

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081436.D
 Acq On : 15 Mar 2024 19:41
 Operator : JC\MD
 Sample : P1772-07 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1376

Quant Time: Mar 15 23:38:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

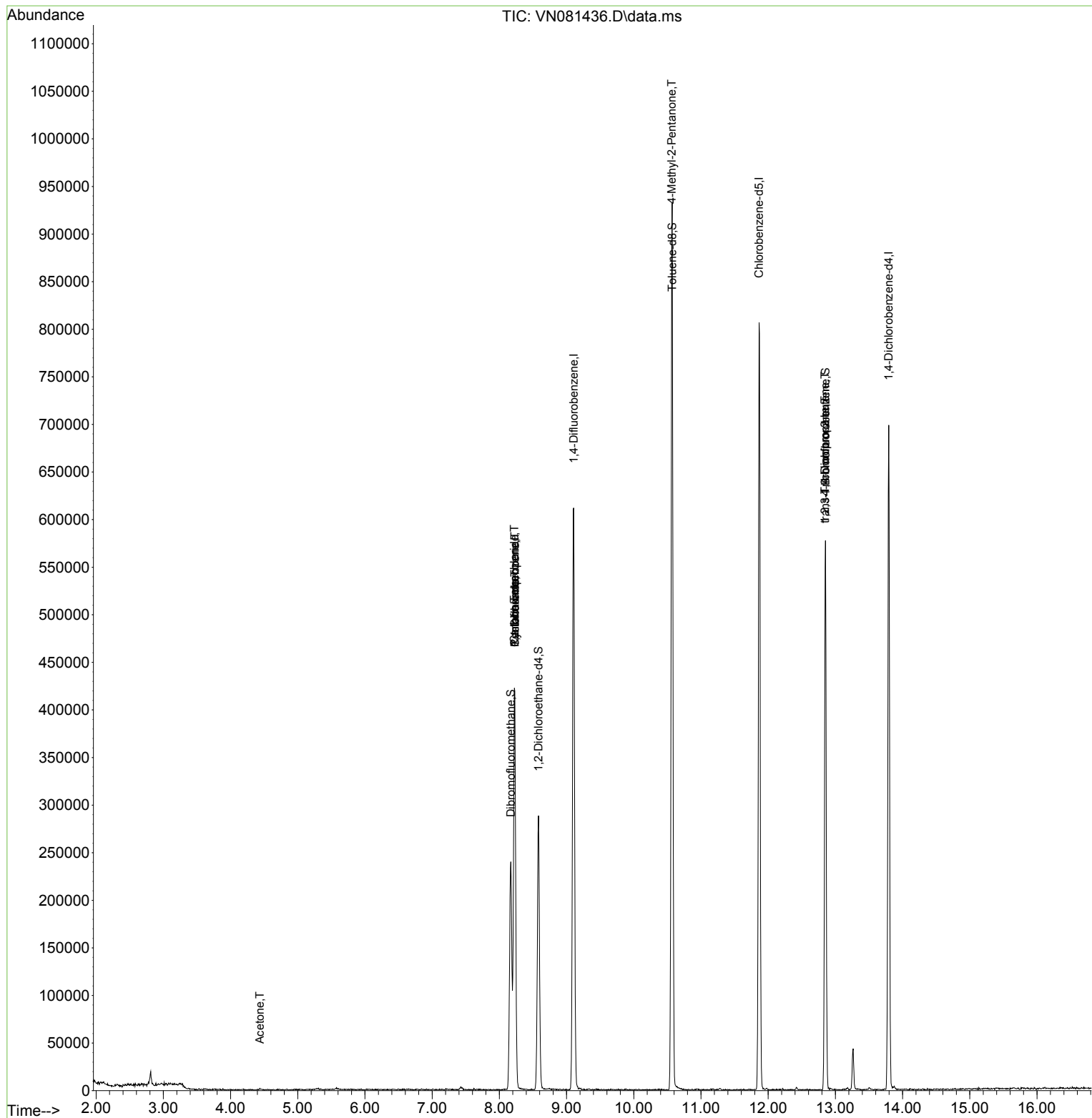
Internal Standards						
1) Pentafluorobenzene	8.230	168	283449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	451921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	177353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226092	55.166	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.340%	
35) Dibromofluoromethane	8.171	113	169981	53.569	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.140%	
50) Toluene-d8	10.571	98	631968	53.277	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.560%	
62) 4-Bromofluorobenzene	12.853	95	193963	46.265	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.520%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	1682	1.158	ug/l #	84
20) Methylene Chloride	5.289	84	853	Below Cal	#	42
31) Cyclohexane	8.230	56	7640	1.231	ug/l #	23
36) 1,1-Dichloropropene	8.230	75	26062	5.091	ug/l #	50
38) Carbon Tetrachloride	8.224	117	32232	6.256	ug/l #	19
51) 4-Methyl-2-Pentanone	10.565	43	3096	0.609	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	111939	26.722	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	111939	74.576	ug/l #	14

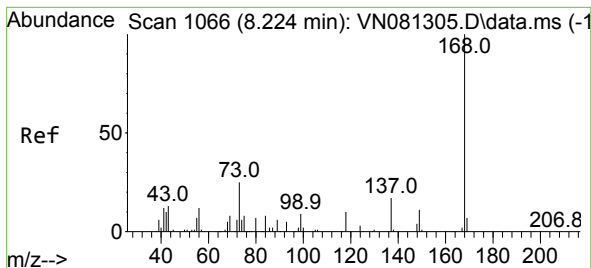
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1376

Quant Time: Mar 15 23:38:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081436.D

Acq: 15 Mar 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

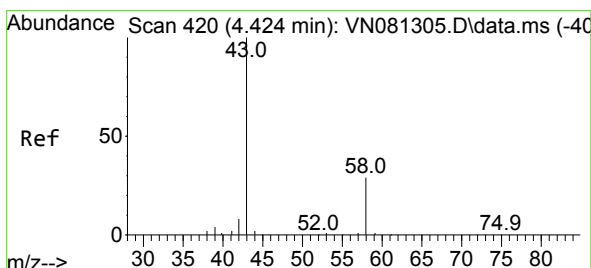
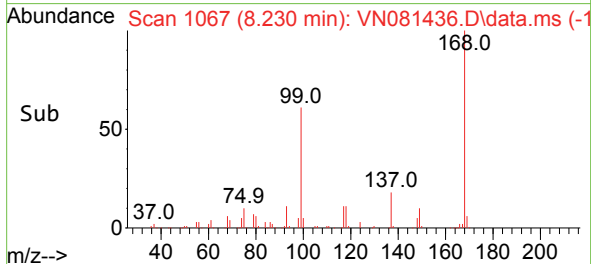
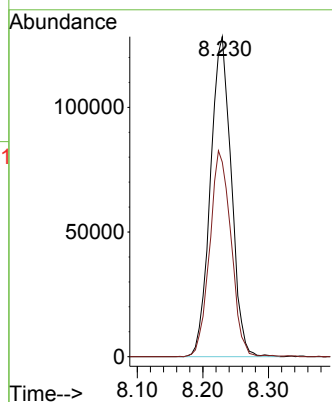
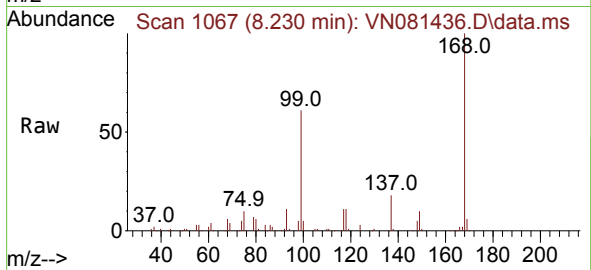
1376

Tgt Ion:168 Resp: 283449

Ion Ratio Lower Upper

168 100

99 60.7 59.9 89.9



#16

Acetone

Concen: 1.158 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.012 min

Lab File: VN081436.D

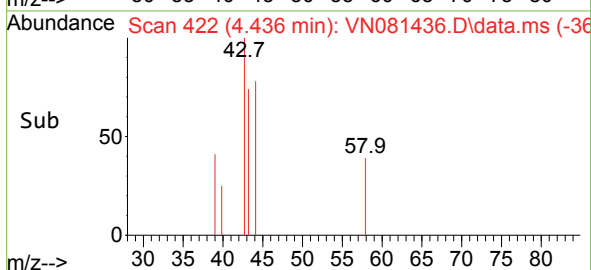
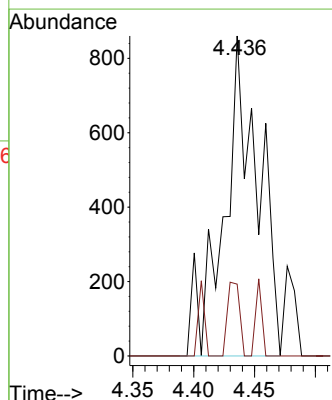
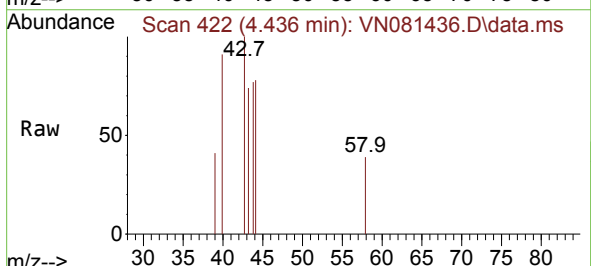
Acq: 15 Mar 2024 19:41

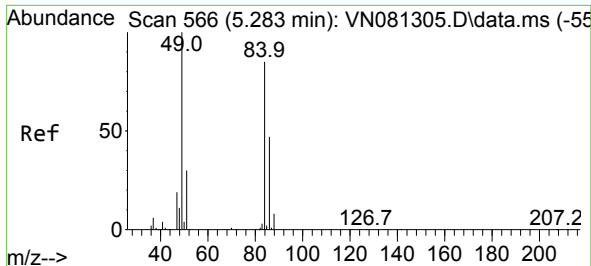
Tgt Ion: 43 Resp: 1682

Ion Ratio Lower Upper

43 100

58 22.4 24.8 37.2#

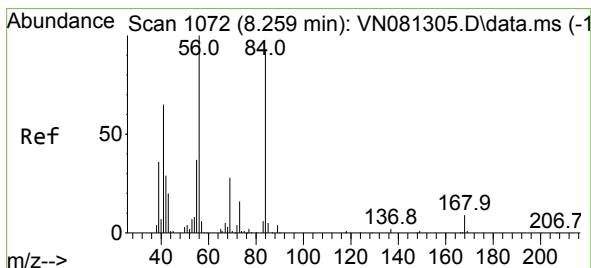
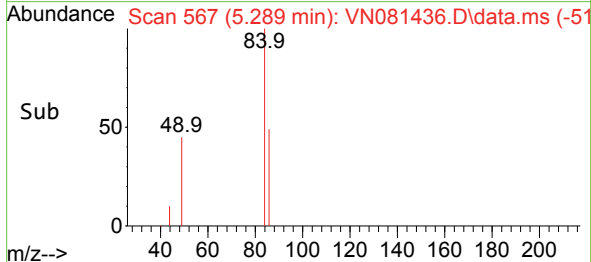
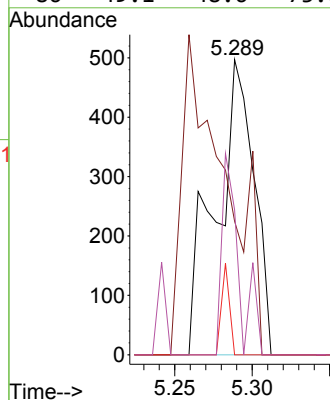
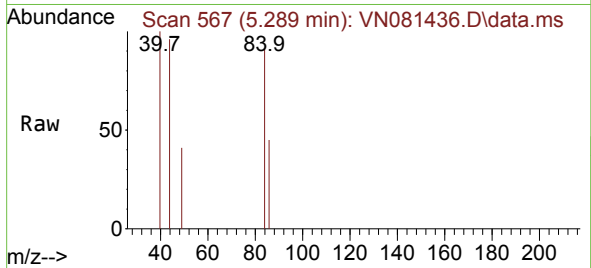




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN081436.D
Acq: 15 Mar 2024 19:41

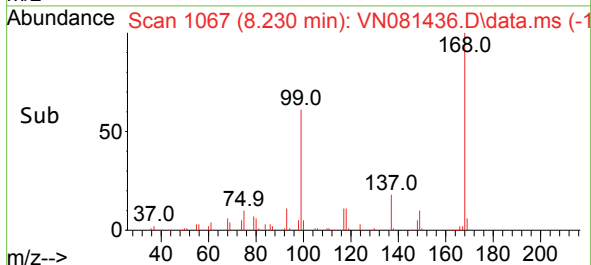
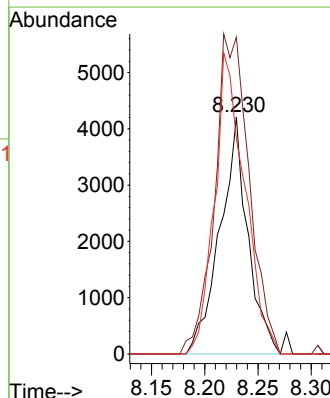
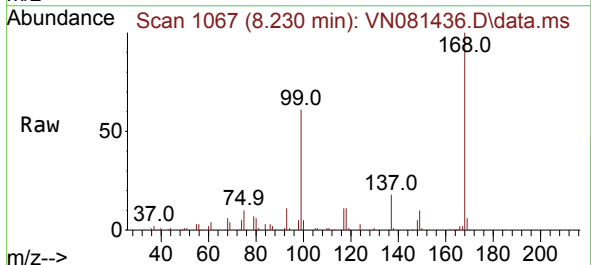
Instrument :
MSVOA_N
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1376

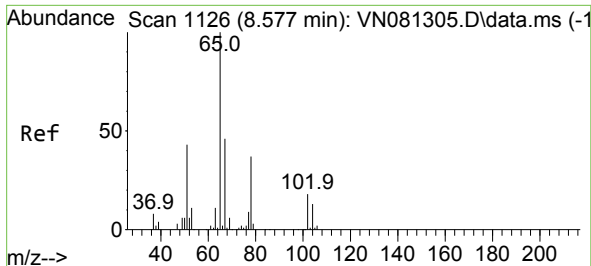
Tgt Ion:	84	Resp:	853
Ion	Ratio	Lower	Upper
84	100		
49	45.3	108.1	162.1#
51	0.0	32.9	49.3#
86	49.1	48.6	73.0



#31
Cyclohexane
Concen: 1.231 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081436.D
Acq: 15 Mar 2024 19:41

Tgt Ion:	56	Resp:	7640
Ion	Ratio	Lower	Upper
56	100		
69	133.7	20.1	30.1#
84	94.6	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 55.166 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081436.D

Acq: 15 Mar 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

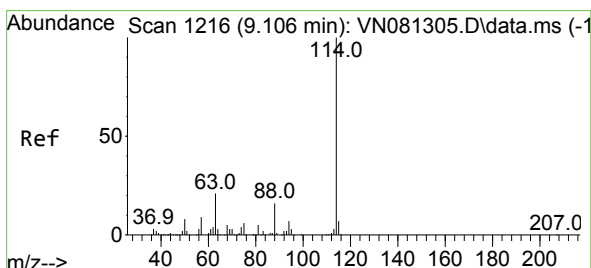
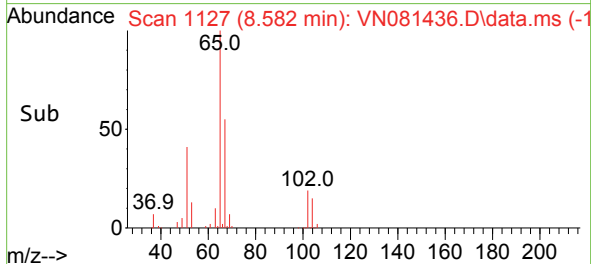
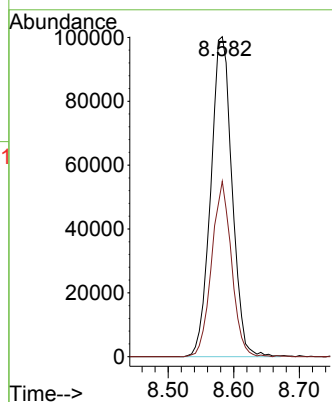
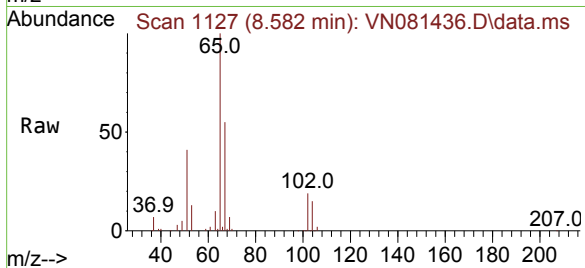
1376

Tgt Ion: 65 Resp: 226092

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081436.D

Acq: 15 Mar 2024 19:41

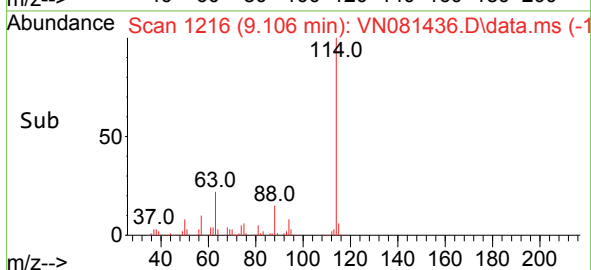
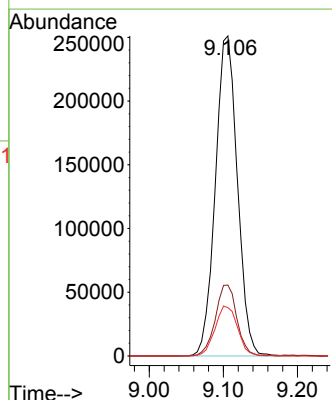
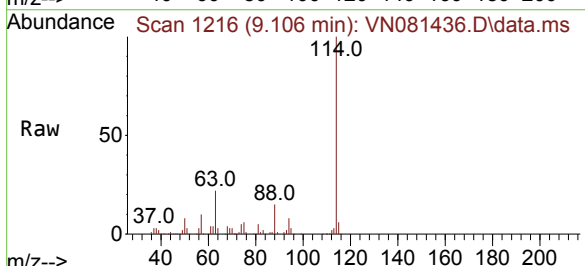
Tgt Ion: 114 Resp: 517922

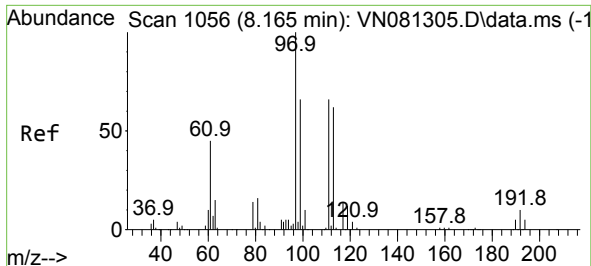
Ion Ratio Lower Upper

114 100

63 22.1 0.0 48.0

88 15.1 0.0 34.8

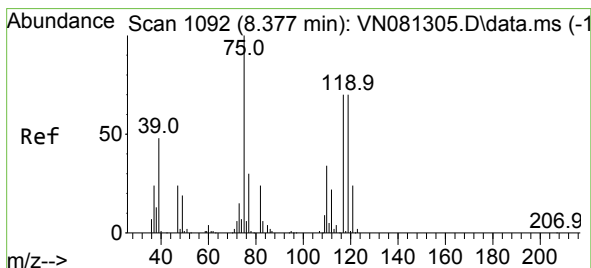
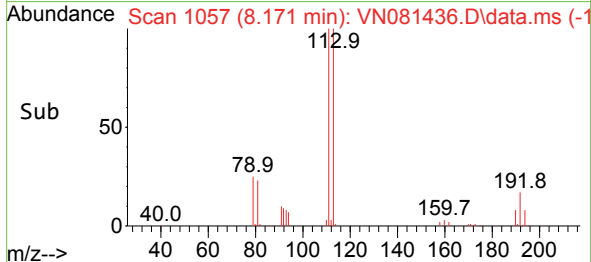
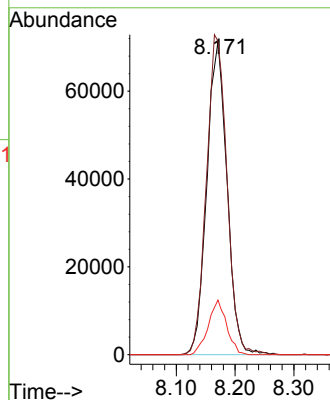
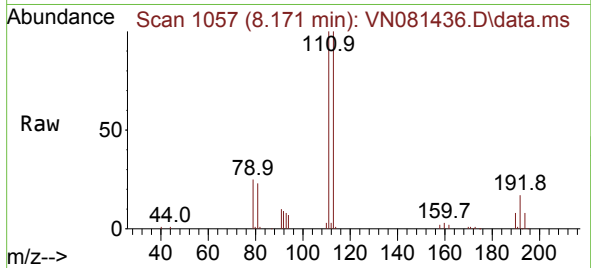




#35
Dibromofluoromethane
Concen: 53.569 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081436.D
Acq: 15 Mar 2024 19:41

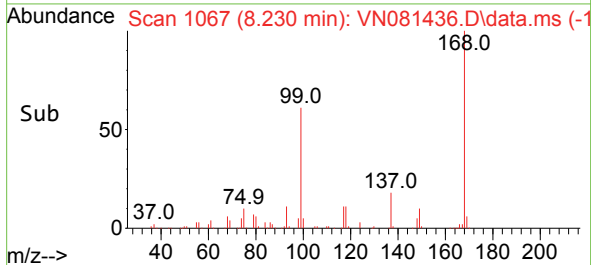
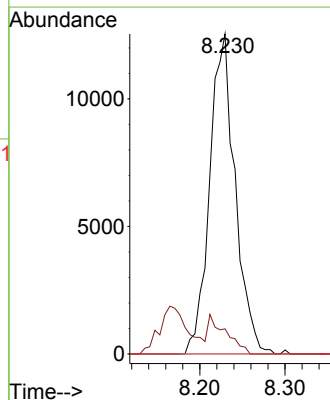
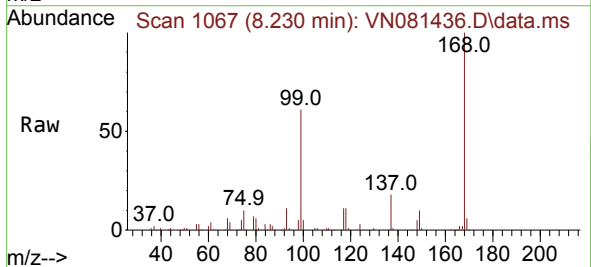
Instrument :
MSVOA_N
ClientSampleId :
1376

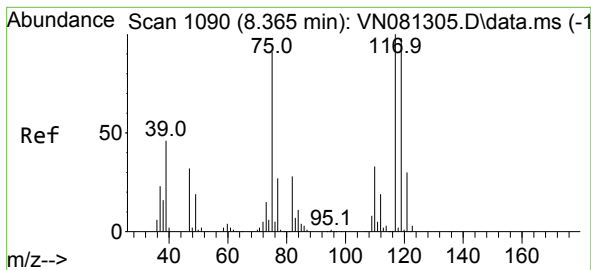
Tgt Ion:113 Resp: 169981
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 15.9 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.091 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN081436.D
Acq: 15 Mar 2024 19:41

Tgt Ion: 75 Resp: 26062
Ion Ratio Lower Upper
75 100
110 8.6 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.256 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081436.D

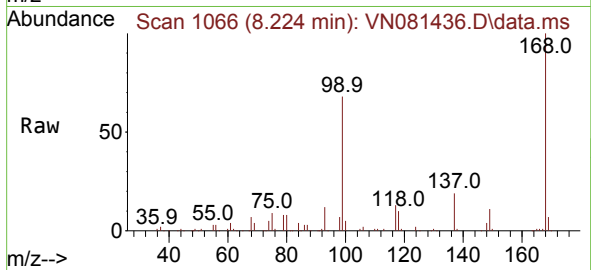
Acq: 15 Mar 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

1376



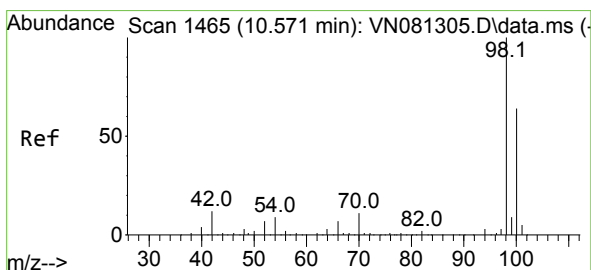
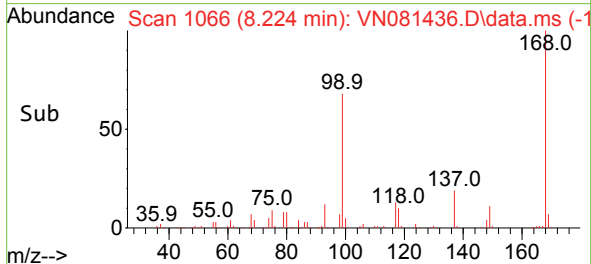
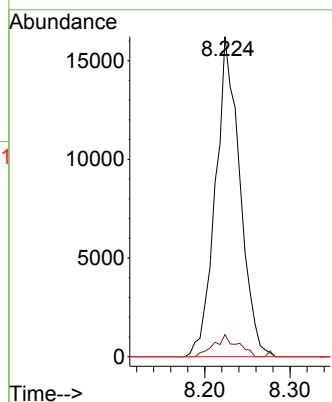
Tgt Ion:117 Resp: 32232

Ion Ratio Lower Upper

117 100

119 6.9 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 53.277 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081436.D

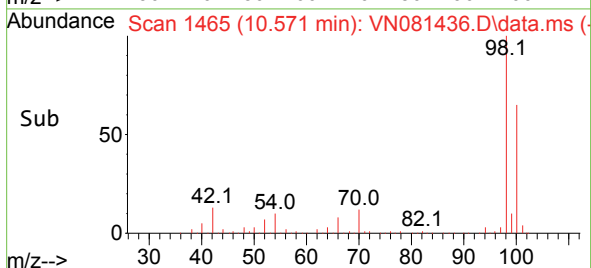
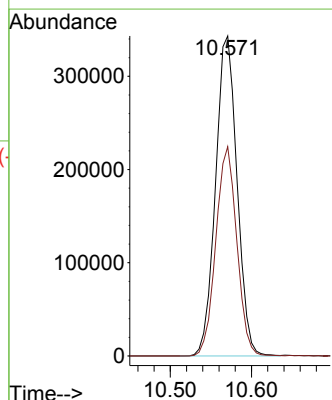
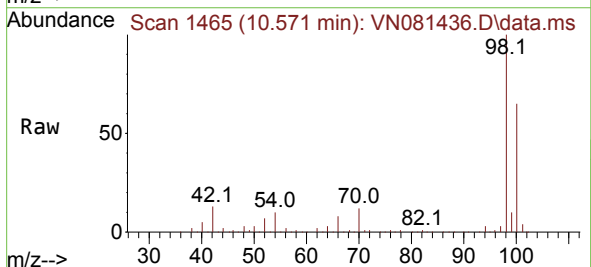
Acq: 15 Mar 2024 19:41

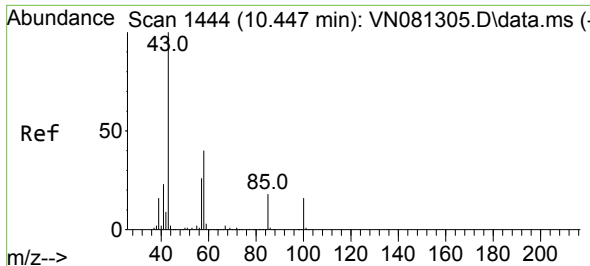
Tgt Ion: 98 Resp: 631968

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.0

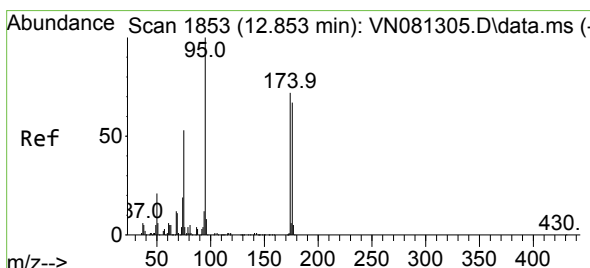
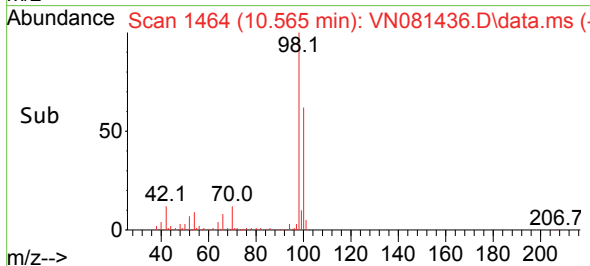
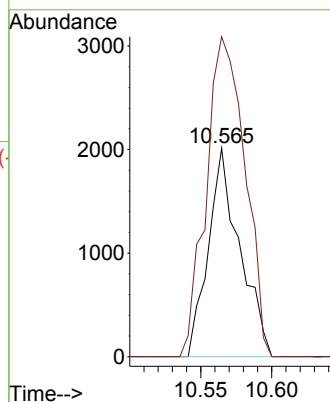
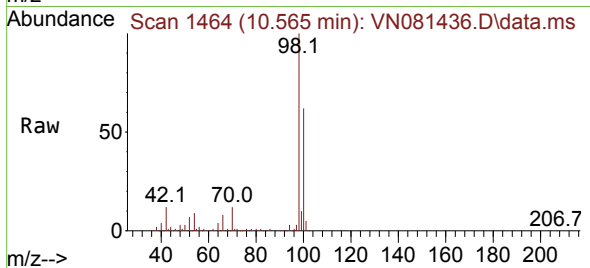




#51
4-Methyl-2-Pentanone
Concen: 0.609 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN081436.D
Acq: 15 Mar 2024 19:41

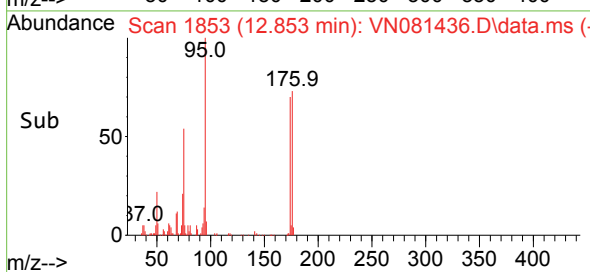
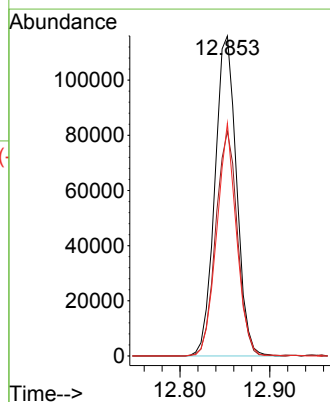
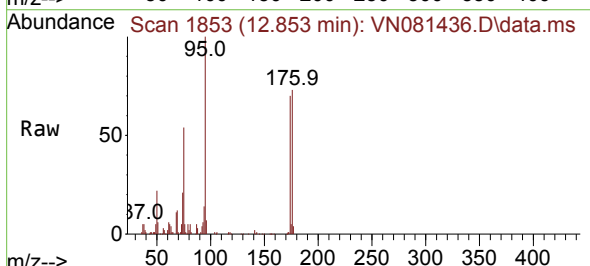
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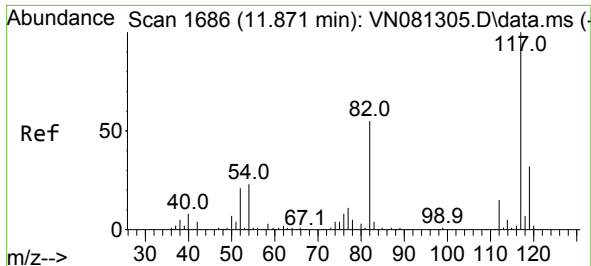
Tgt Ion: 43 Resp: 3096
Ion Ratio Lower Upper
43 100
58 189.6 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 46.265 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081436.D
Acq: 15 Mar 2024 19:41

Tgt Ion: 95 Resp: 193963
Ion Ratio Lower Upper
95 100
174 70.5 0.0 120.4
176 66.6 0.0 121.0

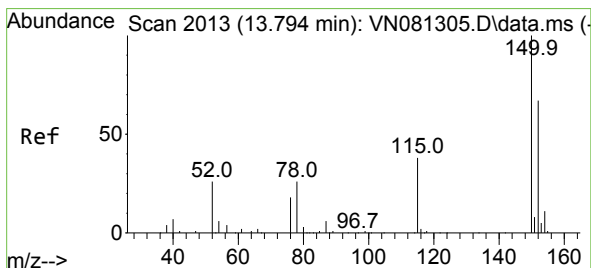
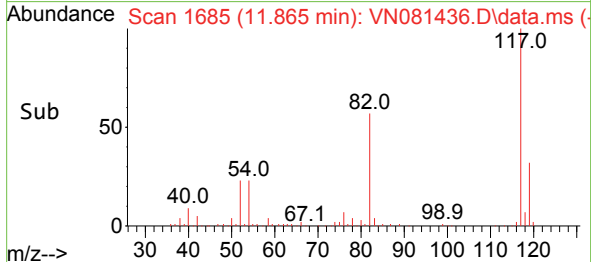
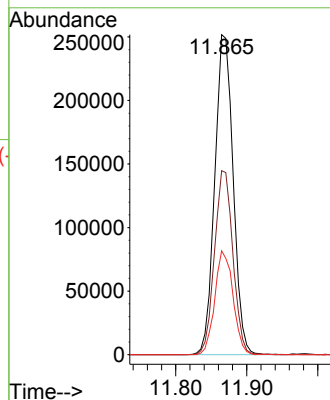
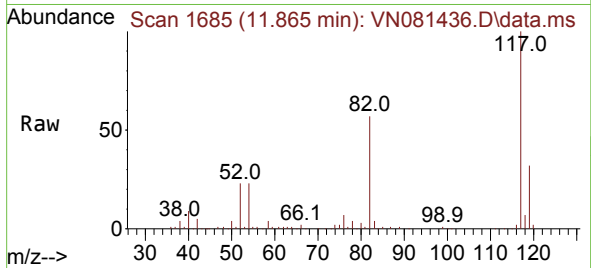




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1176
Delta R.T. -0.006 min
Lab File: VN081436.D
Acq: 15 Mar 2024 19:41

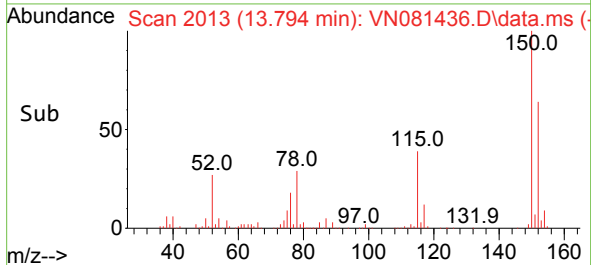
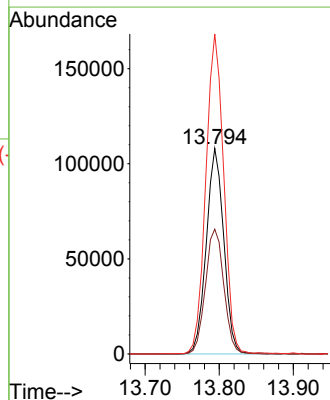
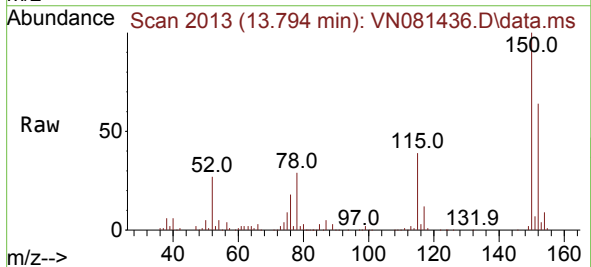
Instrument :
MSVOA_N
ClientSampleId :
1376

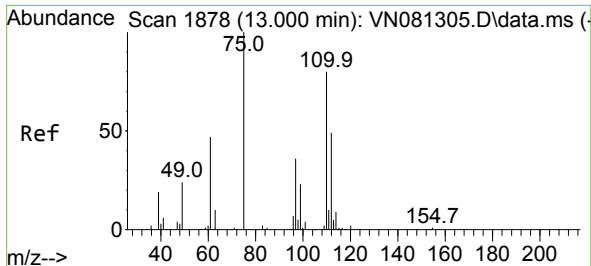
Tgt Ion:117 Resp: 451921
Ion Ratio Lower Upper
117 100
82 57.5 52.7 79.1
119 32.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081436.D
Acq: 15 Mar 2024 19:41

Tgt Ion:152 Resp: 177353
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 158.6 0.0 339.8

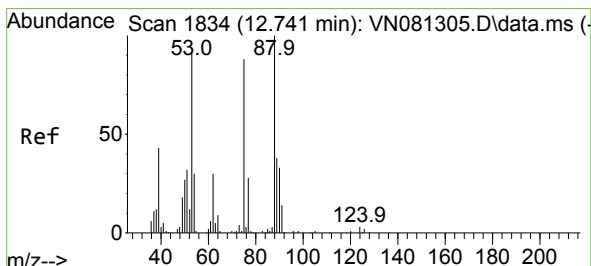
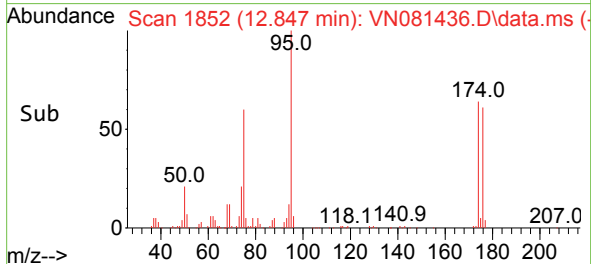
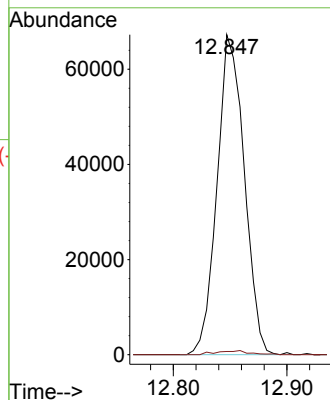
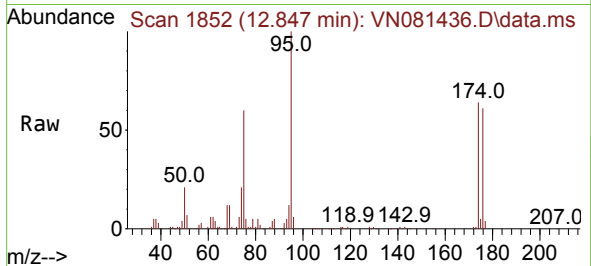




#76
1,2,3-Trichloropropane
Concen: 26.722 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.153 min
Lab File: VN081436.D
Acq: 15 Mar 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
1376

Tgt Ion: 75 Resp: 111939
Ion Ratio Lower Upper
75 100
77 1.5 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.576 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081436.D
Acq: 15 Mar 2024 19:41

Tgt Ion: 75 Resp: 111939
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.1 33.4 50.0#

