

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081614.D
 Acq On : 29 Mar 2024 14:41
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 30 00:29:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

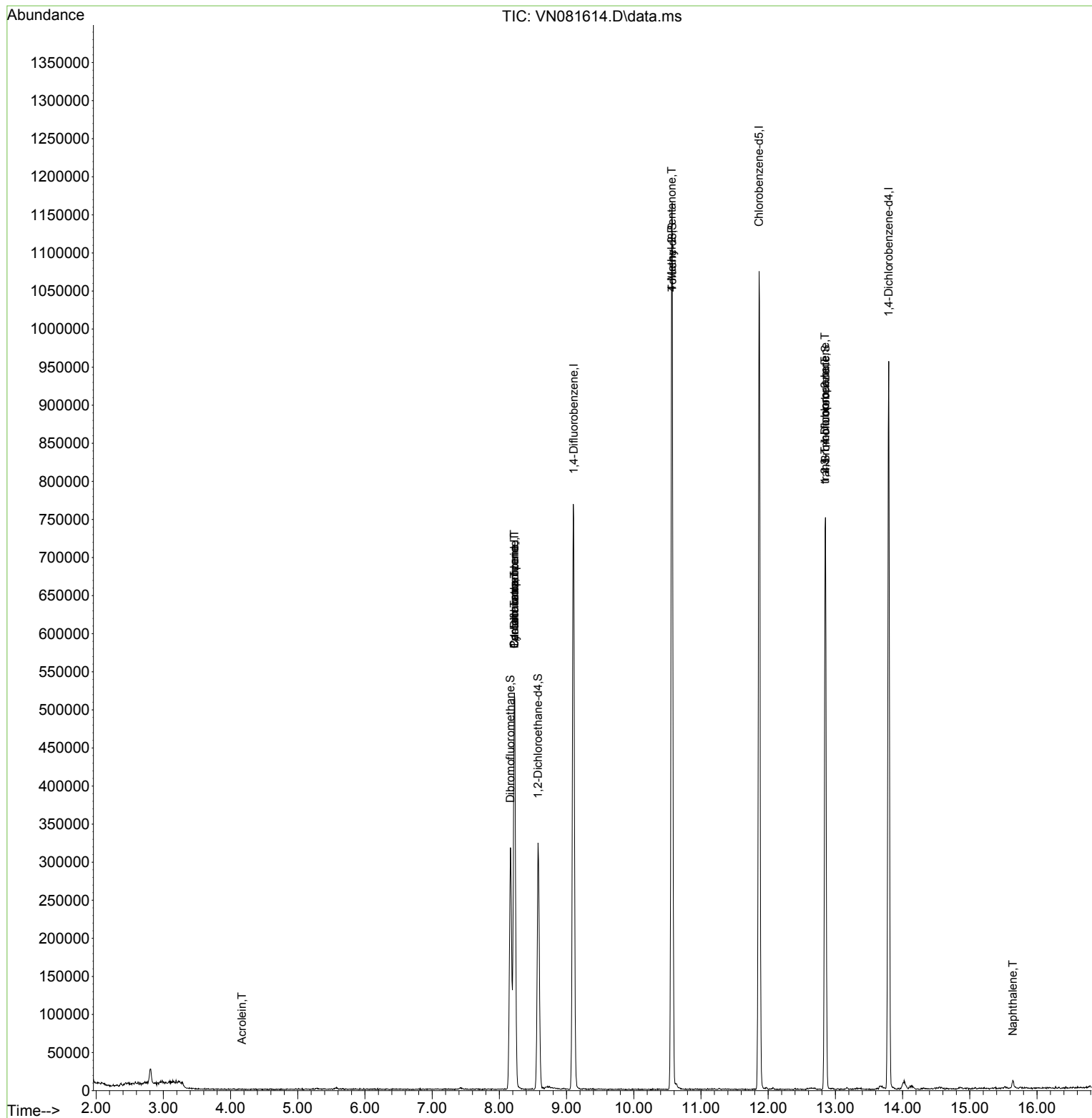
Internal Standards						
1) Pentafluorobenzene	8.224	168	381298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	689493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	632679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	248049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	258315	53.123	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.240%			
35) Dibromofluoromethane	8.165	113	222412	51.113	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.220%			
50) Toluene-d8	10.571	98	821650	52.235	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.480%			
62) 4-Bromofluorobenzene	12.853	95	262559	47.371	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.740%			
Target Compounds						
					Qvalue	
13) Acrolein	4.171	56	158	0.208	ug/l #	15
31) Cyclohexane	8.224	56	8916	1.127	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	32014	4.372	ug/l #	51
38) Carbon Tetrachloride	8.224	117	41651	5.192	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	3045	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	137785	23.222	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	137785	62.753	ug/l #	14
95) Naphthalene	15.641	128	10779	0.623	ug/l	98

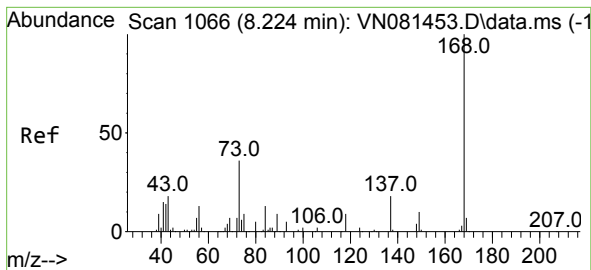
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081614.D

Acq: 29 Mar 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :

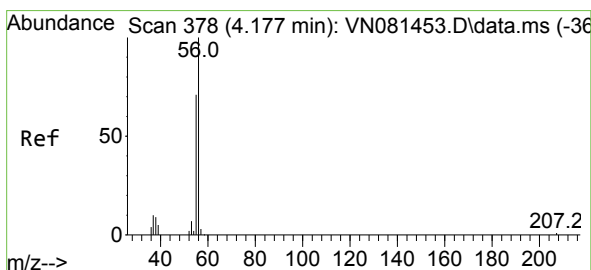
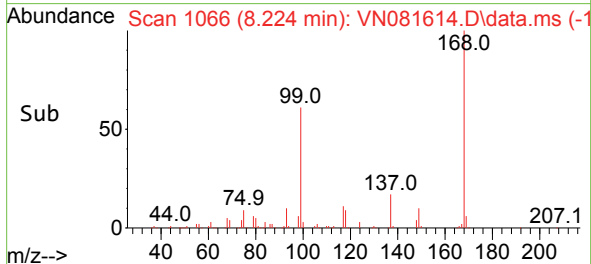
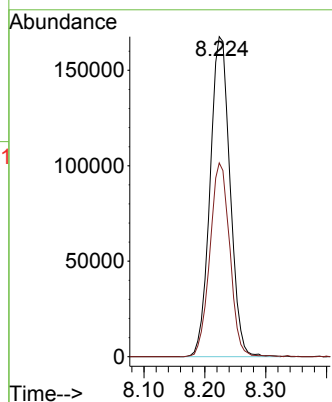
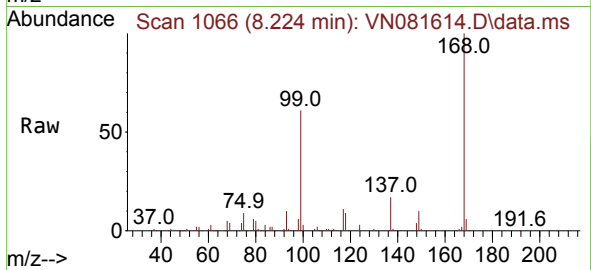
IBLK

Tgt Ion:168 Resp: 381298

Ion Ratio Lower Upper

168 100

99 60.6 59.9 89.9



#13

Acrolein

Concen: 0.208 ug/l

RT: 4.171 min Scan# 377

Delta R.T. -0.006 min

Lab File: VN081614.D

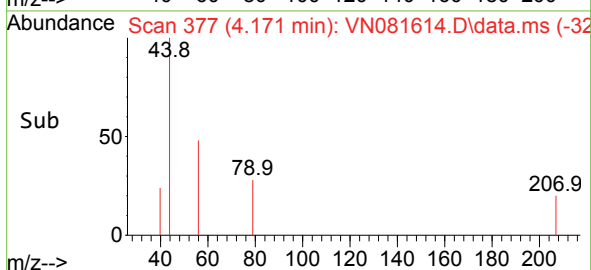
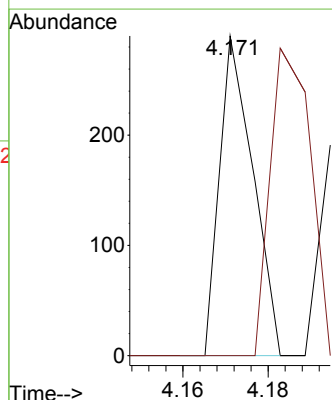
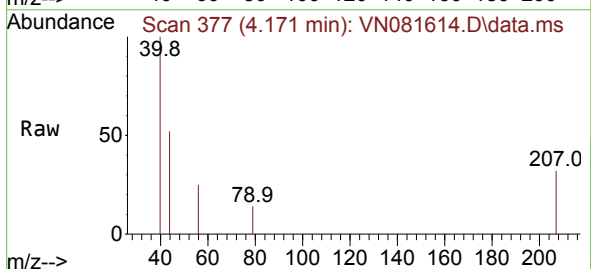
Acq: 29 Mar 2024 14:41

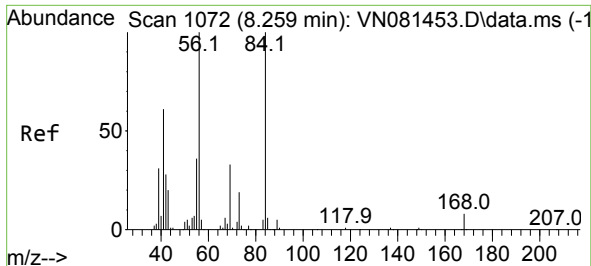
Tgt Ion: 56 Resp: 158

Ion Ratio Lower Upper

56 100

55 0.0 55.3 82.9#

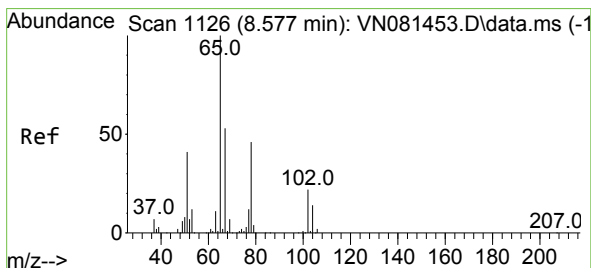
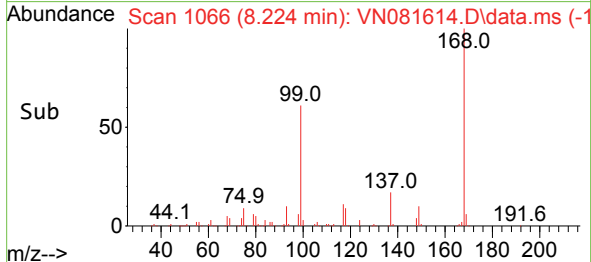
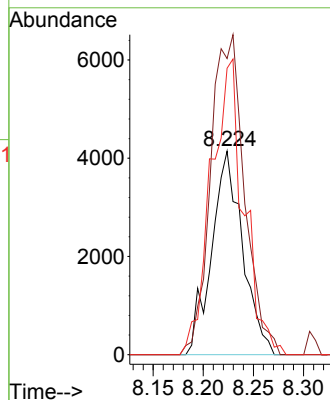
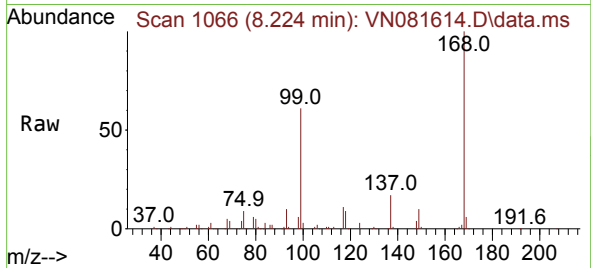




#31
Cyclohexane
Concen: 1.127 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081614.D
Acq: 29 Mar 2024 14:41

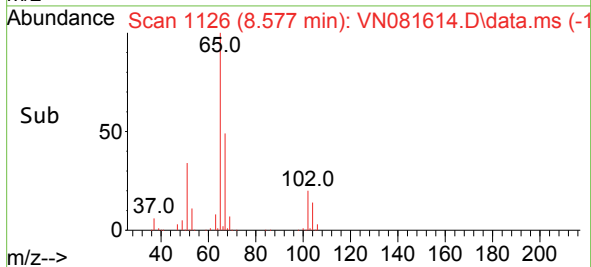
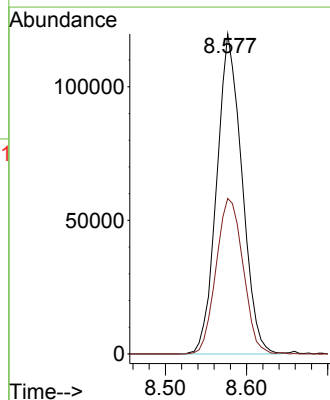
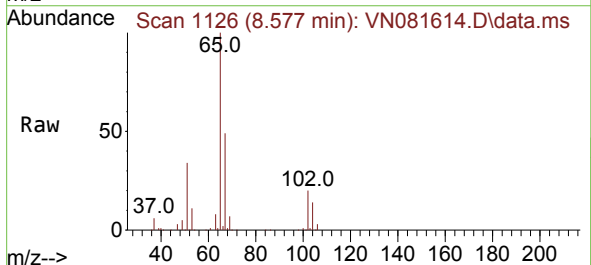
Instrument :
MSVOA_N
ClientSampleId :
IBLK

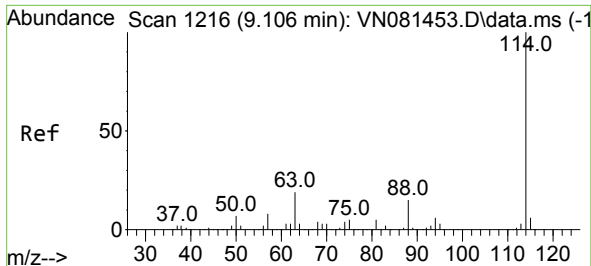
Tgt Ion: 56 Resp: 8916
Ion Ratio Lower Upper
56 100
69 145.6 20.1 30.1#
84 140.7 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 53.123 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081614.D
Acq: 29 Mar 2024 14:41

Tgt Ion: 65 Resp: 258315
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.4

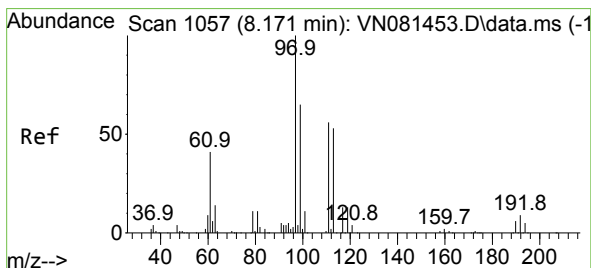
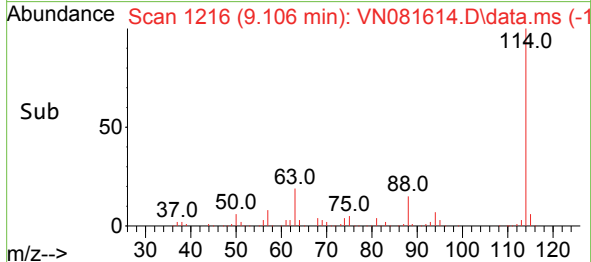
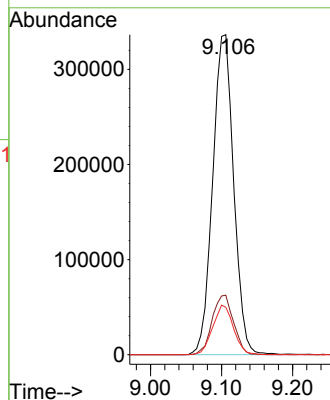
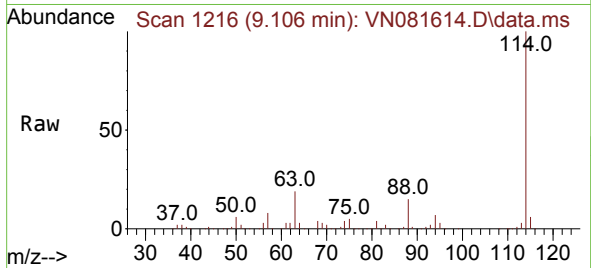




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081614.D
Acq: 29 Mar 2024 14:41

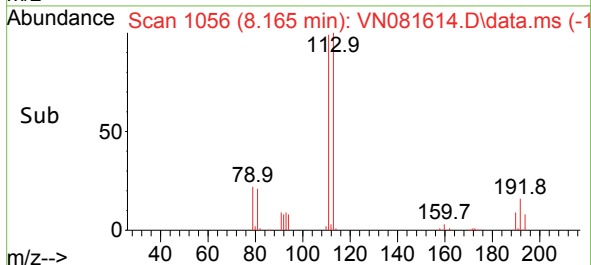
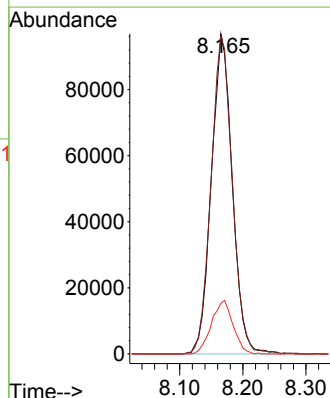
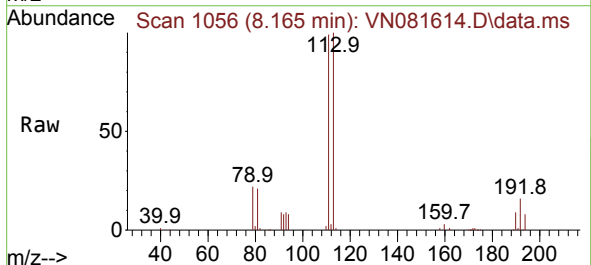
Instrument :
MSVOA_N
ClientSampleId :
IBLK

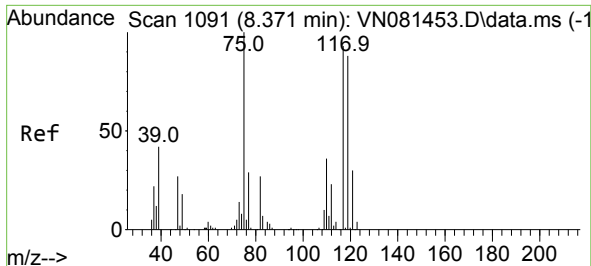
Tgt Ion:114 Resp: 689493
Ion Ratio Lower Upper
114 100
63 18.6 0.0 48.0
88 14.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.113 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081614.D
Acq: 29 Mar 2024 14:41

Tgt Ion:113 Resp: 222412
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 17.3 12.5 18.7

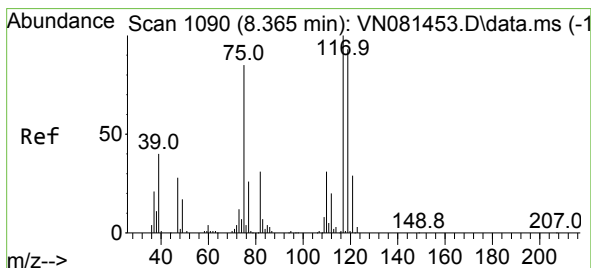
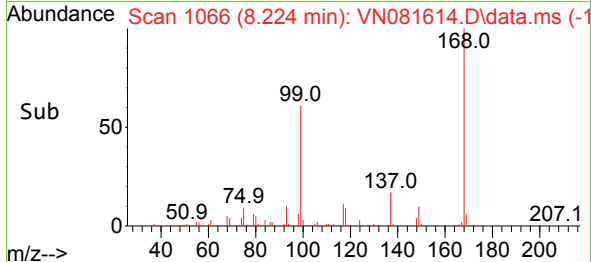
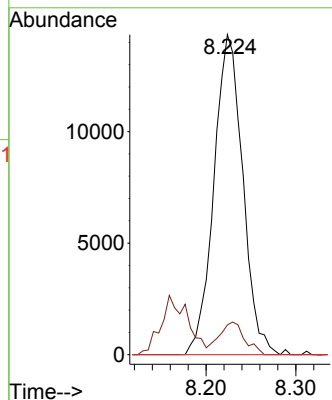
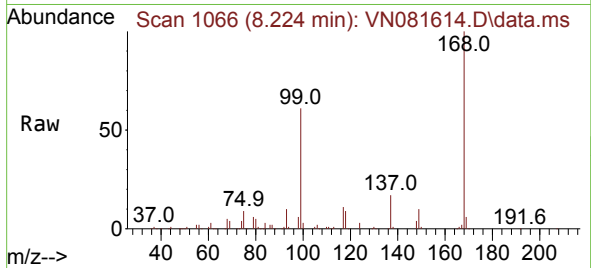




#36
1,1-Dichloropropene
Concen: 4.372 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081614.D
Acq: 29 Mar 2024 14:41

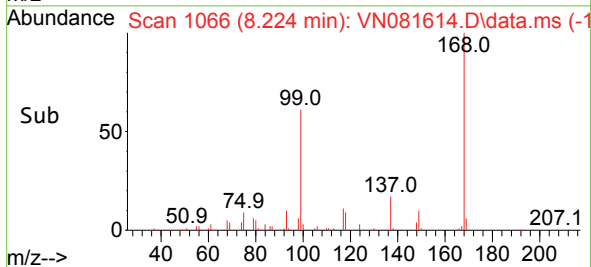
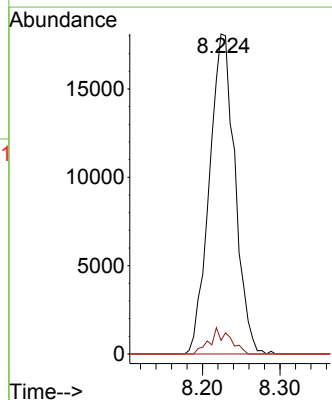
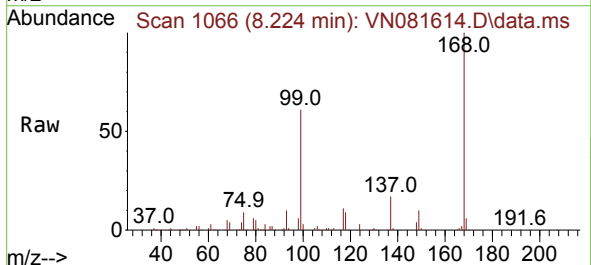
Instrument :
MSVOA_N
ClientSampleId :
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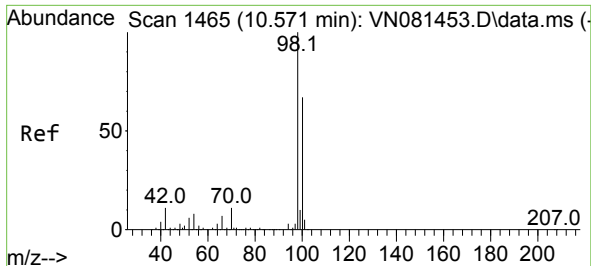
Tgt Ion: 75 Resp: 32014
Ion Ratio Lower Upper
75 100
110 9.1 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.192 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081614.D
Acq: 29 Mar 2024 14:41

Tgt Ion: 117 Resp: 41651
Ion Ratio Lower Upper
117 100
119 4.3 73.4 110.2#
121 0.0 24.4 36.6#

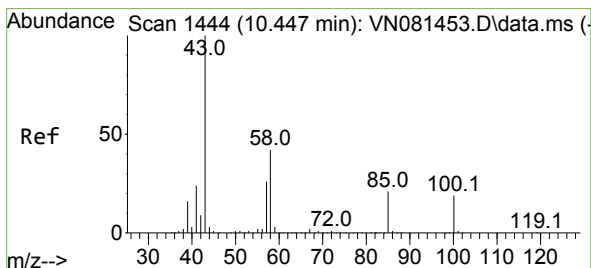
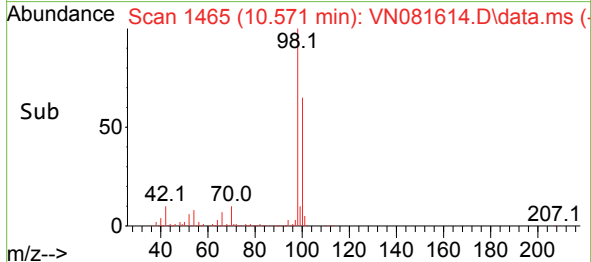
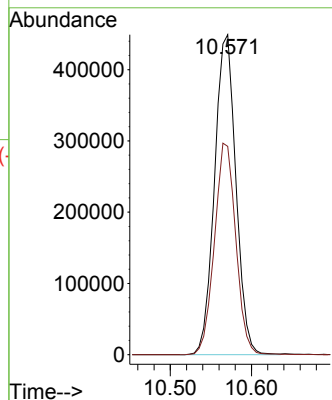
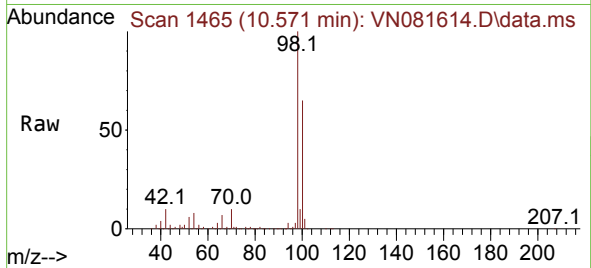




#50
Toluene-d8
Concen: 52.235 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081614.D
Acq: 29 Mar 2024 14:41

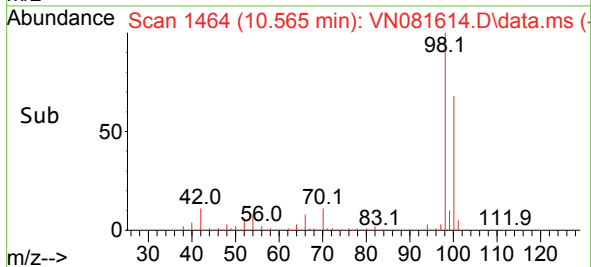
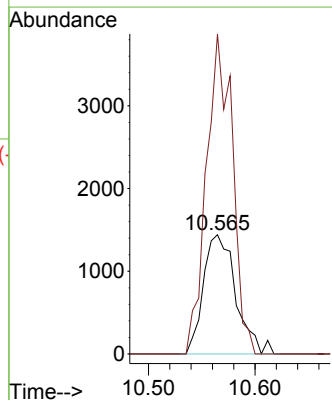
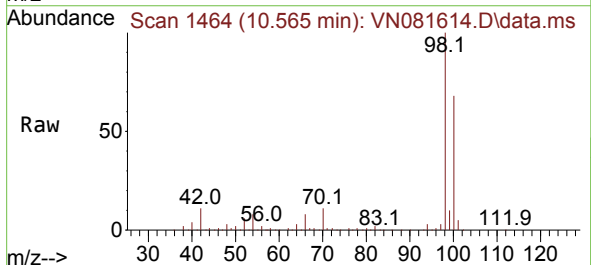
Instrument :
MSVOA_N
ClientSampleId :
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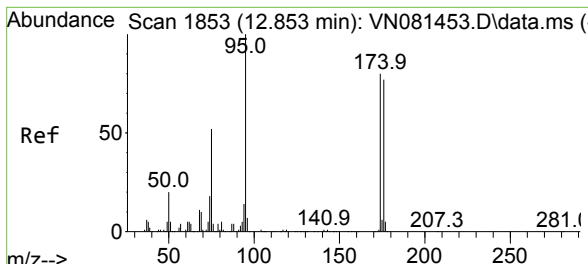
Tgt Ion: 98 Resp: 821650
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN081614.D
Acq: 29 Mar 2024 14:41

Tgt Ion: 43 Resp: 3045
Ion Ratio Lower Upper
43 100
58 216.0 29.4 44.0#

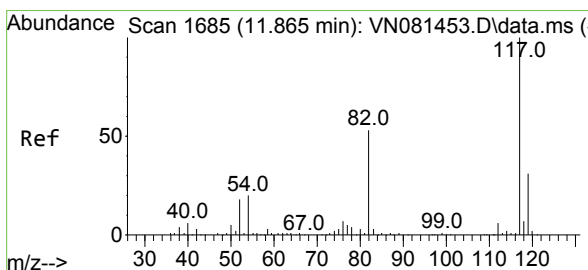
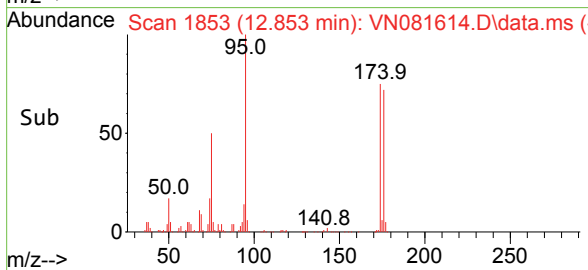
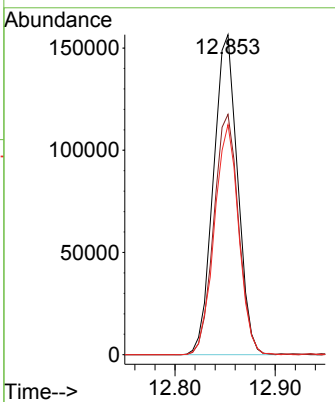
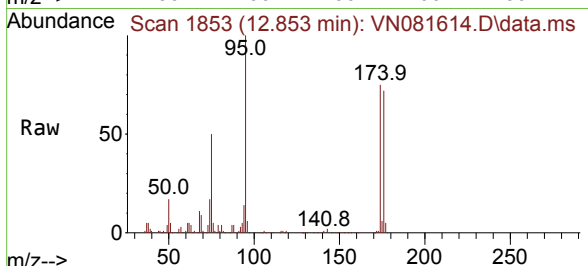




#62
 4-Bromofluorobenzene
 Concen: 47.371 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN081614.D
 Acq: 29 Mar 2024 14:41

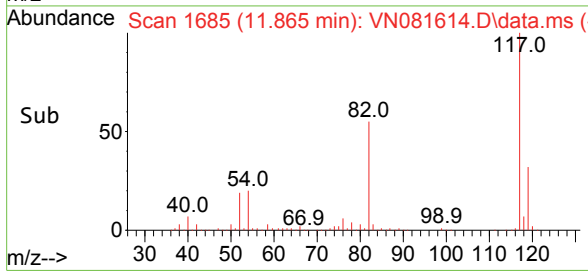
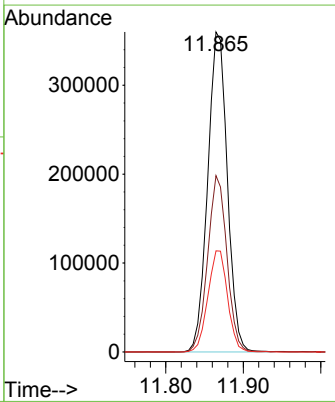
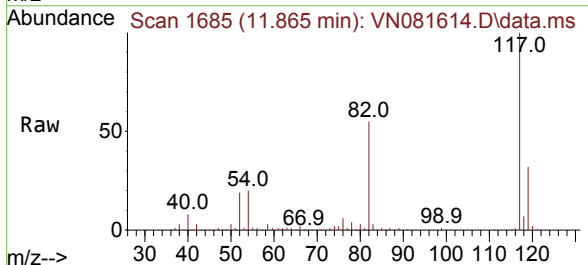
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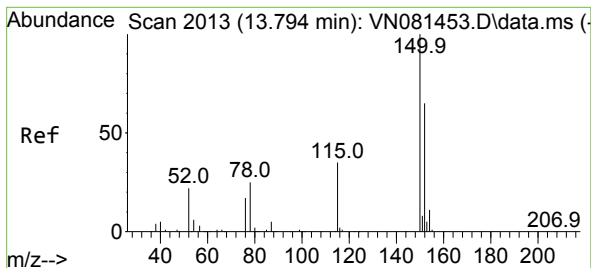
Tgt Ion:	95	Resp:	262559
Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	120.4
176	72.3	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081614.D
 Acq: 29 Mar 2024 14:41

Tgt Ion:	117	Resp:	632679
Ion	Ratio	Lower	Upper
117	100		
82	55.1	52.7	79.1
119	31.6	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN081614.D

Acq: 29 Mar 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :

IBLK

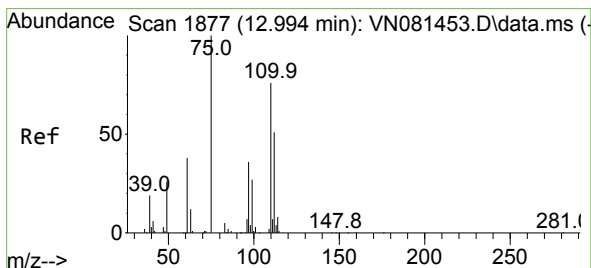
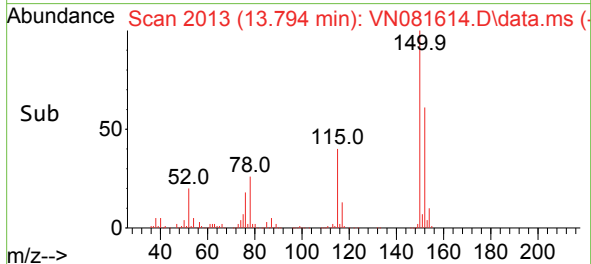
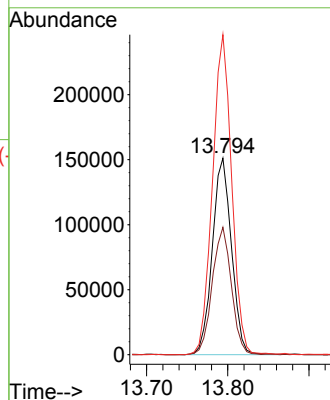
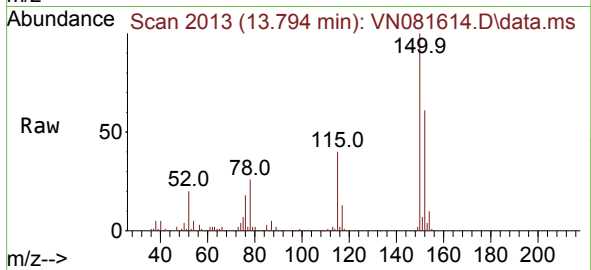
Tgt Ion:152 Resp: 248049

Ion Ratio Lower Upper

152 100

115 64.7 32.3 96.8

150 162.9 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 23.222 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081614.D

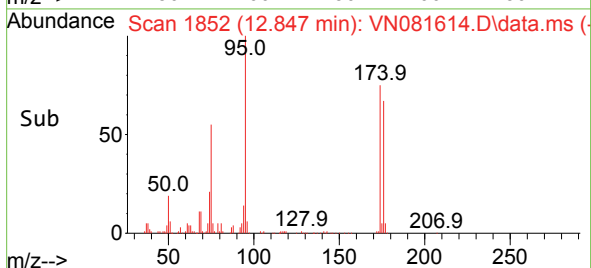
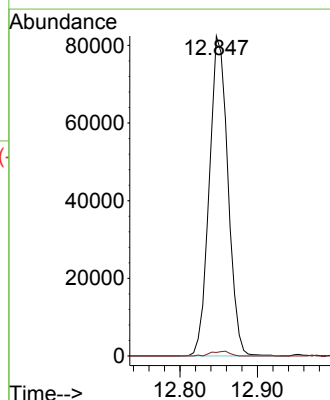
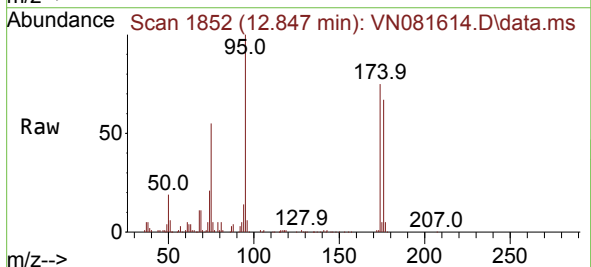
Acq: 29 Mar 2024 14:41

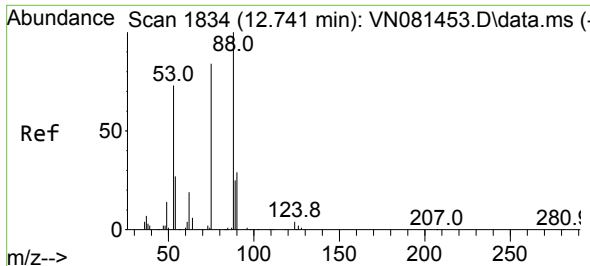
Tgt Ion: 75 Resp: 137785

Ion Ratio Lower Upper

75 100

77 1.5 91.0 272.8#

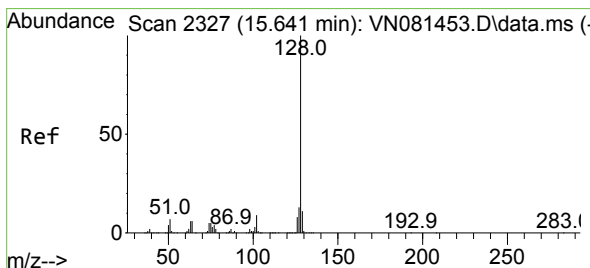
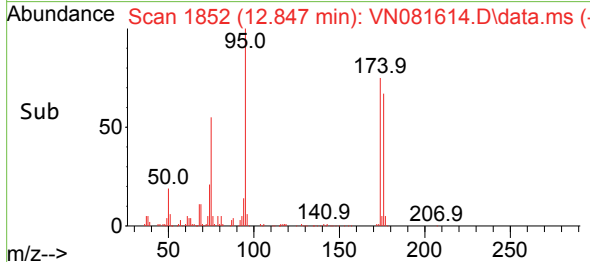
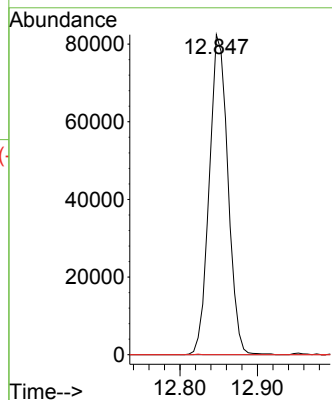
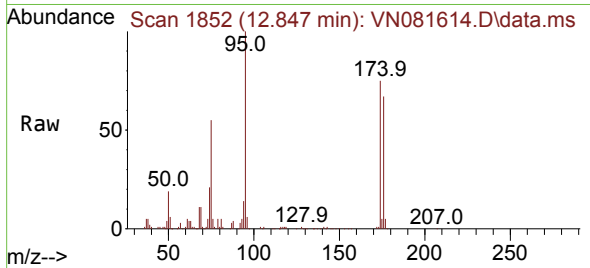




#81
trans-1,4-Dichloro-2-butene
Concen: 62.753 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081614.D
Acq: 29 Mar 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 137785
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#



#95
Naphthalene
Concen: 0.623 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081614.D
Acq: 29 Mar 2024 14:41

Tgt Ion: 128 Resp: 10779
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 10.5 8.7 13.1

