

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081876.D
 Acq On : 26 Apr 2024 14:32
 Operator : JC\MD
 Sample : P2265-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-01-042424

Quant Time: Apr 26 23:00:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

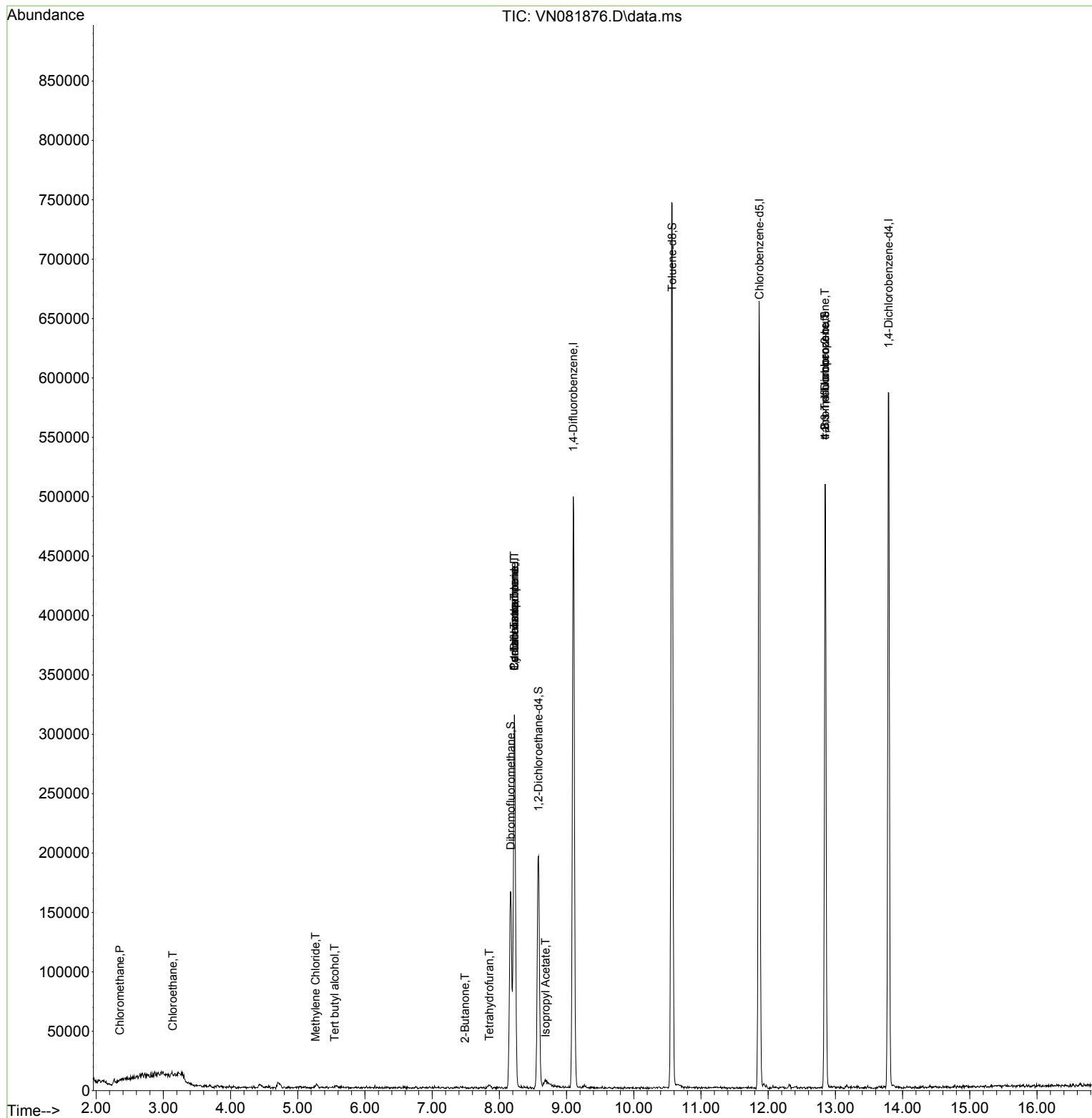
Internal Standards						
1) Pentafluorobenzene	8.224	168	221868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	417152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	362030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	165039	44.075	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.140%
35) Dibromofluoromethane	8.171	113	122644	48.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	10.571	98	508329	51.533	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.847	95	179372	46.000	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.000%
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	822	0.253	ug/l #	43
5) Bromomethane	2.948	94	286	Below Cal	#	50
6) Chloroethane	3.142	64	455	0.306	ug/l #	44
11) Tert butyl alcohol	5.547	59	179	0.263	ug/l #	1
13) Acrolein	4.183	56	255	Below Cal	#	48
16) Acetone	4.442	43	5333	Below Cal		94
20) Methylene Chloride	5.265	84	1151	0.359	ug/l #	73
25) 2-Butanone	7.488	43	719	0.338	ug/l #	43
29) Tetrahydrofuran	7.853	42	2749	1.804	ug/l #	65
31) Cyclohexane	8.224	56	6596	1.169	ug/l #	51
36) 1,1-Dichloropropene	8.224	75	21792	5.333	ug/l #	47
38) Carbon Tetrachloride	8.224	117	22540	5.644	ug/l #	18
43) Isopropyl Acetate	8.688	43	6544	0.788	ug/l #	52
76) 1,2,3-Trichloropropane	12.847	75	99122	24.643	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	99122	50.497	ug/l #	13

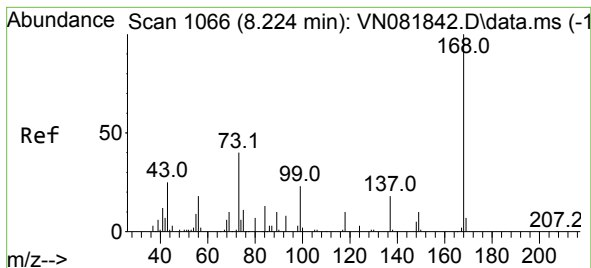
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN081876.D

Acq: 26 Apr 2024 14:32

Instrument :

MSVOA_N

ClientSampleId :

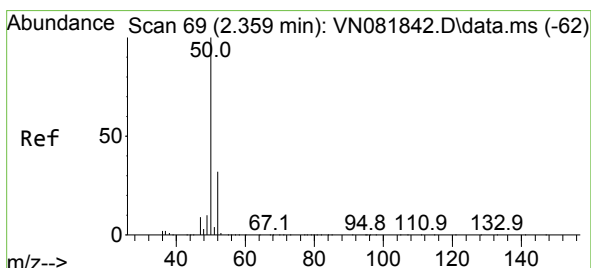
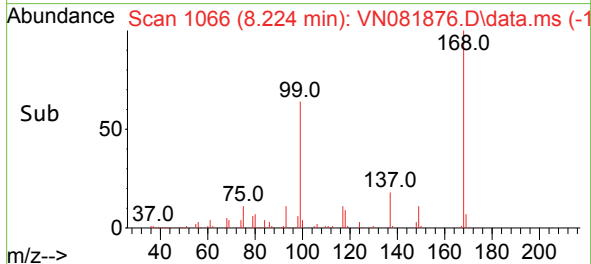
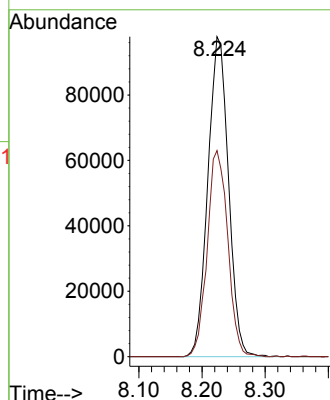
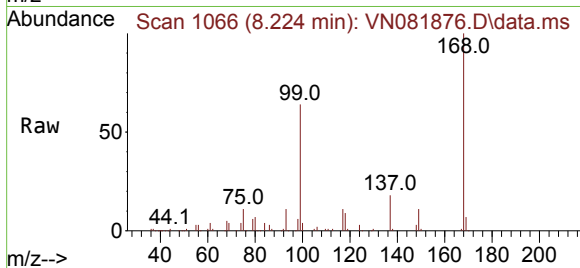
FB-01-042424

Tgt Ion:168 Resp: 221868

Ion Ratio Lower Upper

168 100

99 64.4 48.2 72.4



#3

Chloromethane

Concen: 0.253 ug/l

RT: 2.353 min Scan# 68

Delta R.T. -0.006 min

Lab File: VN081876.D

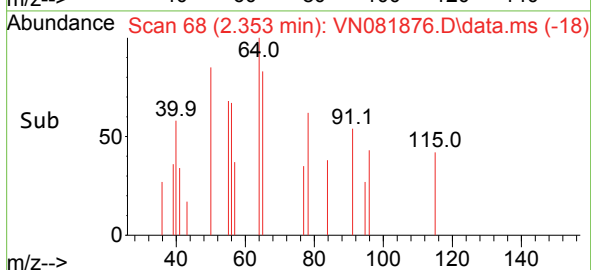
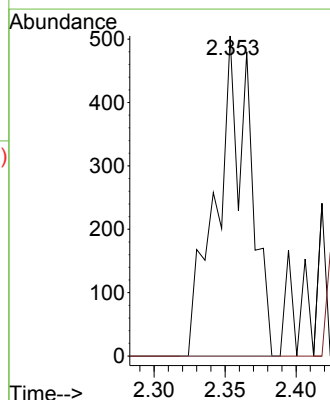
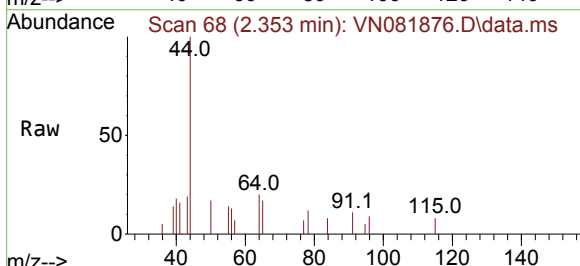
Acq: 26 Apr 2024 14:32

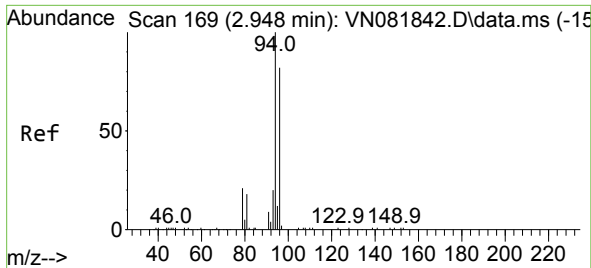
Tgt Ion: 50 Resp: 822

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

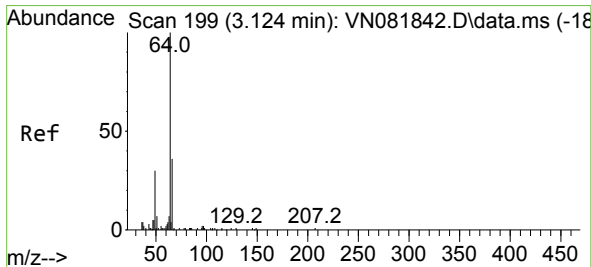
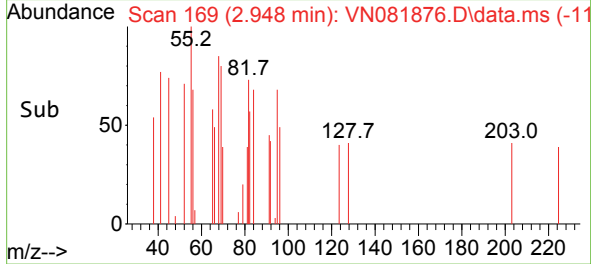
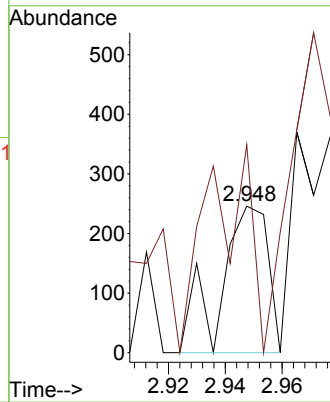
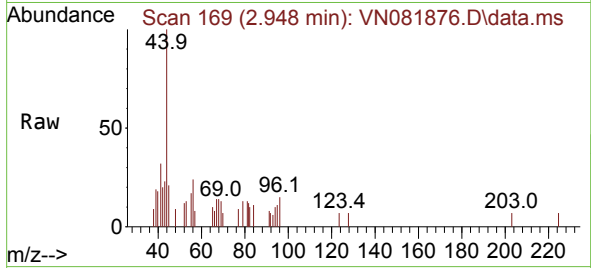




#5
Bromomethane
Concen: Below Cal
RT: 2.948 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081876.D
Acq: 26 Apr 2024 14:32

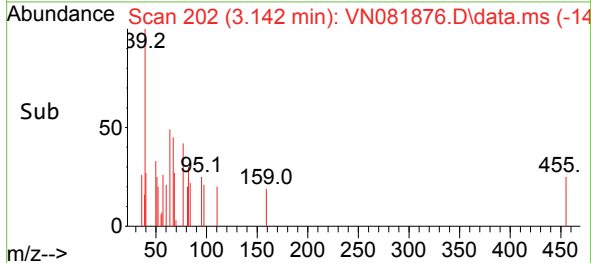
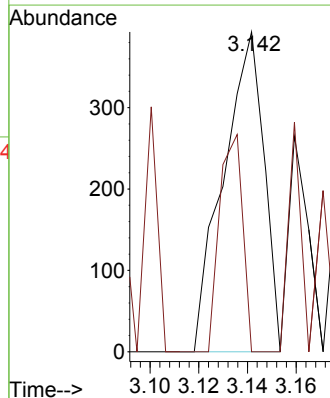
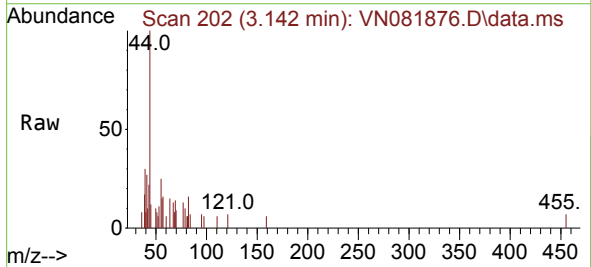
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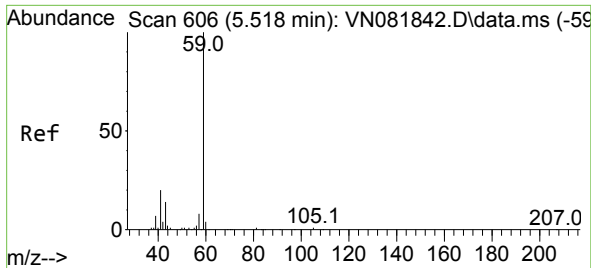
Tgt Ion: 94 Resp: 286
Ion Ratio Lower Upper
94 100
96 141.9 74.8 112.2#



#6
Chloroethane
Concen: 0.306 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.018 min
Lab File: VN081876.D
Acq: 26 Apr 2024 14:32

Tgt Ion: 64 Resp: 455
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

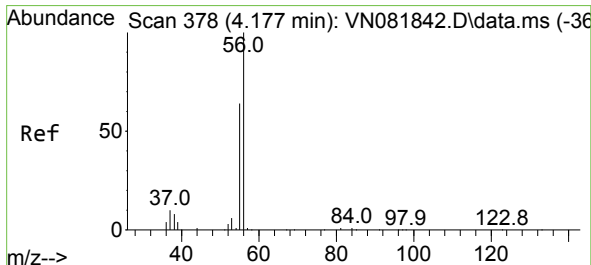
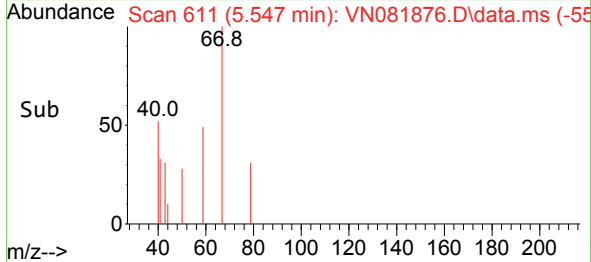
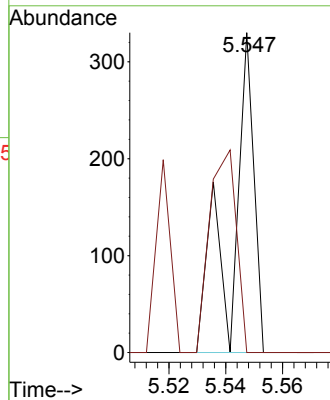
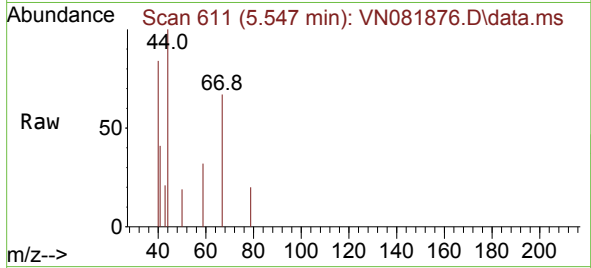




#11
Tert butyl alcohol
Concen: 0.263 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.029 min
Lab File: VN081876.D
Acq: 26 Apr 2024 14:32

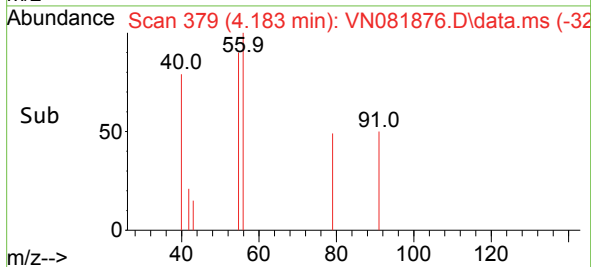
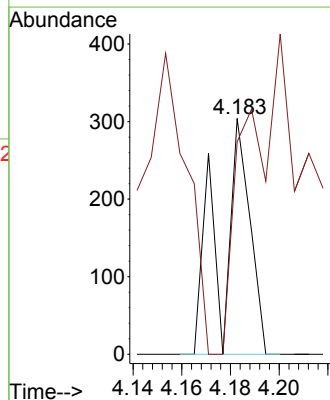
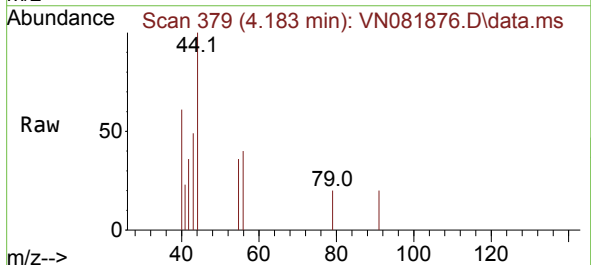
Instrument :
MSVOA_N
ClientSampleId :
FB-01-042424

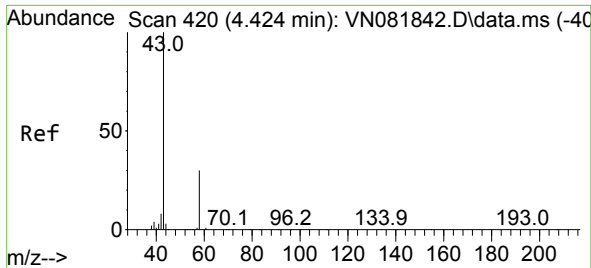
Tgt Ion: 59 Resp: 179
Ion Ratio Lower Upper
59 100
57 76.5 8.9 13.3#



#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081876.D
Acq: 26 Apr 2024 14:32

Tgt Ion: 56 Resp: 255
Ion Ratio Lower Upper
56 100
55 112.5 55.8 83.8#





#16

Acetone

Concen: Below Cal

RT: 4.442 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN081876.D

Acq: 26 Apr 2024 14:32

Instrument :

MSVOA_N

ClientSampleId :

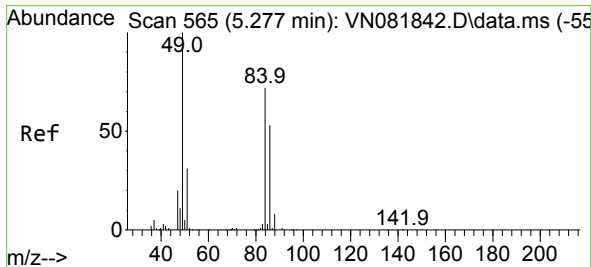
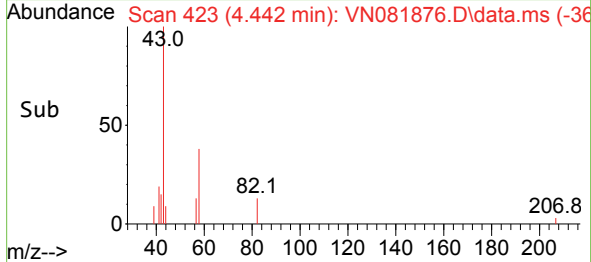
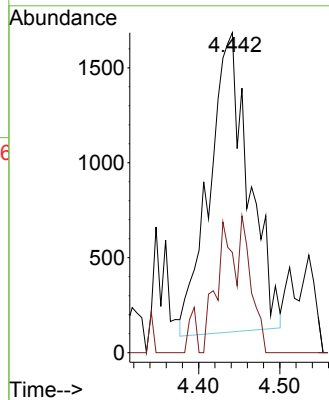
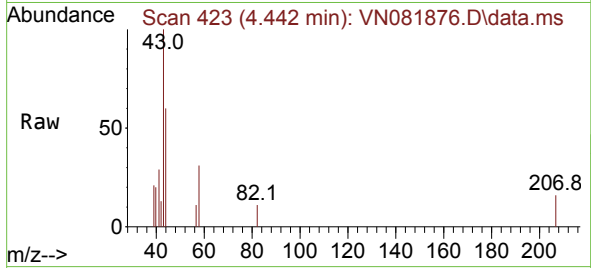
FB-01-042424

Tgt Ion: 43 Resp: 5333

Ion Ratio Lower Upper

43 100

58 34.9 25.2 37.8



#20

Methylene Chloride

Concen: 0.359 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.012 min

Lab File: VN081876.D

Acq: 26 Apr 2024 14:32

Tgt Ion: 84 Resp: 1151

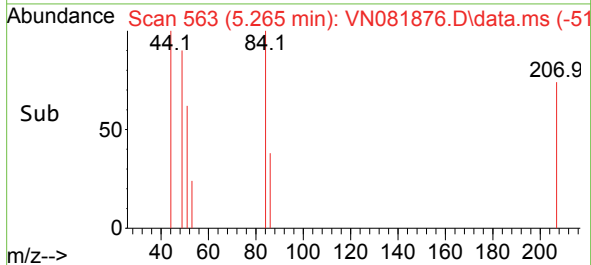
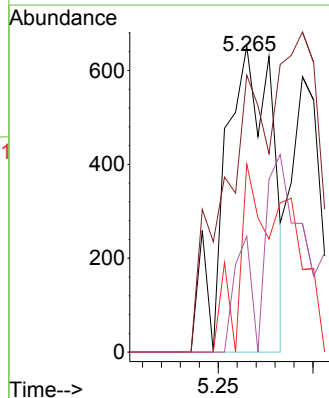
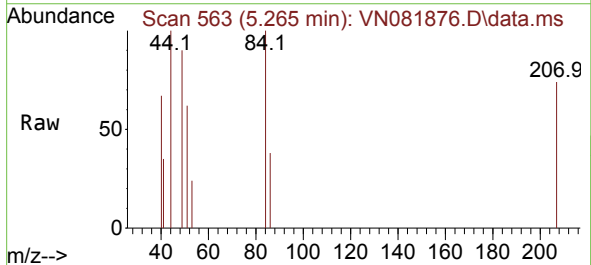
Ion Ratio Lower Upper

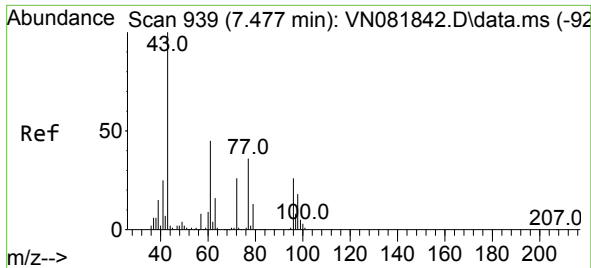
84 100

49 90.5 84.9 127.3

51 61.5 27.0 40.6#

86 37.9 52.3 78.5#

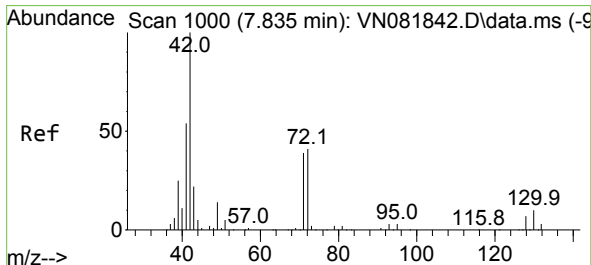
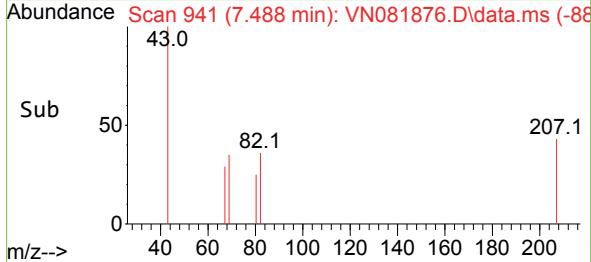
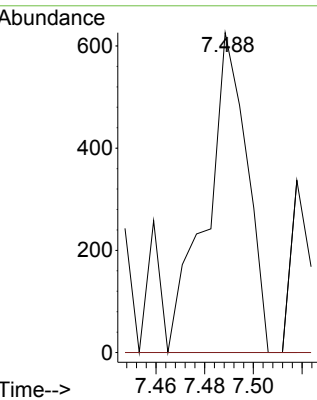
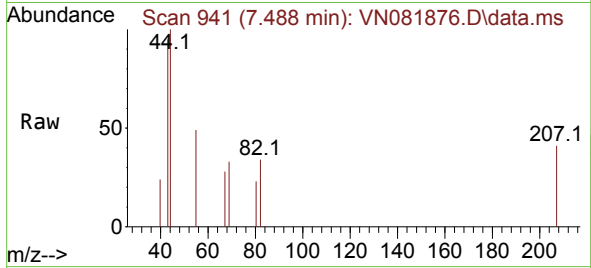




#25
2-Butanone
Concen: 0.338 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081876.D
Acq: 26 Apr 2024 14:32

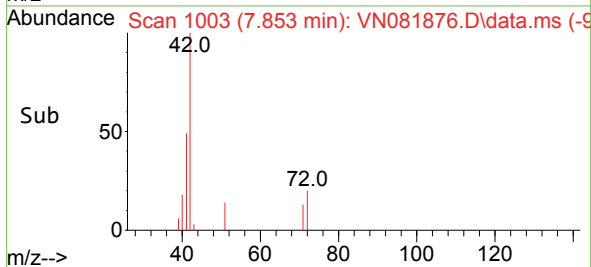
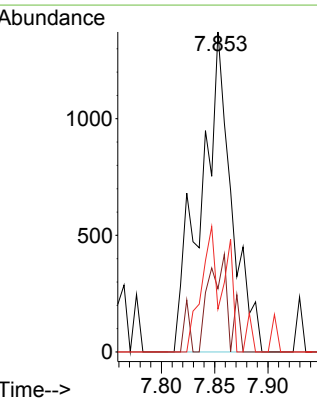
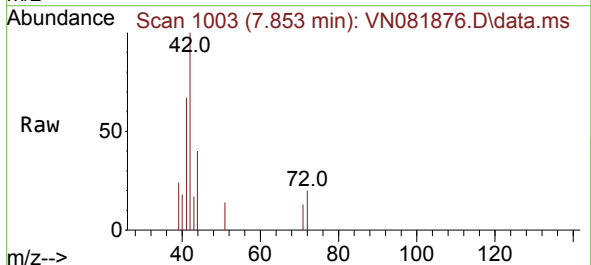
Instrument :
MSVOA_N
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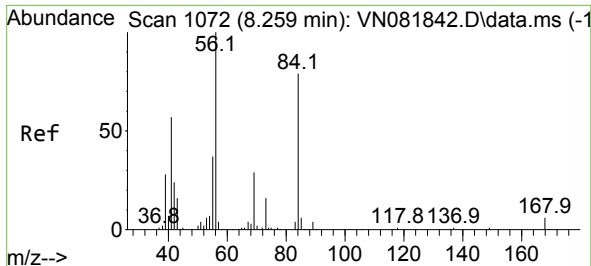
Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#29
Tetrahydrofuran
Concen: 1.804 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VN081876.D
Acq: 26 Apr 2024 14:32

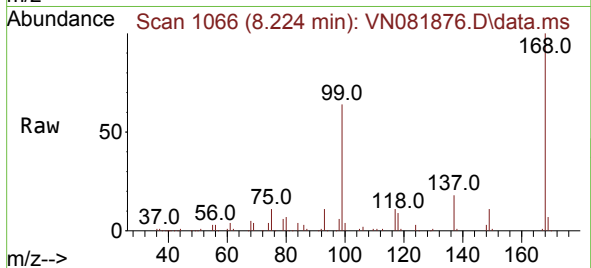
Tgt Ion: 42 Resp: 2749
Ion Ratio Lower Upper
42 100
72 19.9 39.3 58.9#
71 29.2 37.4 56.0#



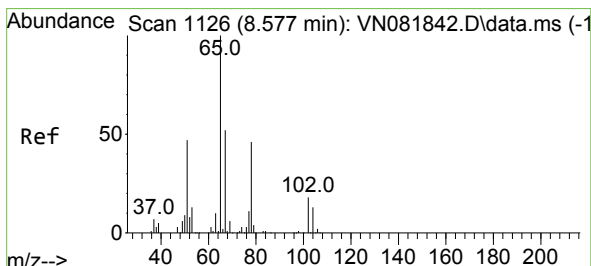
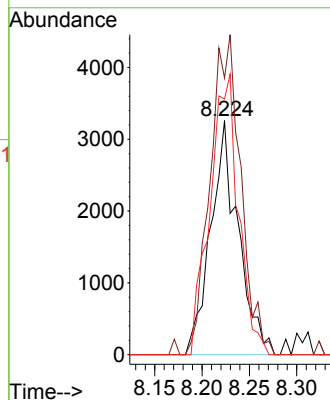
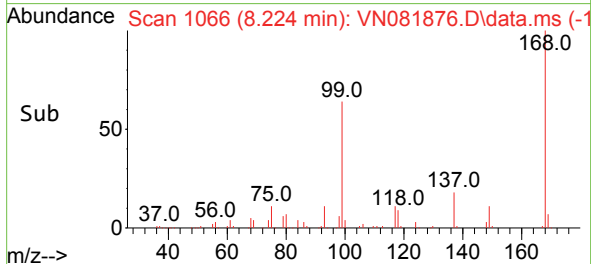


#31
Cyclohexane
Concen: 1.169 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081876.D
Acq: 26 Apr 2024 14:32

Instrument :
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ClientSampleId :
FB-01-042424

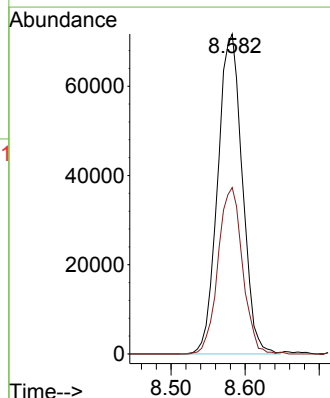
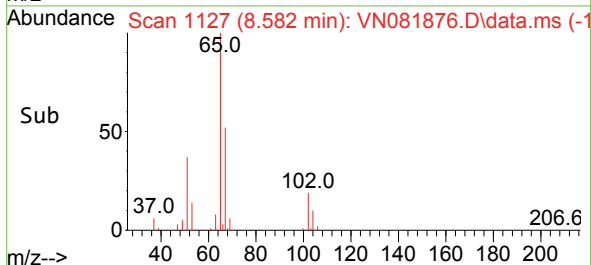
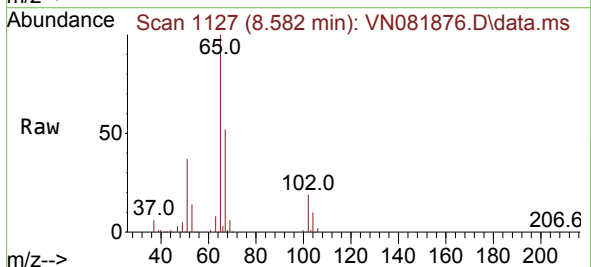


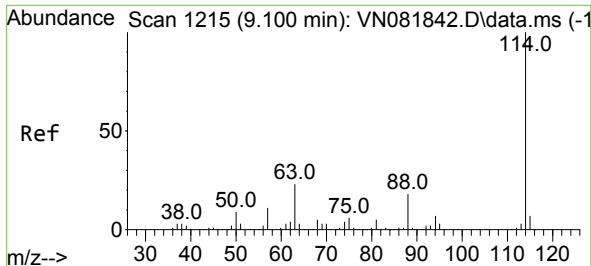
Tgt Ion: 56 Resp: 6596
Ion Ratio Lower Upper
56 100
69 118.2 24.4 36.6#
84 109.3 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 44.075 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081876.D
Acq: 26 Apr 2024 14:32

Tgt Ion: 65 Resp: 165039
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

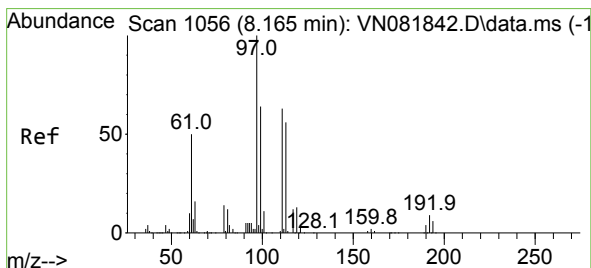
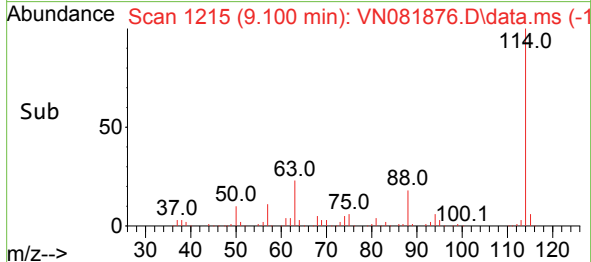
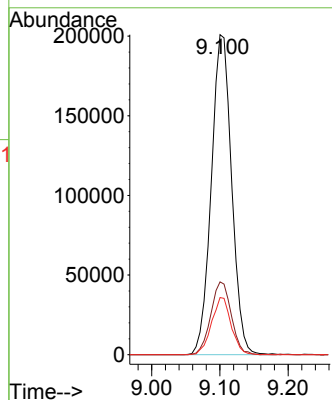
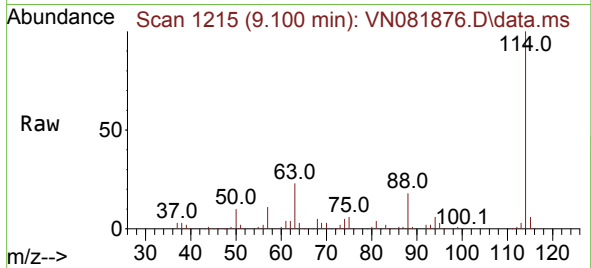




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081876.D
Acq: 26 Apr 2024 14:32

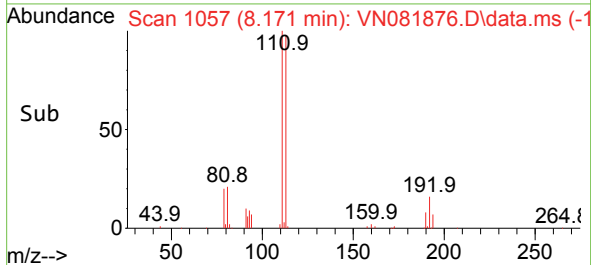
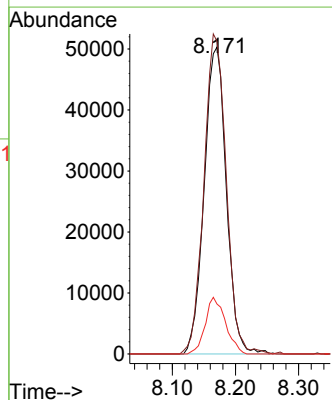
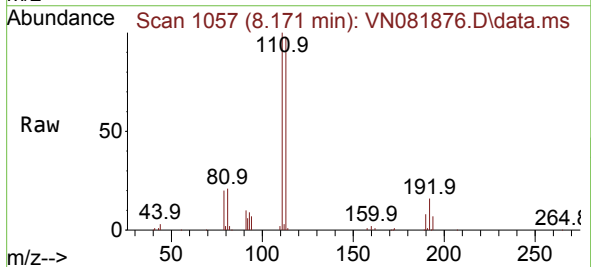
Instrument :
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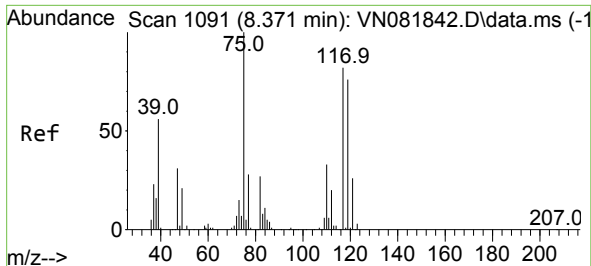
Tgt Ion:114 Resp: 417152
Ion Ratio Lower Upper
114 100
63 22.7 0.0 41.0
88 17.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.831 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081876.D
Acq: 26 Apr 2024 14:32

Tgt Ion:113 Resp: 122644
Ion Ratio Lower Upper
113 100
111 104.7 83.4 125.2
192 16.9 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.333 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081876.D

Acq: 26 Apr 2024 14:32

Instrument :

MSVOA_N

ClientSampleId :

FB-01-042424

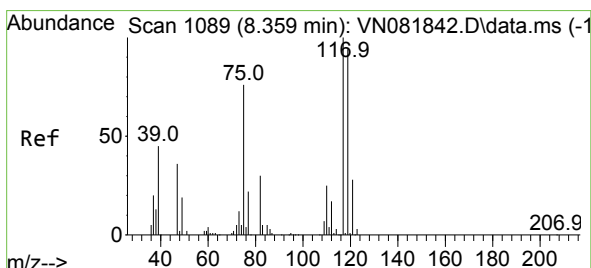
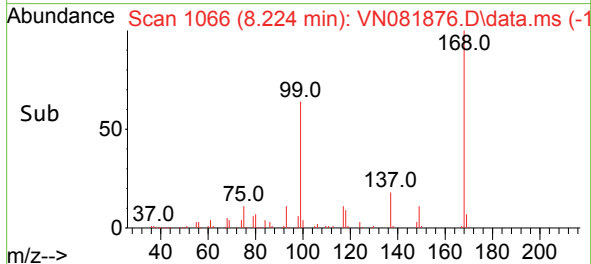
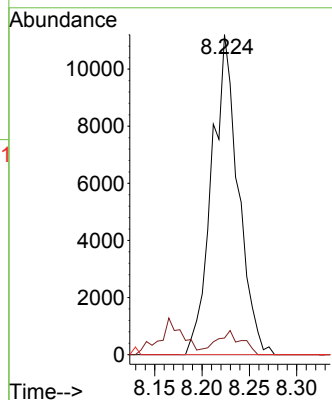
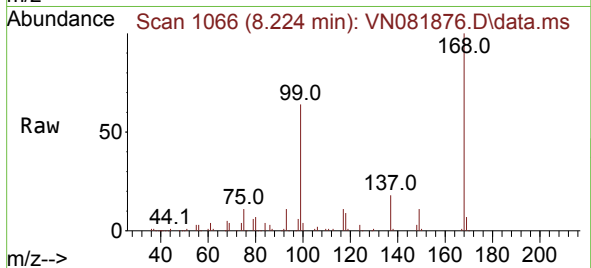
Tgt Ion: 75 Resp: 21792

Ion Ratio Lower Upper

75 100

110 7.0 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.644 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN081876.D

Acq: 26 Apr 2024 14:32

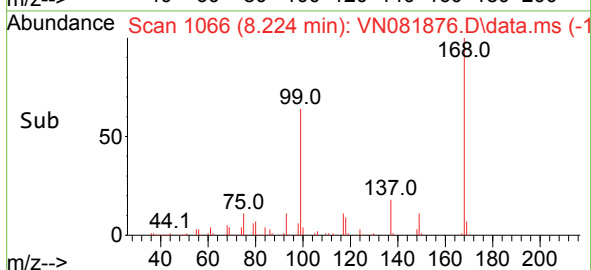
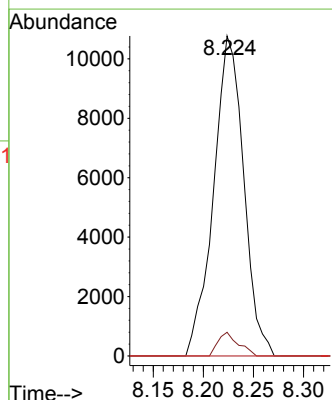
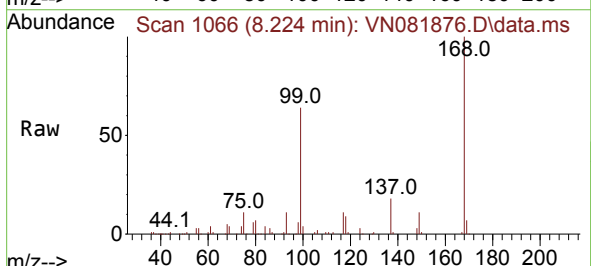
Tgt Ion: 117 Resp: 22540

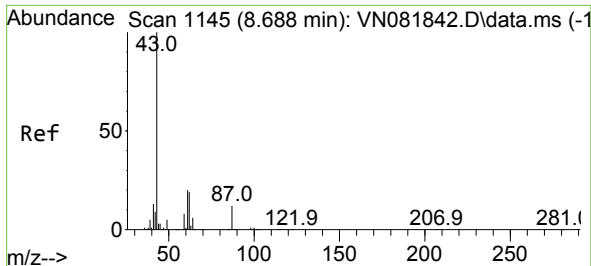
Ion Ratio Lower Upper

117 100

119 7.4 76.5 114.7#

121 0.0 23.9 35.9#

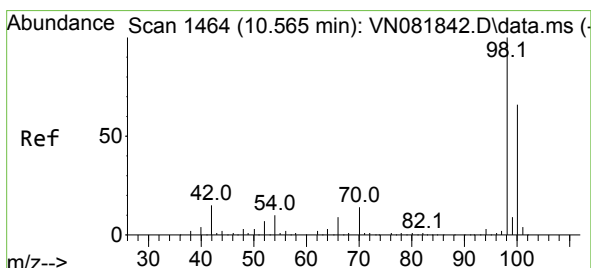
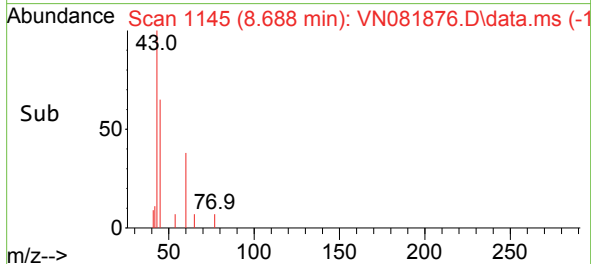
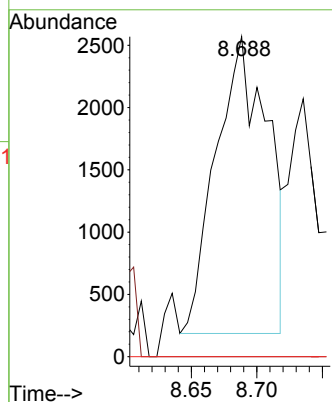
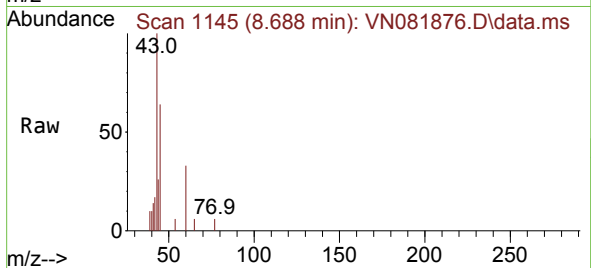




#43
Isopropyl Acetate
Concen: 0.788 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081876.D
Acq: 26 Apr 2024 14:32

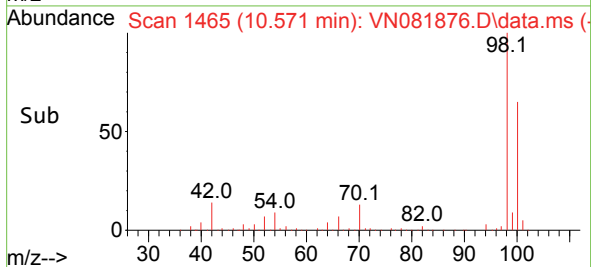
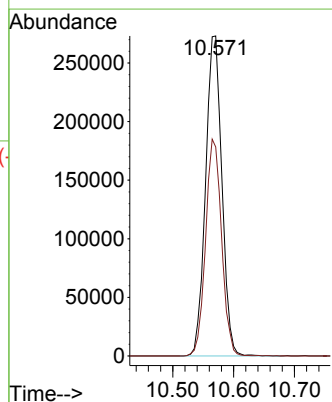
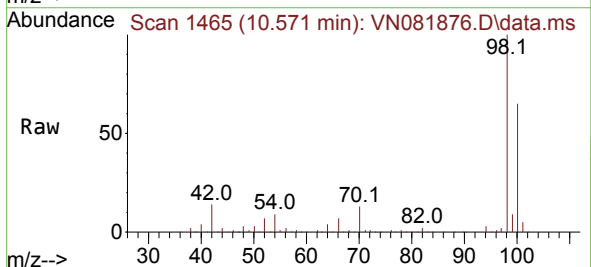
Instrument :
MSVOA_N
ClientSampleId :
FB-01-042424

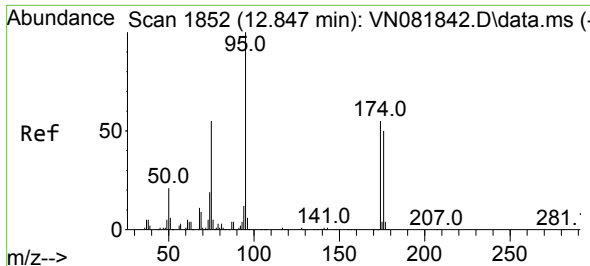
Tgt Ion: 43 Resp: 6544
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.533 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081876.D
Acq: 26 Apr 2024 14:32

Tgt Ion: 98 Resp: 508329
Ion Ratio Lower Upper
98 100
100 66.4 51.8 77.6

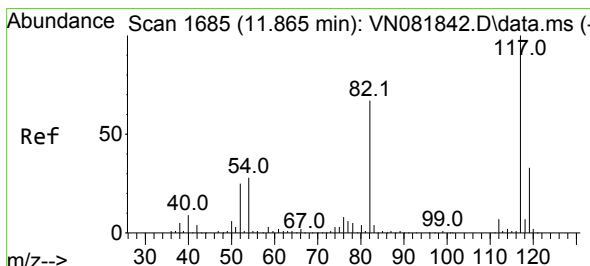
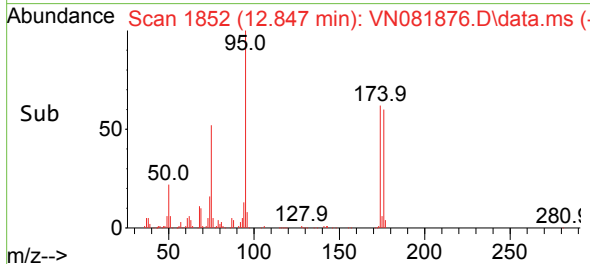
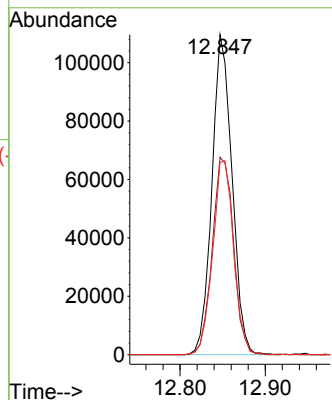
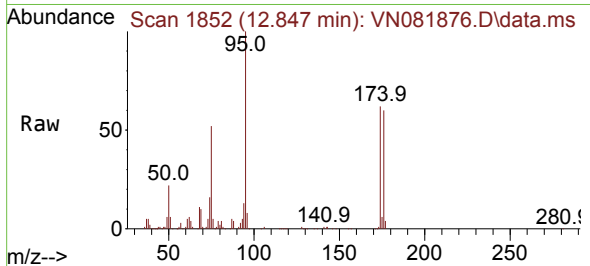




#62
4-Bromofluorobenzene
Concen: 46.000 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081876.D
Acq: 26 Apr 2024 14:32

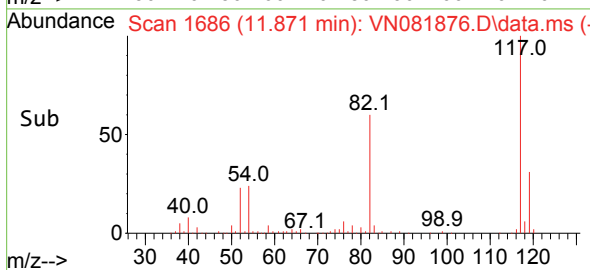
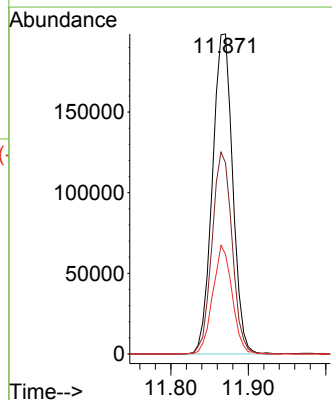
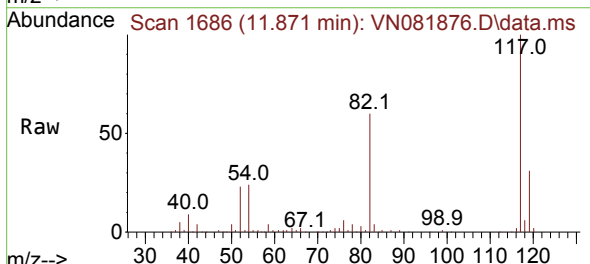
Instrument :
MSVOA_N
ClientSampleId :
FB-01-042424

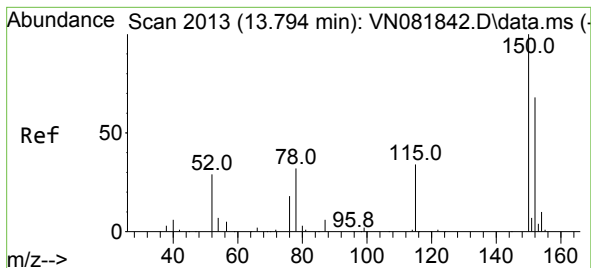
Tgt Ion: 95 Resp: 179372
Ion Ratio Lower Upper
95 100
174 65.4 0.0 160.6
176 63.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081876.D
Acq: 26 Apr 2024 14:32

Tgt Ion: 117 Resp: 362030
Ion Ratio Lower Upper
117 100
82 59.7 44.6 66.8
119 31.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081876.D

Acq: 26 Apr 2024 14:32

Instrument :

MSVOA_N

ClientSampleId :

FB-01-042424

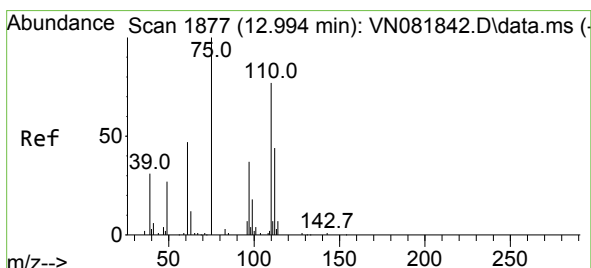
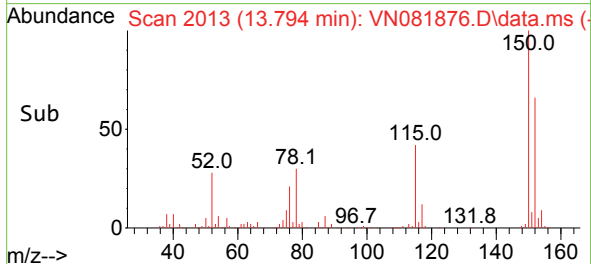
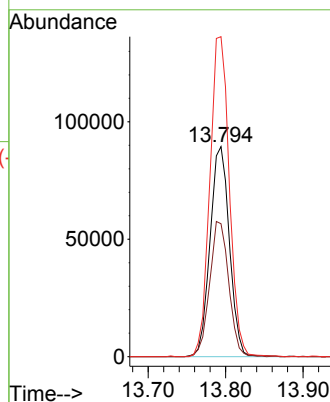
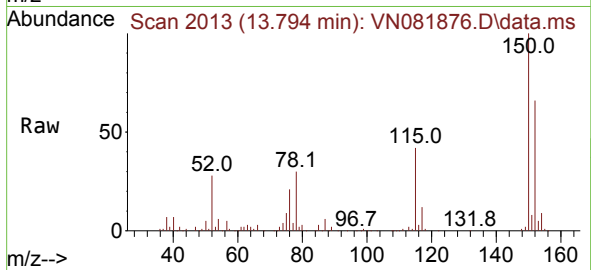
Tgt Ion:152 Resp: 155135

Ion Ratio Lower Upper

152 100

115 63.6 30.4 91.3

150 153.1 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 24.643 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081876.D

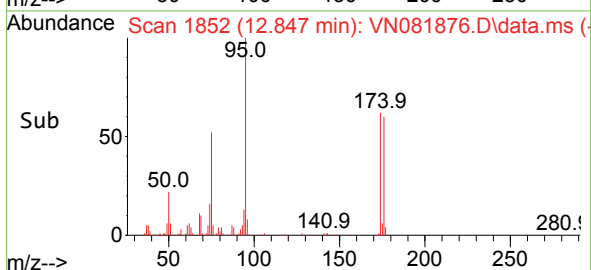
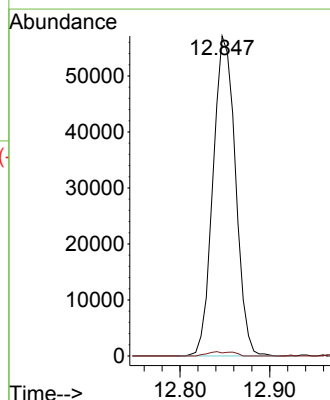
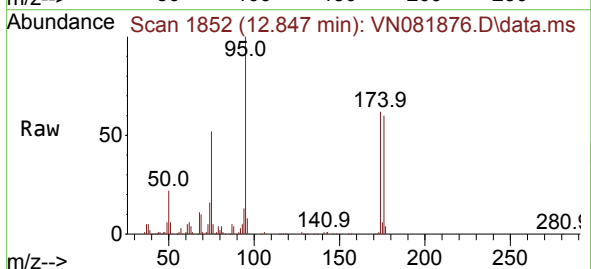
Acq: 26 Apr 2024 14:32

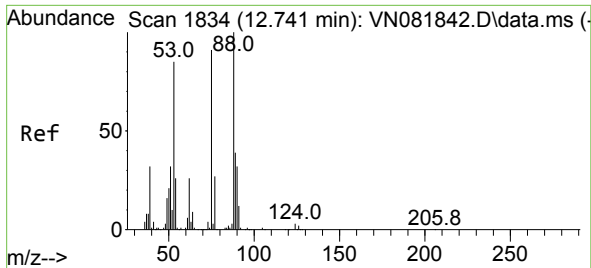
Tgt Ion: 75 Resp: 99122

Ion Ratio Lower Upper

75 100

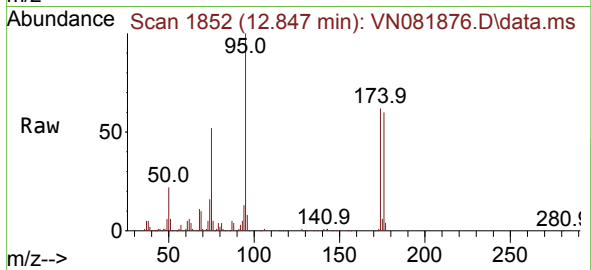
77 1.5 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.497 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081876.D
 Acq: 26 Apr 2024 14:32

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-01-042424



Tgt Ion: 75 Resp: 99122
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.1 39.1 58.7#

