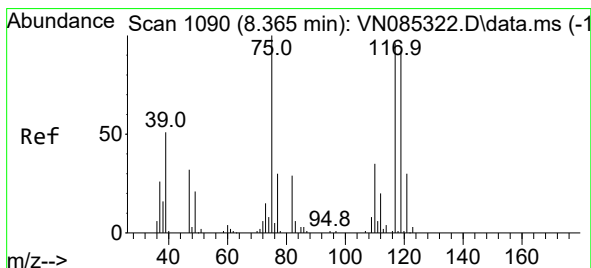
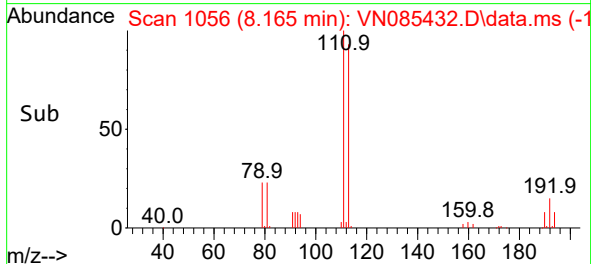
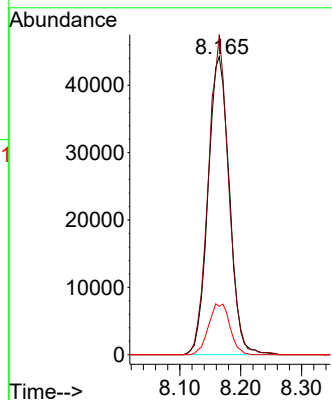


#35
Dibromofluoromethane
Concen: 52.819 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :

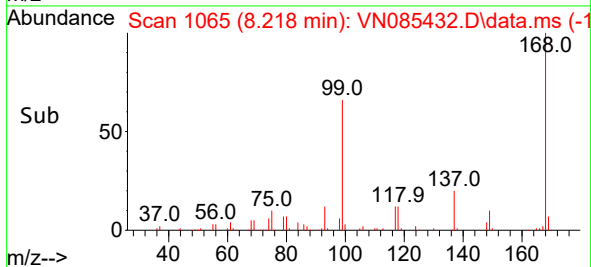
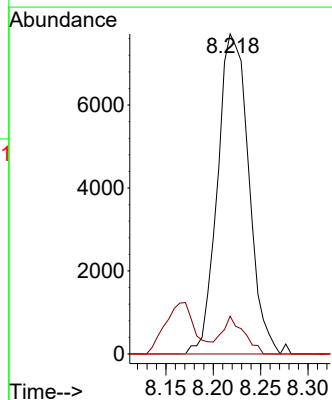
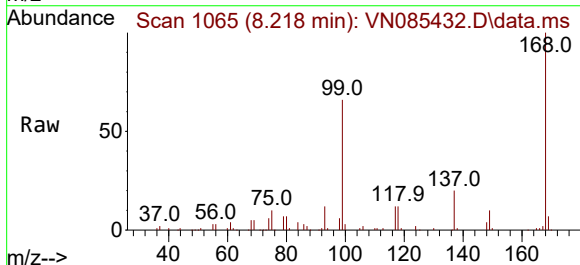


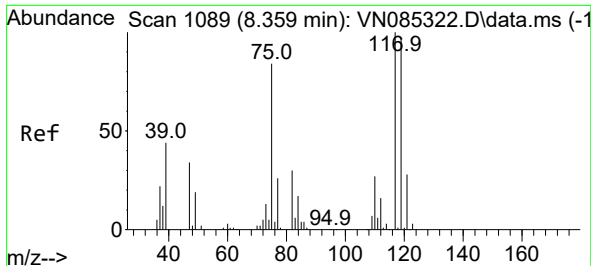
Tgt Ion:113 Resp: 107333
Ion Ratio Lower Upper
113 100
111 102.8 80.5 120.7
192 17.1 12.9 19.3



#36
1,1-Dichloropropene
Concen: 5.929 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

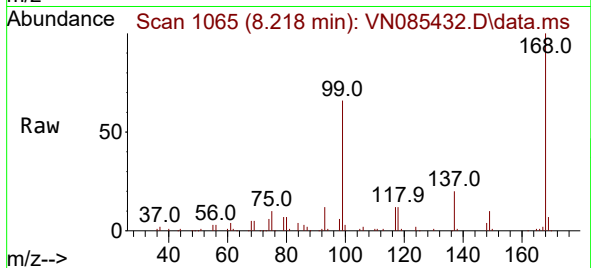
Tgt Ion: 75 Resp: 17640
Ion Ratio Lower Upper
75 100
110 8.2 16.6 49.8#
77 0.0 24.3 36.5#



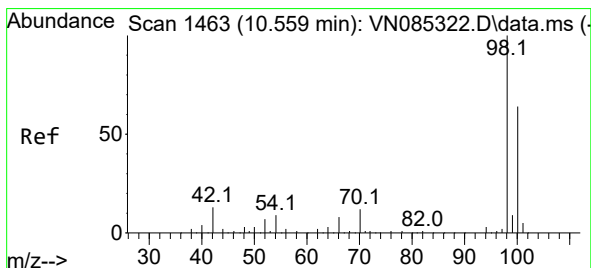
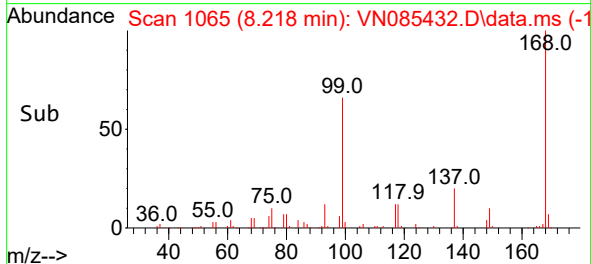
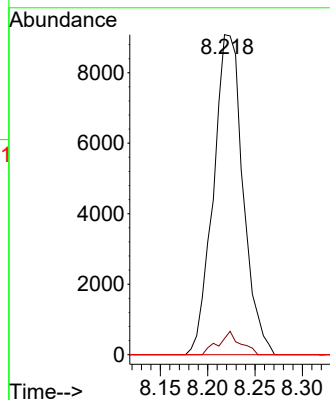


#38
Carbon Tetrachloride
Concen: 6.104 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :

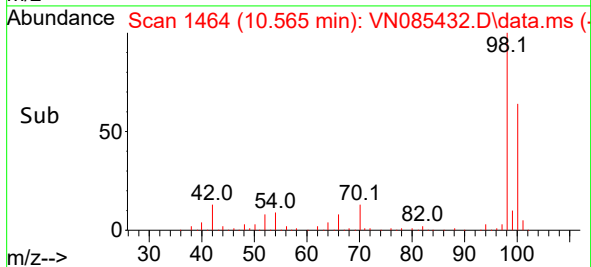
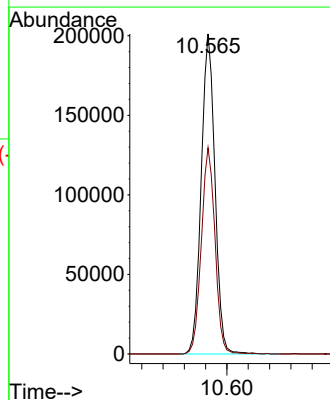
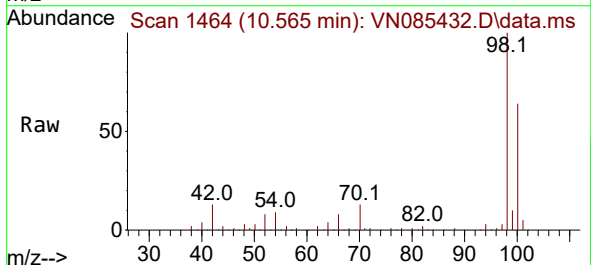


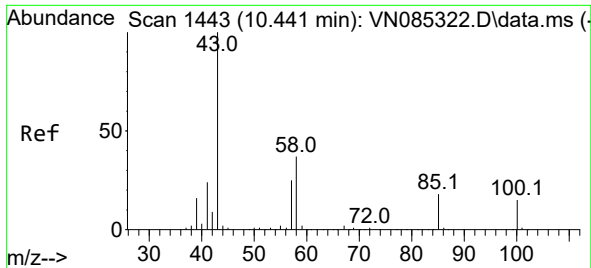
Tgt Ion:117 Resp: 19796
Ion Ratio Lower Upper
117 100
119 5.1 77.8 116.6#
121 0.0 22.5 33.7#



#50
Toluene-d8
Concen: 48.175 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

Tgt Ion: 98 Resp: 359238
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

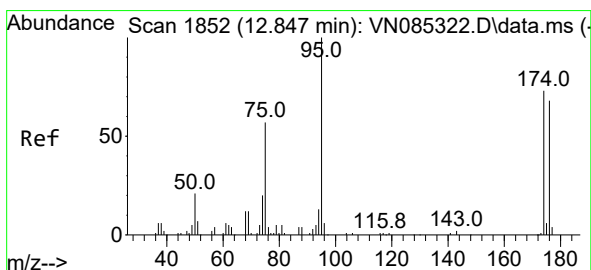
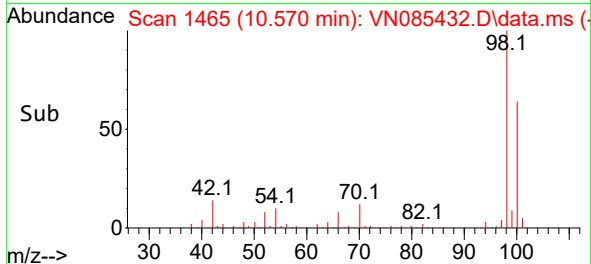
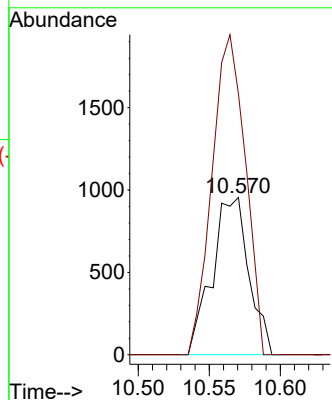
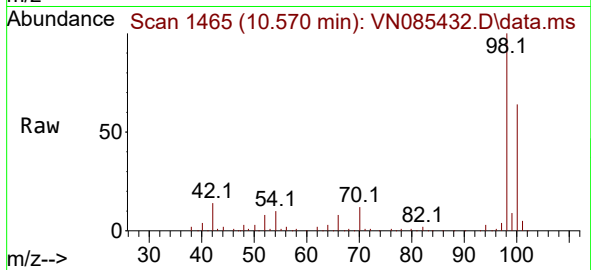




#51
4-Methyl-2-Pentanone
Concen: 0.629 ug/l
RT: 10.570 min Scan# 1443
Delta R.T. 0.129 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

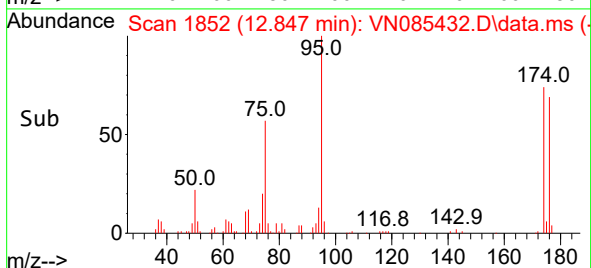
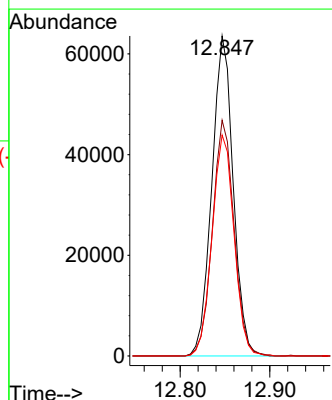
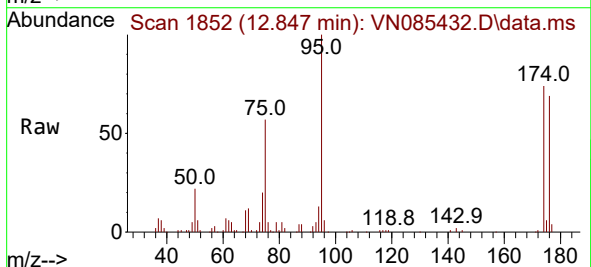
Instrument :
MSVOA_N
ClientSampleId :

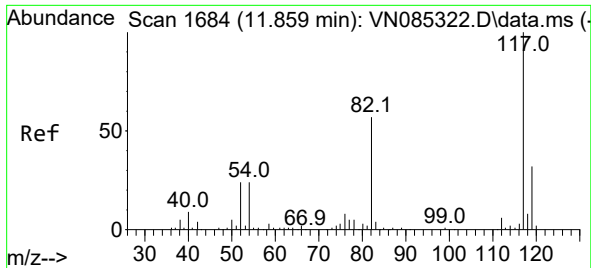
Tgt Ion: 43 Resp: 1720
Ion Ratio Lower Upper
43 100
58 184.7 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 42.394 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

Tgt Ion: 95 Resp: 104988
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.2
176 71.1 0.0 135.8

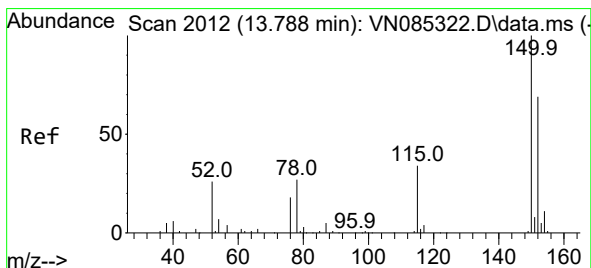
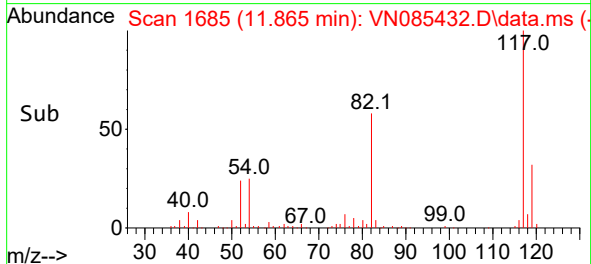
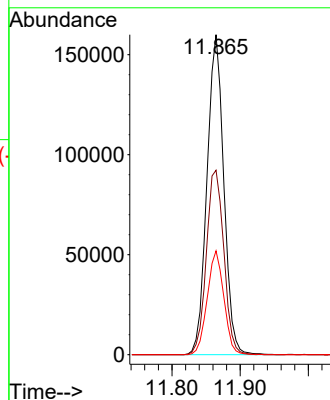
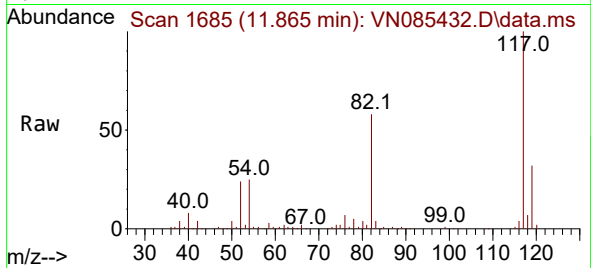




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

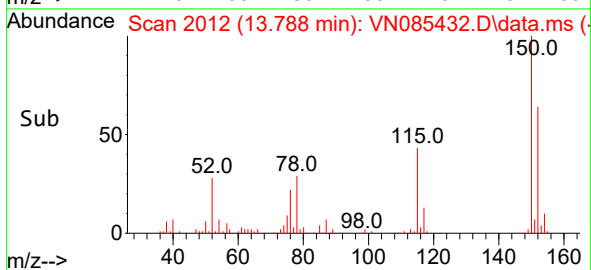
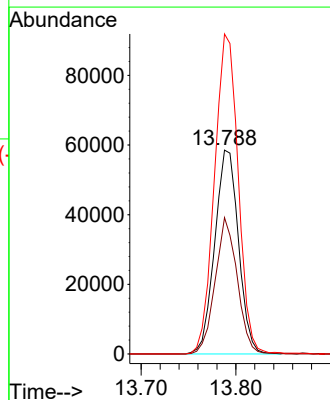
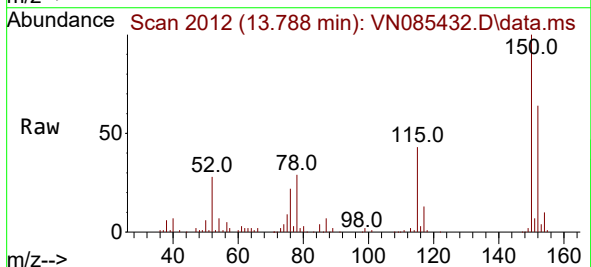
Instrument :
MSVOA_N
ClientSampleId :

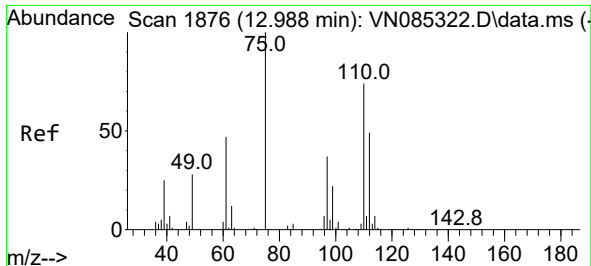
Tgt Ion:117 Resp: 274916
Ion Ratio Lower Upper
117 100
82 57.7 45.7 68.5
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

Tgt Ion:152 Resp: 102139
Ion Ratio Lower Upper
152 100
115 62.2 30.4 91.3
150 156.9 0.0 345.0

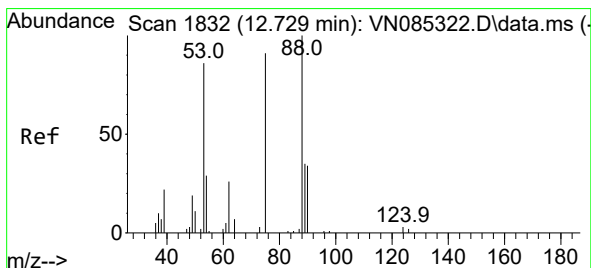
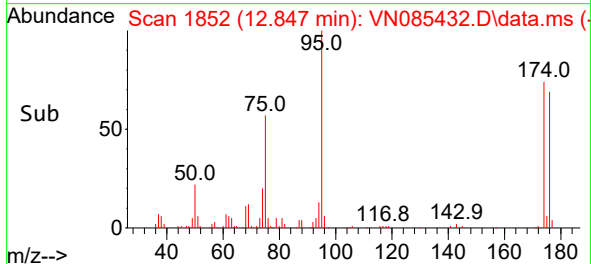
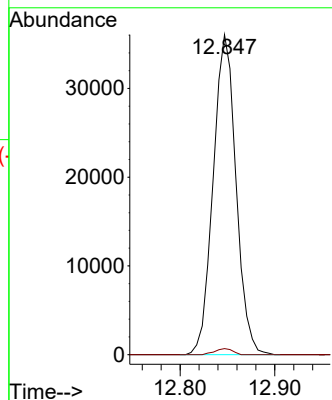
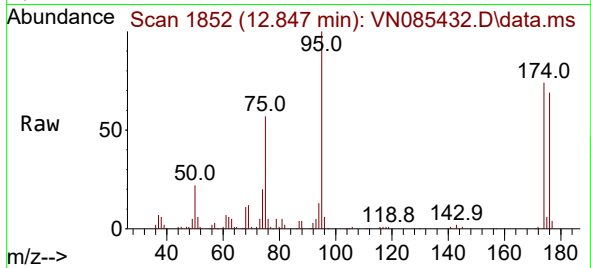




#76
1,2,3-Trichloropropane
Concen: 31.731 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 60522
Ion Ratio Lower Upper
75 100
77 1.5 98.1 294.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.991 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

Tgt Ion: 75 Resp: 60522
Ion Ratio Lower Upper
75 100
53 0.1 80.0 120.0#
89 0.0 35.8 53.8#

