

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
 Data File : VN081644.D
 Acq On : 01 Apr 2024 13:10
 Operator : JC\MD
 Sample : P1923-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OF-1

Quant Time: Apr 02 01:13:48 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)

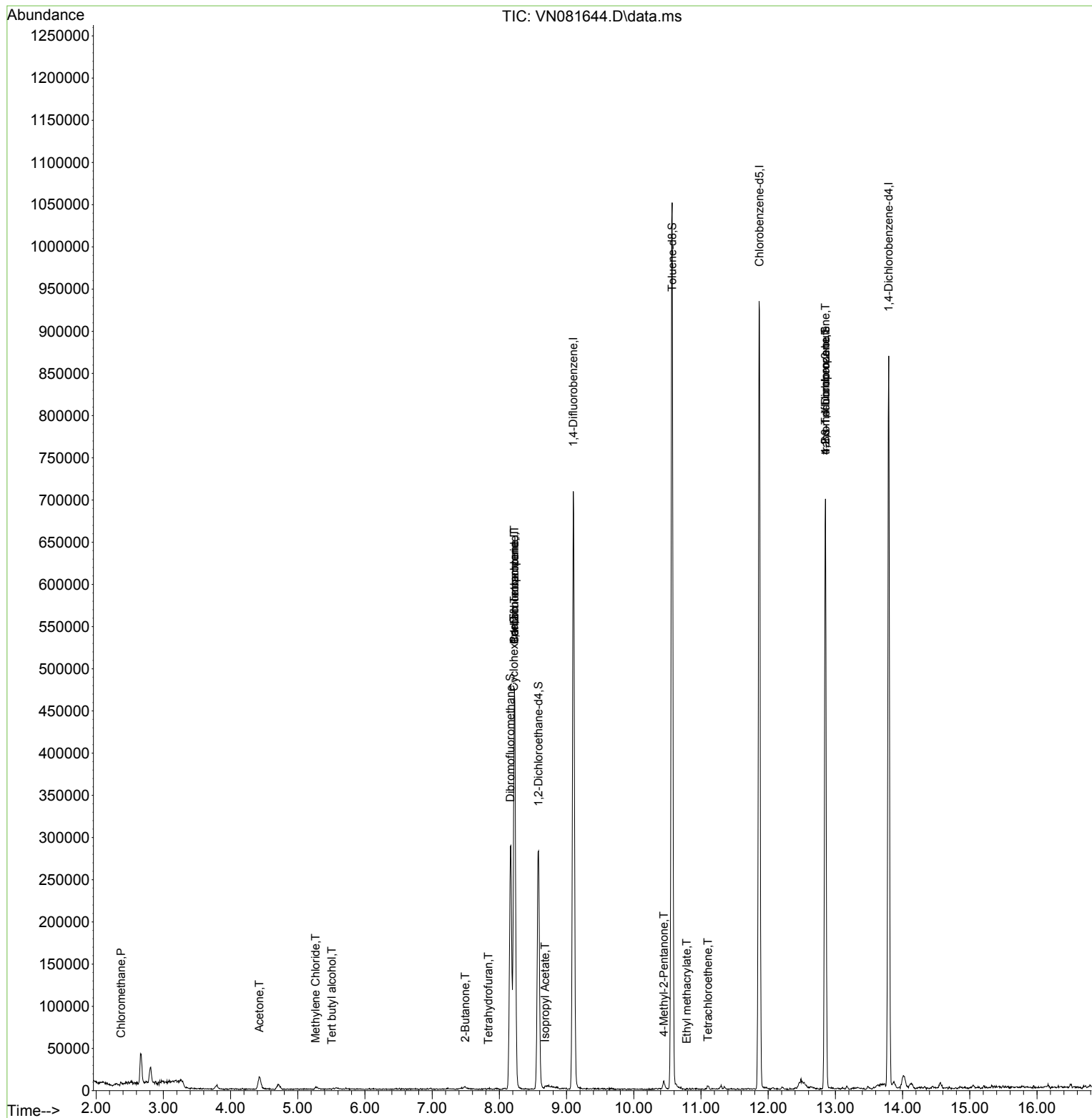
Internal Standards						
1) Pentafluorobenzene	8.224	168	336660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	622055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	572326	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	236085	54.989	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.980%	
35) Dibromofluoromethane	8.165	113	207504	52.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.720%	
50) Toluene-d8	10.571	98	745282	52.517	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.040%	
62) 4-Bromofluorobenzene	12.853	95	237324	47.460	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1010	0.224	ug/l #	43
11) Tert butyl alcohol	5.506	59	690	0.922	ug/l #	72
16) Acetone	4.430	43	28353	20.435	ug/l	91
20) Methylene Chloride	5.265	84	1014	0.223	ug/l #	61
25) 2-Butanone	7.494	43	5432	2.283	ug/l #	89
29) Tetrahydrofuran	7.836	42	795	0.496	ug/l #	61
31) Cyclohexane	8.218	56	8089	1.158	ug/l #	31
36) 1,1-Dichloropropene	8.224	75	28435	4.304	ug/l #	46
38) Carbon Tetrachloride	8.224	117	38509	5.321	ug/l #	17
43) Isopropyl Acetate	8.683	43	2064	0.220	ug/l #	57
51) 4-Methyl-2-Pentanone	10.447	43	6022	1.052	ug/l	99
56) Ethyl methacrylate	10.788	69	115	0.587	ug/l #	73
64) Tetrachloroethene	11.106	164	1225	0.224	ug/l #	49
76) 1,2,3-Trichloropropane	12.853	75	128049	23.137	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	128049	62.523	ug/l #	14

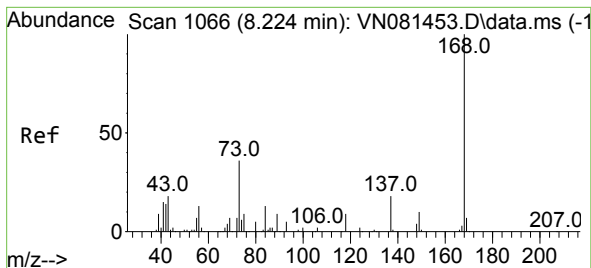
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
Data File : VN081644.D
Acq On : 01 Apr 2024 13:10
Operator : JC\MD
Sample : P1923-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OF-1

Quant Time: Apr 02 01:13:48 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081644.D

Acq: 01 Apr 2024 13:10

Instrument :

MSVOA_N

ClientSampleId :

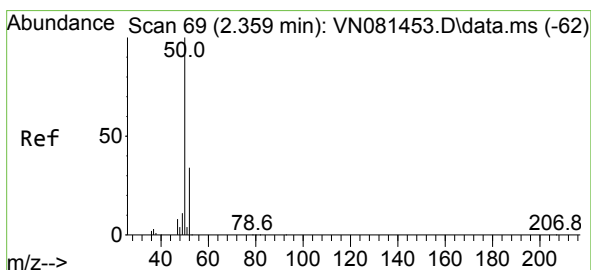
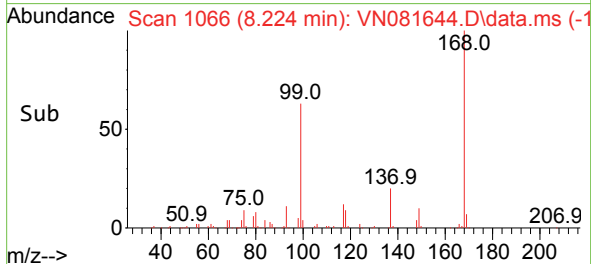
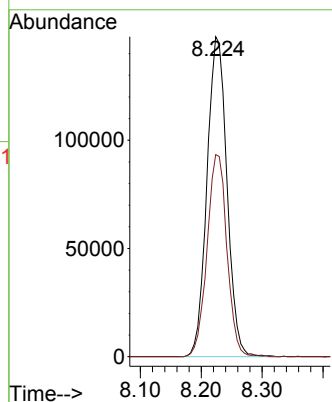
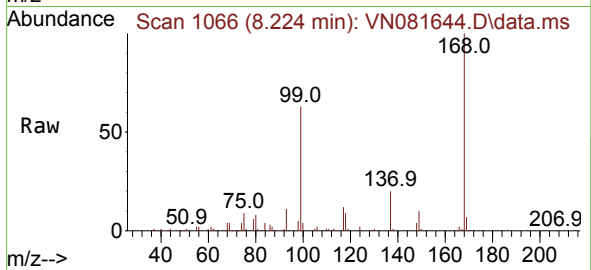
OF-1

Tgt Ion:168 Resp: 336660

Ion Ratio Lower Upper

168 100

99 63.1 59.9 89.9



#3

Chloromethane

Concen: 0.224 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN081644.D

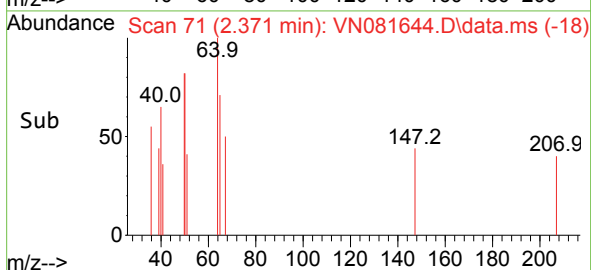
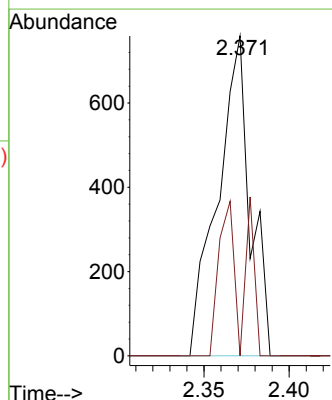
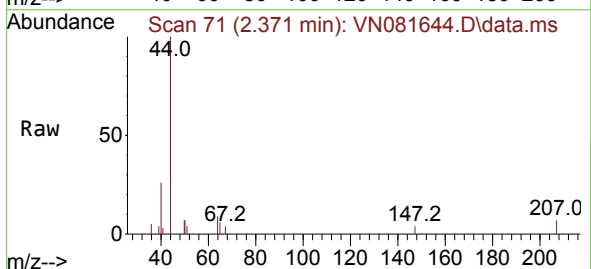
Acq: 01 Apr 2024 13:10

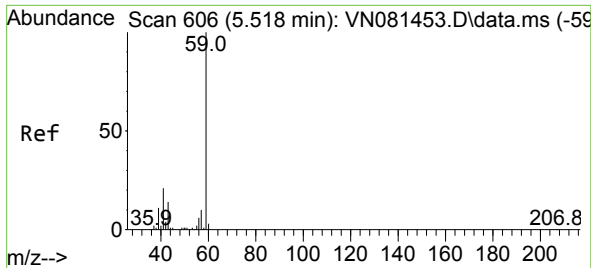
Tgt Ion: 50 Resp: 1010

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

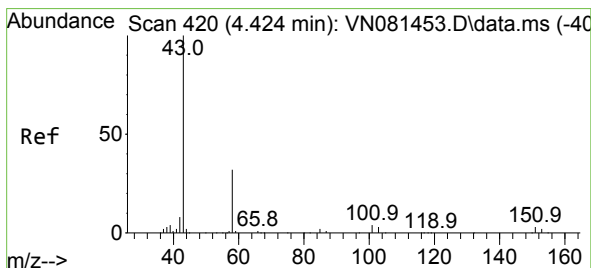
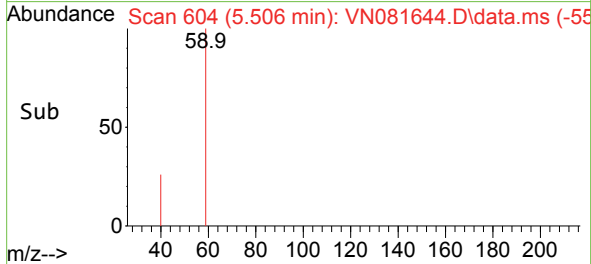
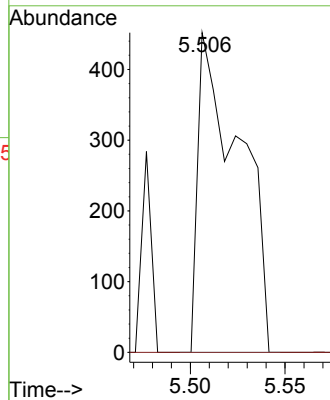
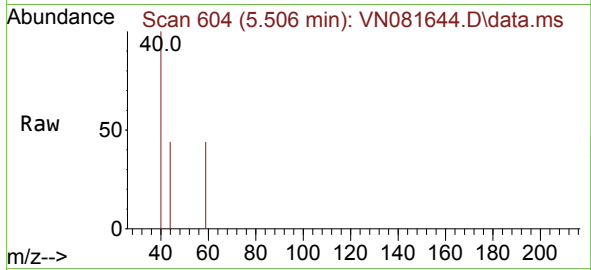




#11
Tert butyl alcohol
Concen: 0.922 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

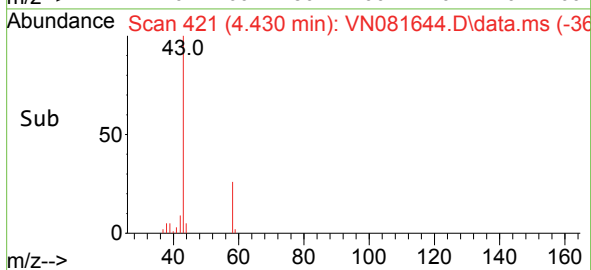
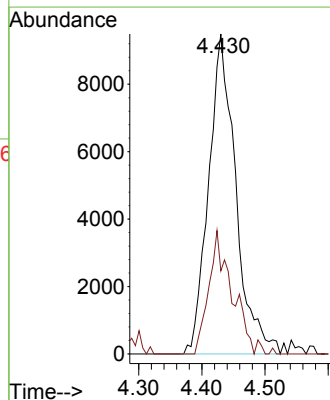
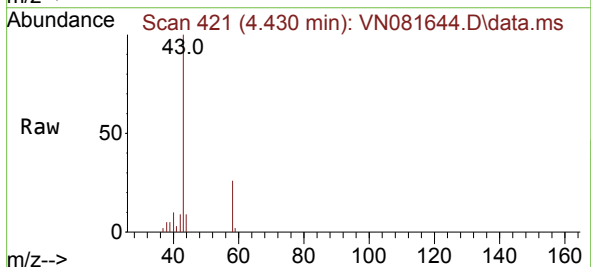
Instrument :
MSVOA_N
ClientSampleId :
OF-1

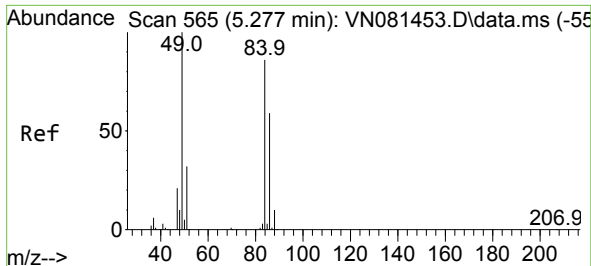
Tgt Ion: 59 Resp: 690
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 20.435 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

Tgt Ion: 43 Resp: 28353
Ion Ratio Lower Upper
43 100
58 26.0 24.8 37.2

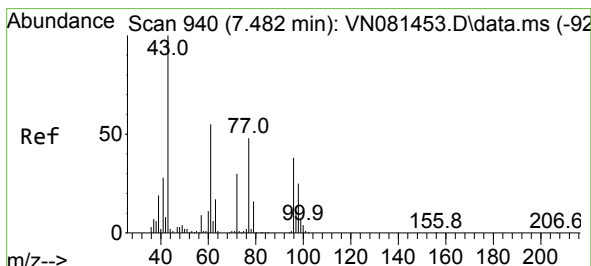
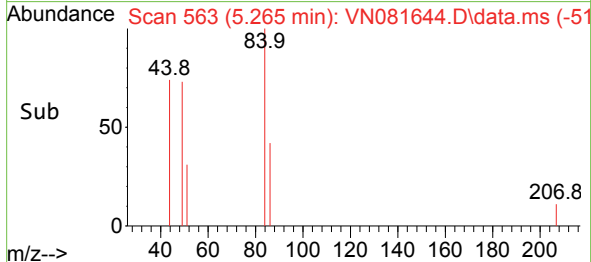
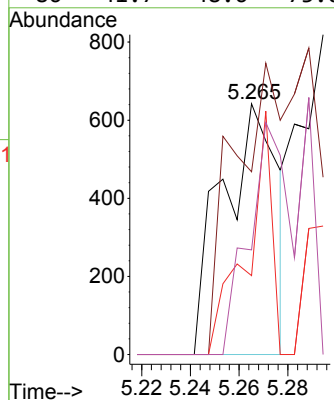
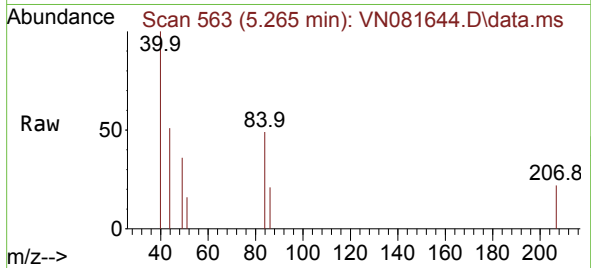




#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

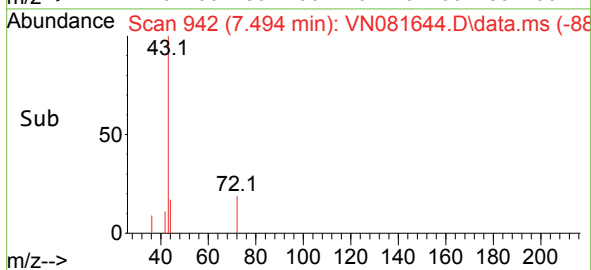
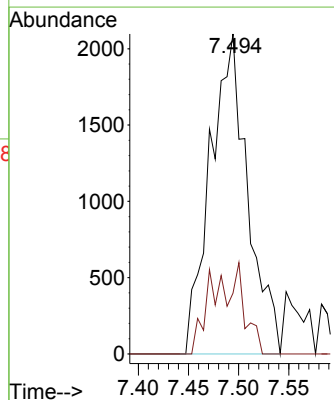
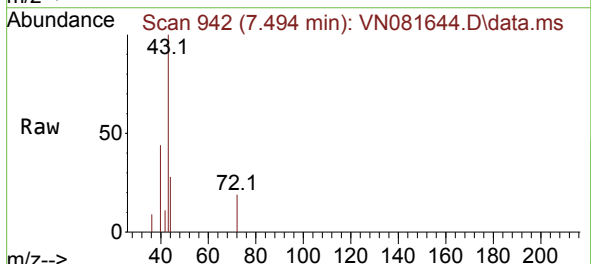
Instrument :
MSVOA_N
ClientSampleId :
OF-1

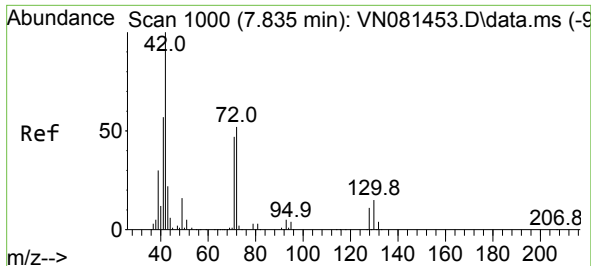
Tgt Ion: 84 Resp: 1014
Ion Ratio Lower Upper
84 100
49 72.9 108.1 162.1#
51 31.5 32.9 49.3#
86 41.7 48.6 73.0#



#25
2-Butanone
Concen: 2.283 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

Tgt Ion: 43 Resp: 5432
Ion Ratio Lower Upper
43 100
72 19.0 19.5 29.3#





#29

Tetrahydrofuran

Concen: 0.496 ug/l

RT: 7.836 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN081644.D

Acq: 01 Apr 2024 13:10

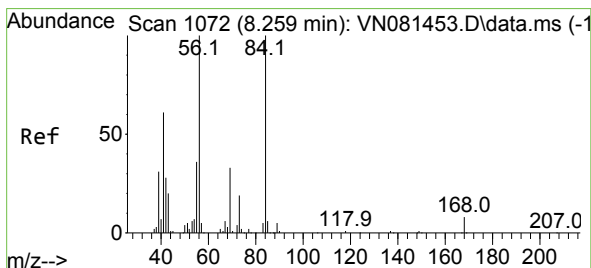
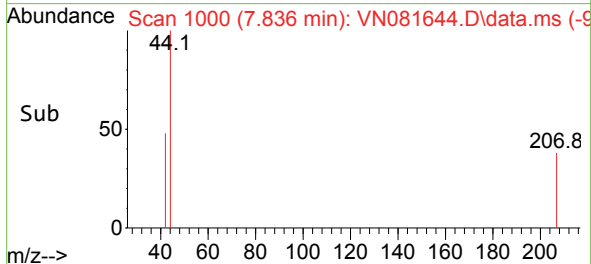
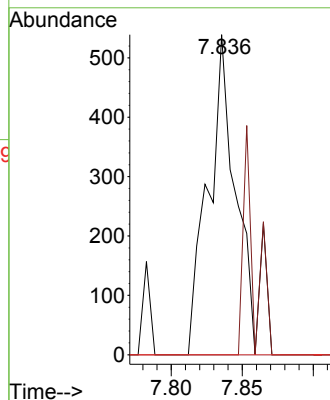
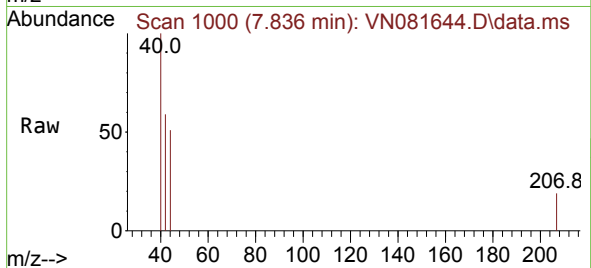
Instrument :

MSVOA_N

ClientSampleId :

OF-1

Tgt Ion:	42	Resp:	795
Ion	Ratio	Lower	Upper
42	100		
72	27.0	31.1	46.7#
71	0.0	28.3	42.5#



#31

Cyclohexane

Concen: 1.158 ug/l

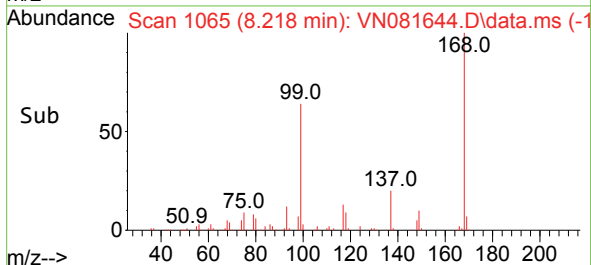
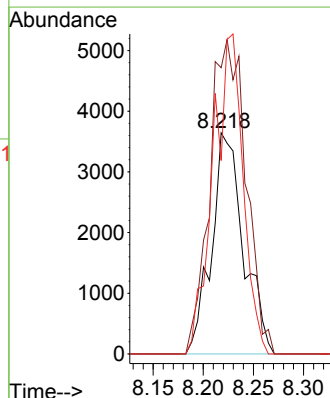
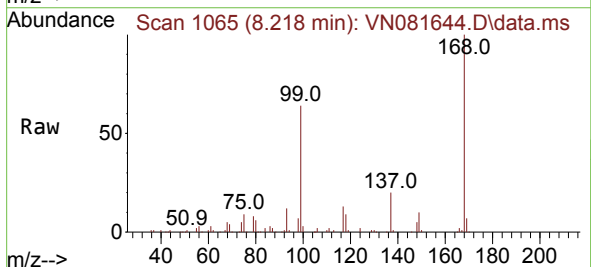
RT: 8.218 min Scan# 1065

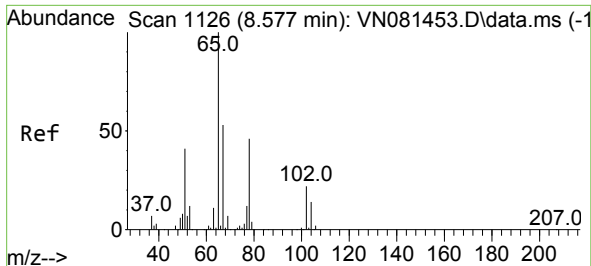
Delta R.T. -0.041 min

Lab File: VN081644.D

Acq: 01 Apr 2024 13:10

Tgt Ion:	56	Resp:	8089
Ion	Ratio	Lower	Upper
56	100		
69	129.5	20.1	30.1#
84	87.5	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 54.989 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081644.D

Acq: 01 Apr 2024 13:10

Instrument :

MSVOA_N

ClientSampleId :

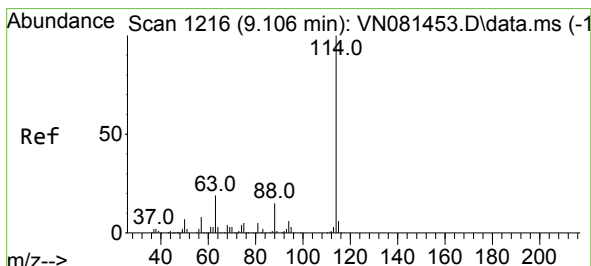
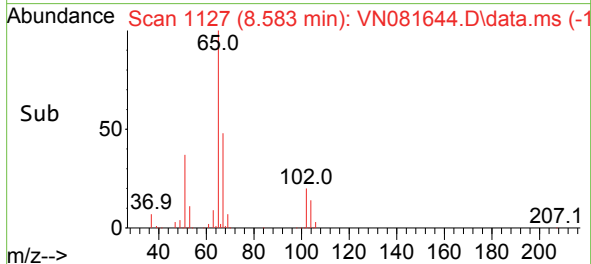
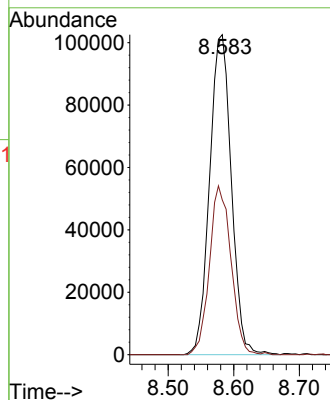
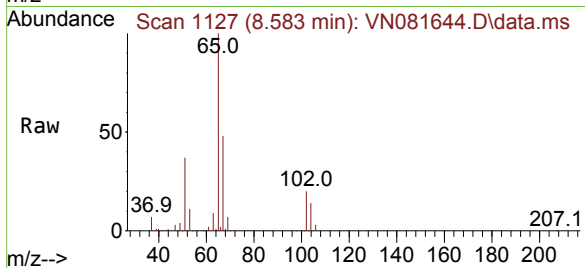
OF-1

Tgt Ion: 65 Resp: 236085

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081644.D

Acq: 01 Apr 2024 13:10

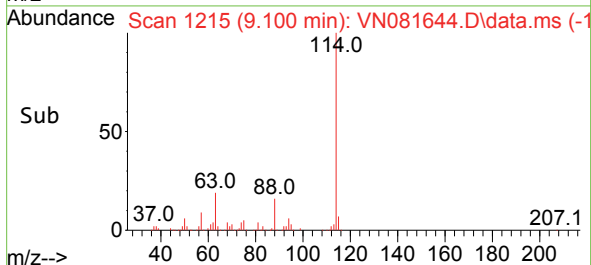
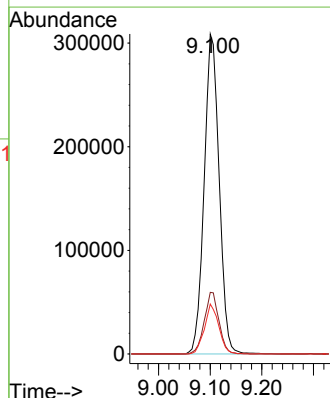
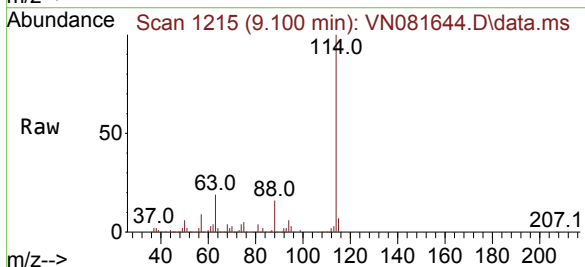
Tgt Ion: 114 Resp: 622055

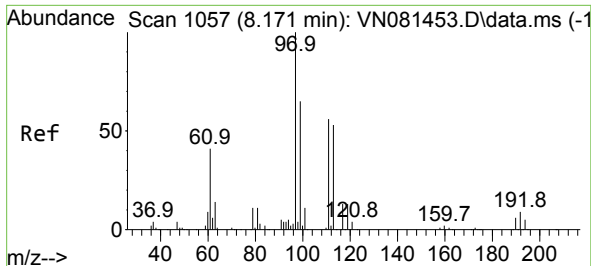
Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

88 15.6 0.0 34.8

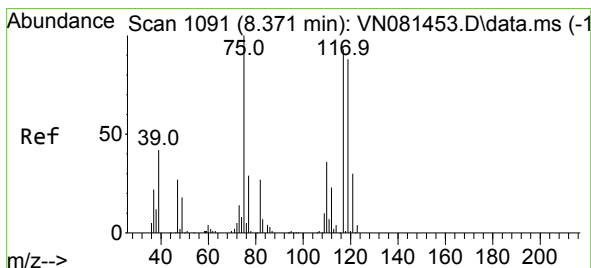
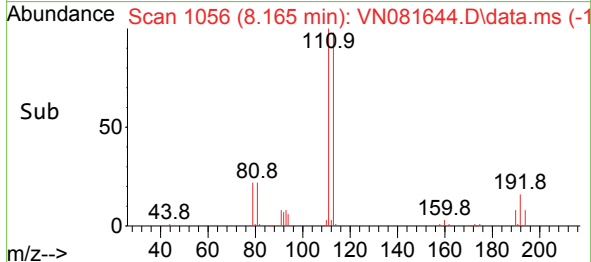
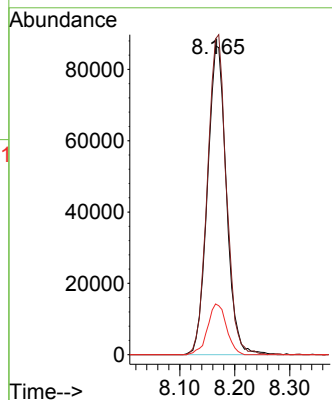
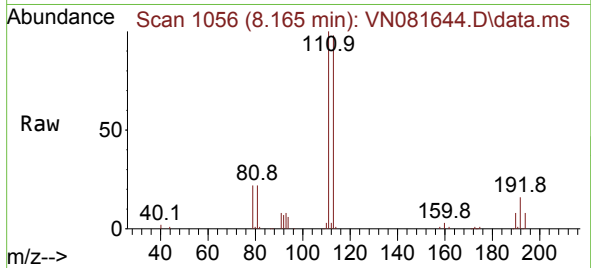




#35
Dibromofluoromethane
Concen: 52.856 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

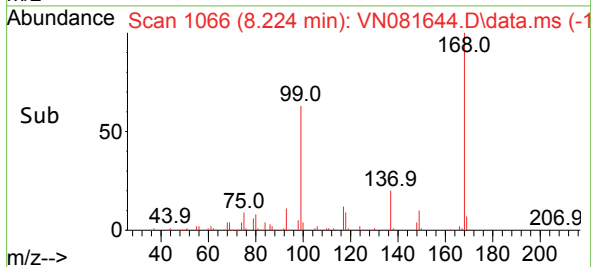
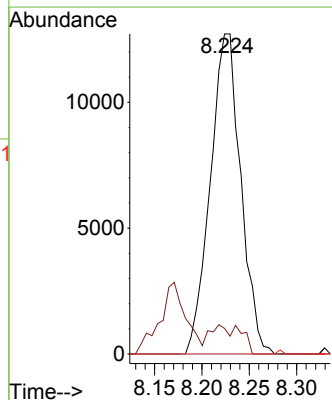
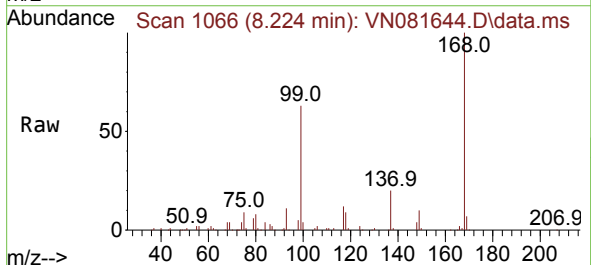
Instrument :
MSVOA_N
ClientSampleId :
OF-1

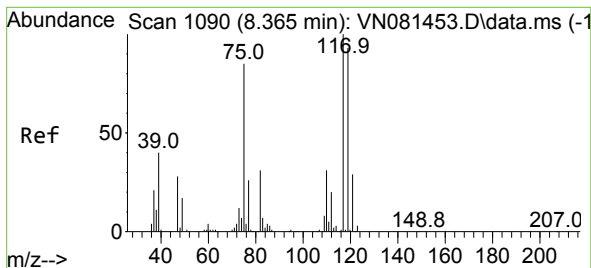
Tgt Ion:113 Resp: 207504
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.4 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.304 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

Tgt Ion: 75 Resp: 28435
Ion Ratio Lower Upper
75 100
110 3.8 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.321 ug/l

RT: 8.224 min Scan# 110

Delta R.T. -0.141 min

Lab File: VN081644.D

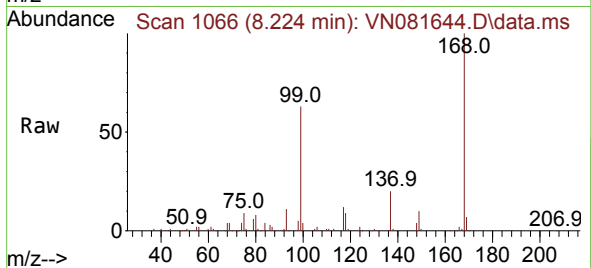
Acq: 01 Apr 2024 13:10

Instrument :

MSVOA_N

ClientSampleId :

OF-1



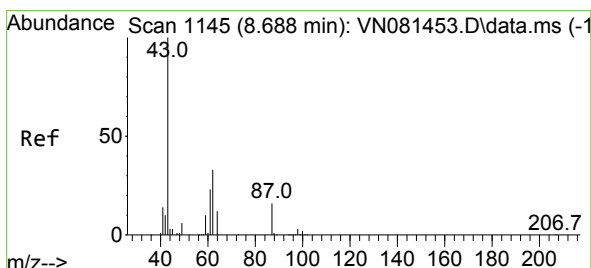
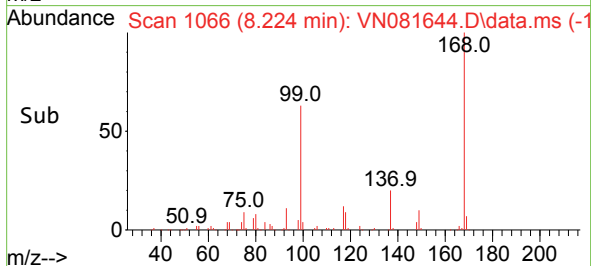
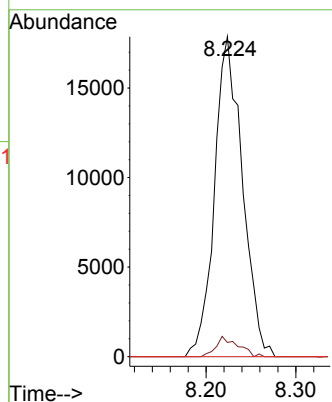
Tgt Ion:117 Resp: 38509

Ion Ratio Lower Upper

117 100

119 4.5 73.4 110.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 0.220 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN081644.D

Acq: 01 Apr 2024 13:10

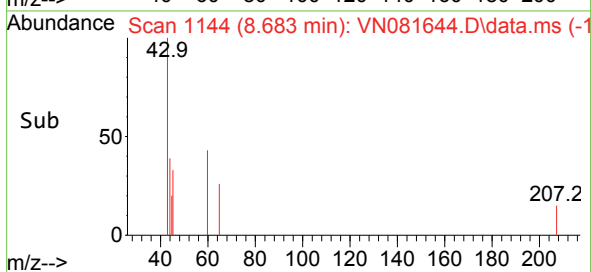
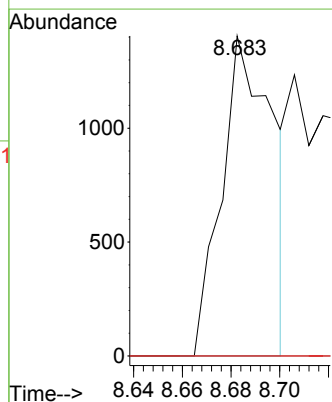
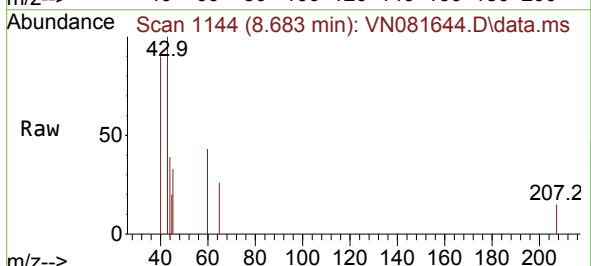
Tgt Ion: 43 Resp: 2064

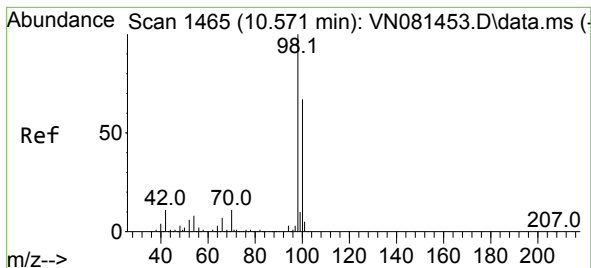
Ion Ratio Lower Upper

43 100

61 0.0 19.9 29.9#

87 0.0 9.0 13.6#

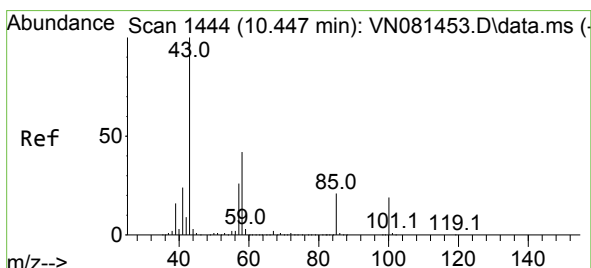
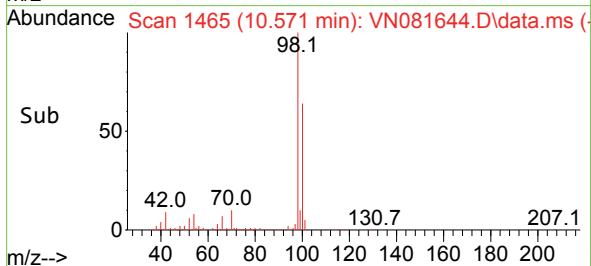
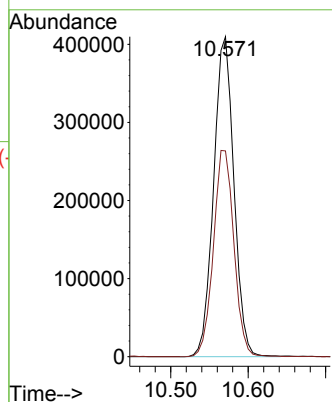
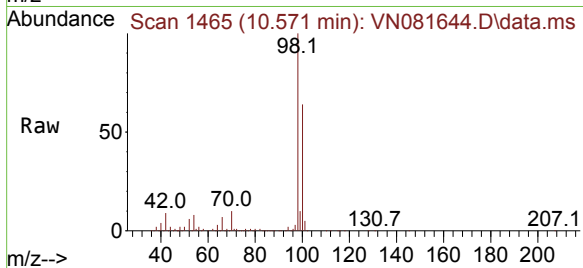




#50
Toluene-d8
Concen: 52.517 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

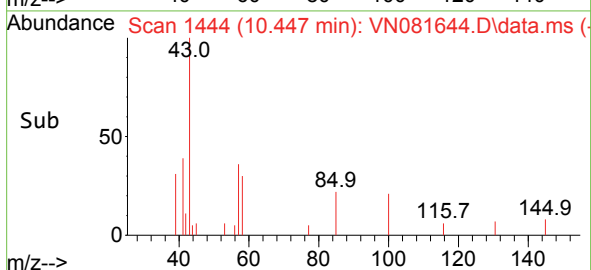
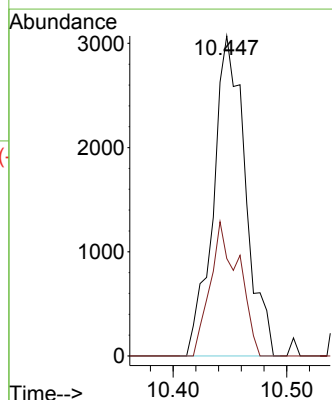
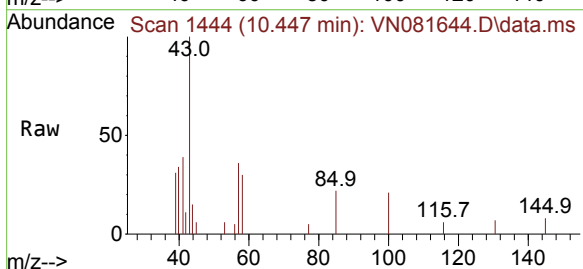
Instrument :
MSVOA_N
ClientSampleId :
OF-1

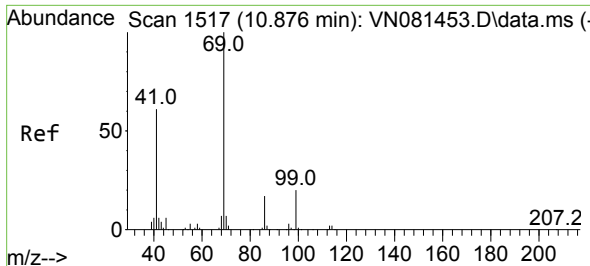
Tgt Ion: 98 Resp: 745282
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.052 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

Tgt Ion: 43 Resp: 6022
Ion Ratio Lower Upper
43 100
58 37.4 29.4 44.0

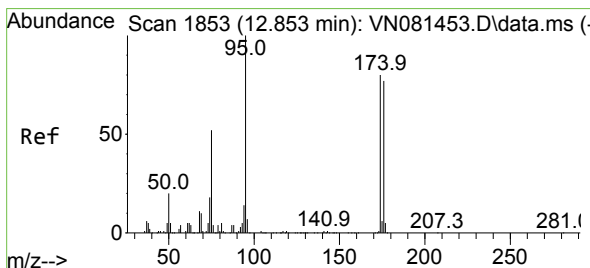
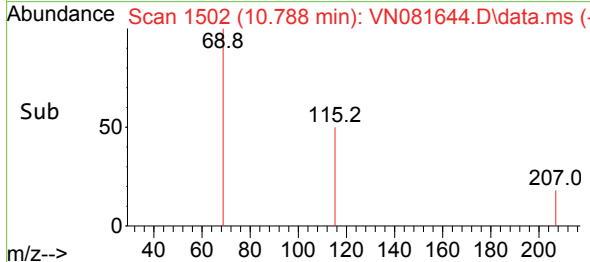
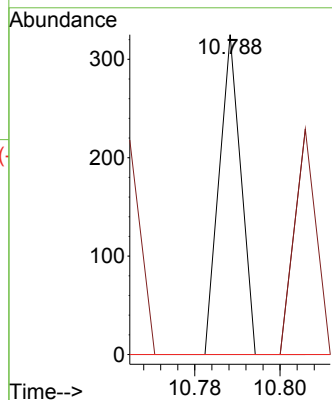
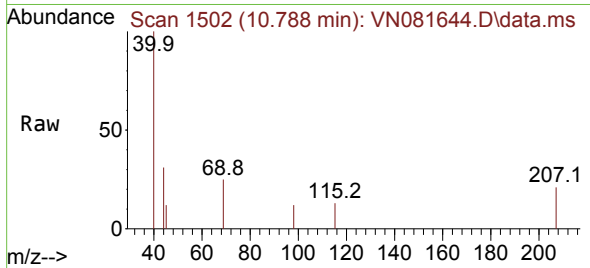




#56
Ethyl methacrylate
Concen: 0.587 ug/l
RT: 10.788 min Scan# 115
Delta R.T. -0.088 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

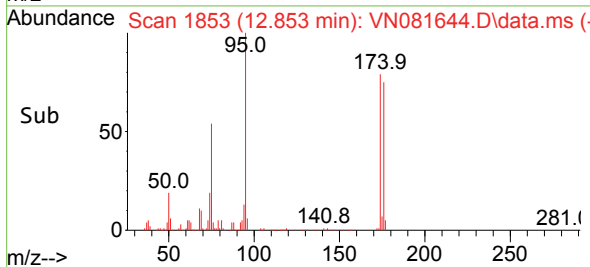
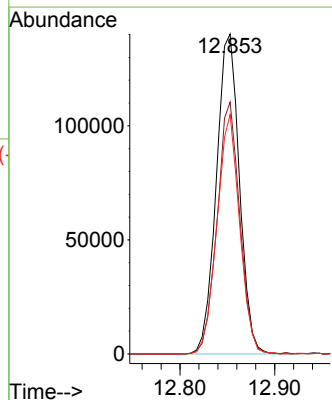
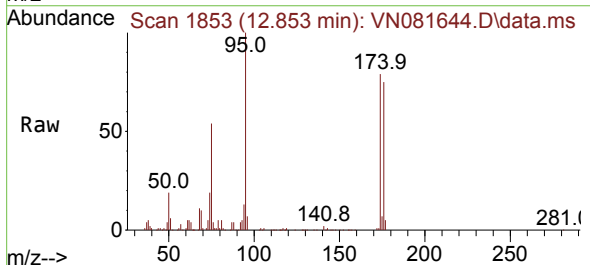
Instrument :
MSVOA_N
ClientSampleId :
OF-1

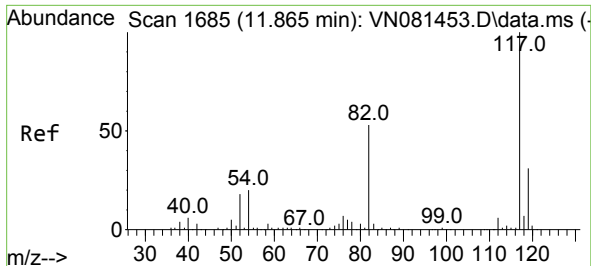
Tgt Ion: 69 Resp: 115
Ion Ratio Lower Upper
69 100
41 70.4 61.0 91.6
39 0.0 31.8 47.6#



#62
4-Bromofluorobenzene
Concen: 47.460 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

Tgt Ion: 95 Resp: 237324
Ion Ratio Lower Upper
95 100
174 77.5 0.0 120.4
176 73.3 0.0 121.0

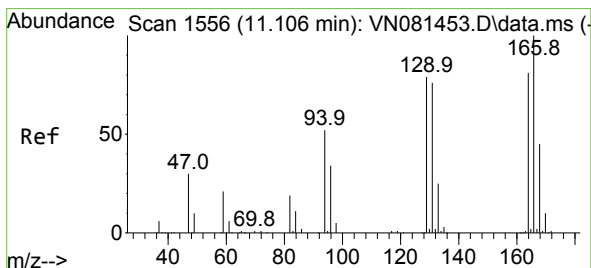
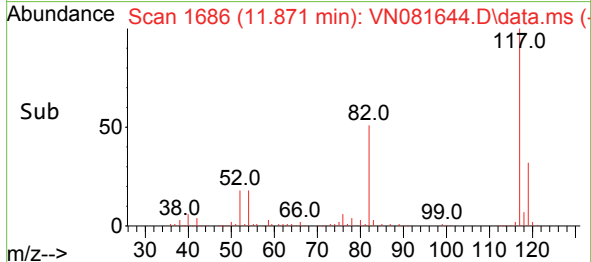
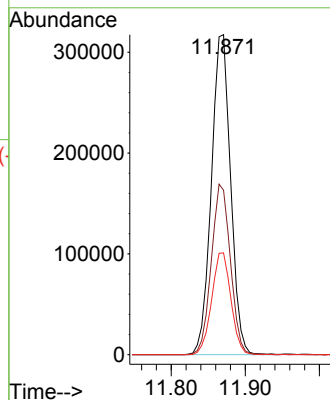
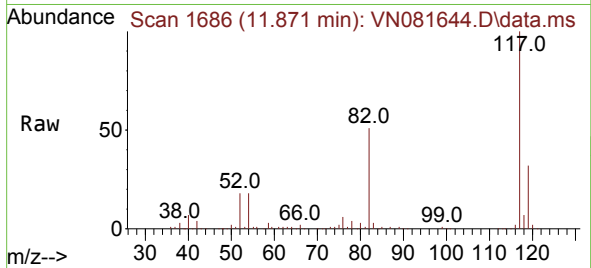




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

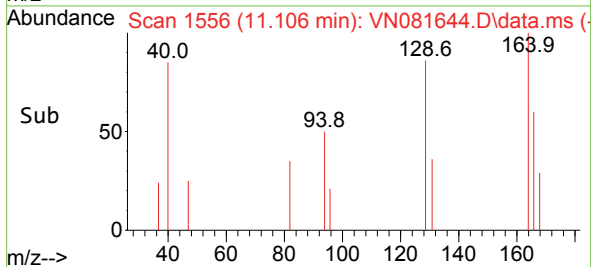
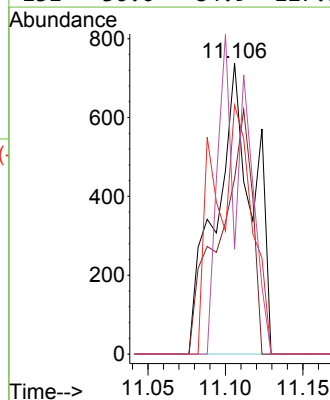
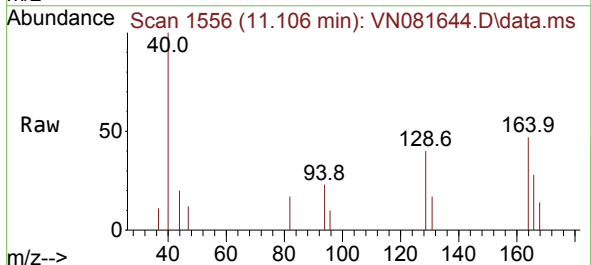
Instrument :
MSVOA_N
ClientSampleId :
OF-1

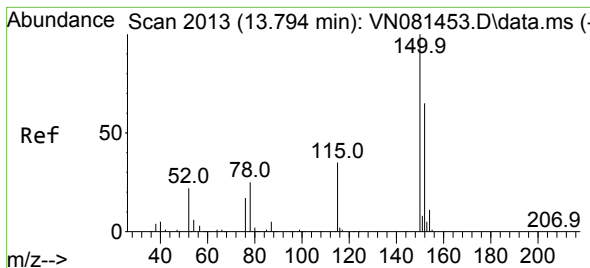
Tgt Ion:117 Resp: 572326
Ion Ratio Lower Upper
117 100
82 51.4 52.7 79.1#
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 0.224 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081644.D
Acq: 01 Apr 2024 13:10

Tgt Ion:164 Resp: 1225
Ion Ratio Lower Upper
164 100
166 60.3 105.8 158.6#
129 85.6 89.6 134.4#
131 36.0 84.9 127.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081644.D

Acq: 01 Apr 2024 13:10

Instrument :

MSVOA_N

ClientSampleId :

OF-1

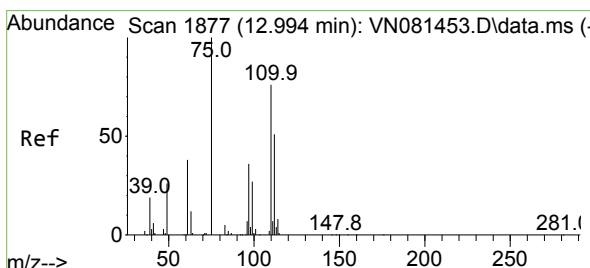
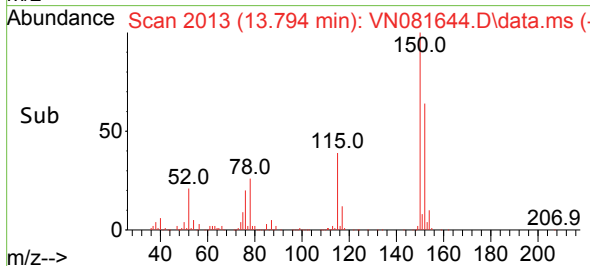
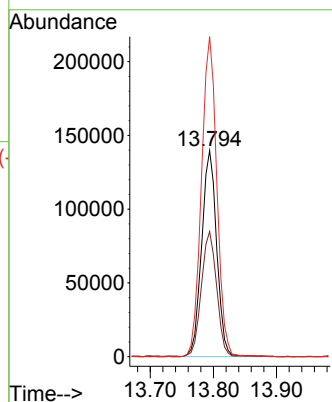
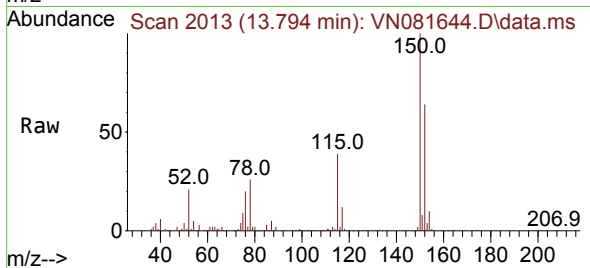
Tgt Ion:152 Resp: 231369

Ion Ratio Lower Upper

152 100

115 61.0 32.3 96.8

150 158.5 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 23.137 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081644.D

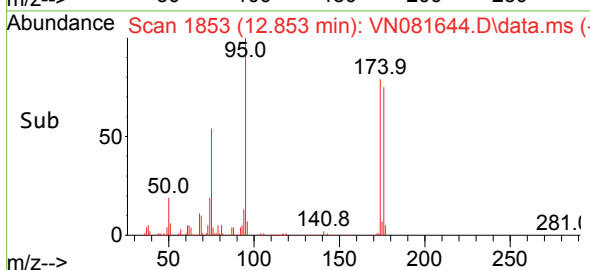
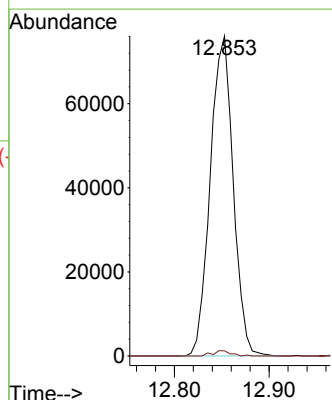
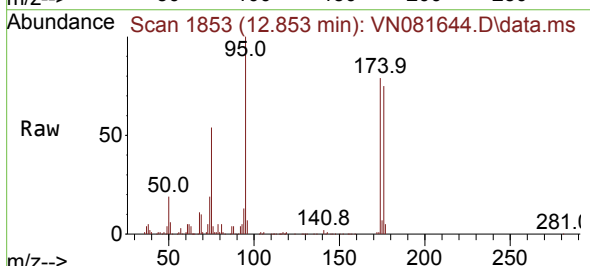
Acq: 01 Apr 2024 13:10

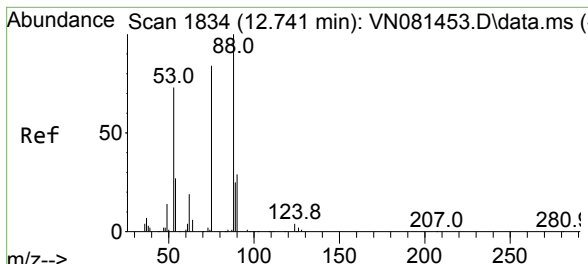
Tgt Ion: 75 Resp: 128049

Ion Ratio Lower Upper

75 100

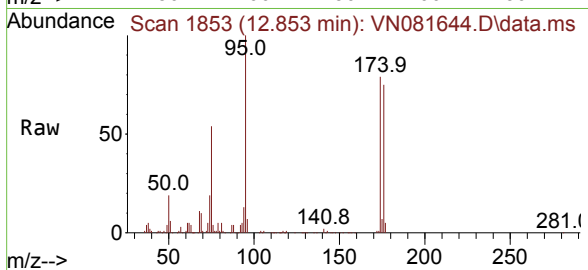
77 1.3 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.523 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081644.D
 Acq: 01 Apr 2024 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 OF-1



Tgt Ion: 75 Resp: 128049
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.1 33.4 50.0#

