

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081726.D
 Acq On : 12 Apr 2024 18:31
 Operator : JC\MD
 Sample : P2075-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 13 07:00:40 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)

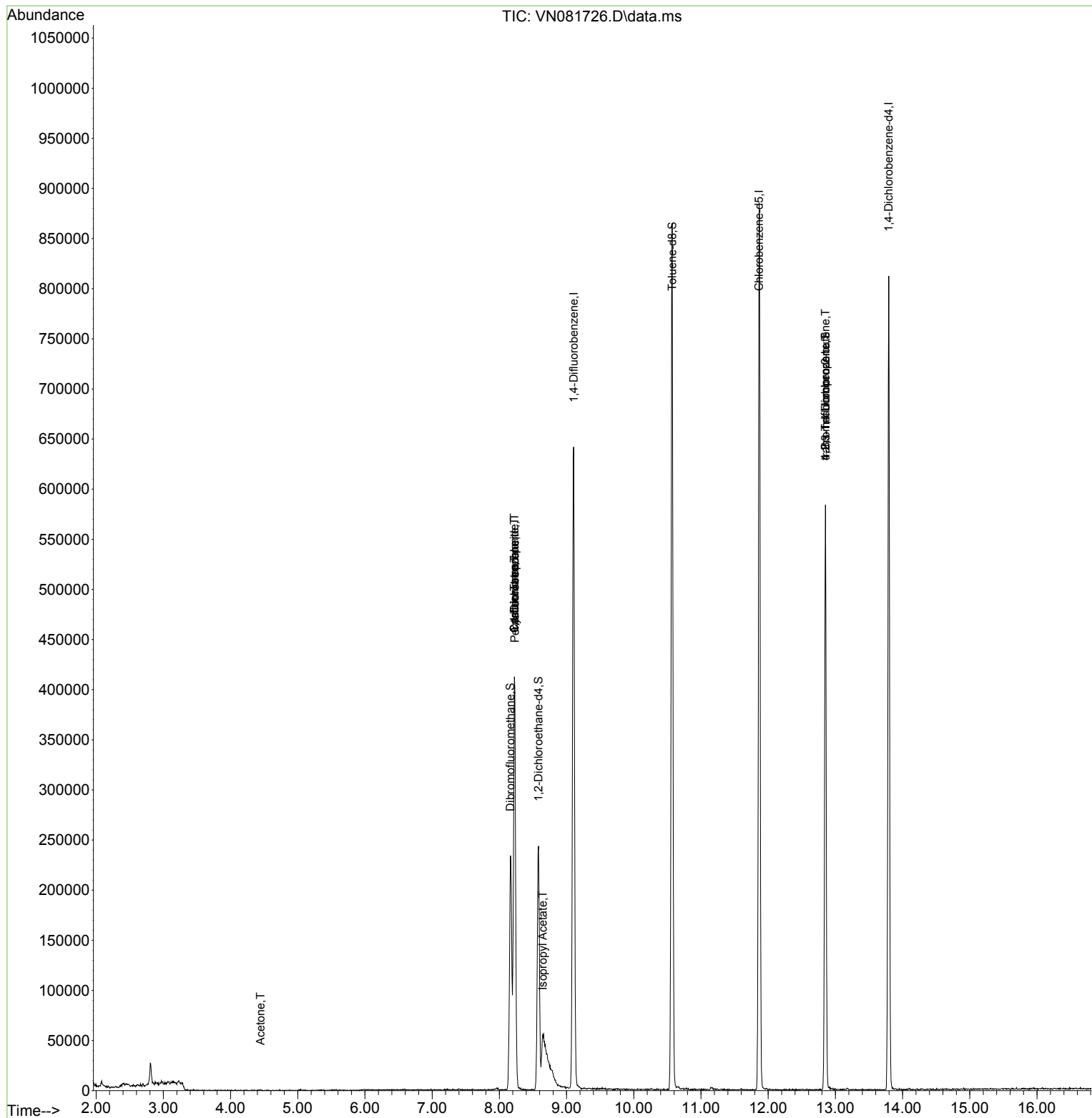
Internal Standards						
1) Pentafluorobenzene	8.229	168	284548	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	563534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	511747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	200272	55.190	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.380%
35) Dibromofluoromethane	8.165	113	161962	45.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.080%
50) Toluene-d8	10.570	98	591496	46.009	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.853	95	186286	41.122	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	82.240%
Target Compounds						
						Qvalue
16) Acetone	4.447	43	691	0.589	ug/l	# 44
31) Cyclohexane	8.224	56	7811	1.323	ug/l	# 1
36) 1,1-Dichloropropene	8.224	75	25176	4.206	ug/l	# 53
38) Carbon Tetrachloride	8.224	117	32491	4.956	ug/l	# 19
43) Isopropyl Acetate	8.647	43	50967	5.999	ug/l	# 59
76) 1,2,3-Trichloropropane	12.853	75	102768	20.436	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	102768	55.226	ug/l	# 14

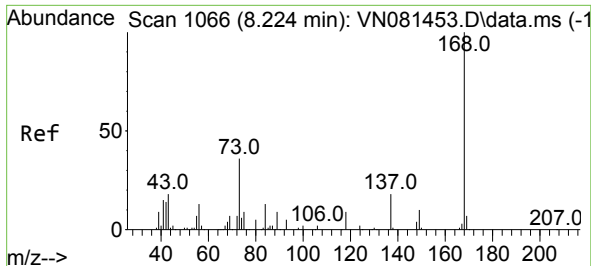
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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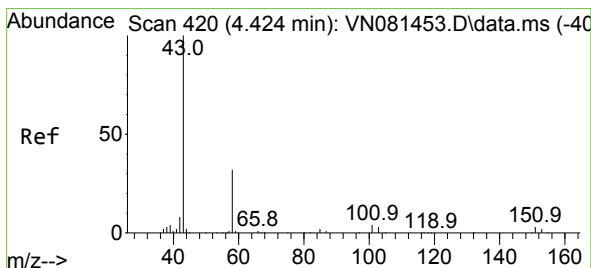
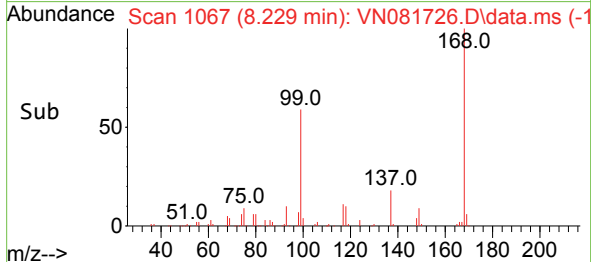
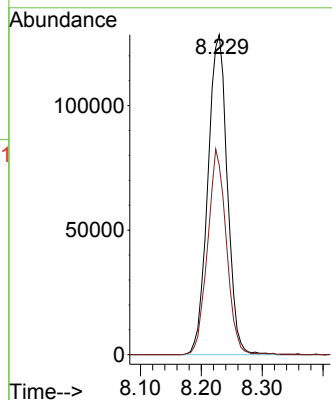
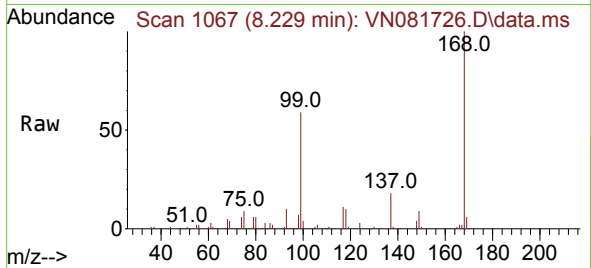




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081726.D
Acq: 12 Apr 2024 18:31

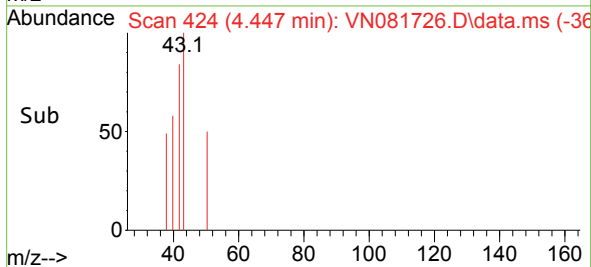
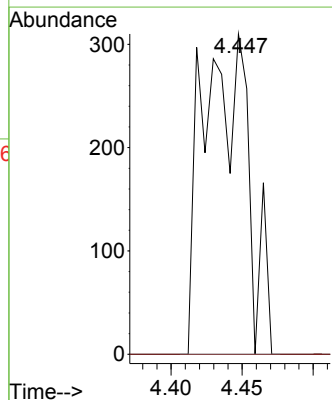
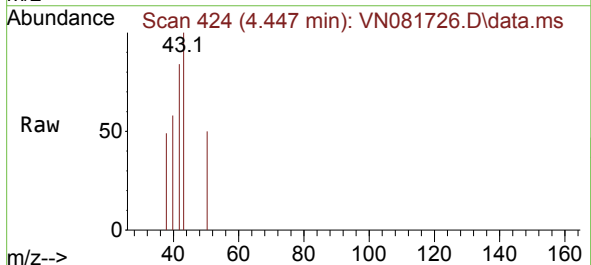
Instrument :
MSVOA_N
ClientSampleId :

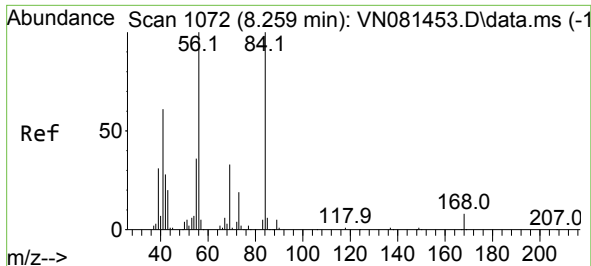
Tgt Ion:168 Resp: 284548
Ion Ratio Lower Upper
168 100
99 59.1 59.9 89.9#



#16
Acetone
Concen: 0.589 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN081726.D
Acq: 12 Apr 2024 18:31

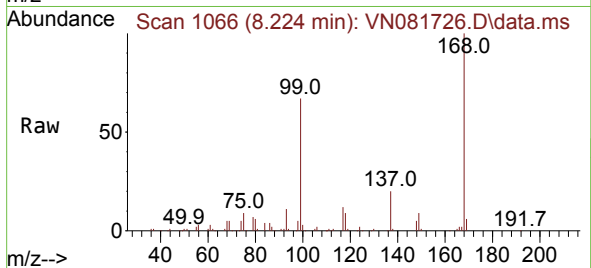
Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



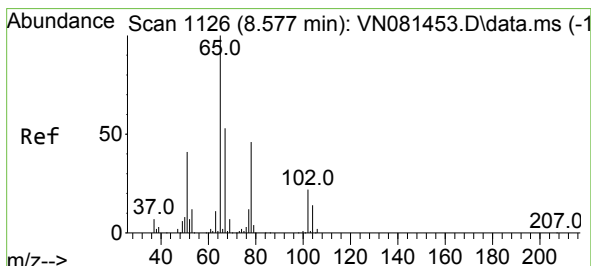
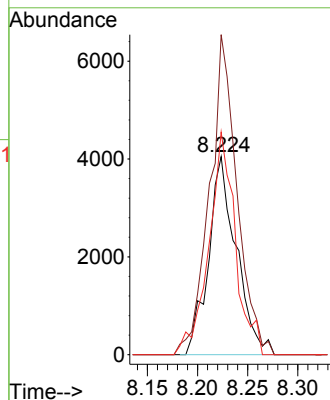
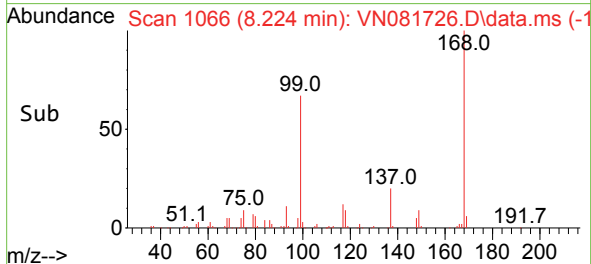


#31
Cyclohexane
Concen: 1.323 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081726.D
Acq: 12 Apr 2024 18:31

Instrument :
MSVOA_N
ClientSampleId :

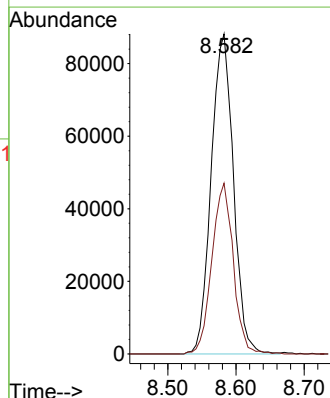
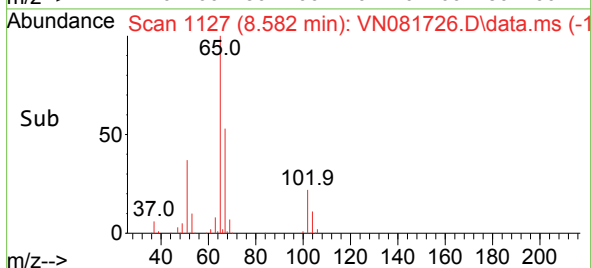
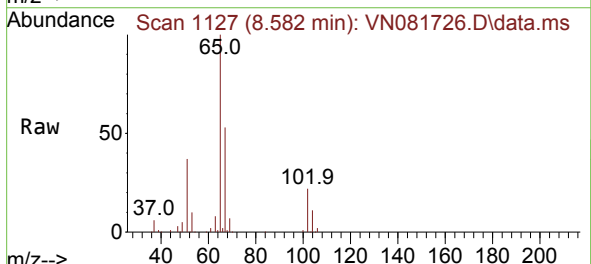


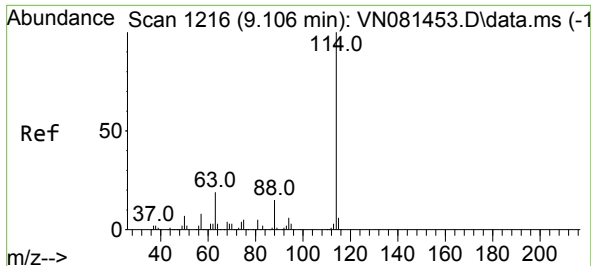
Tgt Ion: 56 Resp: 7811
Ion Ratio Lower Upper
56 100
69 161.5 20.1 30.1#
84 112.3 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 55.190 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081726.D
Acq: 12 Apr 2024 18:31

Tgt Ion: 65 Resp: 200272
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081726.D

Acq: 12 Apr 2024 18:31

Instrument :

MSVOA_N

ClientSampleId :

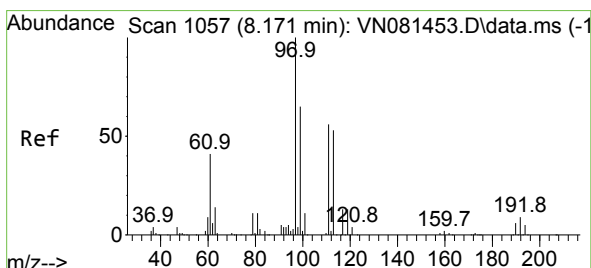
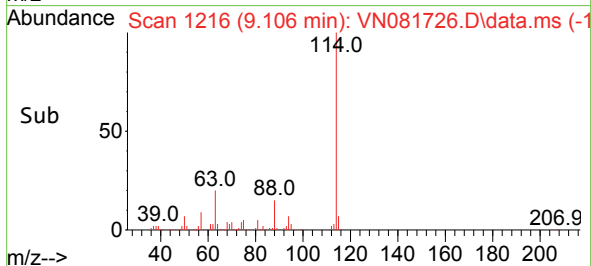
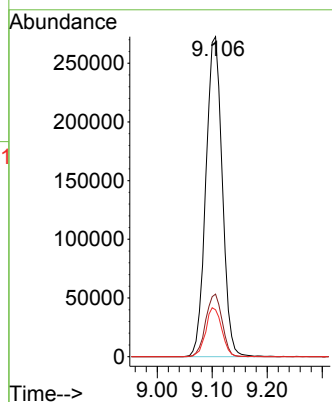
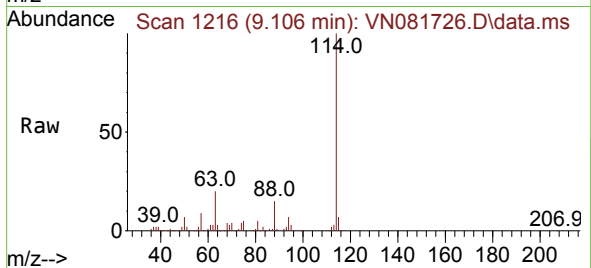
Tgt Ion:114 Resp: 563534

Ion Ratio Lower Upper

114 100

63 19.6 0.0 48.0

88 14.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 45.540 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081726.D

Acq: 12 Apr 2024 18:31

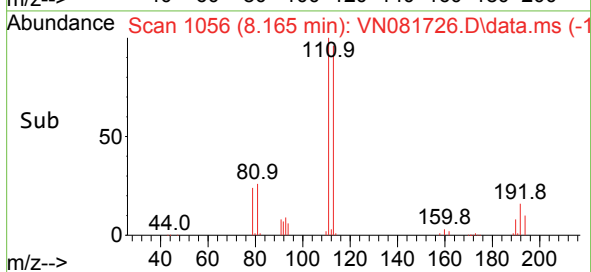
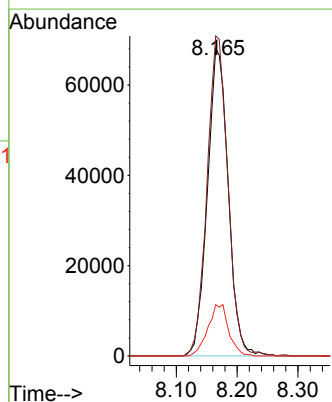
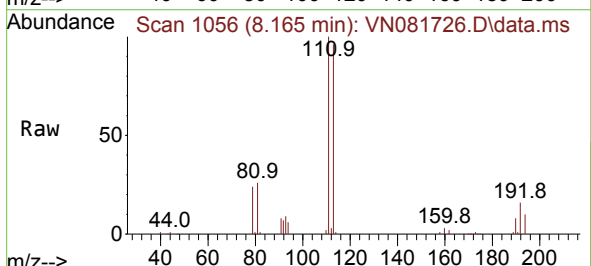
Tgt Ion:113 Resp: 161962

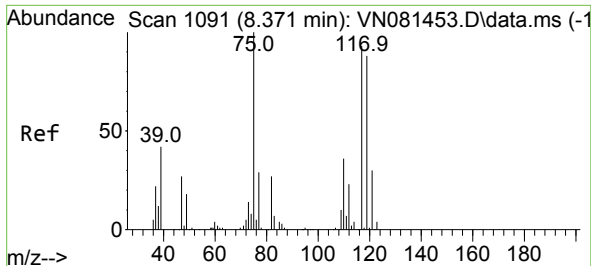
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 16.7 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.206 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

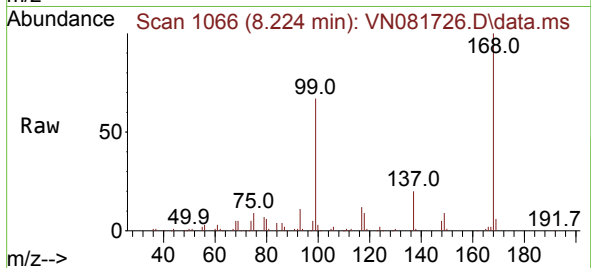
Lab File: VN081726.D

Acq: 12 Apr 2024 18:31

Instrument :

MSVOA_N

ClientSampleId :



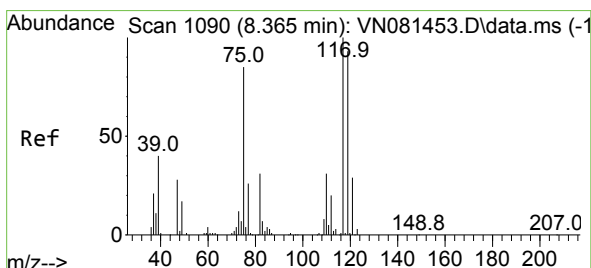
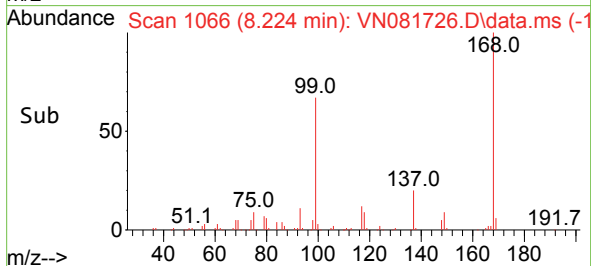
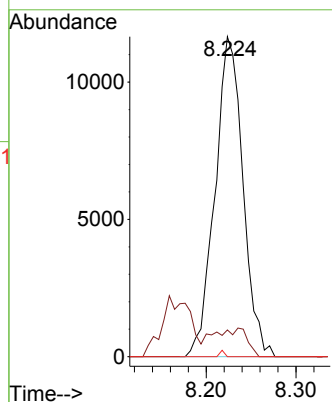
Tgt Ion: 75 Resp: 25176

Ion Ratio Lower Upper

75 100

110 11.0 16.0 48.0#

77 0.3 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 4.956 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081726.D

Acq: 12 Apr 2024 18:31

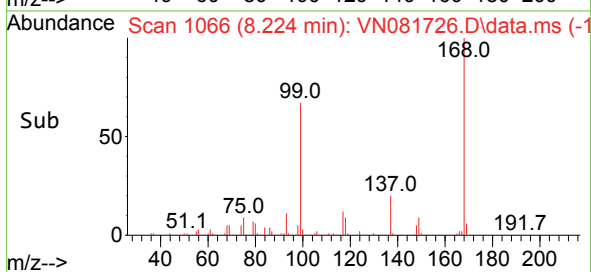
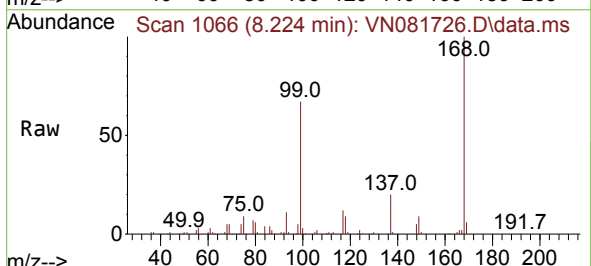
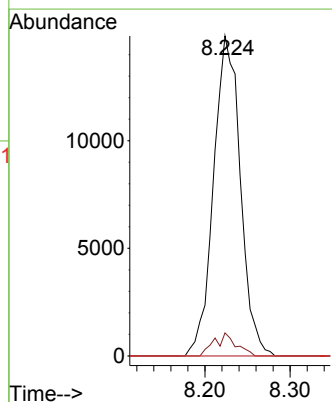
Tgt Ion: 117 Resp: 32491

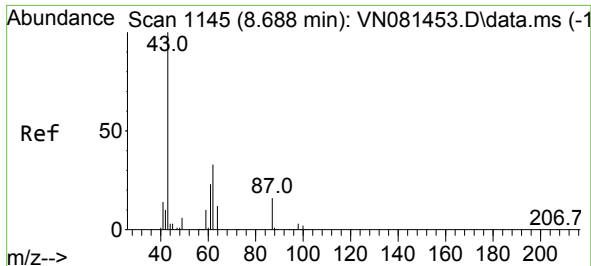
Ion Ratio Lower Upper

117 100

119 7.2 73.4 110.2#

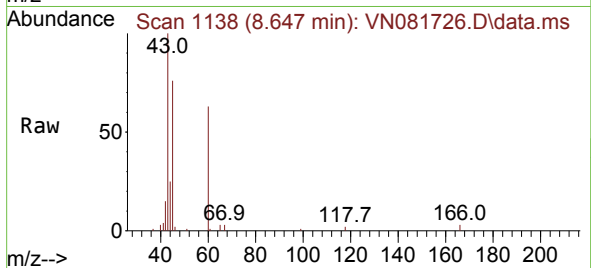
121 0.0 24.4 36.6#



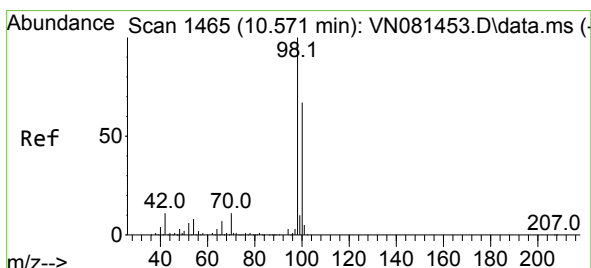
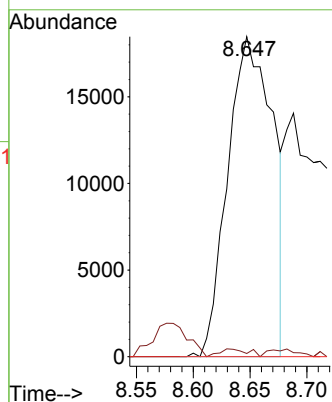
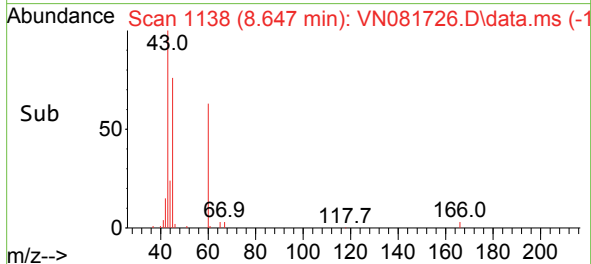


#43
Isopropyl Acetate
Concen: 5.999 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.041 min
Lab File: VN081726.D
Acq: 12 Apr 2024 18:31

Instrument :
MSVOA_N
ClientSampleId :

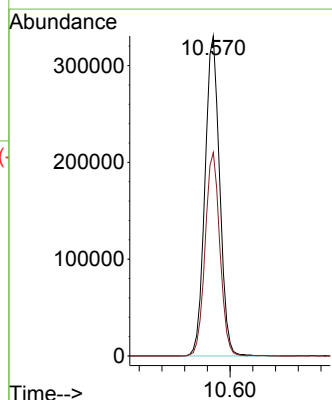
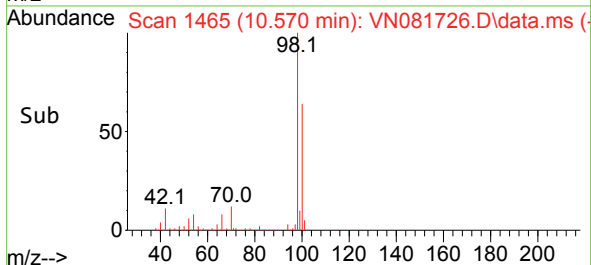
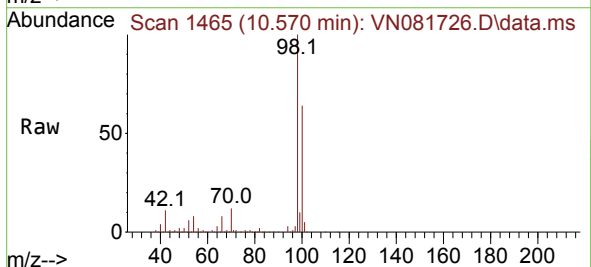


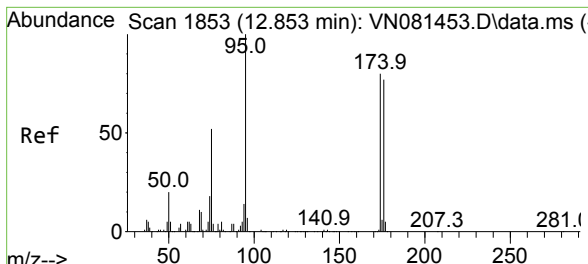
Tgt Ion: 43 Resp: 50967
Ion Ratio Lower Upper
43 100
61 1.5 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 46.009 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081726.D
Acq: 12 Apr 2024 18:31

Tgt Ion: 98 Resp: 591496
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0

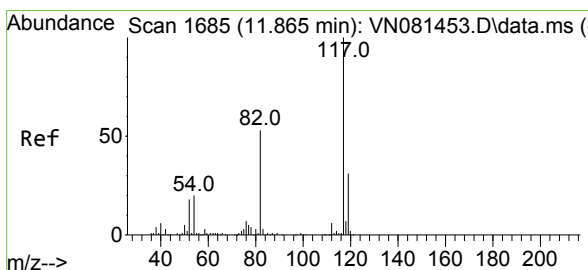
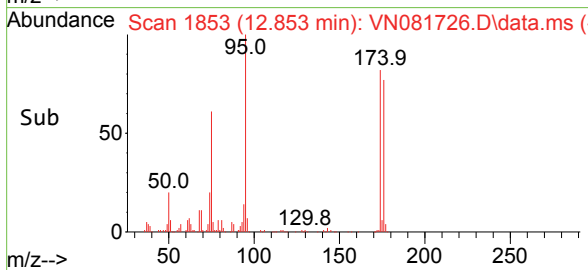
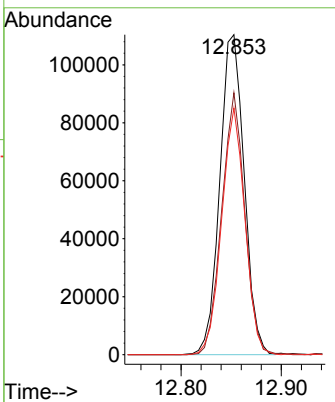
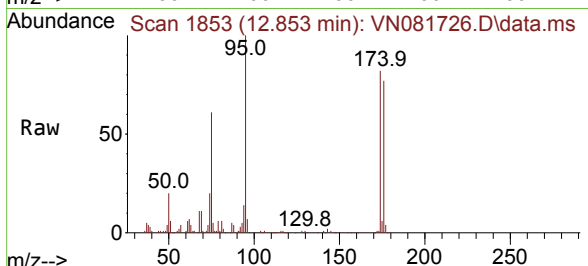




#62
 4-Bromofluorobenzene
 Concen: 41.122 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN081726.D
 Acq: 12 Apr 2024 18:31

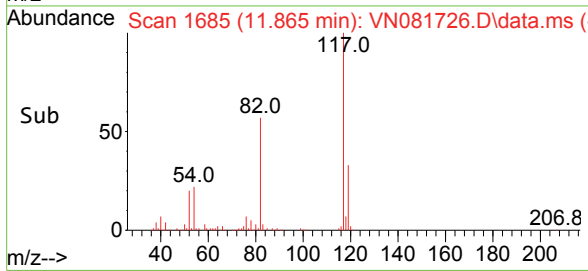
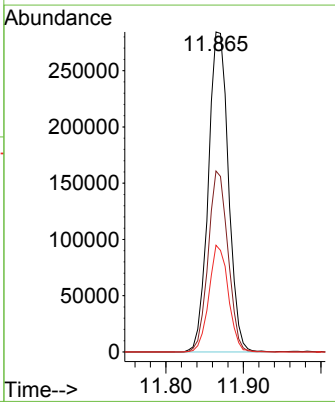
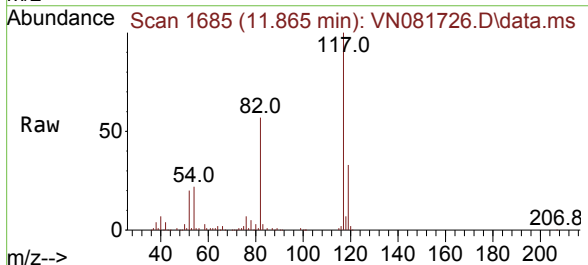
Instrument :
 MSVOA_N
 ClientSampleId :

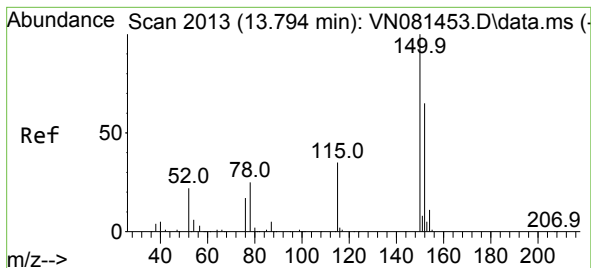
Tgt Ion:	95	Resp:	186286
Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	120.4
176	73.5	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN081726.D
 Acq: 12 Apr 2024 18:31

Tgt Ion:	117	Resp:	511747
Ion	Ratio	Lower	Upper
117	100		
82	56.5	52.7	79.1
119	33.3	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

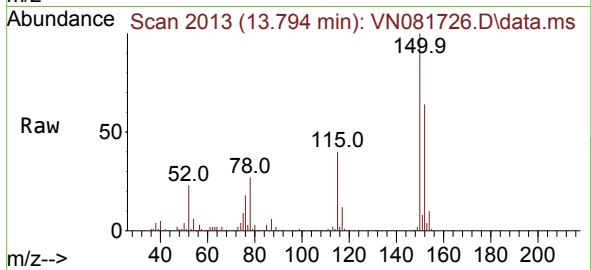
Lab File: VN081726.D

Acq: 12 Apr 2024 18:31

Instrument :

MSVOA_N

ClientSampleId :



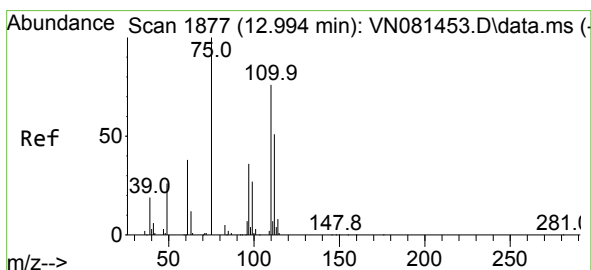
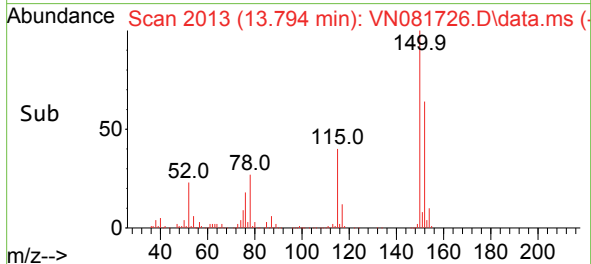
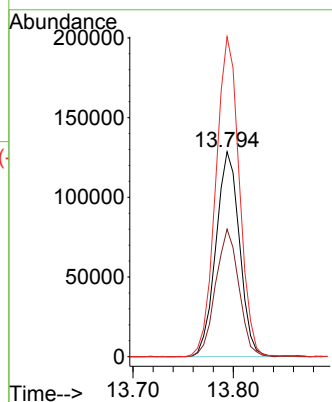
Tgt Ion:152 Resp: 210225

Ion Ratio Lower Upper

152 100

115 61.3 32.3 96.8

150 155.8 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 20.436 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081726.D

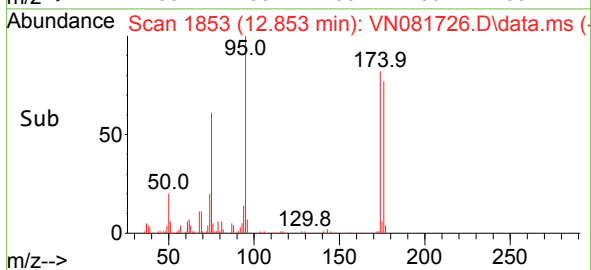
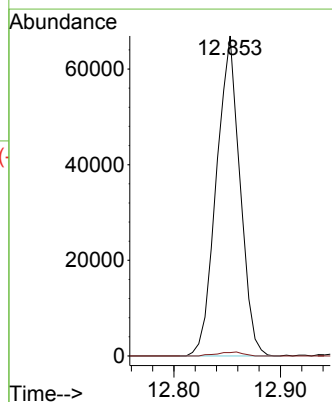
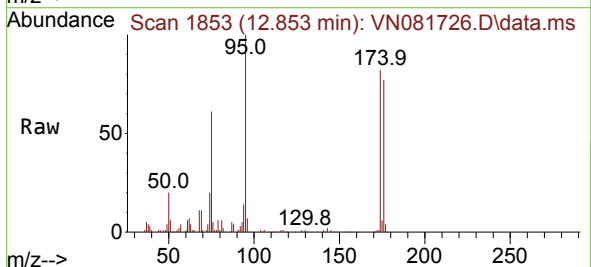
Acq: 12 Apr 2024 18:31

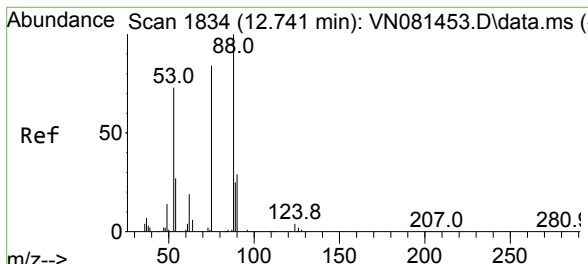
Tgt Ion: 75 Resp: 102768

Ion Ratio Lower Upper

75 100

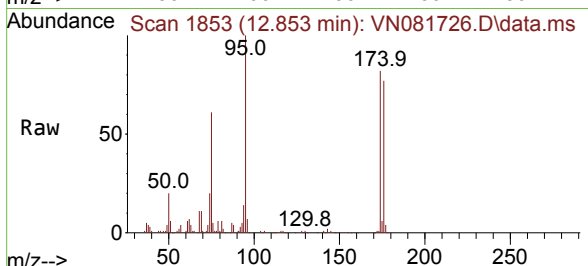
77 1.4 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.226 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081726.D
 Acq: 12 Apr 2024 18:31

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	102768
Ion	Ratio	Lower	Upper
75	100		
53	0.2	71.4	107.2#
89	0.1	33.4	50.0#

