

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031324\
 Data File : VN081388.D
 Acq On : 13 Mar 2024 11:46
 Operator : JC\MD
 Sample : VN0313WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBL01

Quant Time: Mar 14 01:04:25 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

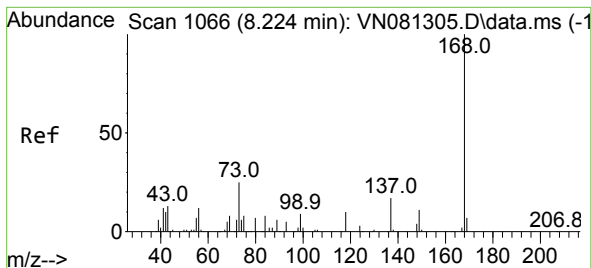
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	320006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	613121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	534119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	251196	54.290	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.580%		
35) Dibromofluoromethane	8.171	113	186135	49.552	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.100%		
50) Toluene-d8	10.571	98	682408	48.597	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.200%		
62) 4-Bromofluorobenzene	12.853	95	212293	42.774	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 85.540%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	1191	0.373	ug/l #	79
13) Acrolein	4.189	56	365	0.381	ug/l #	61
20) Methylene Chloride	5.289	84	264	Below Cal	#	50
31) Cyclohexane	8.224	56	9054	1.292	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	30480	5.030	ug/l #	54
38) Carbon Tetrachloride	8.230	117	36846	6.041	ug/l #	17
51) 4-Methyl-2-Pentanone	10.571	43	3494	0.580	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	120833	24.268	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	120833	67.727	ug/l #	14

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

Quant Time: Mar 14 01:04:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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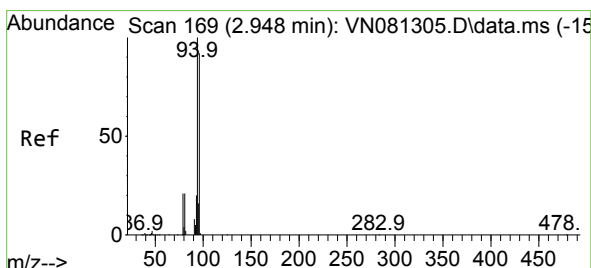
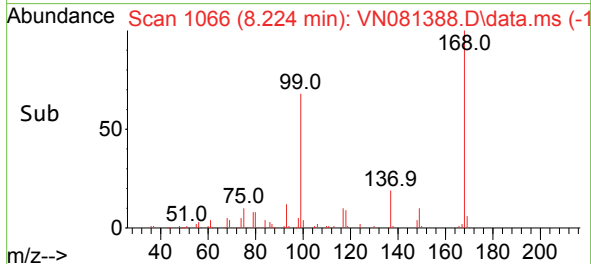
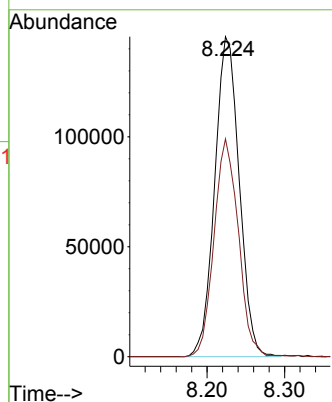
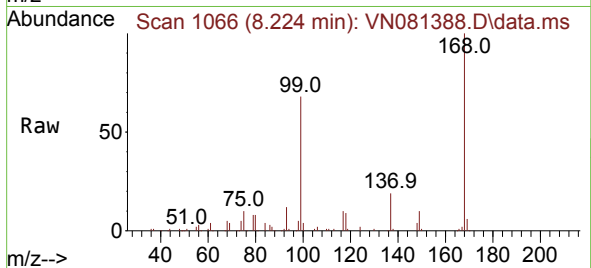
VN0313WBL01

Tgt Ion:168 Resp: 320006

Ion Ratio Lower Upper

168 100

99 68.1 59.9 89.9



#5

Bromomethane

Concen: 0.373 ug/l

RT: 2.977 min Scan# 174

Delta R.T. 0.029 min

Lab File: VN081388.D

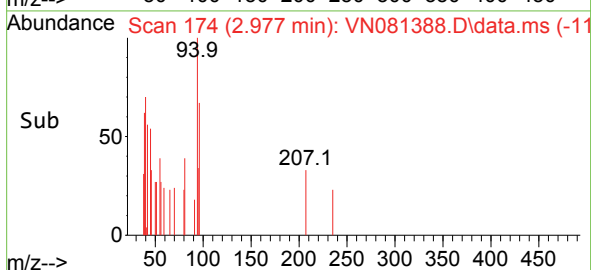
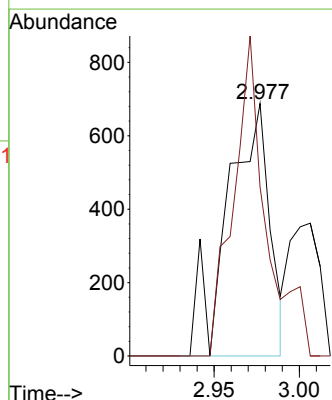
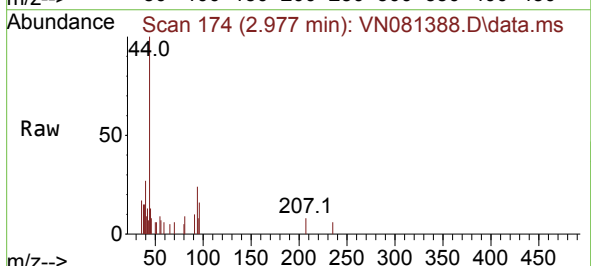
Acq: 13 Mar 2024 11:46

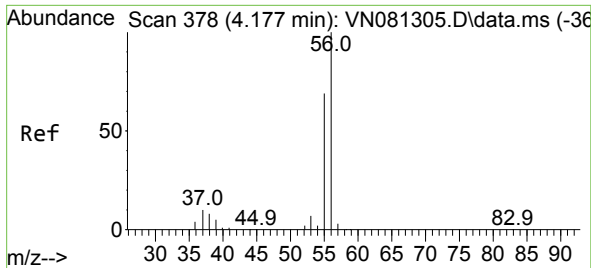
Tgt Ion: 94 Resp: 1191

Ion Ratio Lower Upper

94 100

96 67.0 69.2 103.8#

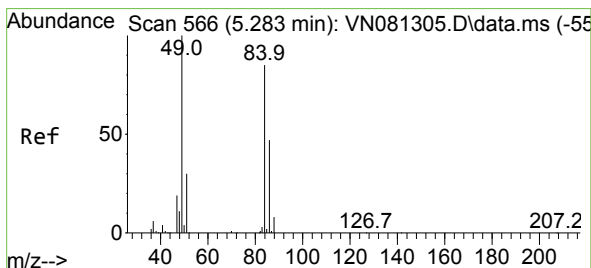
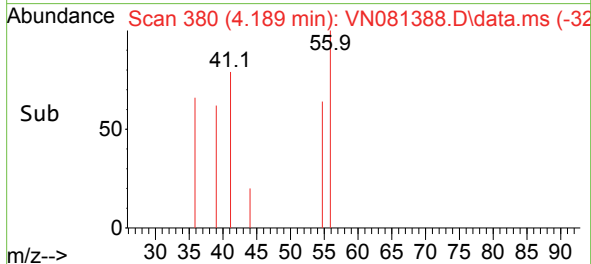
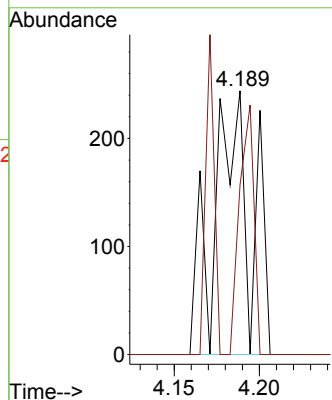
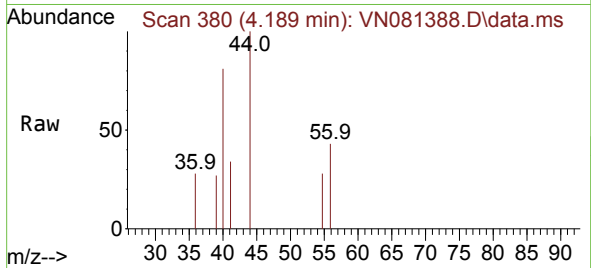




#13
Acrolein
Concen: 0.381 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN081388.D
Acq: 13 Mar 2024 11:46

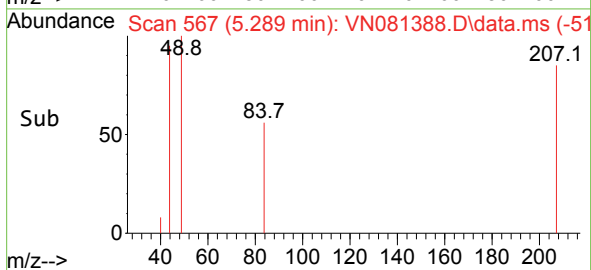
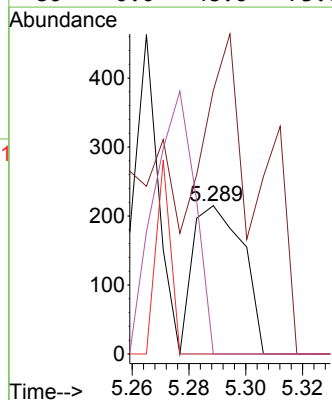
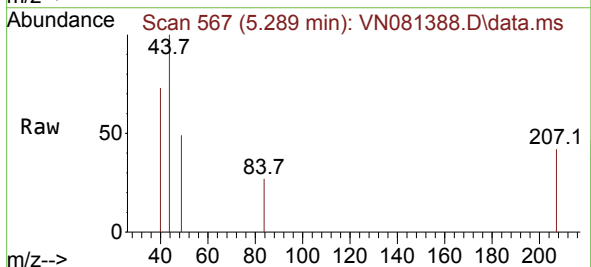
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBL01

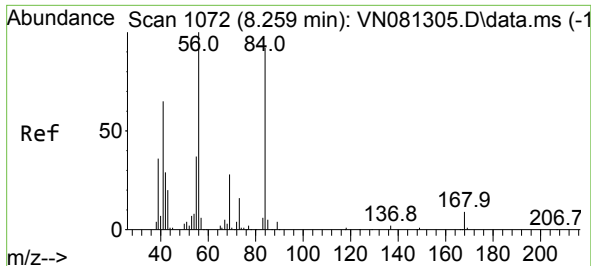
Tgt Ion: 56 Resp: 365
Ion Ratio Lower Upper
56 100
55 37.5 55.3 82.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN081388.D
Acq: 13 Mar 2024 11:46

Tgt Ion: 84 Resp: 264
Ion Ratio Lower Upper
84 100
49 96.3 108.1 162.1#
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#

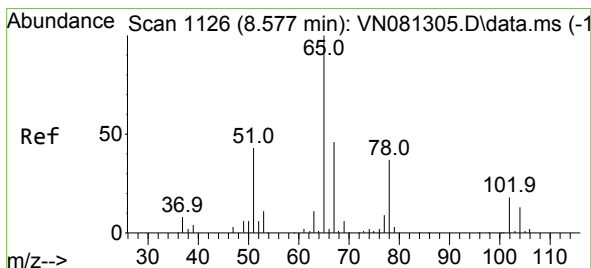
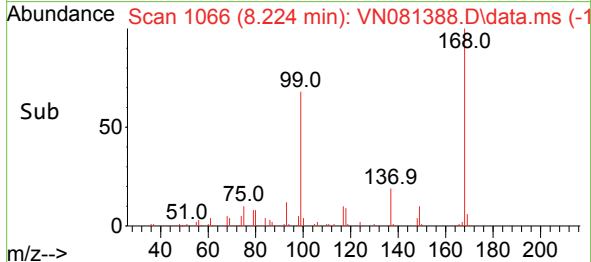
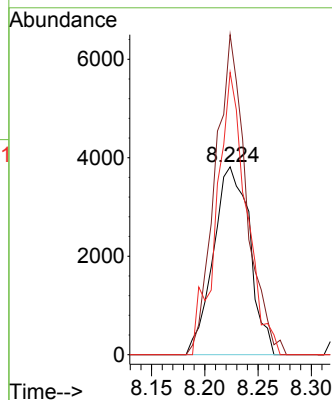
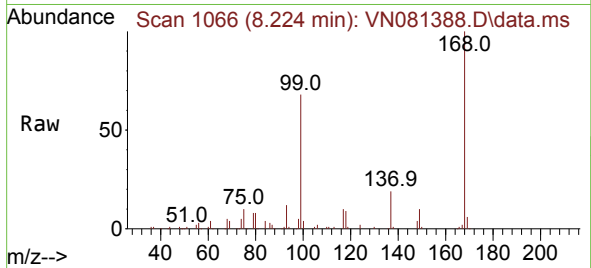




#31
Cyclohexane
Concen: 1.292 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081388.D
Acq: 13 Mar 2024 11:46

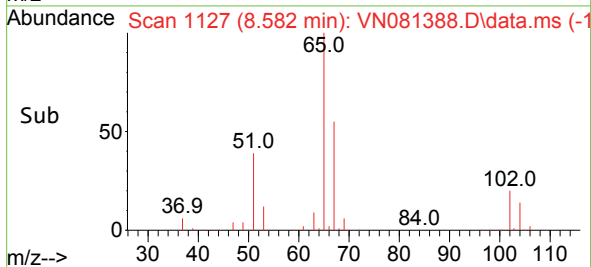
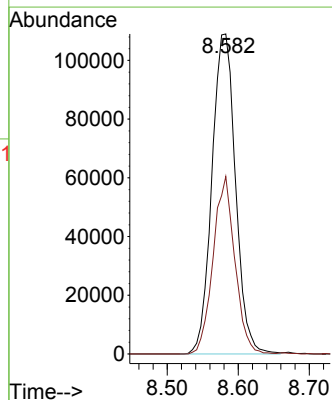
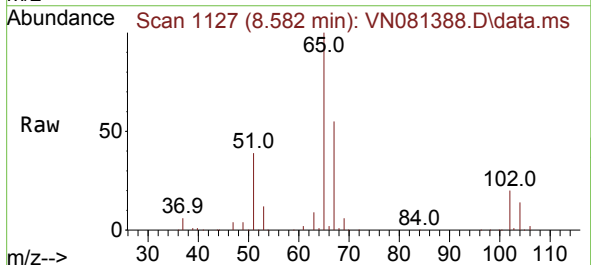
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBL01

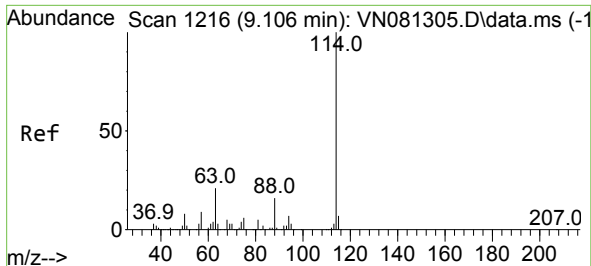
Tgt Ion: 56 Resp: 9054
Ion Ratio Lower Upper
56 100
69 170.3 20.1 30.1#
84 150.2 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 54.290 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081388.D
Acq: 13 Mar 2024 11:46

Tgt Ion: 65 Resp: 251196
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.4

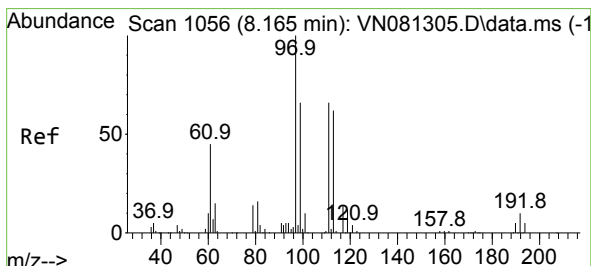
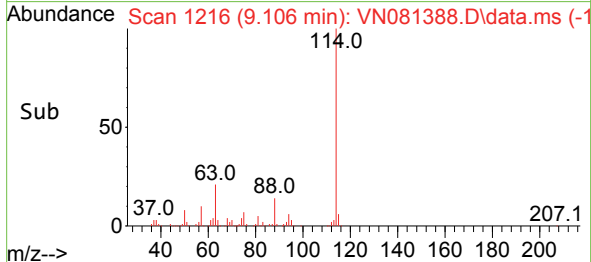
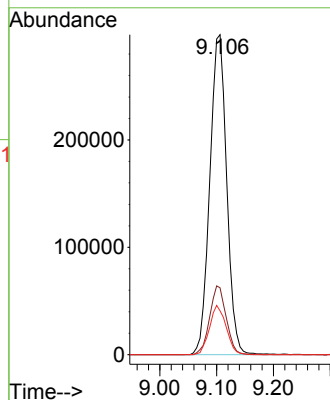
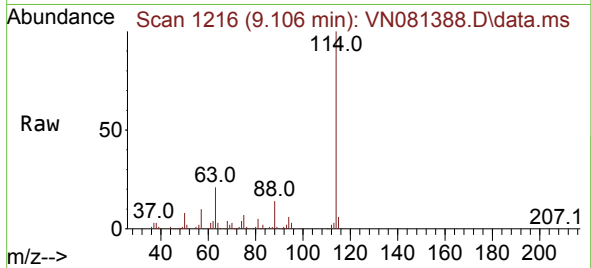




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081388.D
Acq: 13 Mar 2024 11:46

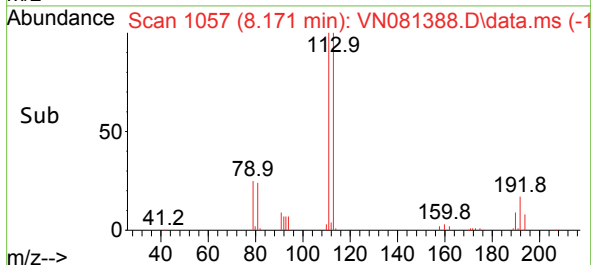
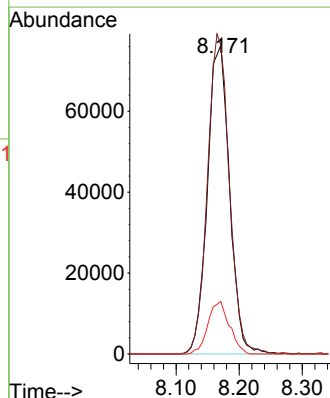
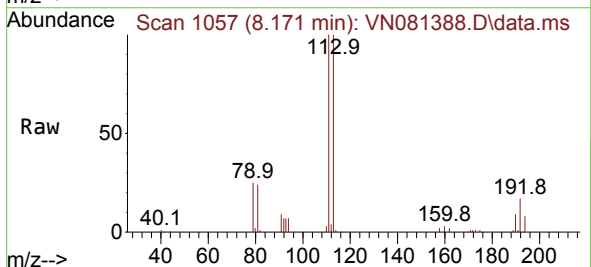
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBL01

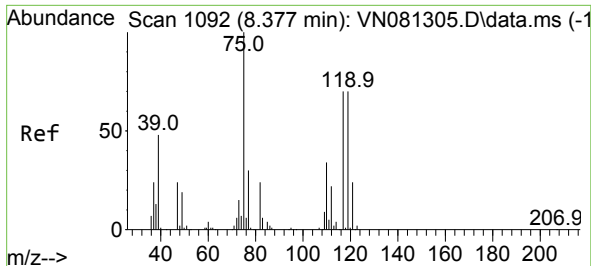
Tgt Ion:114 Resp: 613121
Ion Ratio Lower Upper
114 100
63 20.9 0.0 48.0
88 13.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.552 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081388.D
Acq: 13 Mar 2024 11:46

Tgt Ion:113 Resp: 186135
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 16.5 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.030 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN081388.D

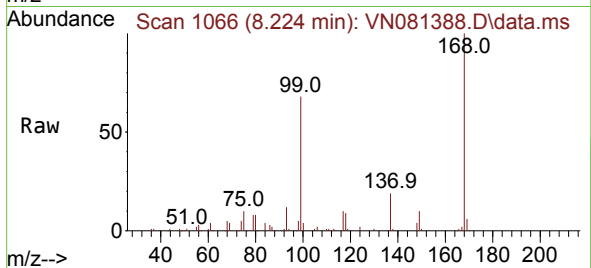
Acq: 13 Mar 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBL01



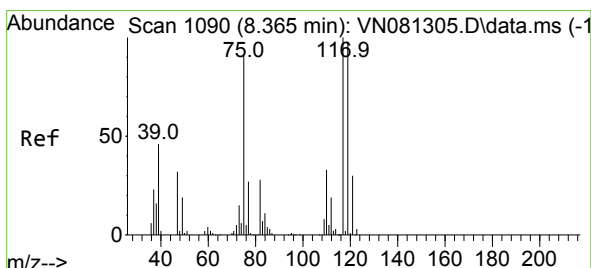
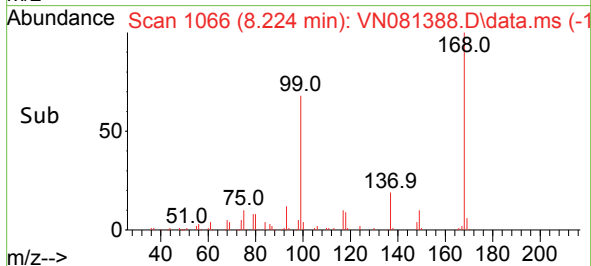
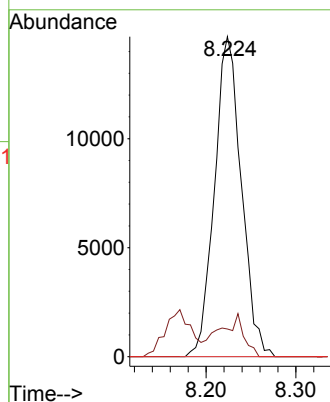
Tgt Ion: 75 Resp: 30480

Ion Ratio Lower Upper

75 100

110 12.4 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.041 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081388.D

Acq: 13 Mar 2024 11:46

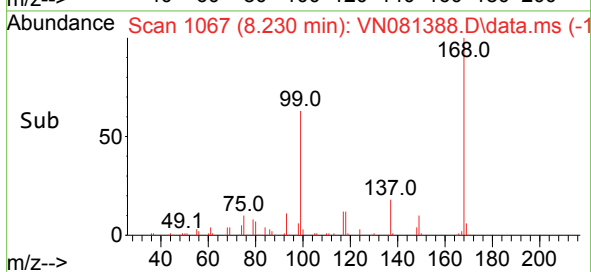
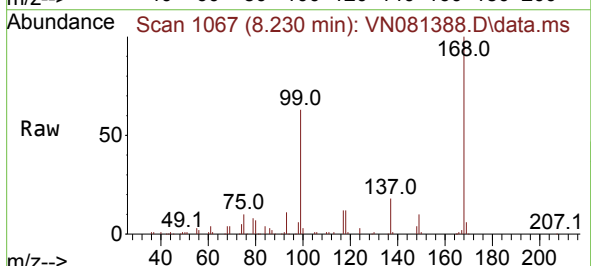
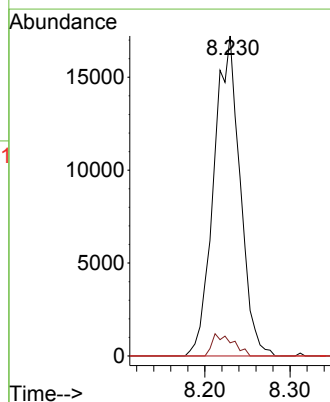
Tgt Ion: 117 Resp: 36846

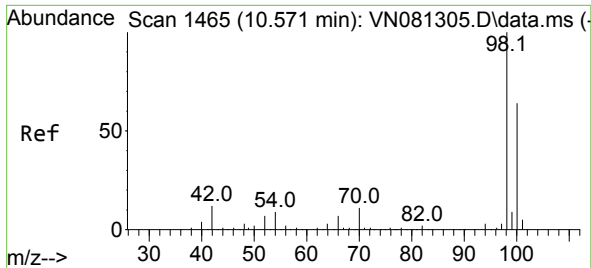
Ion Ratio Lower Upper

117 100

119 4.1 73.4 110.2#

121 0.0 24.4 36.6#

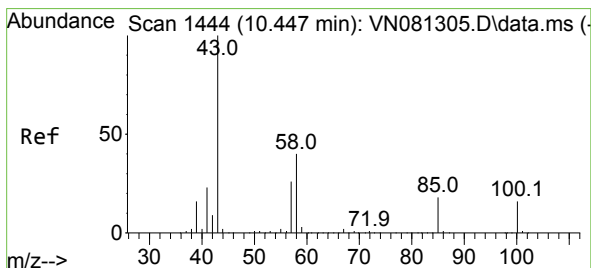
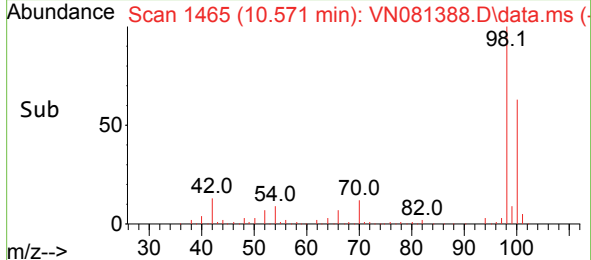
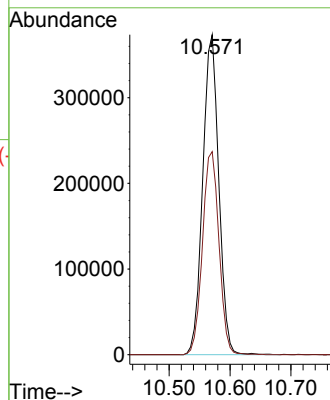
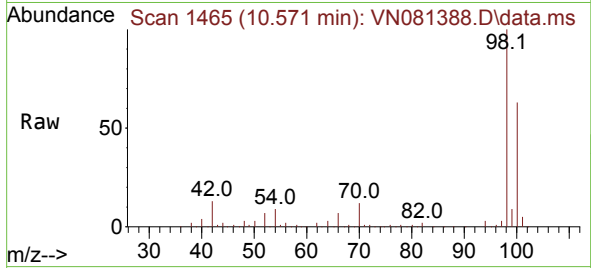




#50
Toluene-d8
Concen: 48.597 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081388.D
Acq: 13 Mar 2024 11:46

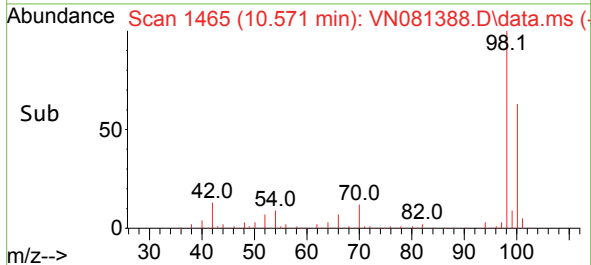
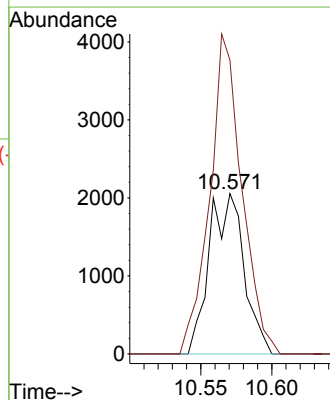
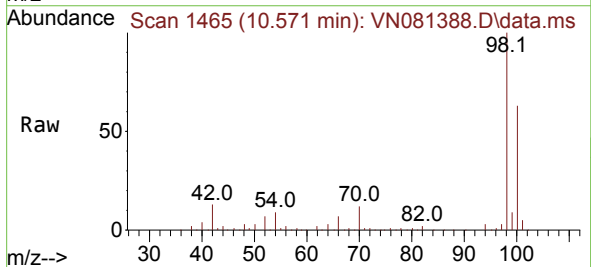
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBL01

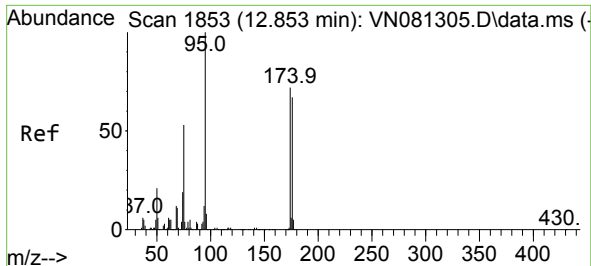
Tgt Ion: 98 Resp: 682408
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN081388.D
Acq: 13 Mar 2024 11:46

Tgt Ion: 43 Resp: 3494
Ion Ratio Lower Upper
43 100
58 184.4 29.4 44.0#

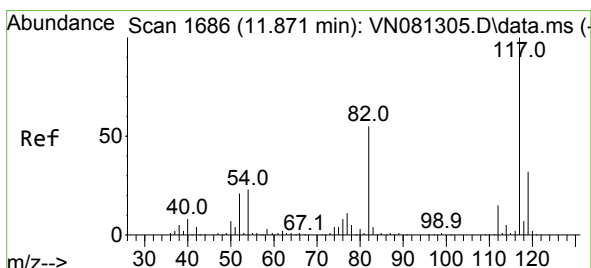
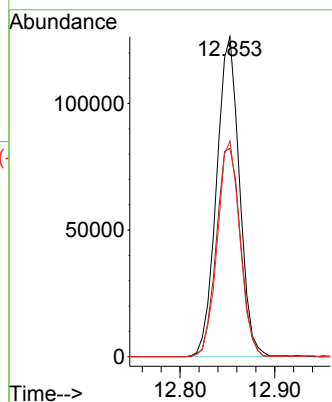
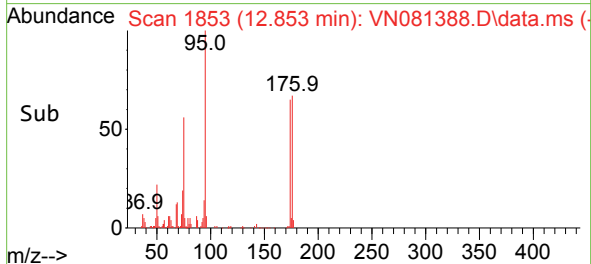
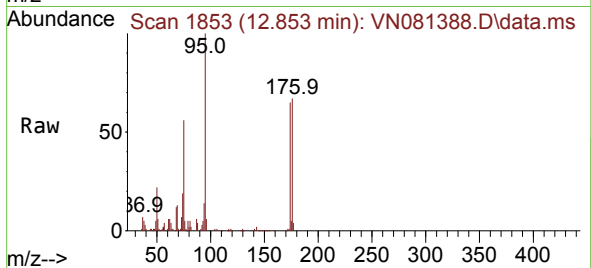




#62
4-Bromofluorobenzene
Concen: 42.774 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081388.D
Acq: 13 Mar 2024 11:46

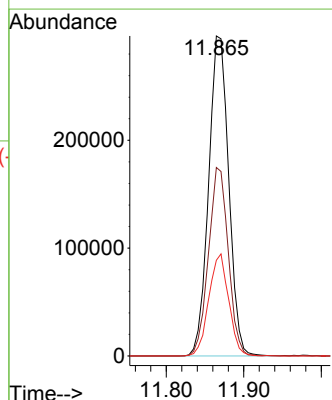
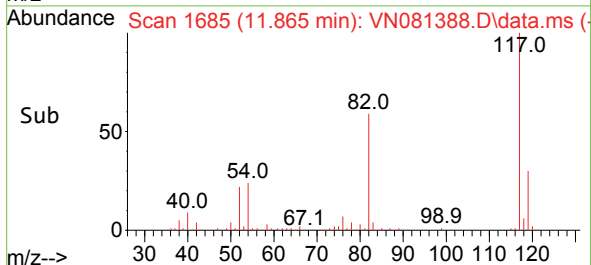
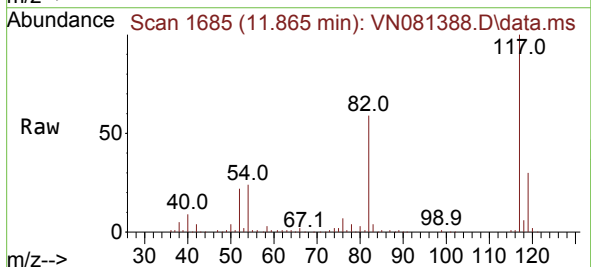
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VN0313WBL01

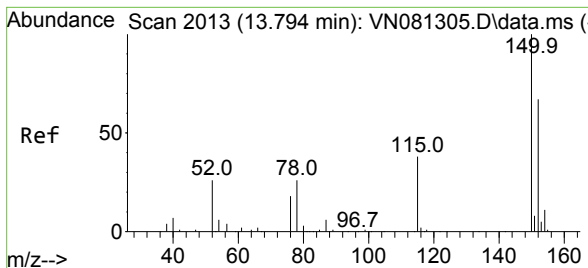
Tgt Ion: 95 Resp: 212293
Ion Ratio Lower Upper
95 100
174 68.7 0.0 120.4
176 66.3 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN081388.D
Acq: 13 Mar 2024 11:46

Tgt Ion: 117 Resp: 534119
Ion Ratio Lower Upper
117 100
82 58.9 52.7 79.1
119 29.9 25.3 37.9

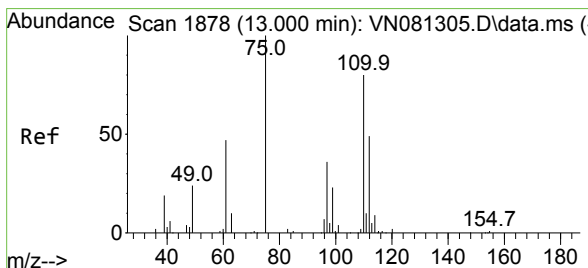
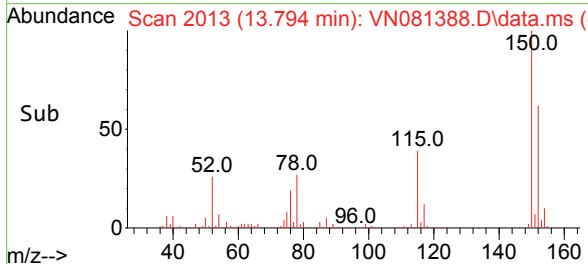
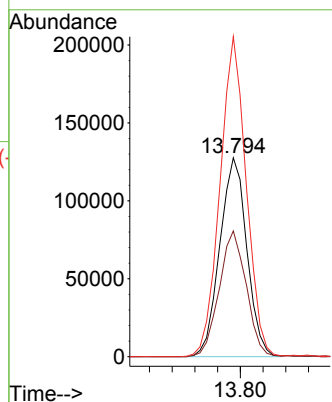
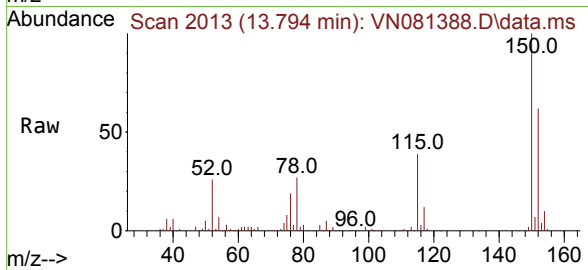




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081388.D
Acq: 13 Mar 2024 11:46

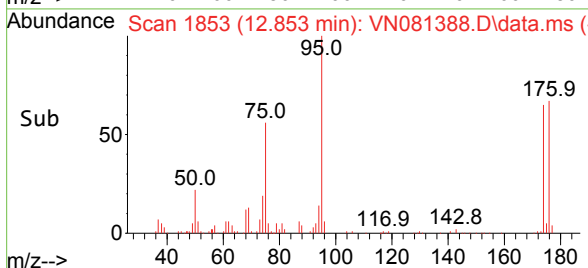
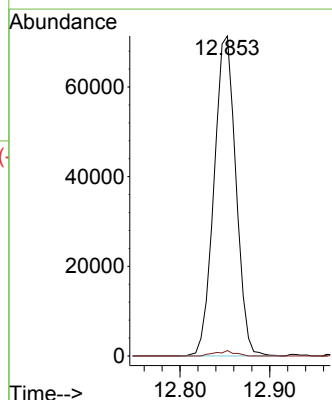
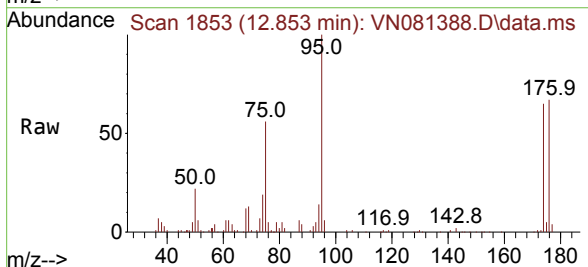
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBL01

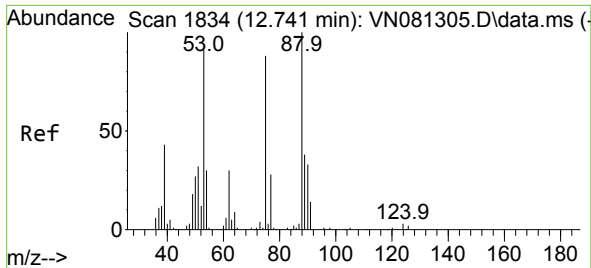
Tgt Ion:152 Resp: 210805
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 156.2 0.0 339.8



#76
1,2,3-Trichloropropane
Concen: 24.268 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN081388.D
Acq: 13 Mar 2024 11:46

Tgt Ion: 75 Resp: 120833
Ion Ratio Lower Upper
75 100
77 1.5 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.727 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081388.D
 Acq: 13 Mar 2024 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBL01

Tgt Ion: 75 Resp: 120833
 Ion Ratio Lower Upper
 75 100
 53 0.2 71.4 107.2#
 89 0.1 33.4 50.0#

