

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081494.D
 Acq On : 20 Mar 2024 15:23
 Operator : JC\MD
 Sample : P1784-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 21 01:20:21 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)

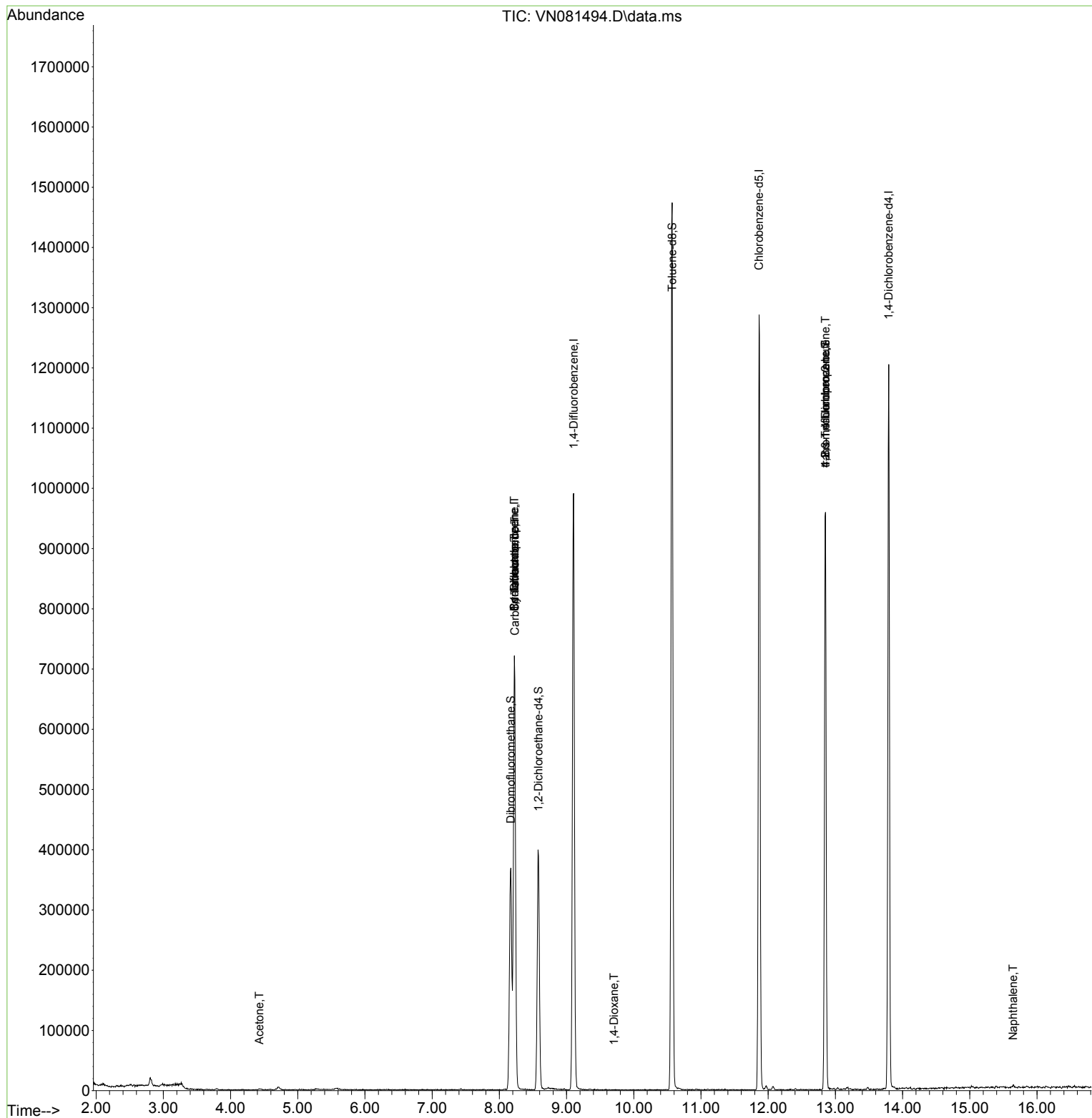
Internal Standards						
1) Pentafluorobenzene	8.224	168	523252	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	884284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	775743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	320620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	319724	47.914	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.820%
35) Dibromofluoromethane	8.171	113	270746	48.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.020%
50) Toluene-d8	10.571	98	1037215	51.414	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.853	95	338750	47.655	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.300%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	3225	1.495	ug/l	# 69
31) Cyclohexane	8.224	56	11636	1.072	ug/l	# 1
36) 1,1-Dichloropropene	8.224	75	42788	4.556	ug/l	# 51
38) Carbon Tetrachloride	8.229	117	55946	5.438	ug/l	# 17
49) 1,4-Dioxane	9.706	88	78	0.528	ug/l	# 21
76) 1,2,3-Trichloropropane	12.853	75	180655	23.555	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	180655	63.654	ug/l	# 14
95) Naphthalene	15.647	128	5266	0.235	ug/l	# 92

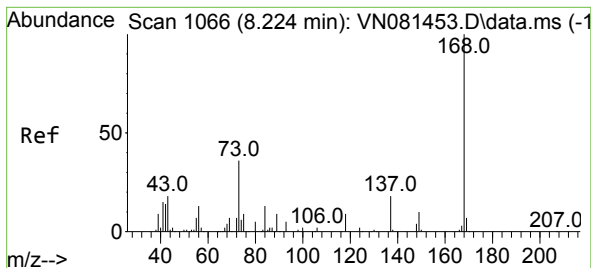
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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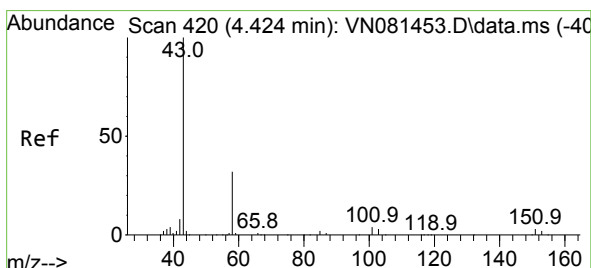
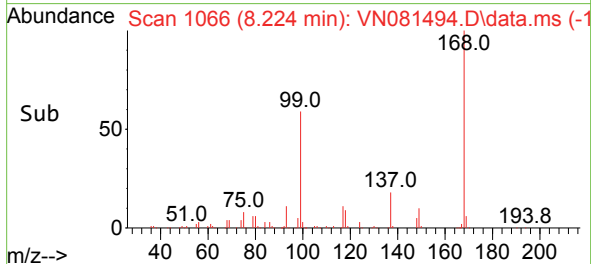
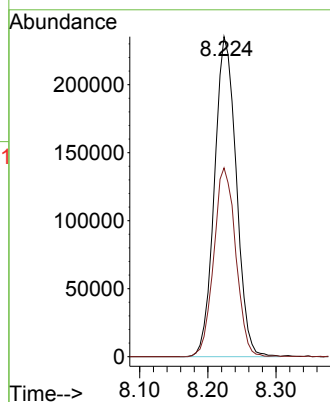
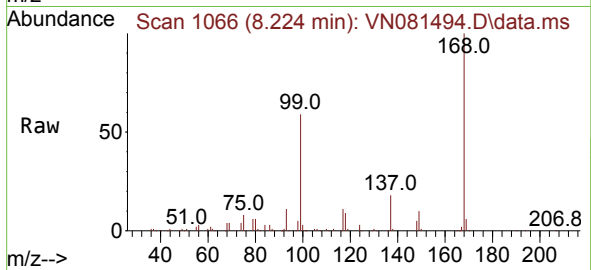




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081494.D
Acq: 20 Mar 2024 15:23

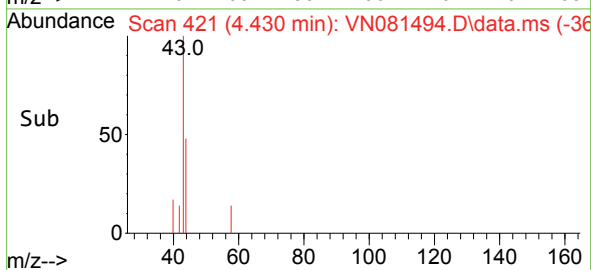
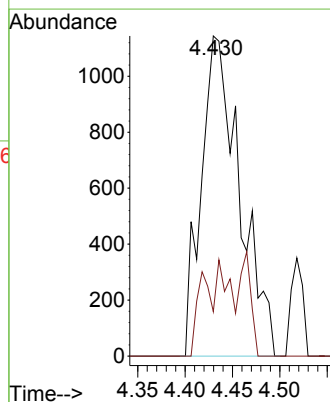
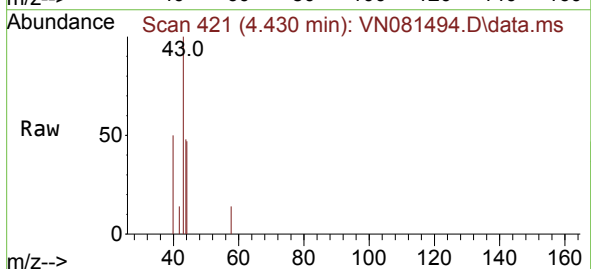
Instrument :
MSVOA_N
ClientSampleId :

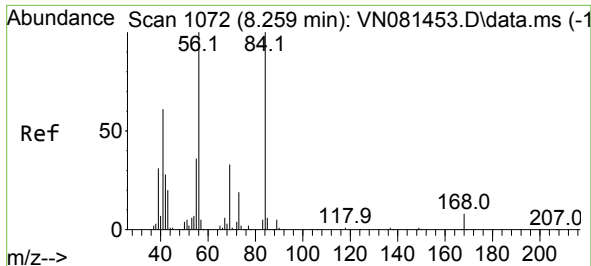
Tgt Ion:168 Resp: 523252
Ion Ratio Lower Upper
168 100
99 59.0 59.9 89.9#



#16
Acetone
Concen: 1.495 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081494.D
Acq: 20 Mar 2024 15:23

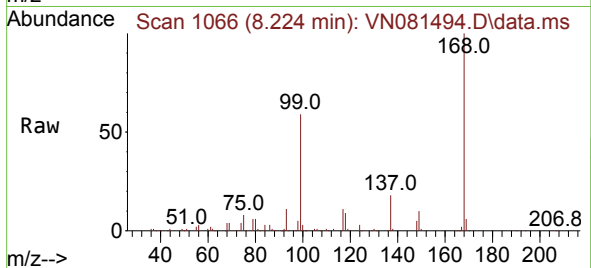
Tgt Ion: 43 Resp: 3225
Ion Ratio Lower Upper
43 100
58 13.9 24.8 37.2#



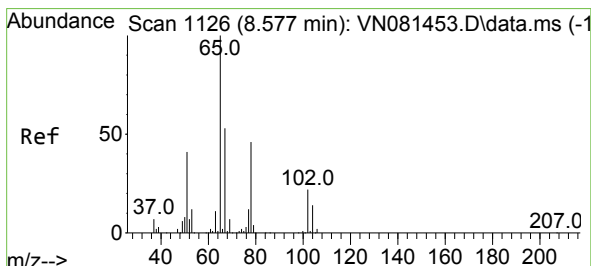
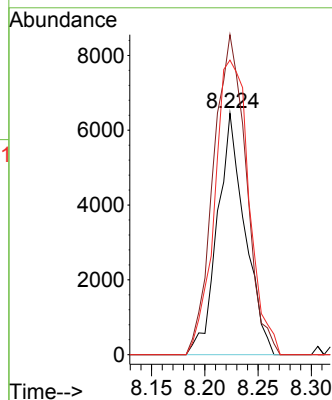
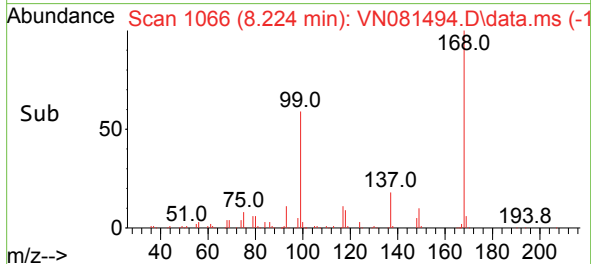


#31
Cyclohexane
Concen: 1.072 ug/l
RT: 8.224 min Scan# 11636
Delta R.T. -0.035 min
Lab File: VN081494.D
Acq: 20 Mar 2024 15:23

Instrument :
MSVOA_N
ClientSampleId :

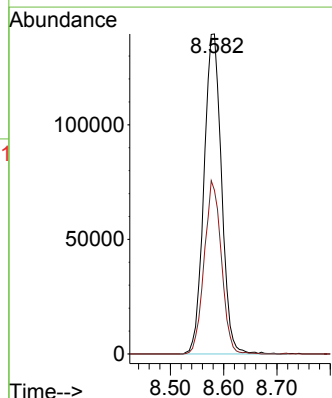
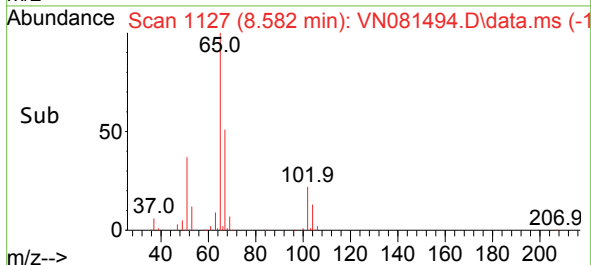
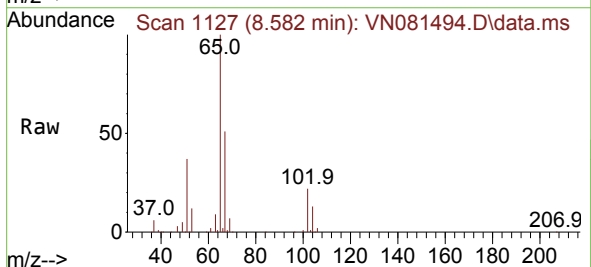


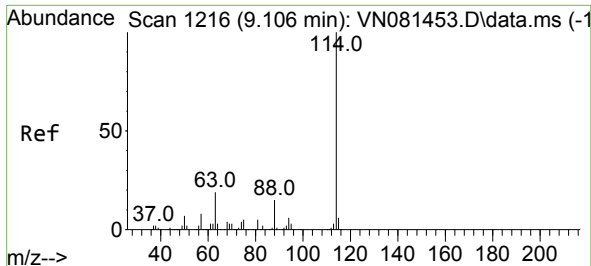
Tgt Ion: 56 Resp: 11636
Ion Ratio Lower Upper
56 100
69 132.5 20.1 30.1#
84 122.0 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 47.914 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081494.D
Acq: 20 Mar 2024 15:23

Tgt Ion: 65 Resp: 319724
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.4

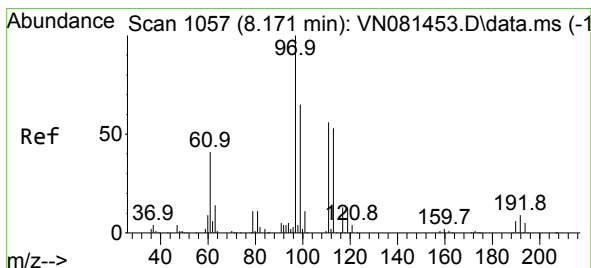
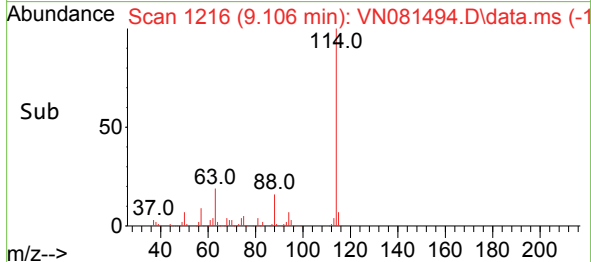
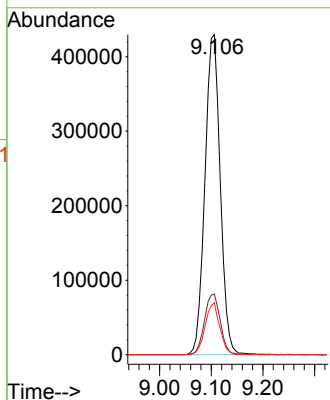
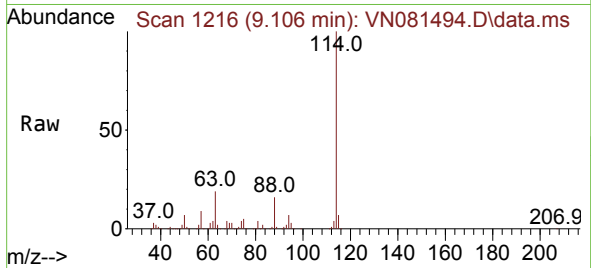




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081494.D
Acq: 20 Mar 2024 15:23

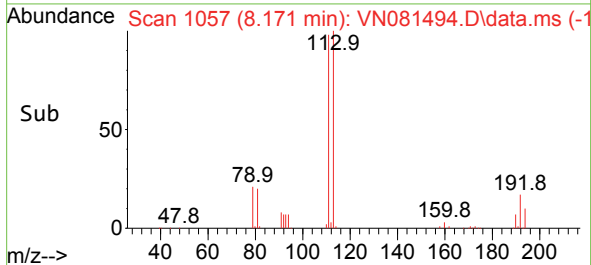
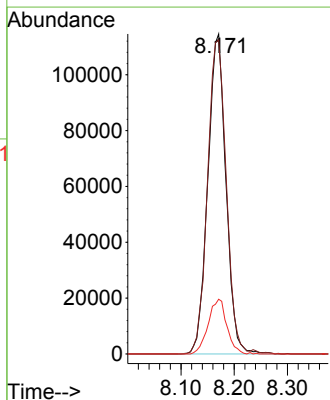
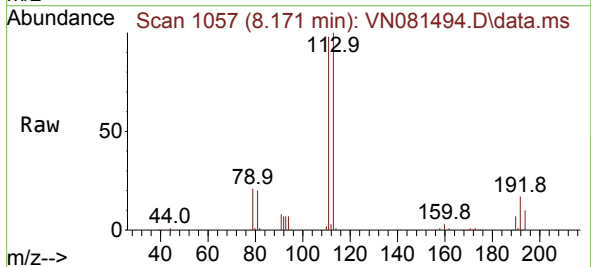
Instrument :
MSVOA_N
ClientSampleId :

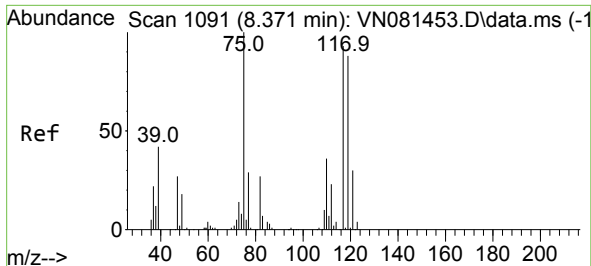
Tgt Ion:114 Resp: 884284
Ion Ratio Lower Upper
114 100
63 19.0 0.0 48.0
88 16.2 0.0 34.8



#35
Dibromofluoromethane
Concen: 48.514 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081494.D
Acq: 20 Mar 2024 15:23

Tgt Ion:113 Resp: 270746
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 17.6 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.556 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081494.D

Acq: 20 Mar 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

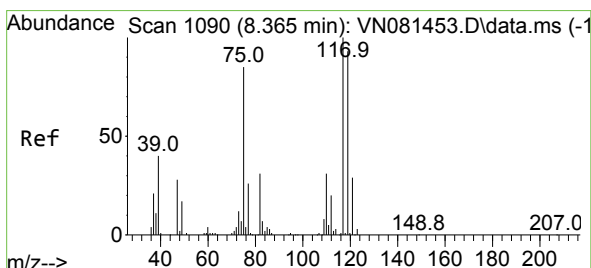
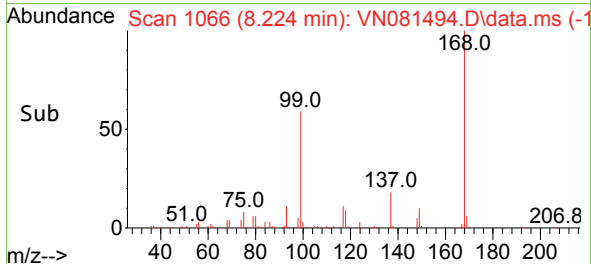
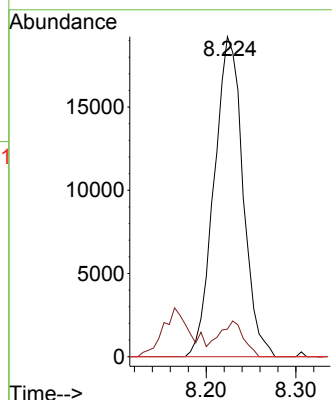
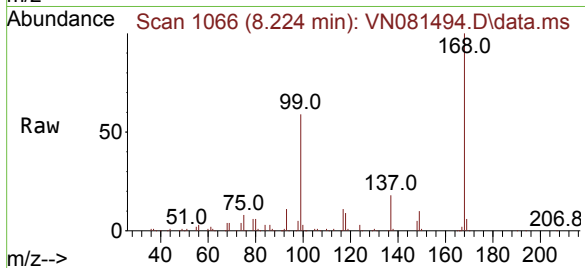
Tgt Ion: 75 Resp: 42788

Ion Ratio Lower Upper

75 100

110 9.6 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 5.438 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081494.D

Acq: 20 Mar 2024 15:23

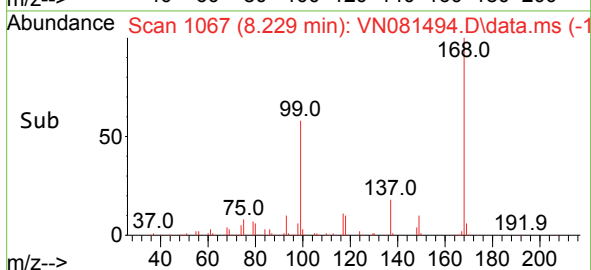
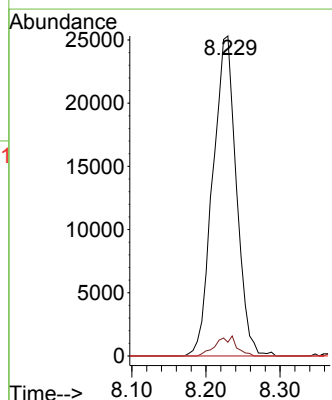
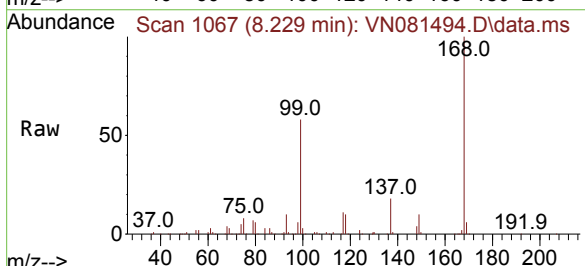
Tgt Ion: 117 Resp: 55946

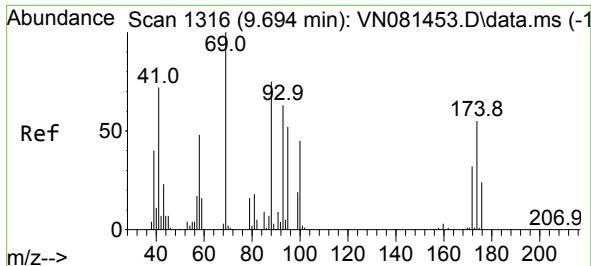
Ion Ratio Lower Upper

117 100

119 4.3 73.4 110.2#

121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 0.528 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

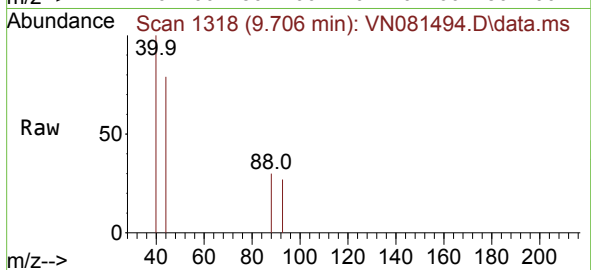
Lab File: VN081494.D

Acq: 20 Mar 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :



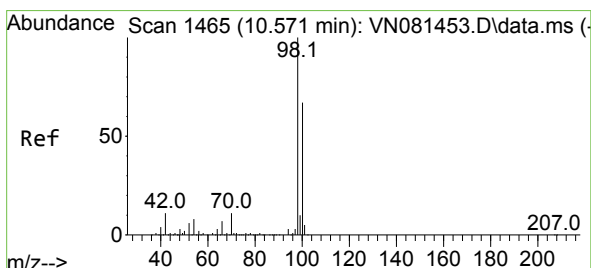
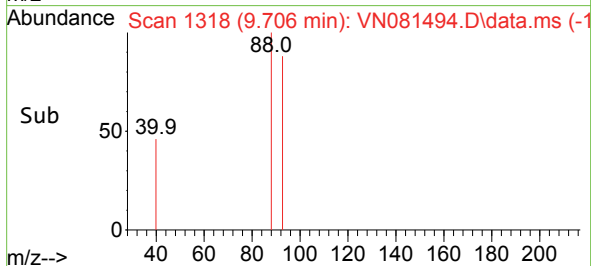
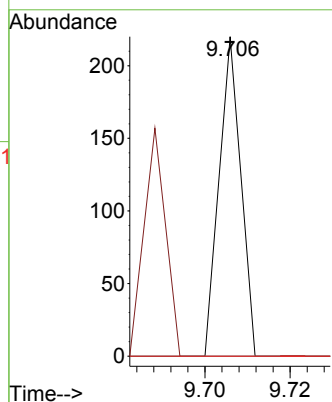
Tgt Ion: 88 Resp: 78

Ion Ratio Lower Upper

88 100

43 70.5 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 51.414 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081494.D

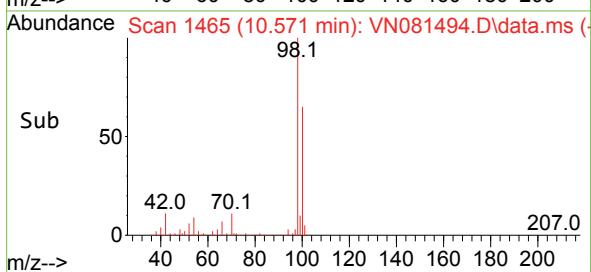
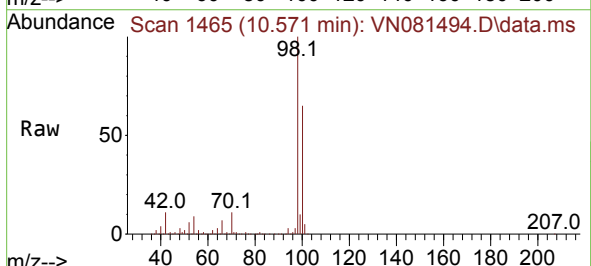
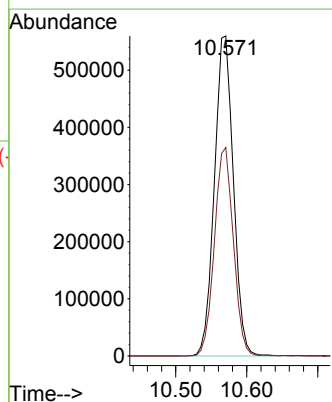
Acq: 20 Mar 2024 15:23

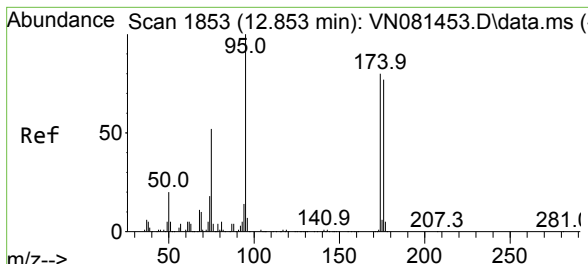
Tgt Ion: 98 Resp: 1037215

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0

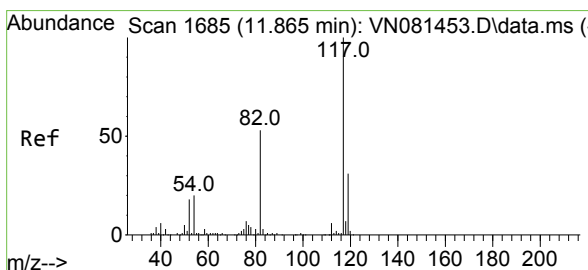
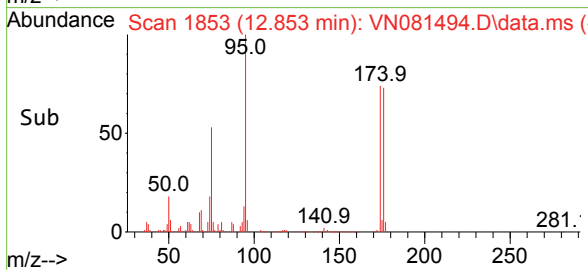
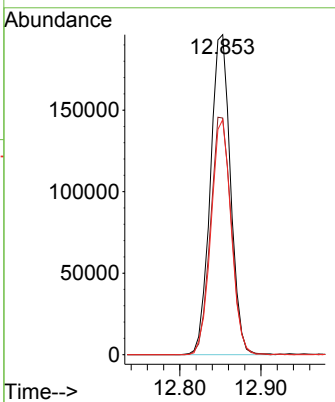
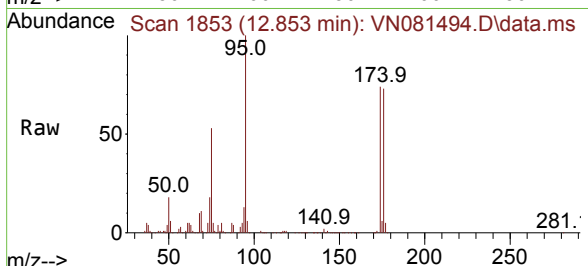




#62
 4-Bromofluorobenzene
 Concen: 47.655 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN081494.D
 Acq: 20 Mar 2024 15:23

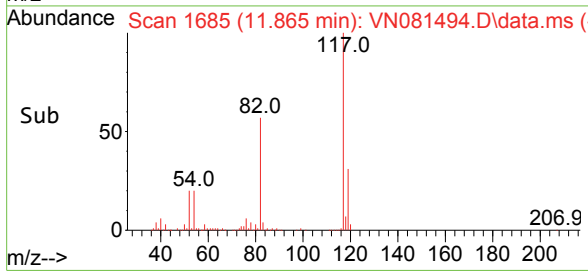
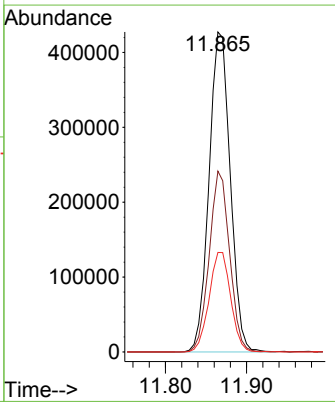
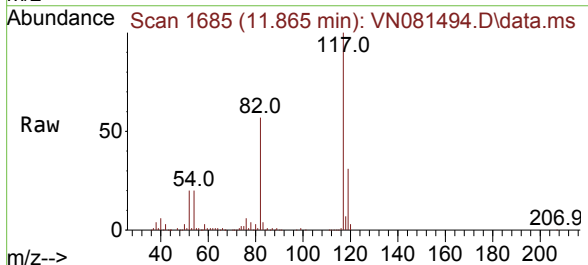
Instrument :
 MSVOA_N
 ClientSampleId :

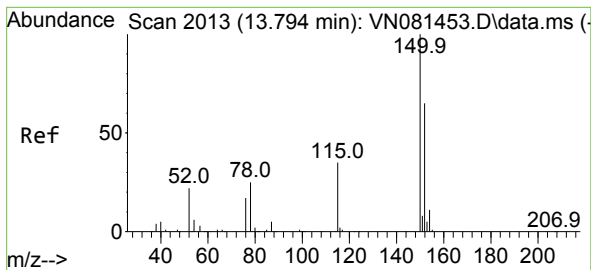
Tgt Ion:	95	Resp:	338750
Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	120.4
176	73.2	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081494.D
 Acq: 20 Mar 2024 15:23

Tgt Ion:	117	Resp:	775743
Ion	Ratio	Lower	Upper
117	100		
82	56.5	52.7	79.1
119	31.1	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

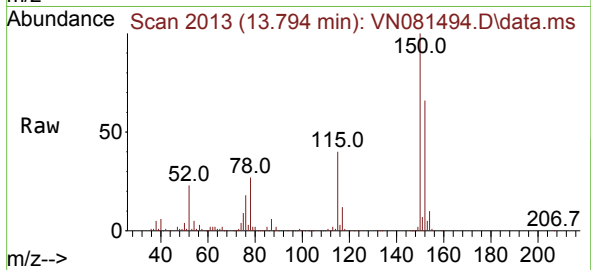
Lab File: VN081494.D

Acq: 20 Mar 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :



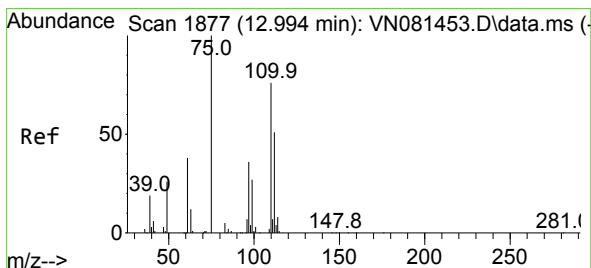
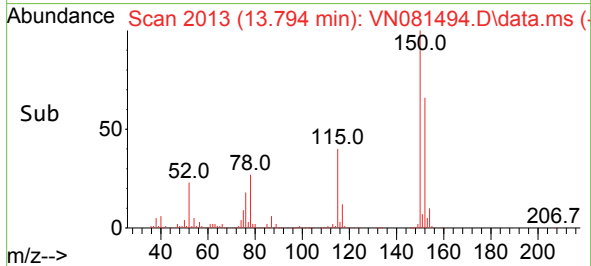
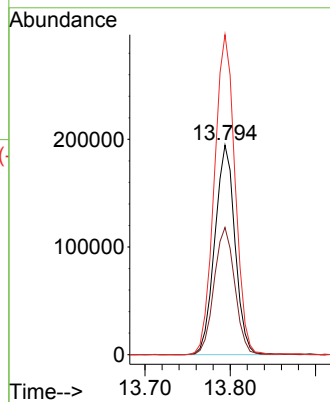
Tgt Ion:152 Resp: 320620

Ion Ratio Lower Upper

152 100

115 62.0 32.3 96.8

150 156.5 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 23.555 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081494.D

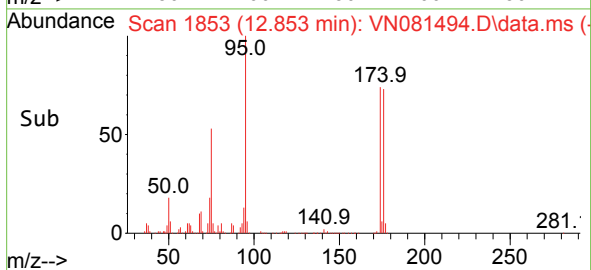
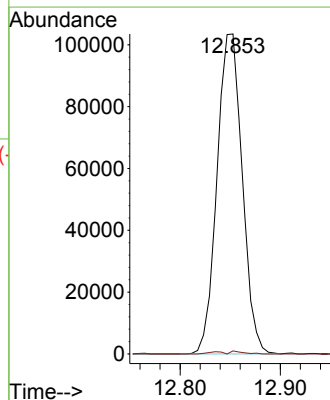
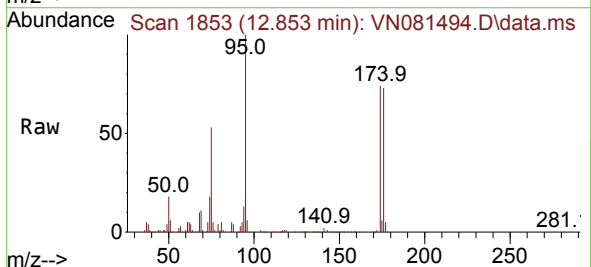
Acq: 20 Mar 2024 15:23

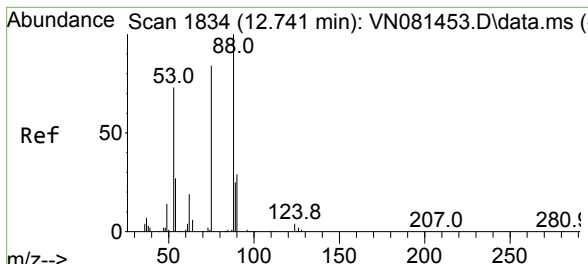
Tgt Ion: 75 Resp: 180655

Ion Ratio Lower Upper

75 100

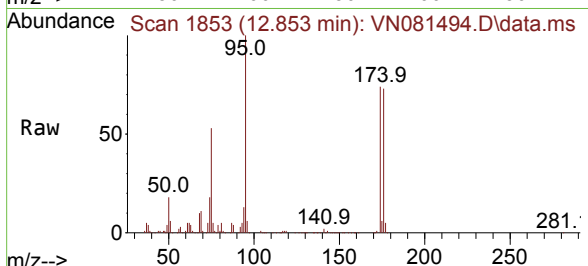
77 0.5 91.0 272.8#



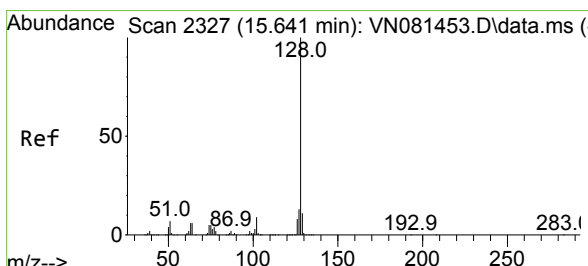
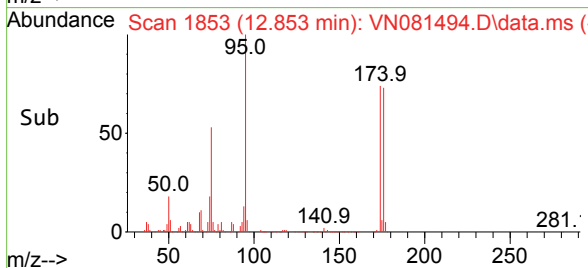
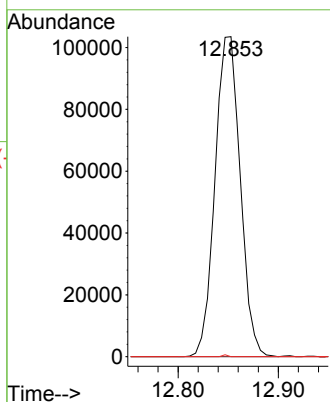


#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.654 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN081494.D
 Acq: 20 Mar 2024 15:23

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 180655
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.1 33.4 50.0#



#95
 Naphthalene
 Concen: 0.235 ug/l
 RT: 15.647 min Scan# 2328
 Delta R.T. 0.006 min
 Lab File: VN081494.D
 Acq: 20 Mar 2024 15:23

Tgt Ion:128 Resp: 5266
 Ion Ratio Lower Upper
 128 100
 127 10.7 10.0 15.0
 129 6.3 8.7 13.1#

