

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085485.D
 Acq On : 17 Jan 2025 12:01
 Operator : JC\MD
 Sample : Q1060-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 17 22:33:11 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)

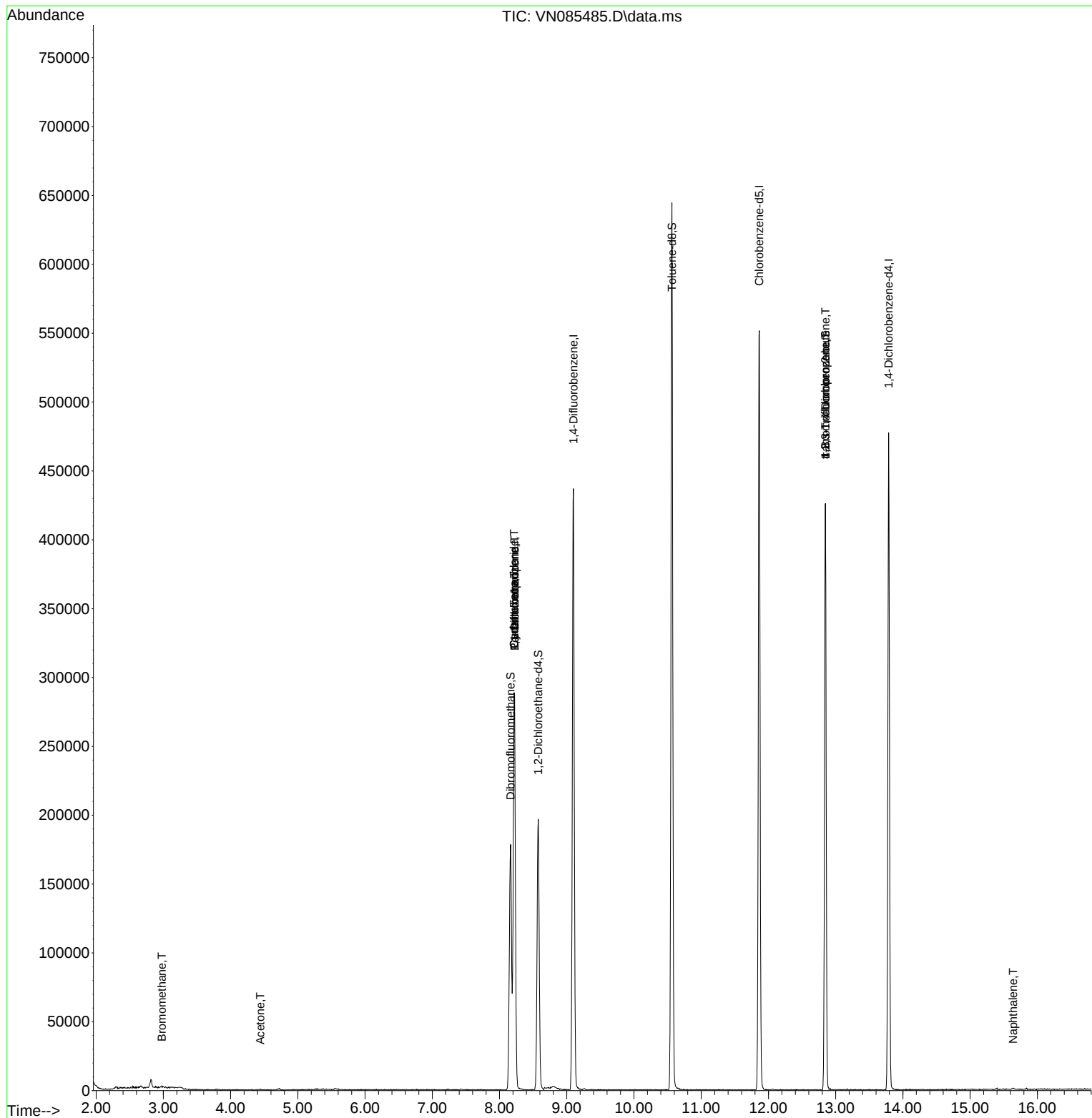
Internal Standards						
1) Pentafluorobenzene	8.224	168	197313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	354583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	166051	52.135	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.260%	
35) Dibromofluoromethane	8.165	113	124851	50.754	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.500%	
50) Toluene-d8	10.565	98	430229	49.225	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.440%	
62) 4-Bromofluorobenzene	12.847	95	138549	46.341	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	632	0.360	ug/l #	38
16) Acetone	4.442	43	579	0.563	ug/l #	45
31) Cyclohexane	8.218	56	5348	1.323	ug/l #	21
36) 1,1-Dichloropropene	8.224	75	18676	5.409	ug/l #	49
38) Carbon Tetrachloride	8.218	117	22009	5.568	ug/l #	17
76) 1,2,3-Trichloropropane	12.847	75	80516	32.473	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	80516	87.859	ug/l #	3
95) Naphthalene	15.641	128	1523	0.278	ug/l #	73

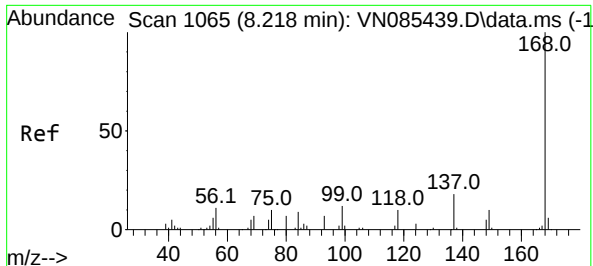
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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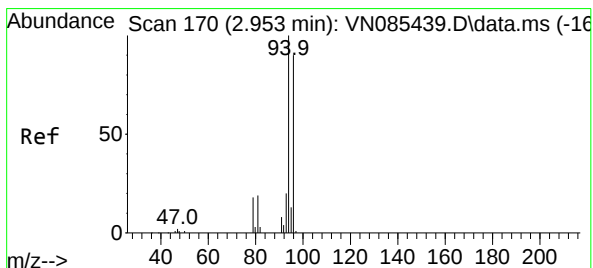
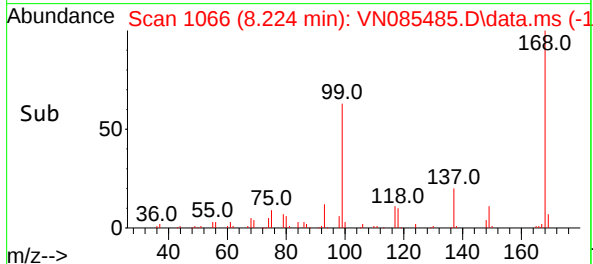
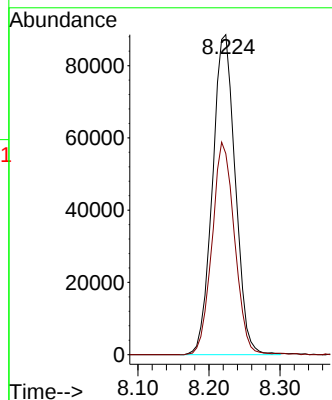
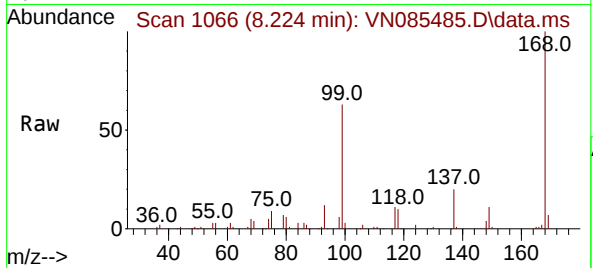




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN085485.D
Acq: 17 Jan 2025 12:01

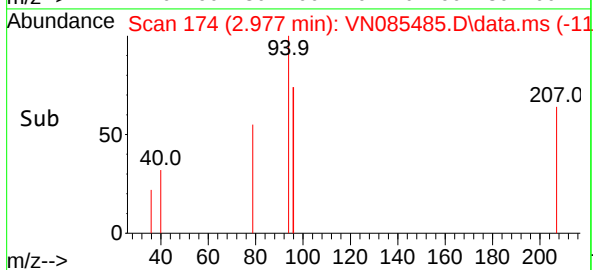
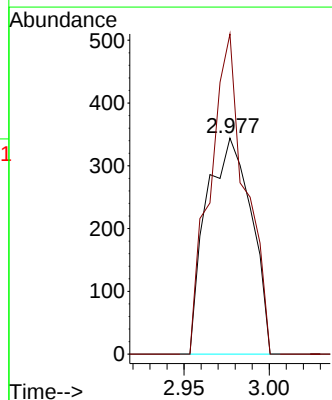
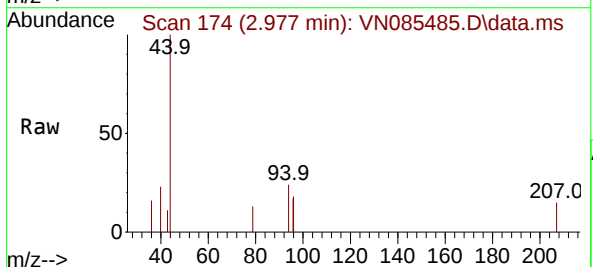
Instrument :
MSVOA_N
ClientSampleId :
IBLK

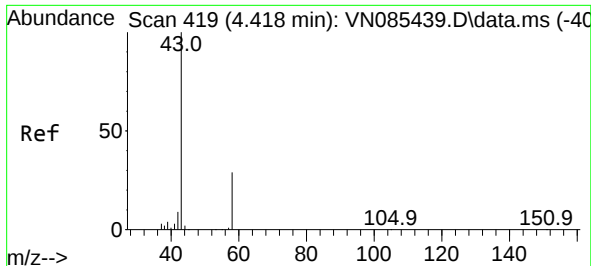
Tgt Ion:168 Resp: 197313
Ion Ratio Lower Upper
168 100
99 62.8 53.6 80.4



#5
Bromomethane
Concen: 0.360 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.024 min
Lab File: VN085485.D
Acq: 17 Jan 2025 12:01

Tgt Ion: 94 Resp: 632
Ion Ratio Lower Upper
94 100
96 148.3 71.8 107.6#

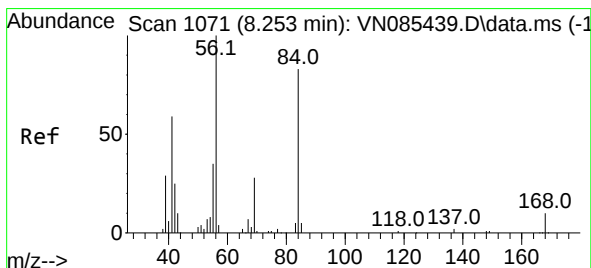
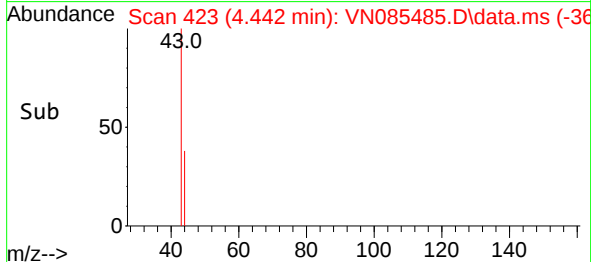
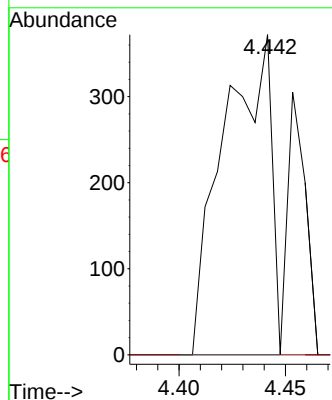
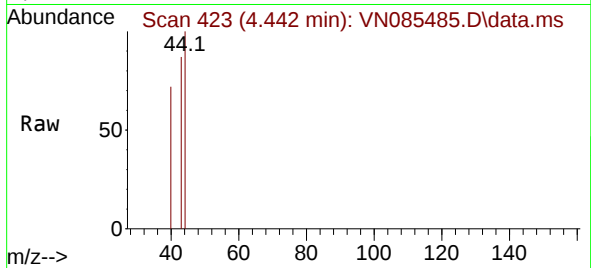




#16
Acetone
Concen: 0.563 ug/l
RT: 4.442 min Scan# 419
Delta R.T. 0.024 min
Lab File: VN085485.D
Acq: 17 Jan 2025 12:01

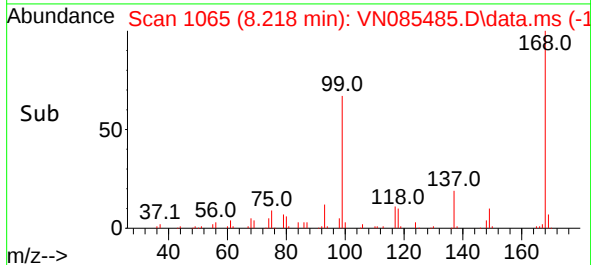
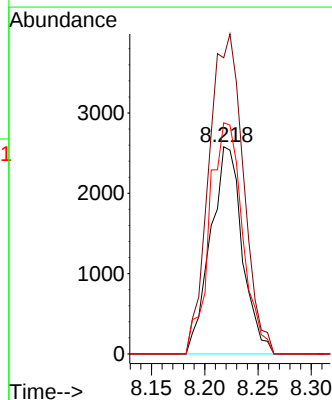
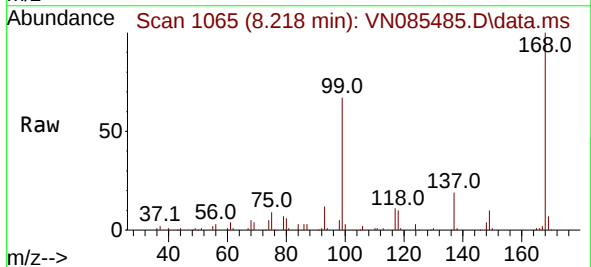
Instrument :
MSVOA_N
ClientSampleId :
IBLK

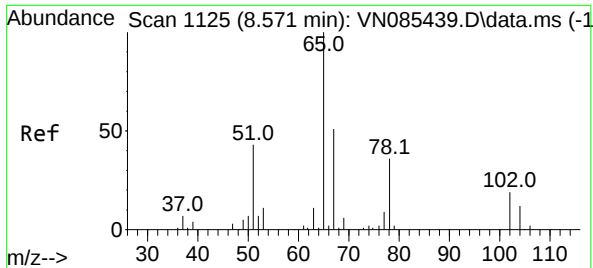
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.323 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085485.D
Acq: 17 Jan 2025 12:01

Tgt Ion: 56 Resp: 5348
Ion Ratio Lower Upper
56 100
69 143.0 22.2 33.4#
84 111.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 52.135 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085485.D

Acq: 17 Jan 2025 12:01

Instrument :

MSVOA_N

ClientSampleId :

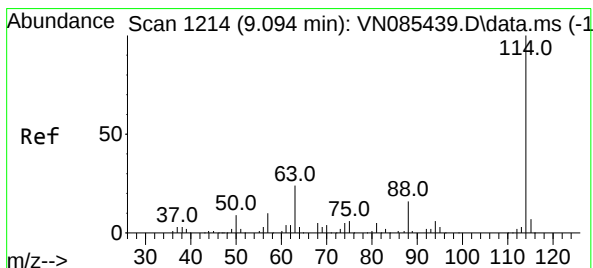
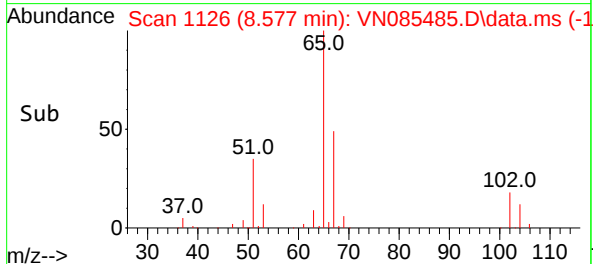
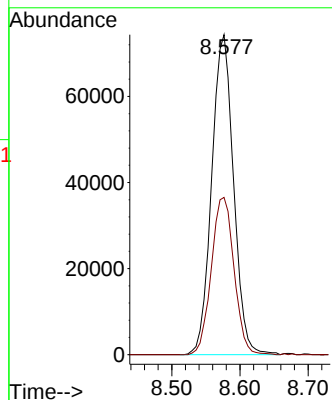
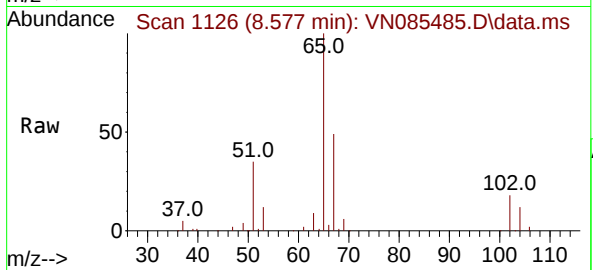
IBLK

Tgt Ion: 65 Resp: 166051

Ion Ratio Lower Upper

65 100

67 51.0 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: VN085485.D

Acq: 17 Jan 2025 12:01

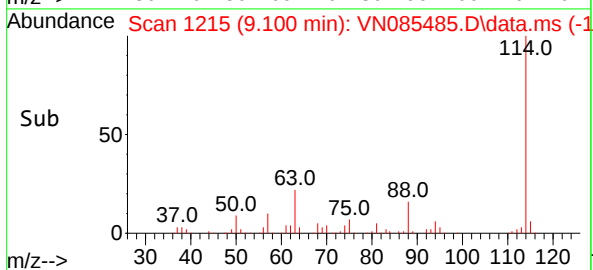
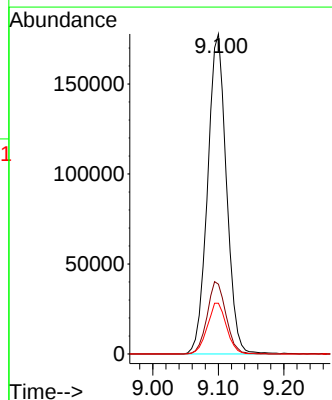
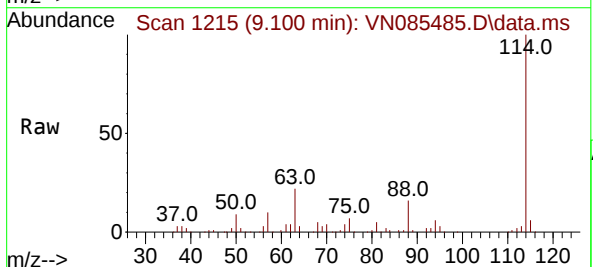
Tgt Ion: 114 Resp: 354583

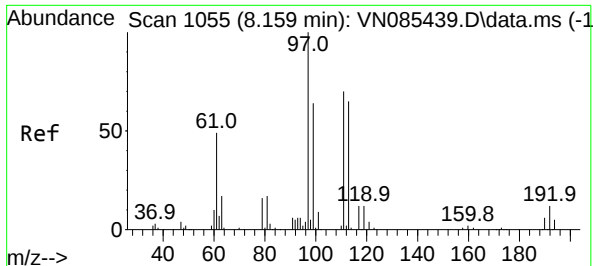
Ion Ratio Lower Upper

114 100

63 21.8 0.0 47.6

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.754 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085485.D

Acq: 17 Jan 2025 12:01

Instrument :

MSVOA_N

ClientSampleId :

IBLK

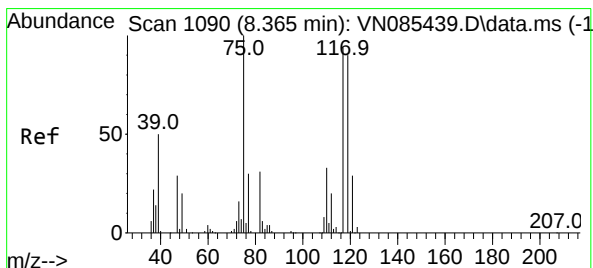
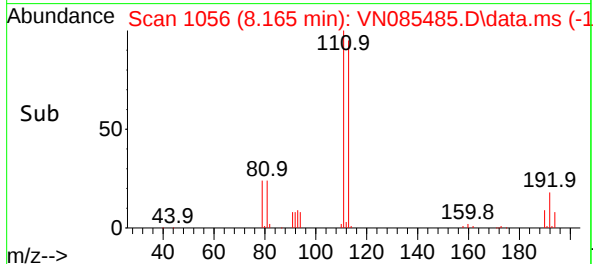
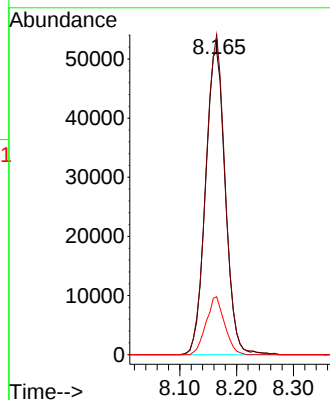
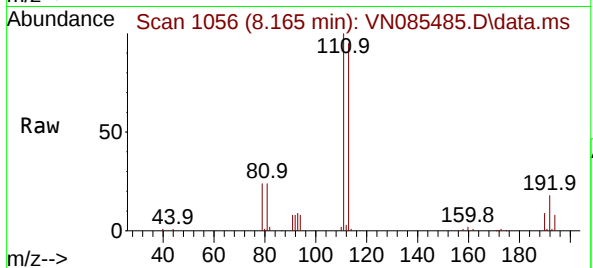
Tgt Ion:113 Resp: 124851

Ion Ratio Lower Upper

113 100

111 102.2 82.7 124.1

192 17.7 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.409 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085485.D

Acq: 17 Jan 2025 12:01

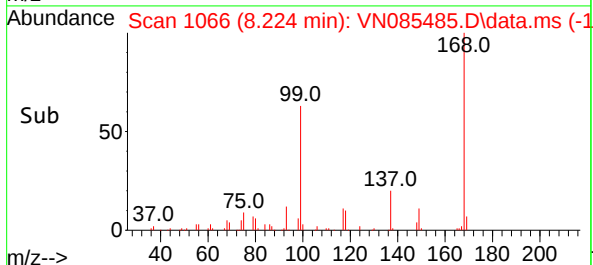
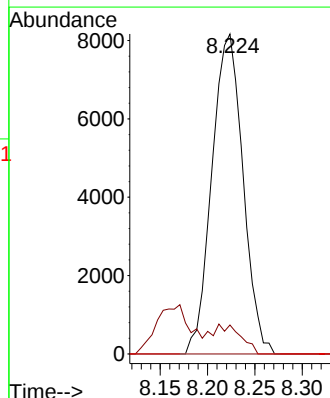
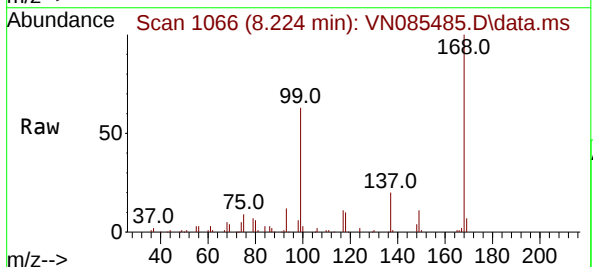
Tgt Ion: 75 Resp: 18676

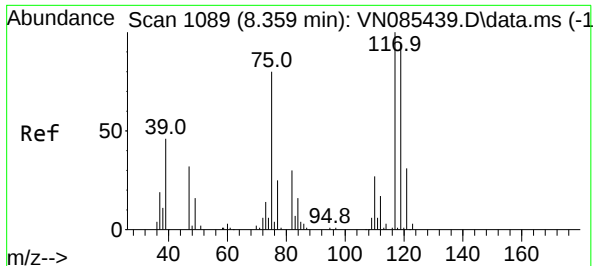
Ion Ratio Lower Upper

75 100

110 6.9 16.5 49.5#

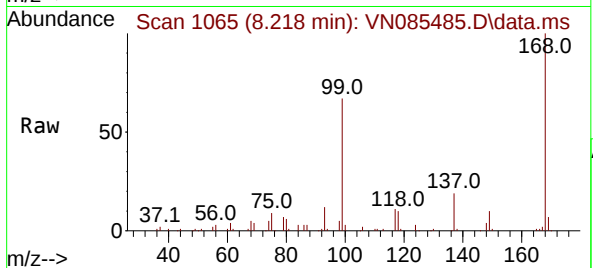
77 0.0 24.4 36.6#



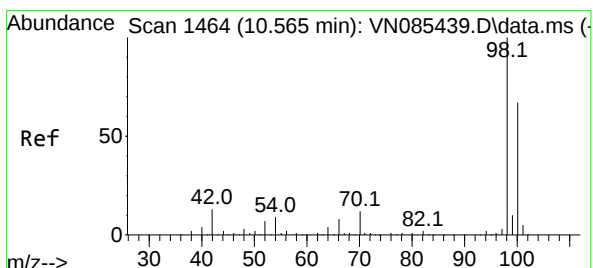
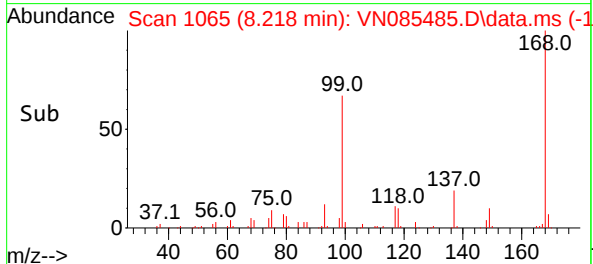
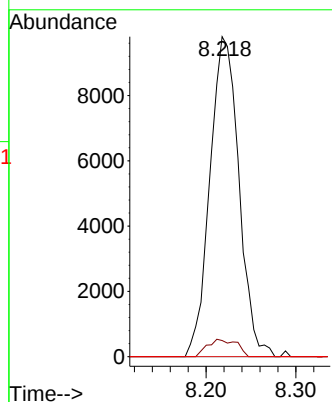


#38
Carbon Tetrachloride
Concen: 5.568 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085485.D
Acq: 17 Jan 2025 12:01

Instrument :
MSVOA_N
ClientSampleId :
IBLK

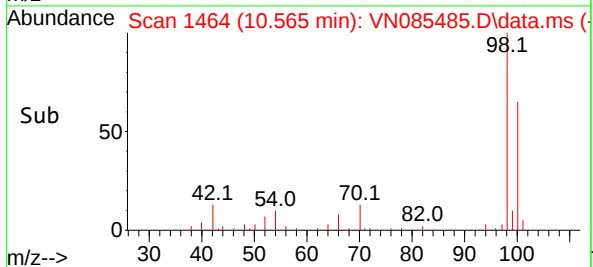
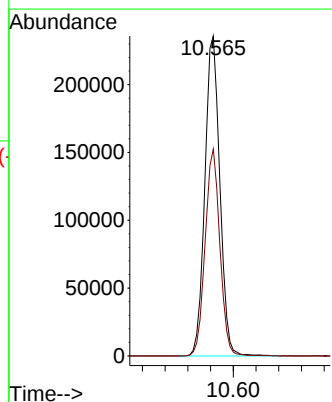
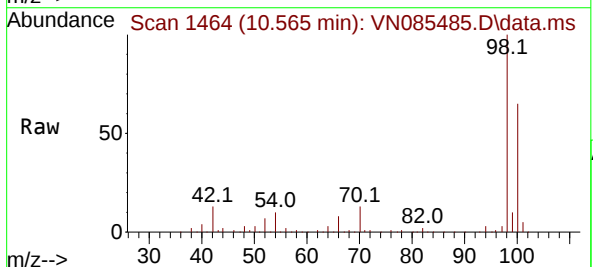


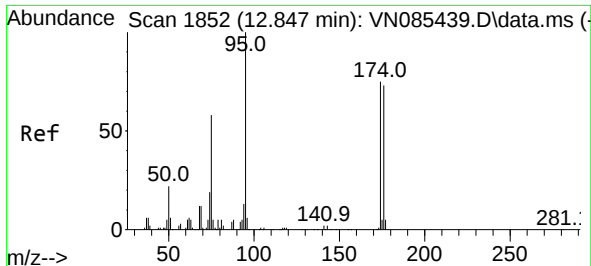
Tgt Ion:117 Resp: 22009
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 49.225 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085485.D
Acq: 17 Jan 2025 12:01

Tgt Ion: 98 Resp: 430229
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.4

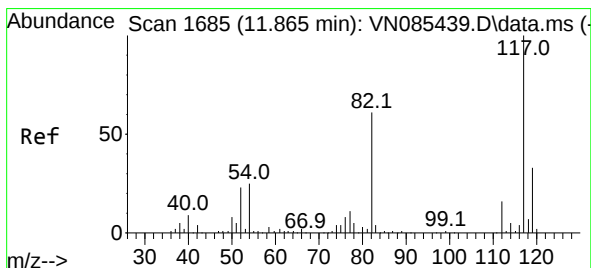
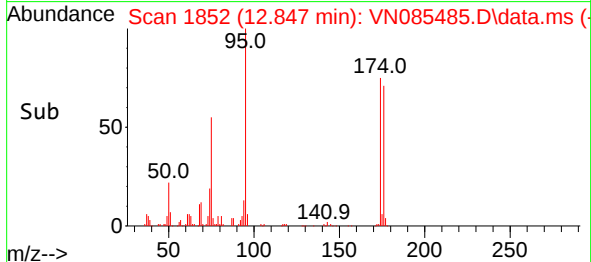
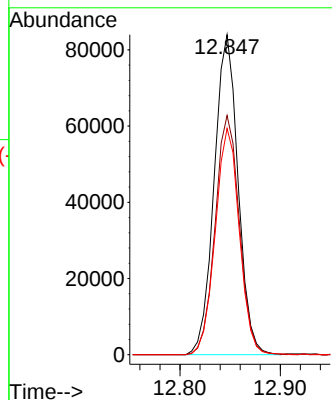
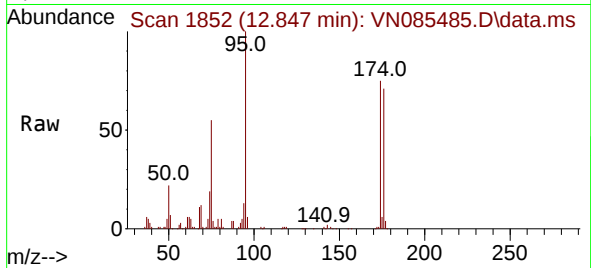




#62
4-Bromofluorobenzene
Concen: 46.341 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085485.D
Acq: 17 Jan 2025 12:01

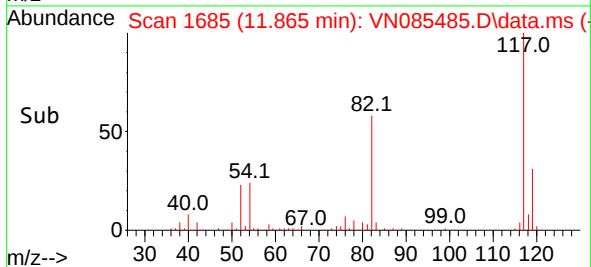
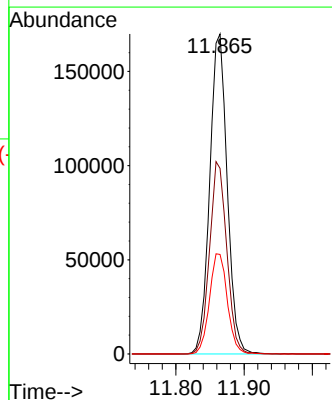
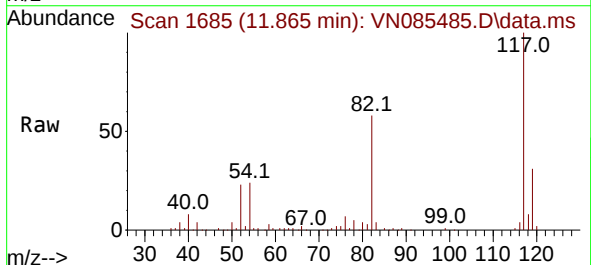
Instrument :
MSVOA_N
ClientSampleId :
IBLK

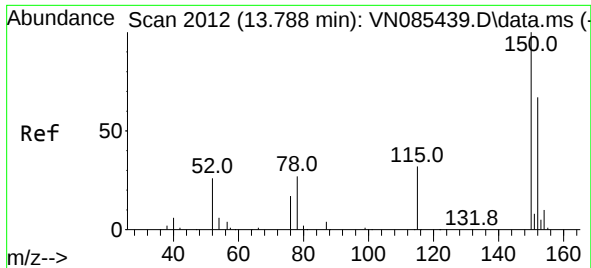
Tgt Ion: 95 Resp: 138549
Ion Ratio Lower Upper
95 100
174 76.0 0.0 145.0
176 71.3 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085485.D
Acq: 17 Jan 2025 12:01

Tgt Ion: 117 Resp: 303087
Ion Ratio Lower Upper
117 100
82 58.0 48.6 72.8
119 31.1 26.6 39.8

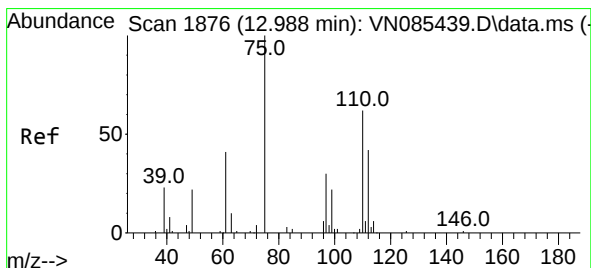
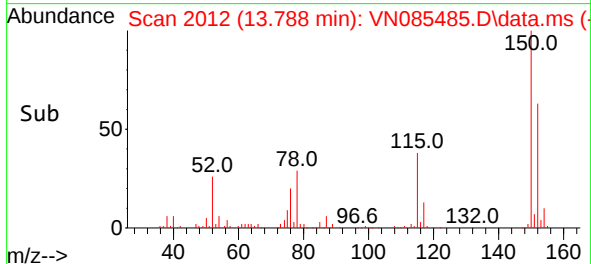
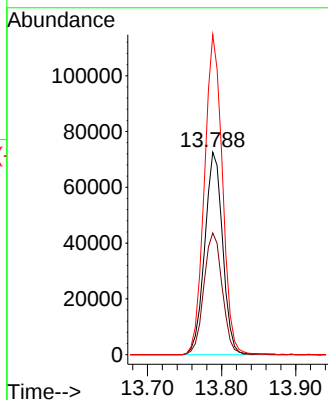
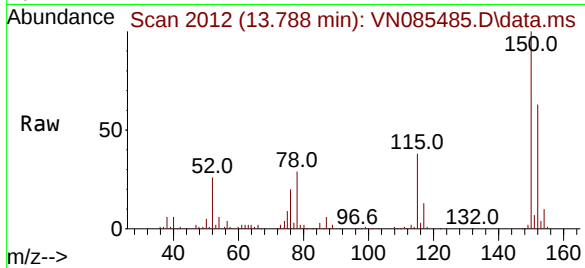




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085485.D
 Acq: 17 Jan 2025 12:01

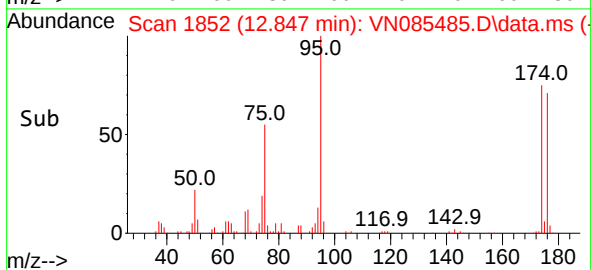
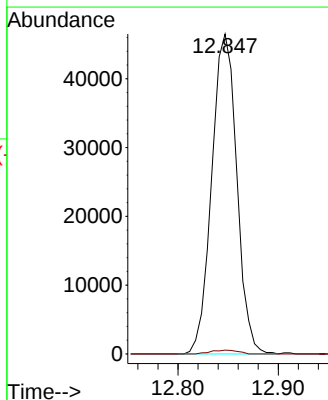
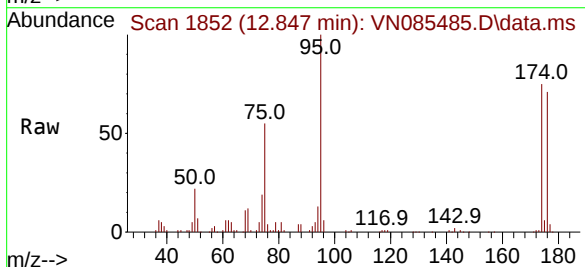
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

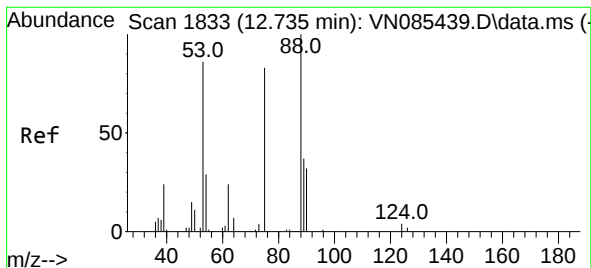
Tgt Ion:152 Resp: 121988
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.1 93.3
 150 158.1 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 32.473 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085485.D
 Acq: 17 Jan 2025 12:01

Tgt Ion: 75 Resp: 80516
 Ion Ratio Lower Upper
 75 100
 77 1.3 109.7 329.2#

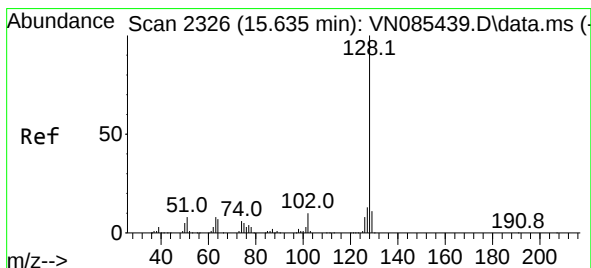
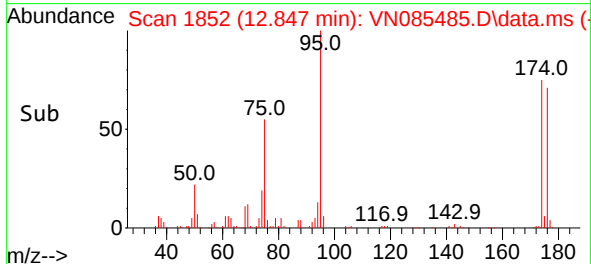
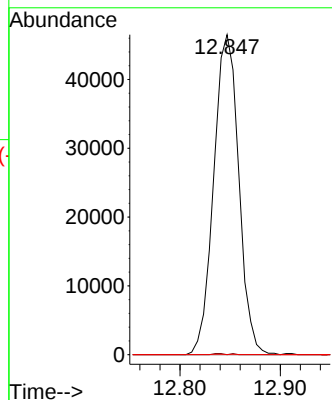
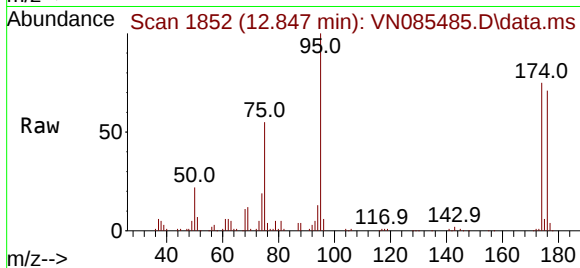




#81
trans-1,4-Dichloro-2-butene
Concen: 87.859 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085485.D
Acq: 17 Jan 2025 12:01

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 80516
Ion Ratio Lower Upper
75 100
53 0.2 95.6 143.4#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 0.278 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085485.D
Acq: 17 Jan 2025 12:01

Tgt Ion: 128 Resp: 1523
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 3.5 8.8 13.2#

