

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
 Data File : VN085430.D
 Acq On : 13 Jan 2025 16:42
 Operator : JC\MD
 Sample : Q1062-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 13 17:22:21 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)

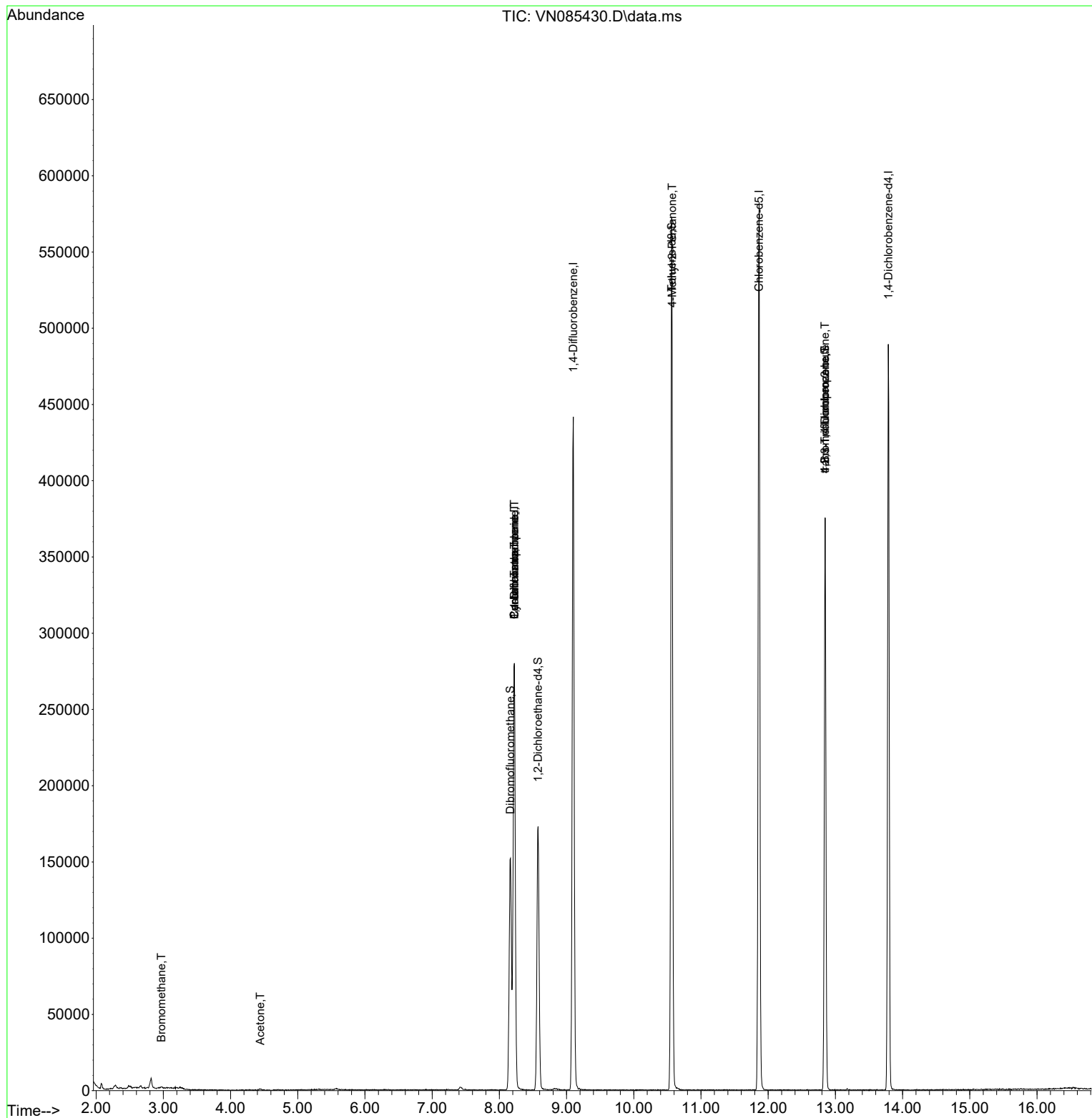
Internal Standards						
1) Pentafluorobenzene	8.224	168	188453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	351449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144609	53.800	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.600%		
35) Dibromofluoromethane	8.165	113	109324	49.862	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.720%		
50) Toluene-d8	10.565	98	369034	45.868	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 91.740%		
62) 4-Bromofluorobenzene	12.847	95	121616	45.515	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.020%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	421	0.212	ug/l	86
16) Acetone	4.442	43	1461	1.653	ug/l #	44
31) Cyclohexane	8.224	56	5155	1.298	ug/l #	18
36) 1,1-Dichloropropene	8.224	75	18162	5.658	ug/l #	50
38) Carbon Tetrachloride	8.224	117	22363	6.391	ug/l #	15
51) 4-Methyl-2-Pentanone	10.571	43	1989	0.674	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	68110	29.261	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68110	70.076	ug/l #	10

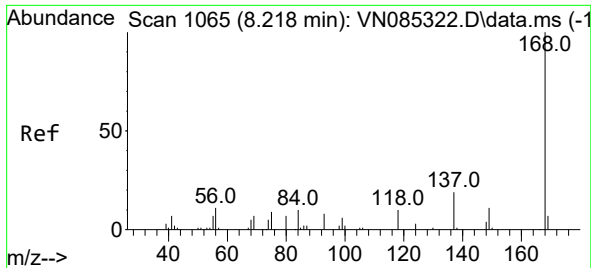
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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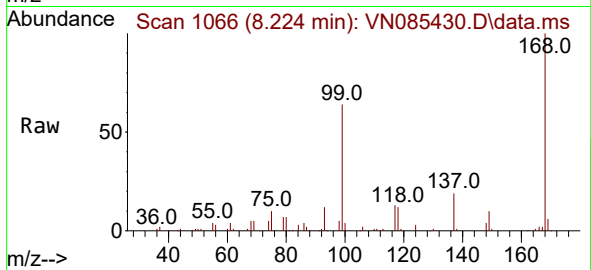
Quant Time: Jan 13 17:22:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration



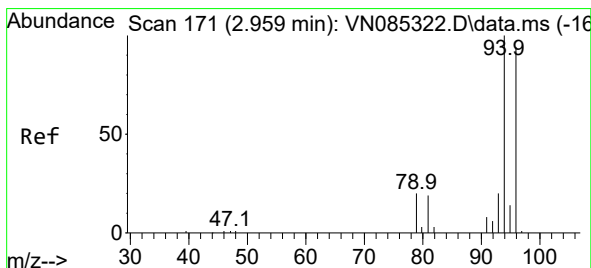
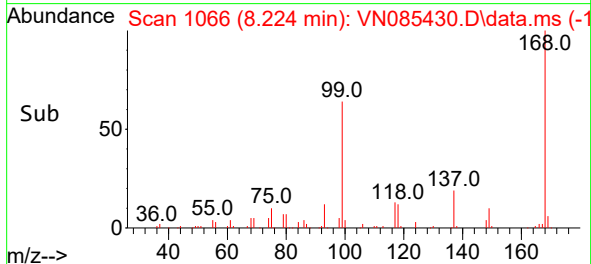
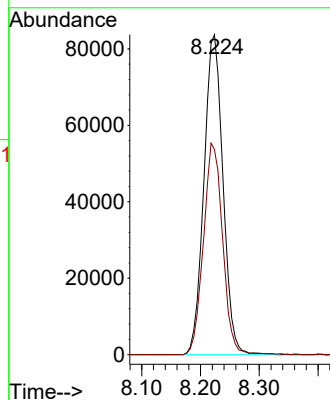


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085430.D
Acq: 13 Jan 2025 16:42

Instrument :
MSVOA_N
ClientSampleId :

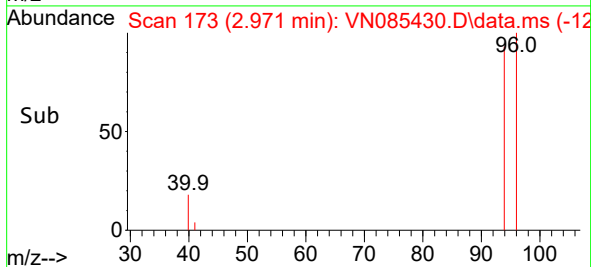
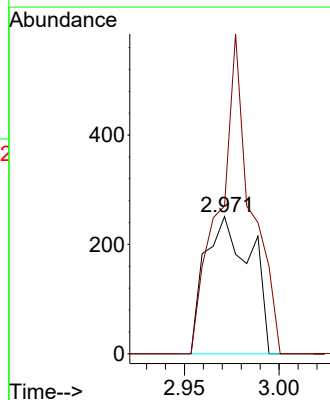
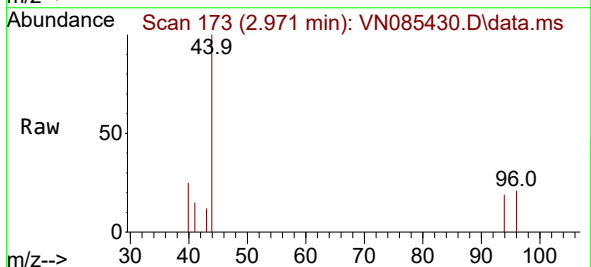


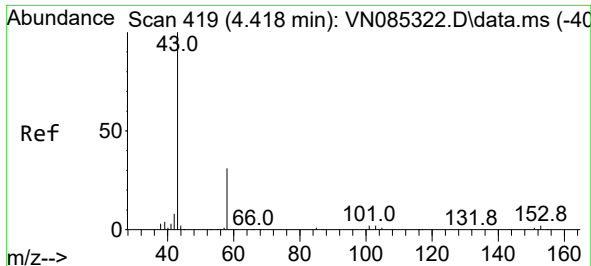
Tgt Ion:168 Resp: 188453
Ion Ratio Lower Upper
168 100
99 64.1 51.0 76.4



#5
Bromomethane
Concen: 0.212 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.012 min
Lab File: VN085430.D
Acq: 13 Jan 2025 16:42

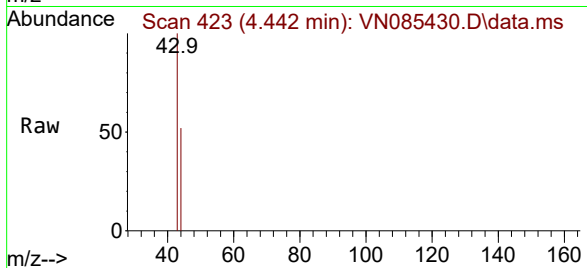
Tgt Ion: 94 Resp: 421
Ion Ratio Lower Upper
94 100
96 107.6 75.2 112.8



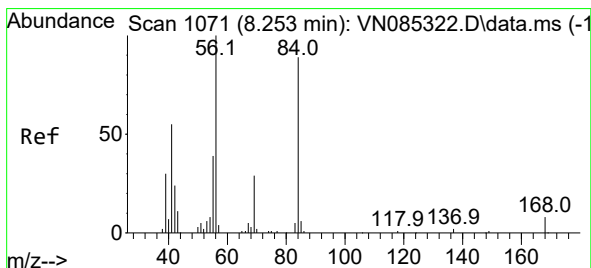
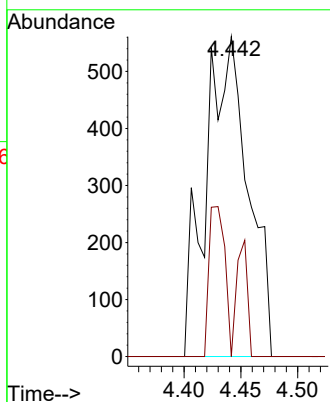
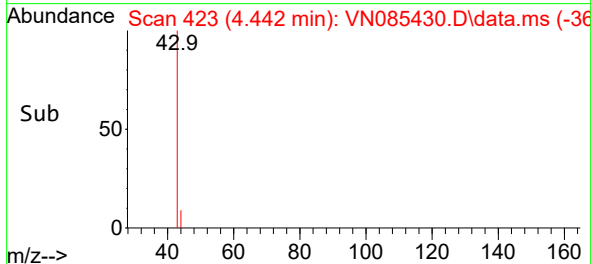


#16
Acetone
Concen: 1.653 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN085430.D
Acq: 13 Jan 2025 16:42

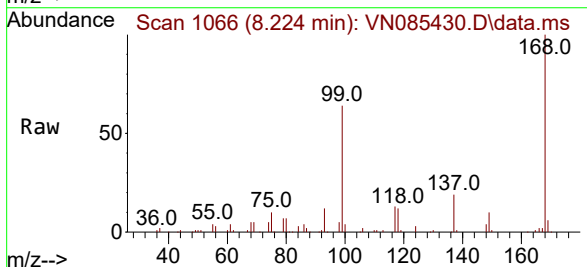
Instrument :
MSVOA_N
ClientSampleId :



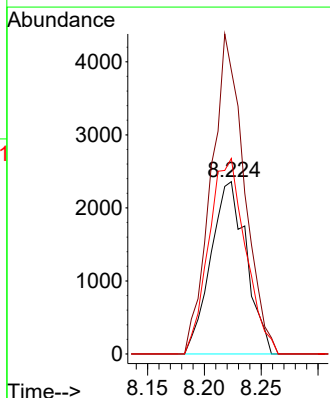
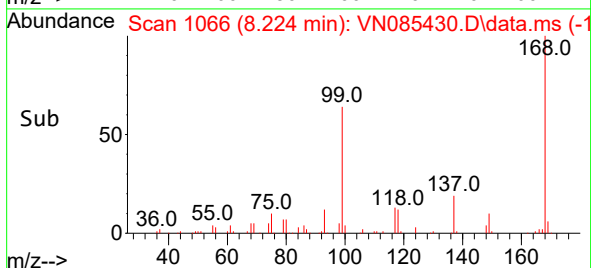
Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#

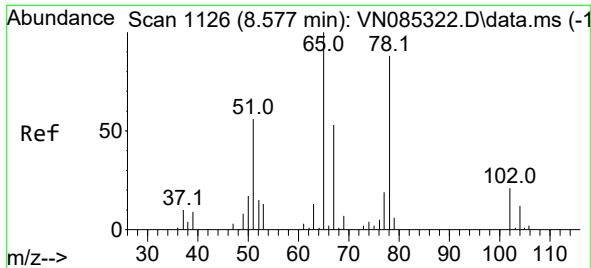


#31
Cyclohexane
Concen: 1.298 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085430.D
Acq: 13 Jan 2025 16:42



Tgt Ion: 56 Resp: 5155
Ion Ratio Lower Upper
56 100
69 164.8 23.4 35.0#
84 113.4 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 53.800 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085430.D

Acq: 13 Jan 2025 16:42

Instrument :

MSVOA_N

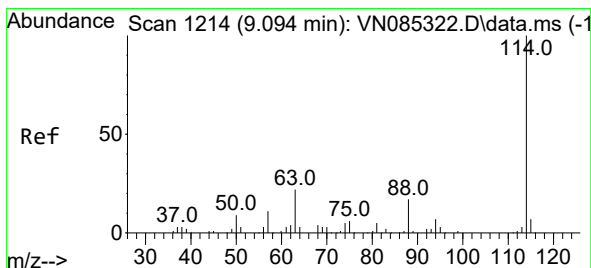
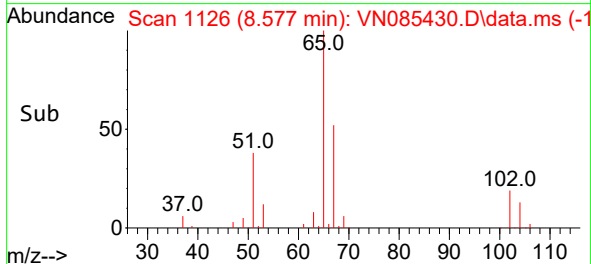
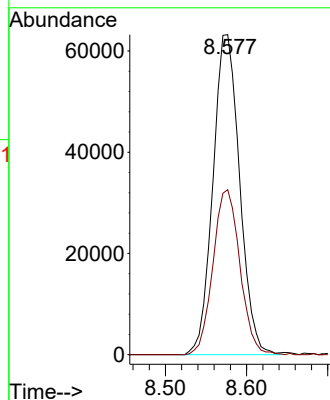
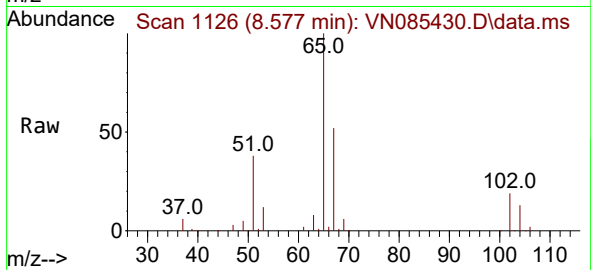
ClientSampleId :

Tgt Ion: 65 Resp: 144609

Ion Ratio Lower Upper

65 100

67 51.9 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: VN085430.D

Acq: 13 Jan 2025 16:42

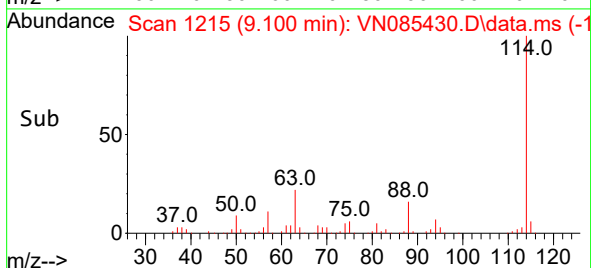
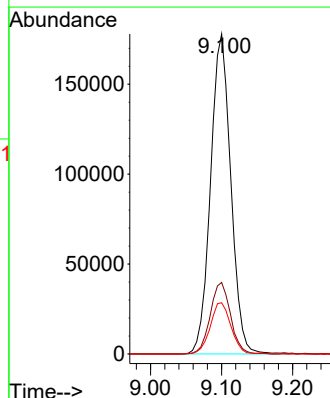
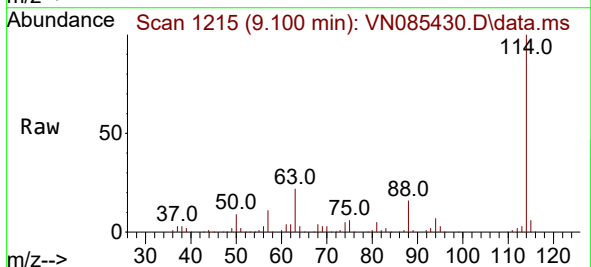
Tgt Ion: 114 Resp: 351449

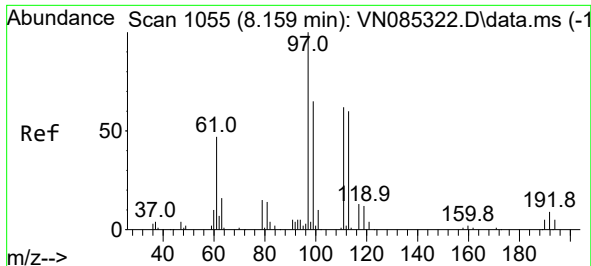
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

88 16.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.862 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085430.D

Acq: 13 Jan 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

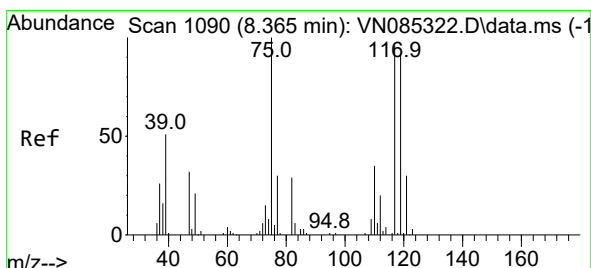
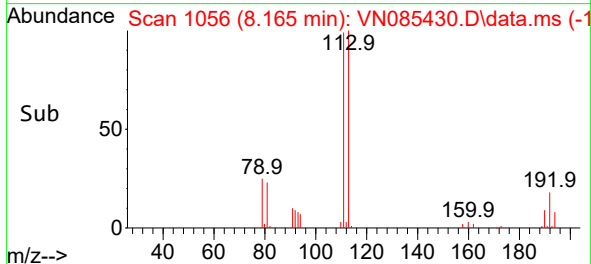
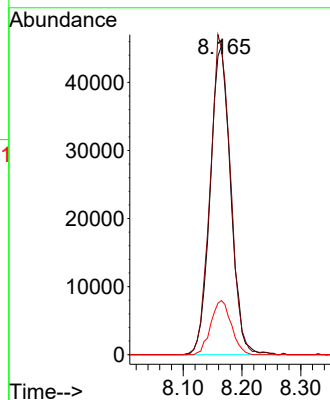
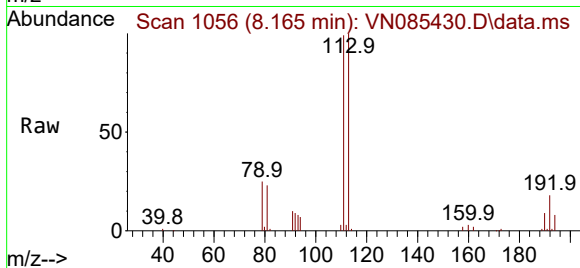
Tgt Ion:113 Resp: 109324

Ion Ratio Lower Upper

113 100

111 102.6 80.5 120.7

192 17.6 12.9 19.3



#36

1,1-Dichloropropene

Concen: 5.658 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085430.D

Acq: 13 Jan 2025 16:42

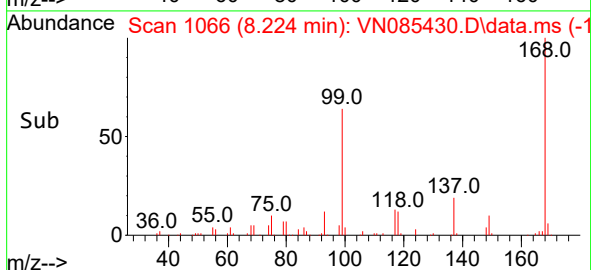
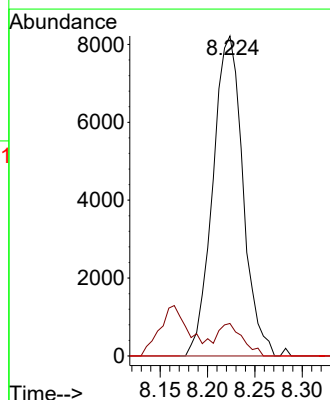
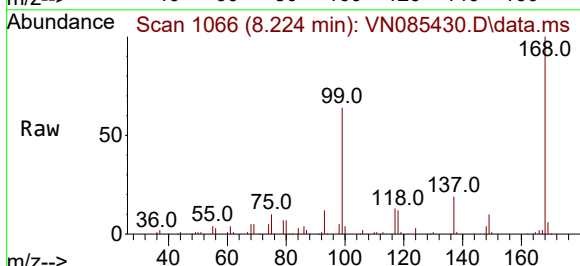
Tgt Ion: 75 Resp: 18162

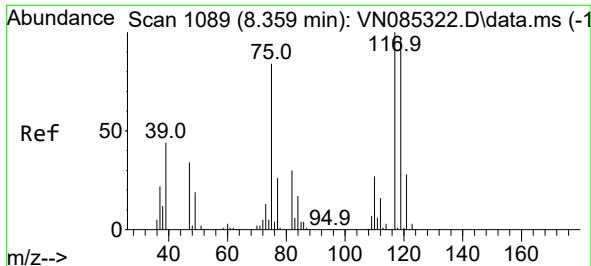
Ion Ratio Lower Upper

75 100

110 8.0 16.6 49.8#

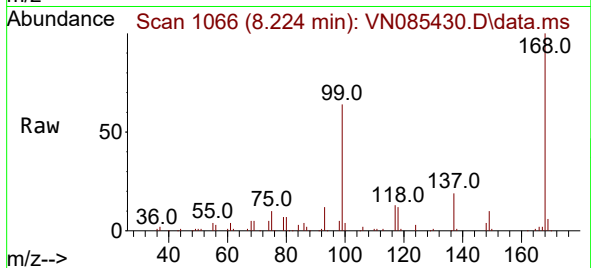
77 0.0 24.3 36.5#



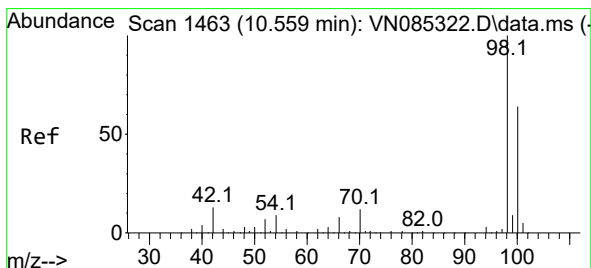
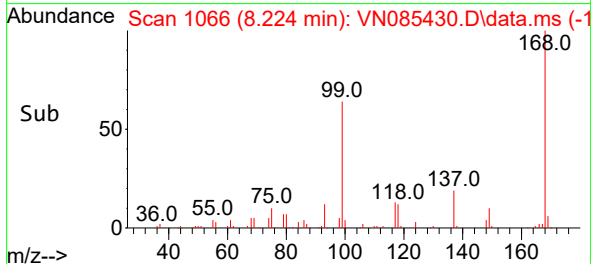
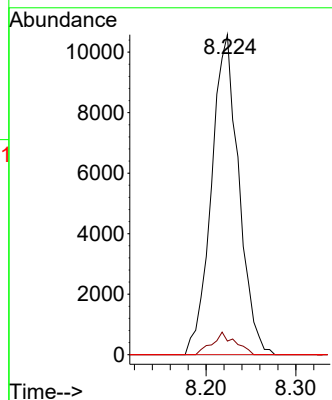


#38
Carbon Tetrachloride
Concen: 6.391 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085430.D
Acq: 13 Jan 2025 16:42

Instrument :
MSVOA_N
ClientSampleId :

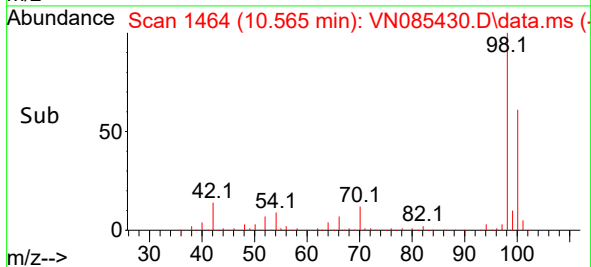
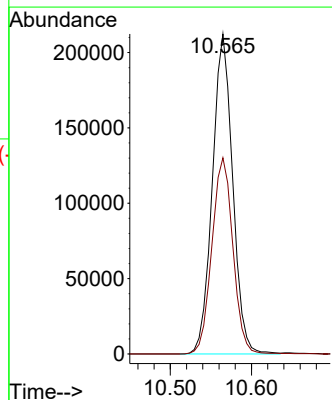
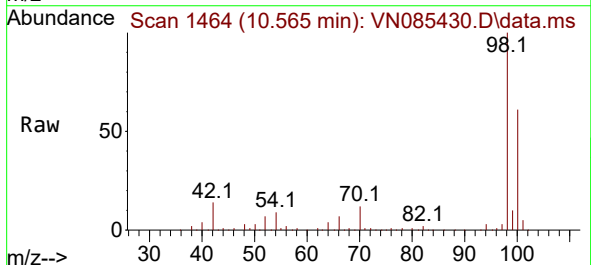


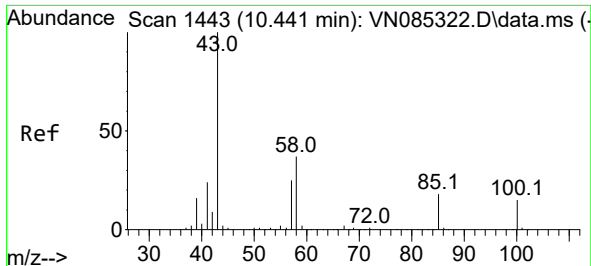
Tgt Ion:117 Resp: 22363
Ion Ratio Lower Upper
117 100
119 4.3 77.8 116.6#
121 0.0 22.5 33.7#



#50
Toluene-d8
Concen: 45.868 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085430.D
Acq: 13 Jan 2025 16:42

Tgt Ion: 98 Resp: 369034
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.674 ug/l

RT: 10.571 min Scan# 1443

Delta R.T. 0.130 min

Lab File: VN085430.D

Acq: 13 Jan 2025 16:42

Instrument :

MSVOA_N

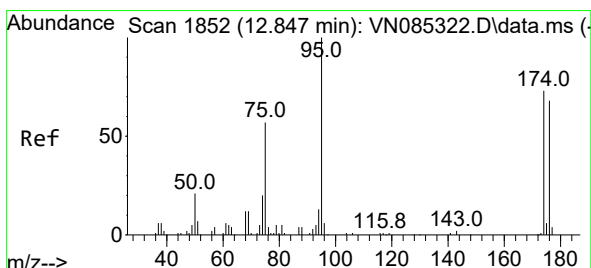
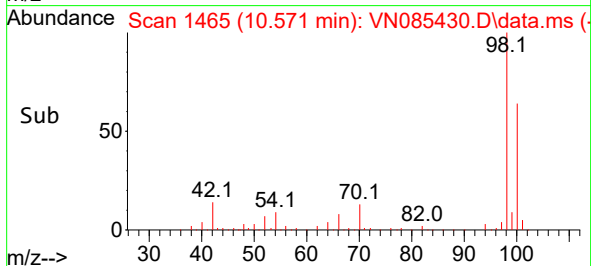
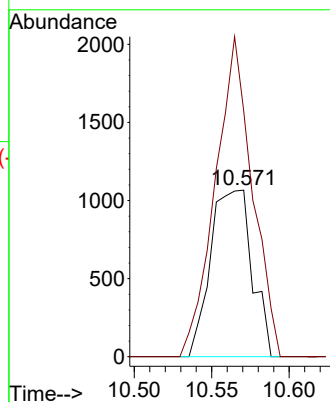
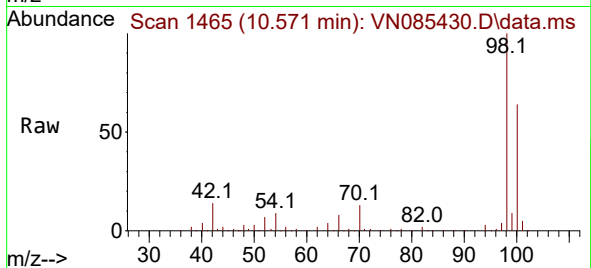
ClientSampleId :

Tgt Ion: 43 Resp: 1989

Ion Ratio Lower Upper

43 100

58 171.1 30.3 45.5#



#62

4-Bromofluorobenzene

Concen: 45.515 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085430.D

Acq: 13 Jan 2025 16:42

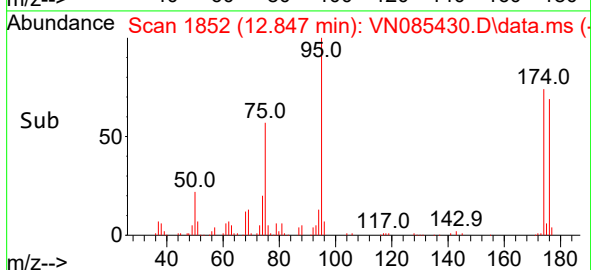
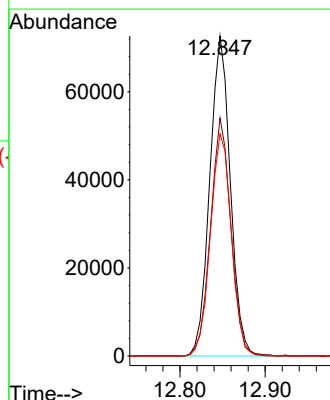
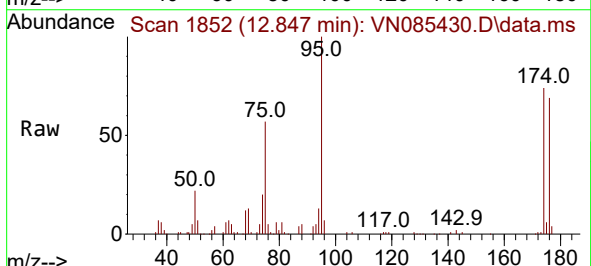
Tgt Ion: 95 Resp: 121616

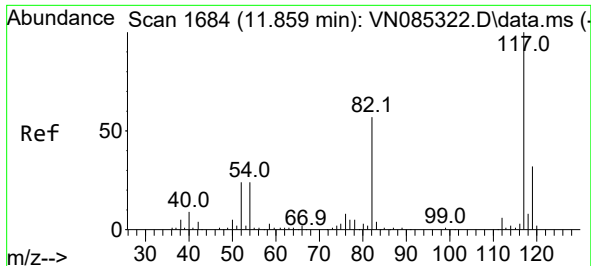
Ion Ratio Lower Upper

95 100

174 73.8 0.0 143.2

176 70.7 0.0 135.8

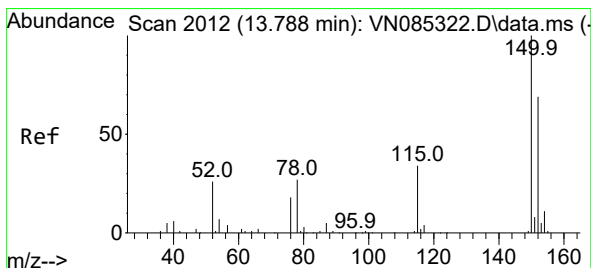
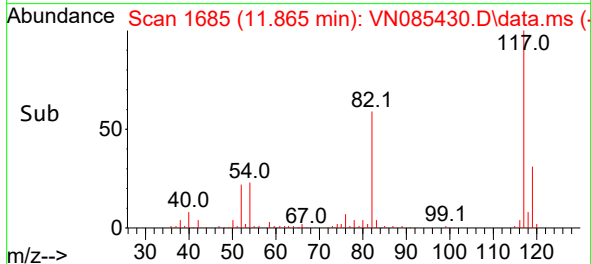
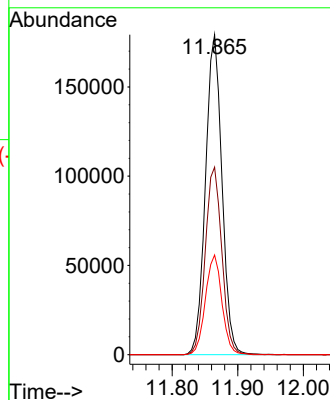
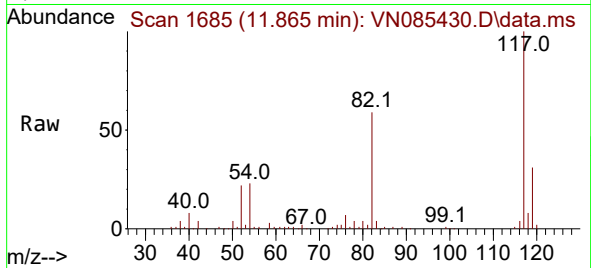




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085430.D
Acq: 13 Jan 2025 16:42

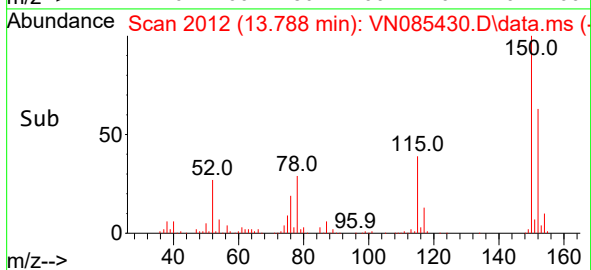
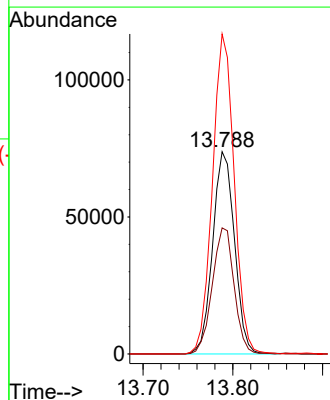
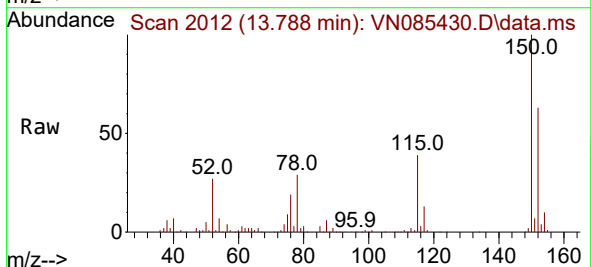
Instrument :
MSVOA_N
ClientSampleId :

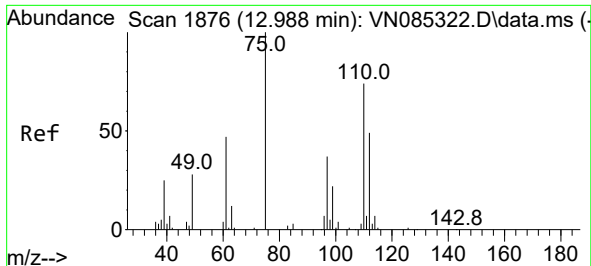
Tgt Ion:117 Resp: 313757
Ion Ratio Lower Upper
117 100
82 58.6 45.7 68.5
119 31.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085430.D
Acq: 13 Jan 2025 16:42

Tgt Ion:152 Resp: 124648
Ion Ratio Lower Upper
152 100
115 62.3 30.4 91.3
150 157.0 0.0 345.0

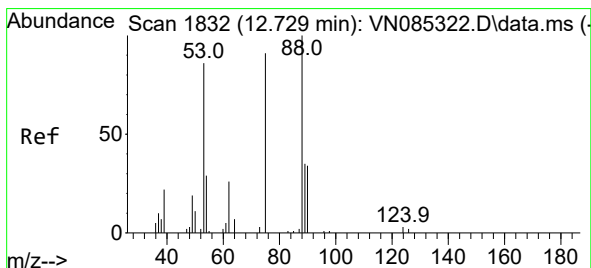
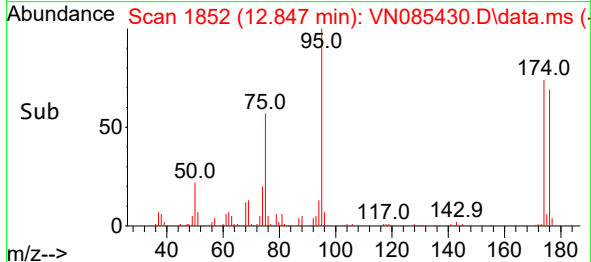
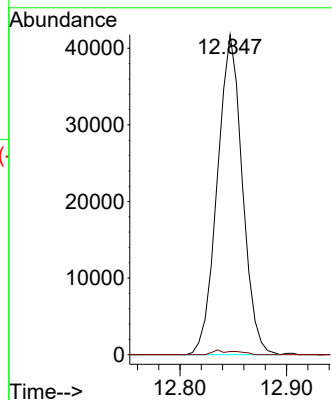
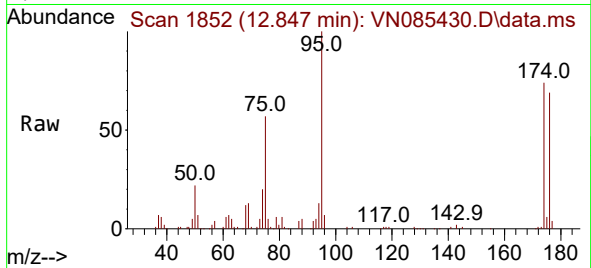




#76
1,2,3-Trichloropropane
Concen: 29.261 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085430.D
Acq: 13 Jan 2025 16:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 68110
Ion Ratio Lower Upper
75 100
77 1.4 98.1 294.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.076 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085430.D
Acq: 13 Jan 2025 16:42

Tgt Ion: 75 Resp: 68110
Ion Ratio Lower Upper
75 100
53 0.2 80.0 120.0#
89 0.0 35.8 53.8#

