

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081877.D
 Acq On : 26 Apr 2024 14:56
 Operator : JC\MD
 Sample : P2266-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-042324

Quant Time: Apr 26 23:01:05 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)

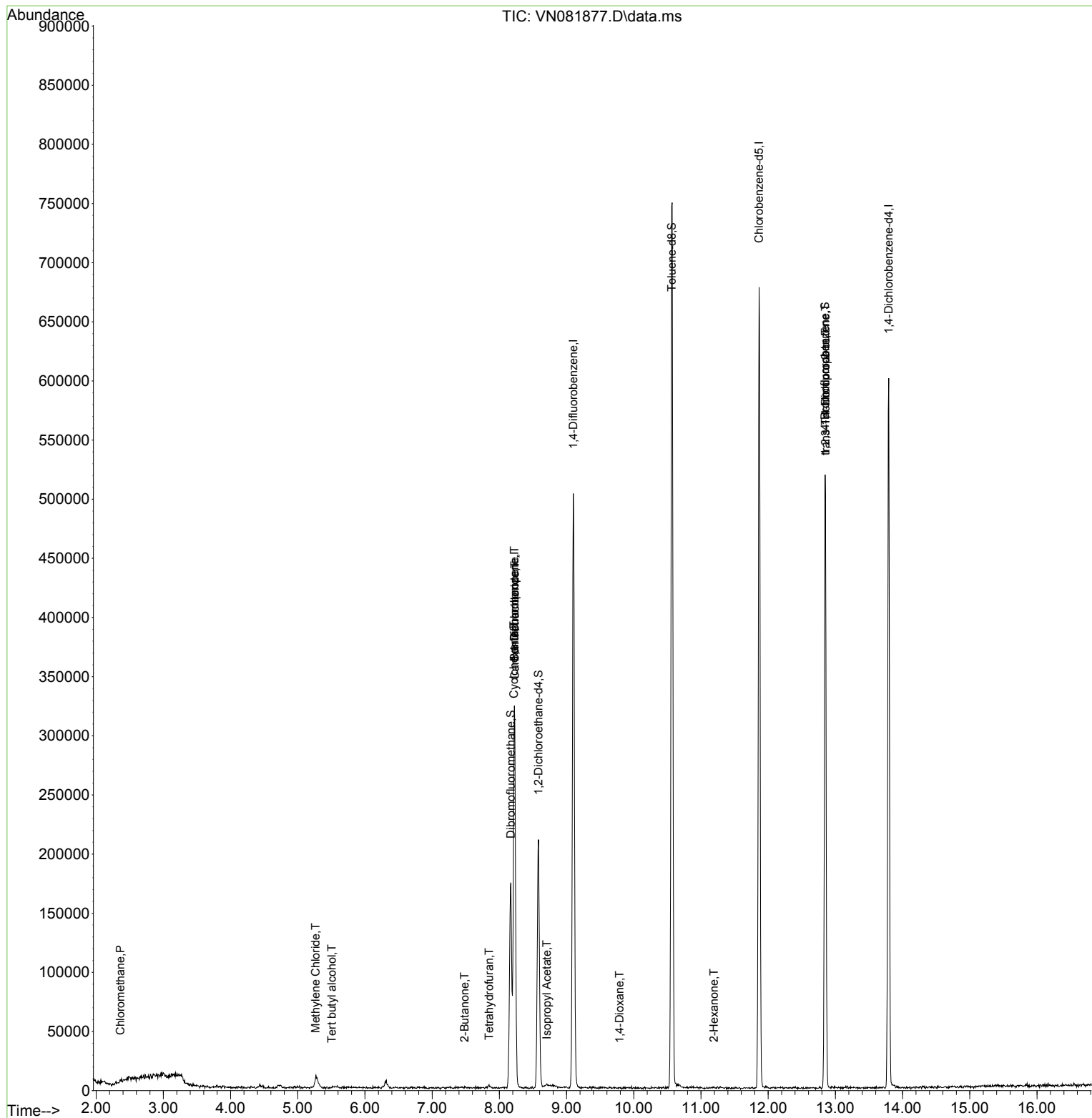
Internal Standards						
1) Pentafluorobenzene	8.224	168	230813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	427214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	167931	43.109	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	86.220%	
35) Dibromofluoromethane	8.171	113	123287	47.931	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.860%	
50) Toluene-d8	10.565	98	520831	51.557	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.120%	
62) 4-Bromofluorobenzene	12.847	95	187203	46.878	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	93.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	688	0.204	ug/l	97
5) Bromomethane	2.977	94	537	Below Cal	#	61
11) Tert butyl alcohol	5.506	59	280	0.395	ug/l #	26
13) Acrolein	4.159	56	164	Below Cal	#	1
16) Acetone	4.436	43	1278	Below Cal	#	47
20) Methylene Chloride	5.265	84	3735	1.119	ug/l #	87
25) 2-Butanone	7.483	43	492	0.223	ug/l	92
29) Tetrahydrofuran	7.847	42	1668	1.052	ug/l #	65
31) Cyclohexane	8.218	56	6491	1.106	ug/l #	35
36) 1,1-Dichloropropene	8.224	75	21235	5.075	ug/l #	48
38) Carbon Tetrachloride	8.230	117	23970	5.861	ug/l #	15
43) Isopropyl Acetate	8.706	43	3310	0.389	ug/l #	52
49) 1,4-Dioxane	9.788	88	55	0.891	ug/l #	1
59) 2-Hexanone	11.194	43	1015	0.285	ug/l #	23
76) 1,2,3-Trichloropropane	12.853	75	103621	26.277	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	103621	53.845	ug/l #	12

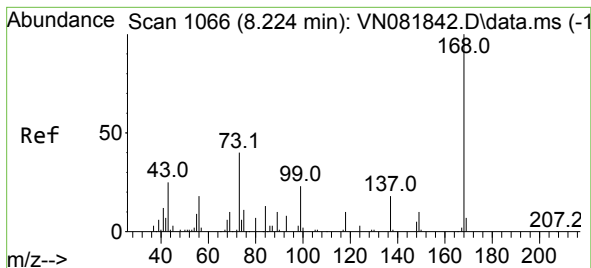
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 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: VN081877.D

Acq: 26 Apr 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

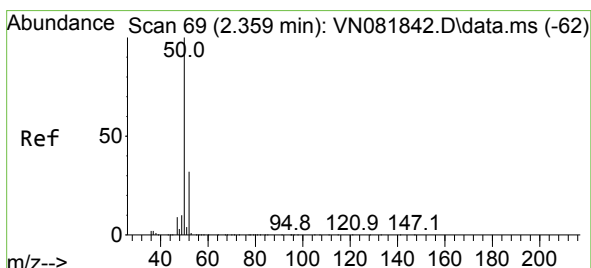
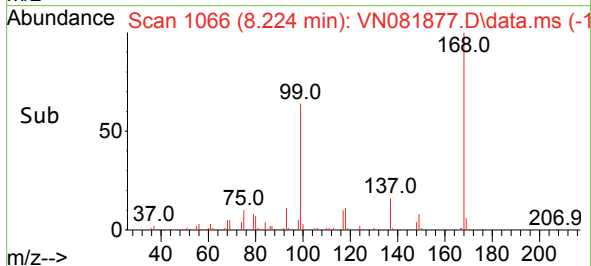
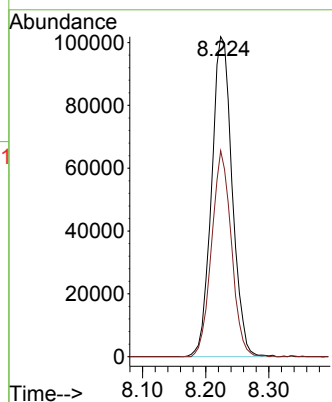
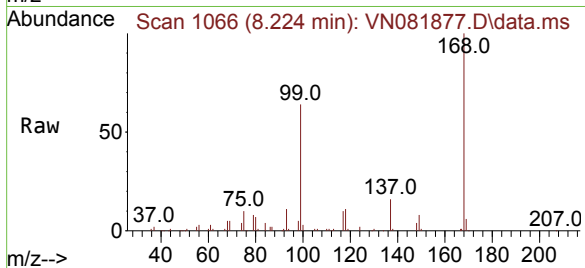
EB-042324

Tgt Ion:168 Resp: 230813

Ion Ratio Lower Upper

168 100

99 64.4 48.2 72.4



#3

Chloromethane

Concen: 0.204 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081877.D

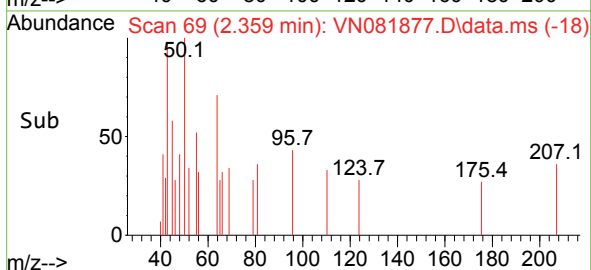
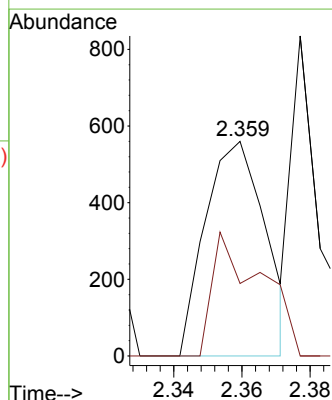
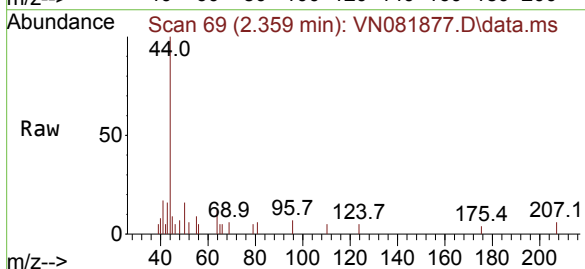
Acq: 26 Apr 2024 14:56

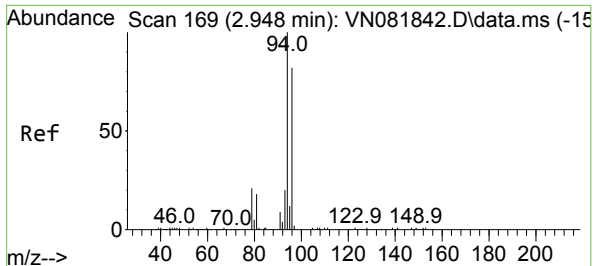
Tgt Ion: 50 Resp: 688

Ion Ratio Lower Upper

50 100

52 33.8 25.5 38.3

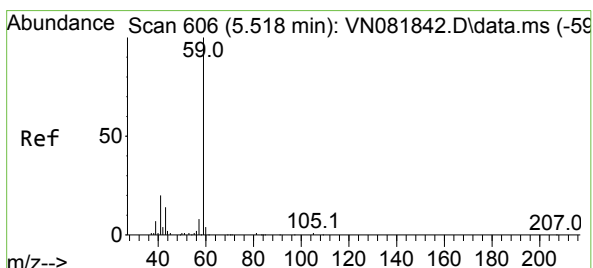
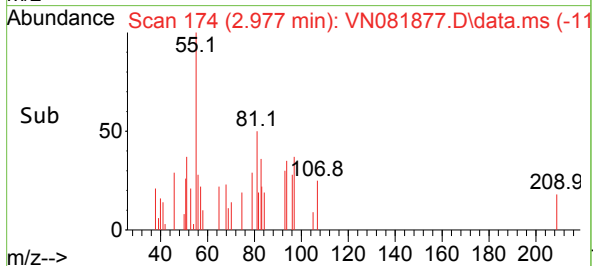
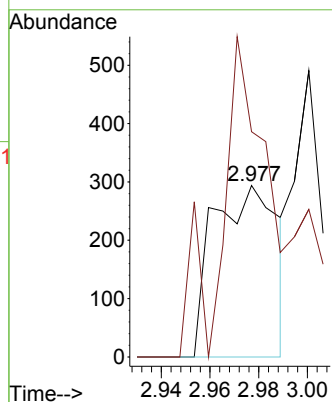
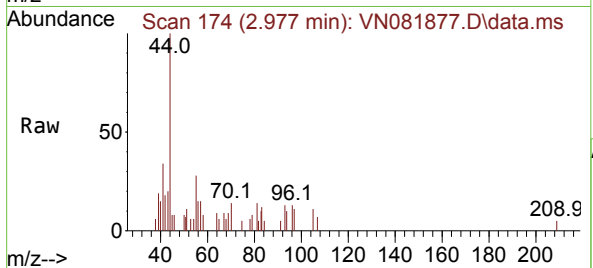




#5
Bromomethane
Concen: Below Cal
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN081877.D
Acq: 26 Apr 2024 14:56

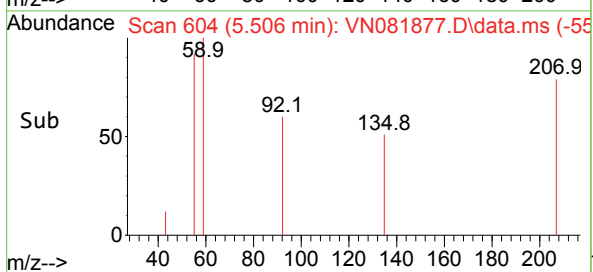
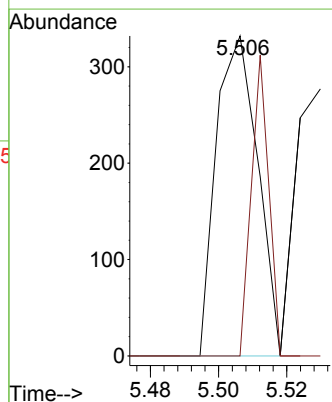
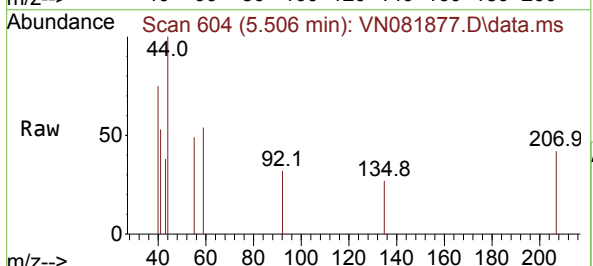
Instrument :
MSVOA_N
ClientSampleId :
EB-042324

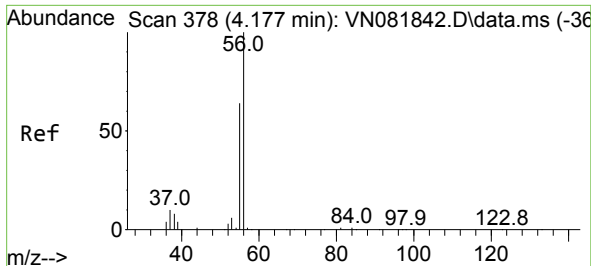
Tgt Ion: 94 Resp: 537
Ion Ratio Lower Upper
94 100
96 131.3 74.8 112.2#



#11
Tert butyl alcohol
Concen: 0.395 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.012 min
Lab File: VN081877.D
Acq: 26 Apr 2024 14:56

Tgt Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 39.3 8.9 13.3#





#13

Acrolein

Concen: Below Cal

RT: 4.159 min Scan# 31

Delta R.T. -0.018 min

Lab File: VN081877.D

Acq: 26 Apr 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

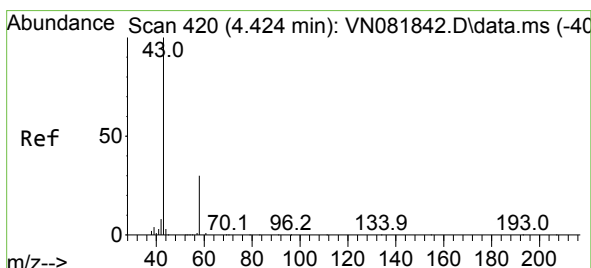
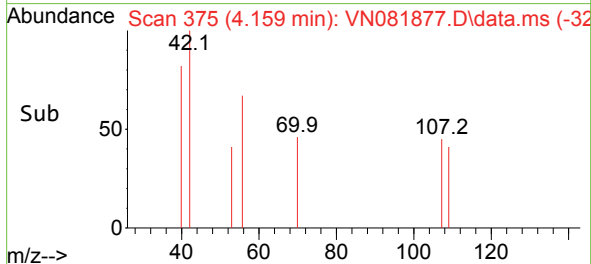
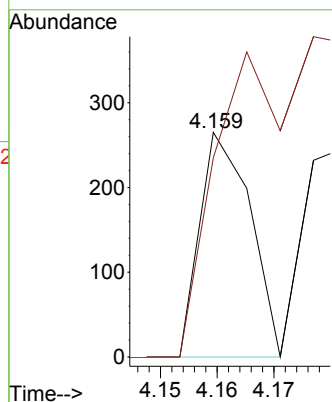
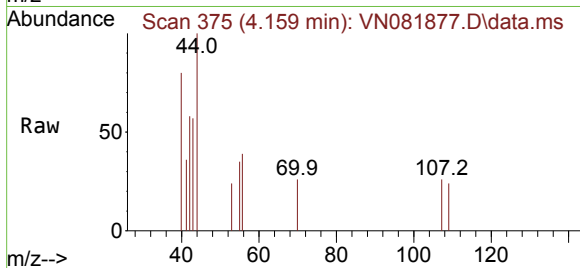
EB-042324

Tgt Ion: 56 Resp: 164

Ion Ratio Lower Upper

56 100

55 401.2 55.8 83.8#



#16

Acetone

Concen: Below Cal

RT: 4.436 min Scan# 422

Delta R.T. 0.012 min

Lab File: VN081877.D

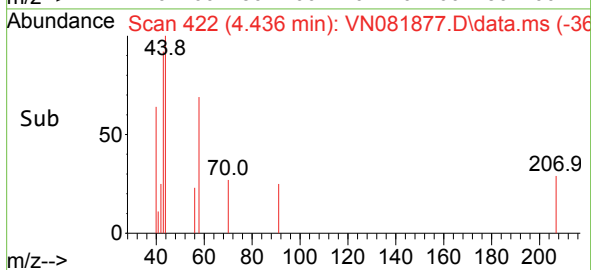
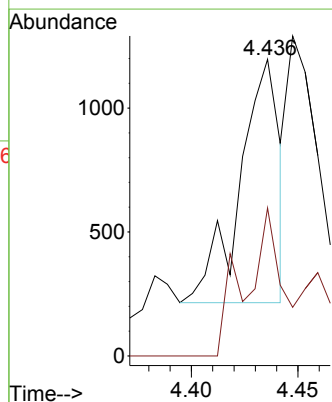
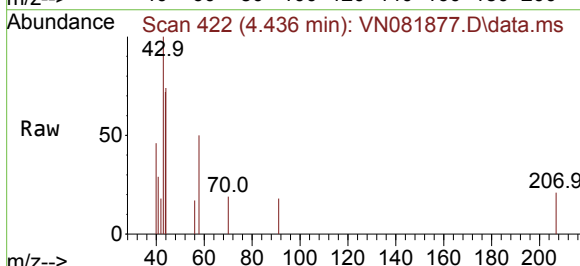
Acq: 26 Apr 2024 14:56

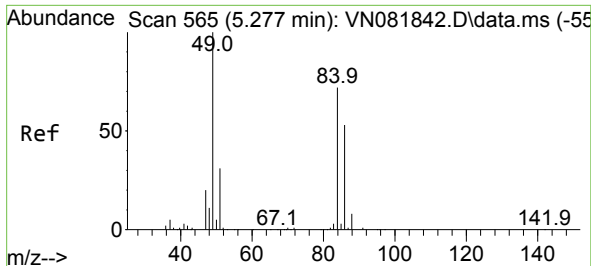
Tgt Ion: 43 Resp: 1278

Ion Ratio Lower Upper

43 100

58 60.8 25.2 37.8#

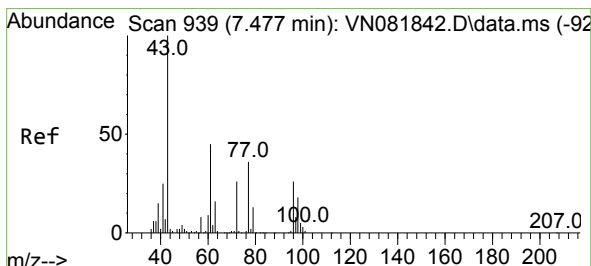
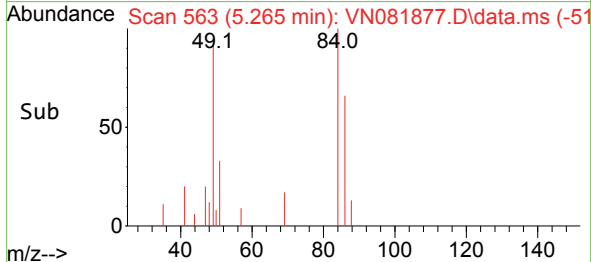
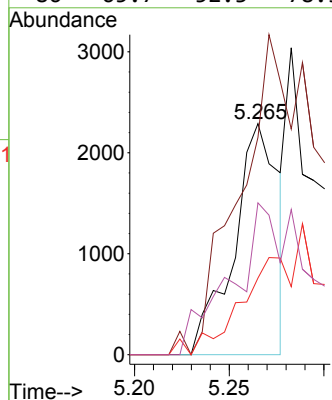
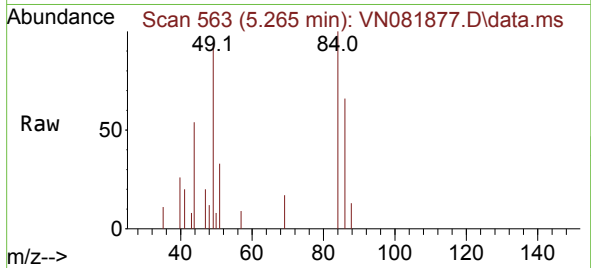




#20
Methylene Chloride
Concen: 1.119 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN081877.D
Acq: 26 Apr 2024 14:56

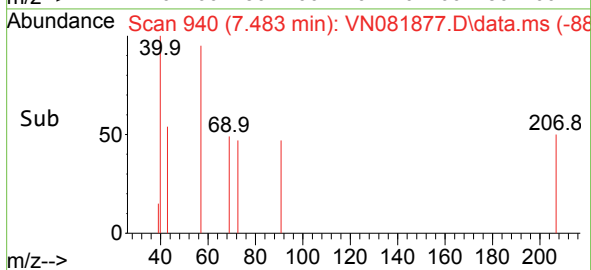
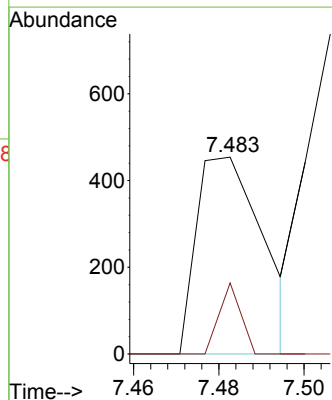
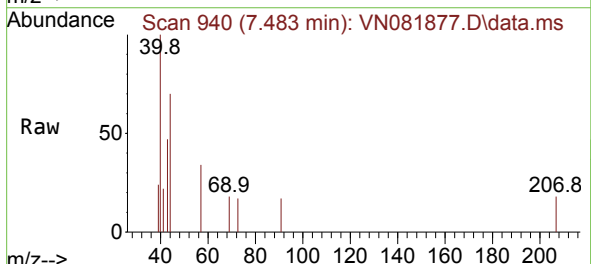
Instrument :
MSVOA_N
ClientSampleId :
EB-042324

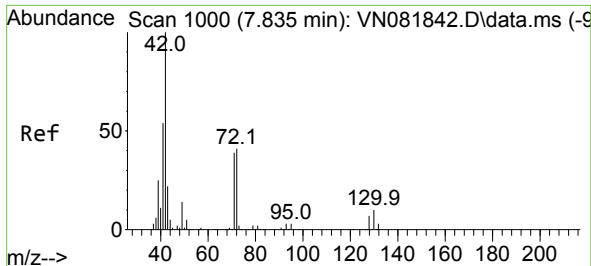
Tgt Ion: 84	Resp: 3735
Ion Ratio	Lower Upper
84 100	
49 83.9	84.9 127.3#
51 26.3	27.0 40.6#
86 65.7	52.3 78.5



#25
2-Butanone
Concen: 0.223 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081877.D
Acq: 26 Apr 2024 14:56

Tgt Ion: 43	Resp: 492
Ion Ratio	Lower Upper
43 100	
72 36.1	25.3 37.9





#29

Tetrahydrofuran

Concen: 1.052 ug/l

RT: 7.847 min Scan# 1065

Delta R.T. 0.012 min

Lab File: VN081877.D

Acq: 26 Apr 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

EB-042324

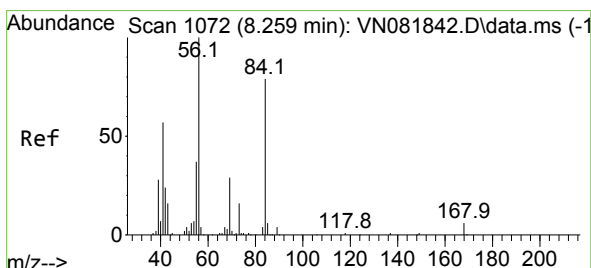
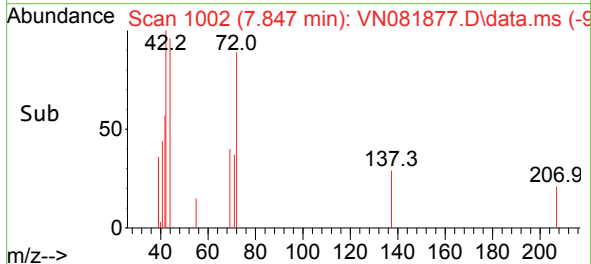
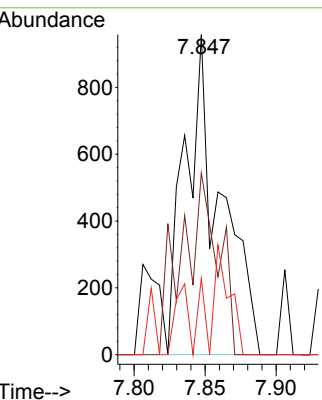
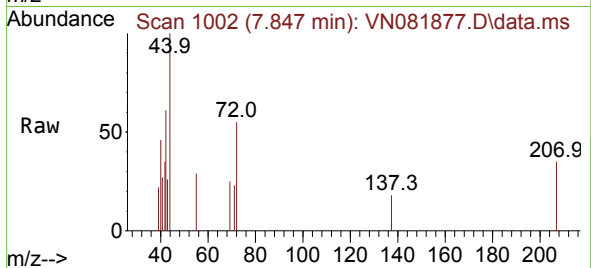
Tgt Ion: 42 Resp: 1668

Ion Ratio Lower Upper

42 100

72 57.7 39.3 58.9

71 8.0 37.4 56.0#



#31

Cyclohexane

Concen: 1.106 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

Lab File: VN081877.D

Acq: 26 Apr 2024 14:56

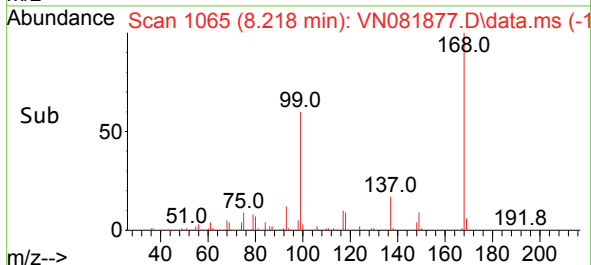
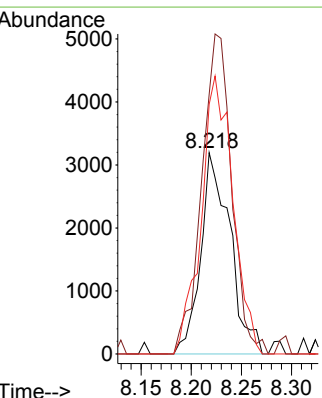
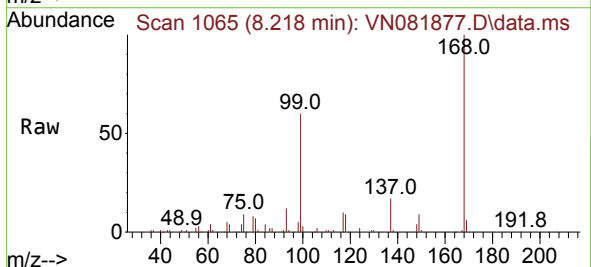
Tgt Ion: 56 Resp: 6491

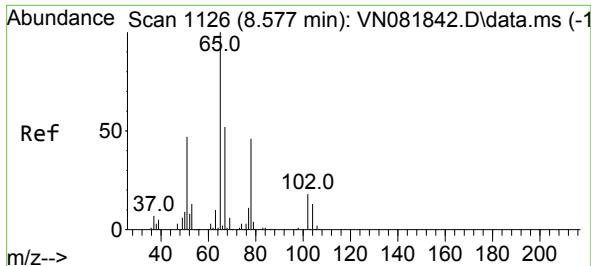
Ion Ratio Lower Upper

56 100

69 128.9 24.4 36.6#

84 124.0 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 43.109 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081877.D

Acq: 26 Apr 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

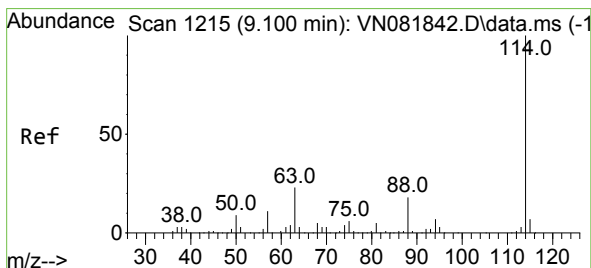
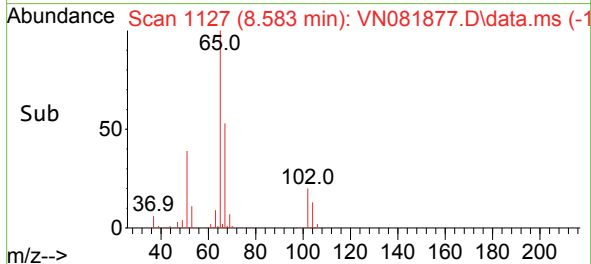
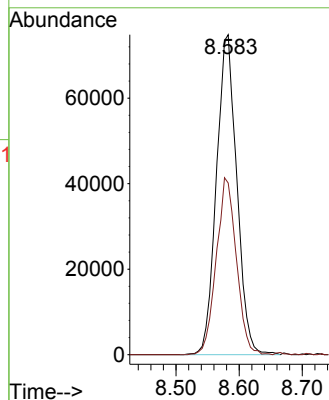
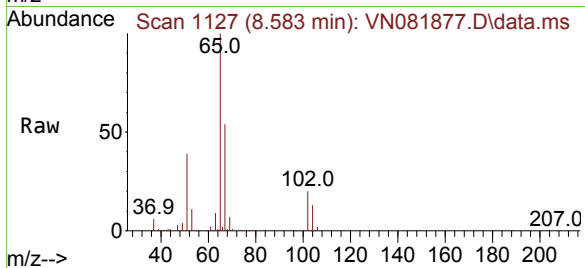
EB-042324

Tgt Ion: 65 Resp: 167931

Ion Ratio Lower Upper

65 100

67 54.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081877.D

Acq: 26 Apr 2024 14:56

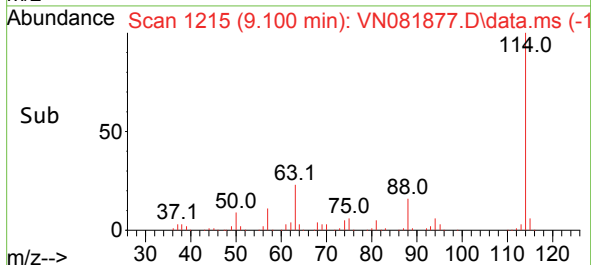
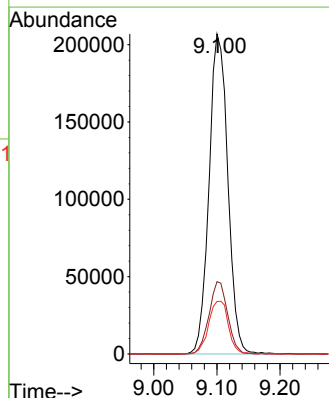
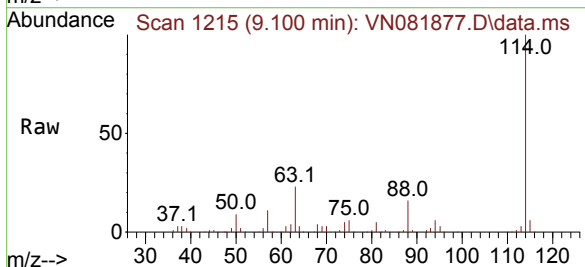
Tgt Ion: 114 Resp: 427214

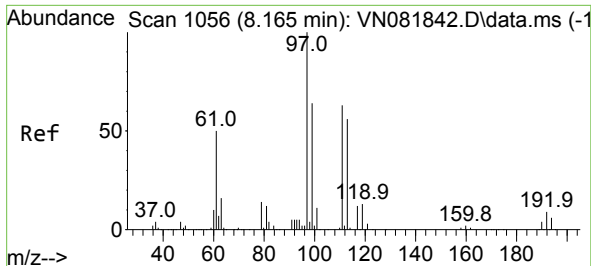
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.0

88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.931 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081877.D

Acq: 26 Apr 2024 14:56

Instrument :

MSVOA_N

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EB-042324

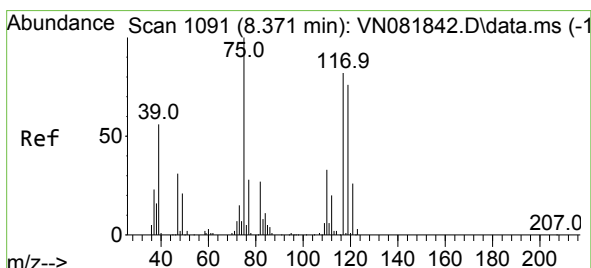
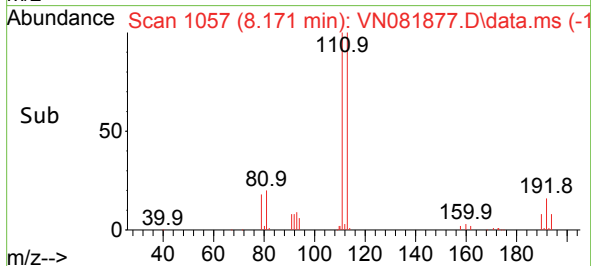
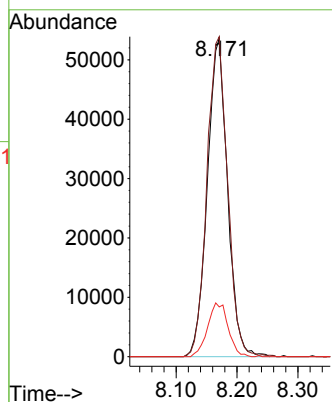
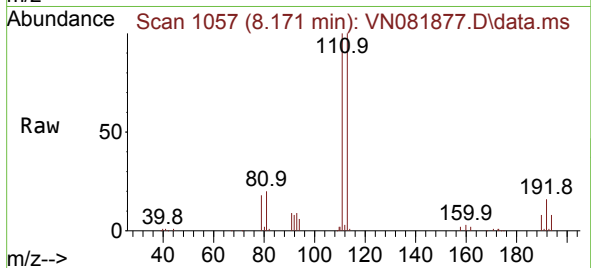
Tgt Ion:113 Resp: 123287

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 17.2 14.0 21.0



#36

1,1-Dichloropropene

Concen: 5.075 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081877.D

Acq: 26 Apr 2024 14:56

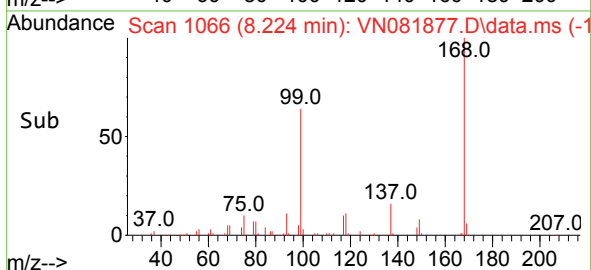
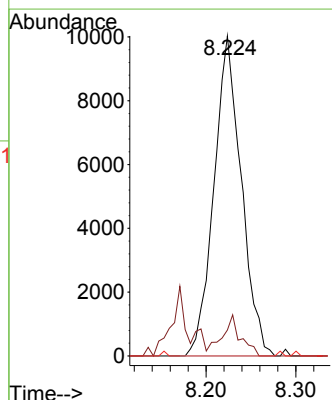
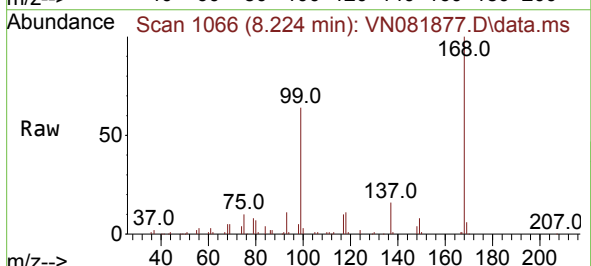
Tgt Ion: 75 Resp: 21235

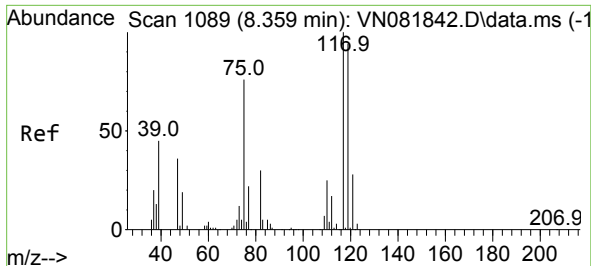
Ion Ratio Lower Upper

75 100

110 7.9 17.8 53.5#

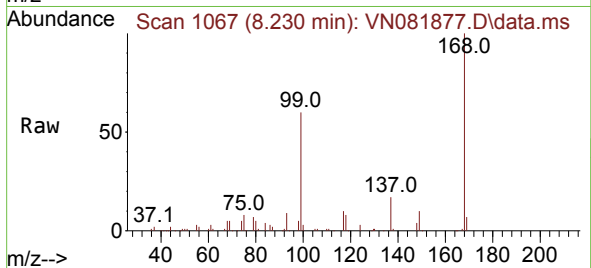
77 0.0 25.0 37.4#



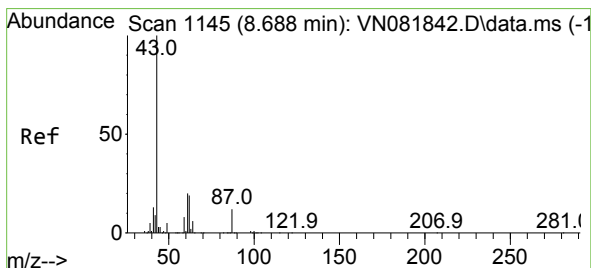
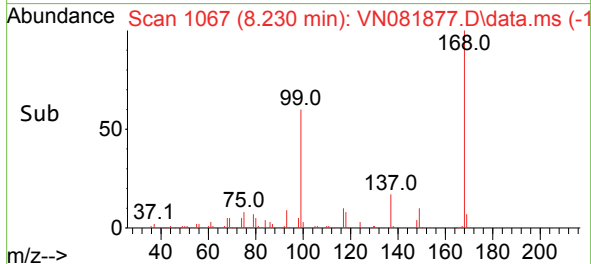
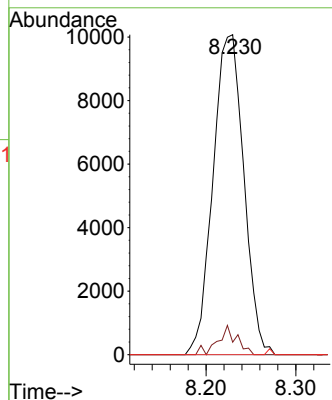


#38
Carbon Tetrachloride
Concen: 5.861 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.129 min
Lab File: VN081877.D
Acq: 26 Apr 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :
EB-042324

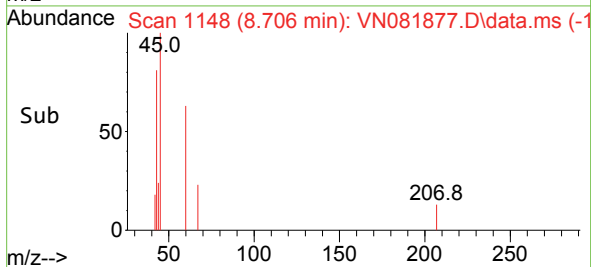
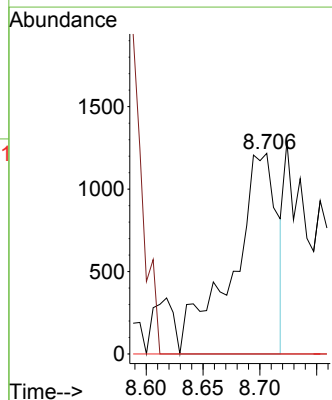
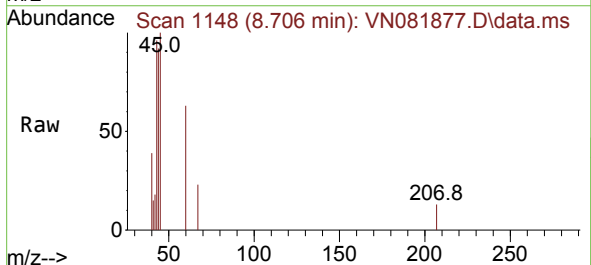


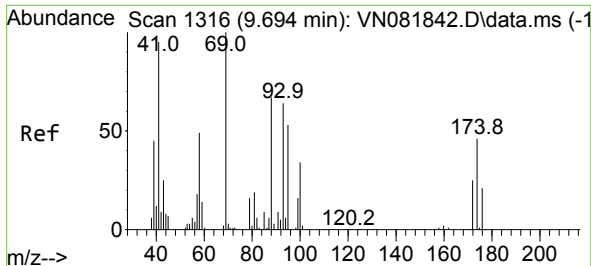
Tgt Ion: 117 Resp: 23970
Ion Ratio Lower Upper
117 100
119 3.9 76.5 114.7#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.389 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN081877.D
Acq: 26 Apr 2024 14:56

Tgt Ion: 43 Resp: 3310
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

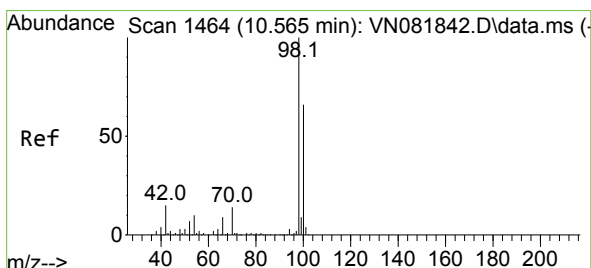
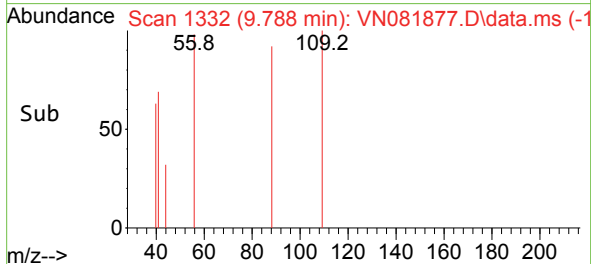
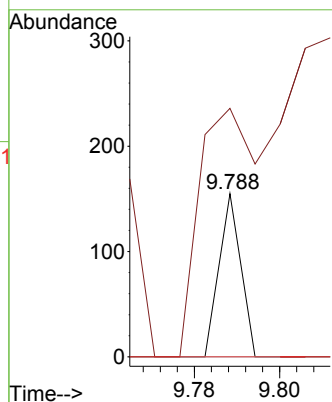
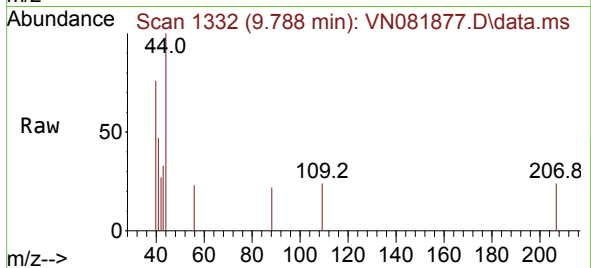




#49
1,4-Dioxane
Concen: 0.891 ug/l
RT: 9.788 min Scan# 11
Delta R.T. 0.094 min
Lab File: VN081877.D
Acq: 26 Apr 2024 14:56

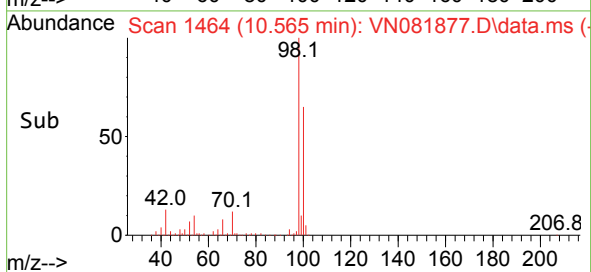
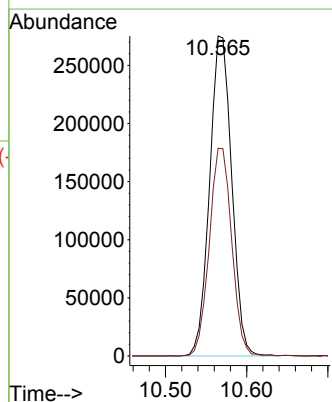
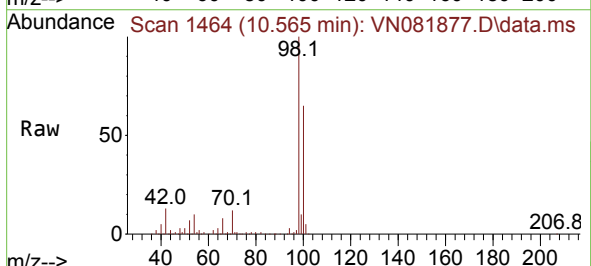
Instrument :
MSVOA_N
ClientSampleId :
EB-042324

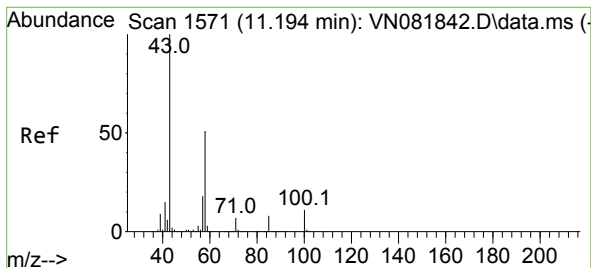
Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 403.6 19.0 28.6#
58 0.0 50.6 76.0#



#50
Toluene-d8
Concen: 51.557 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081877.D
Acq: 26 Apr 2024 14:56

Tgt Ion: 98 Resp: 520831
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6

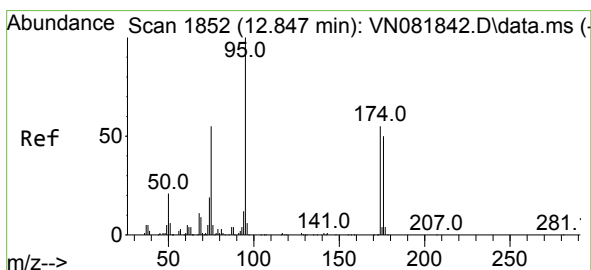
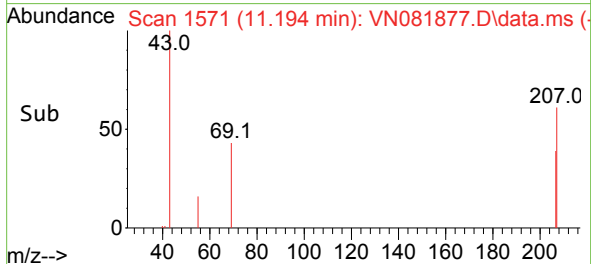
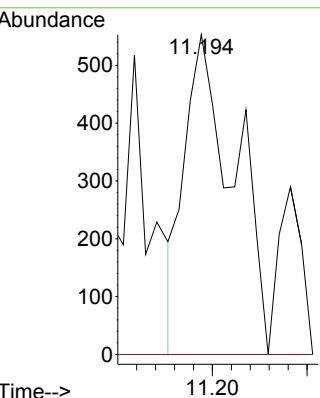
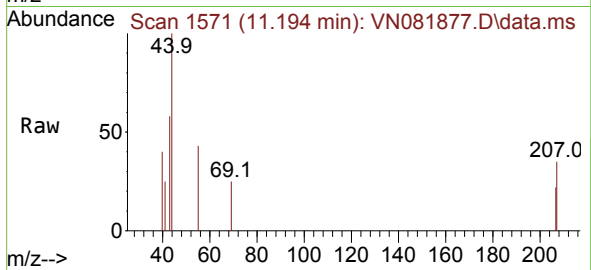




#59
2-Hexanone
Concen: 0.285 ug/l
RT: 11.194 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN081877.D
Acq: 26 Apr 2024 14:56

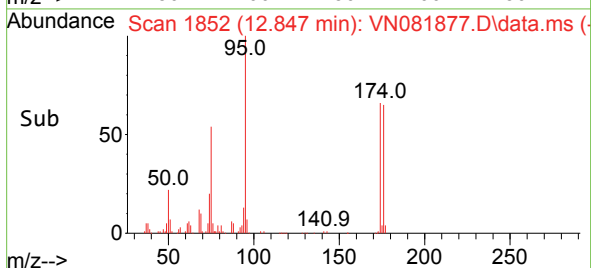
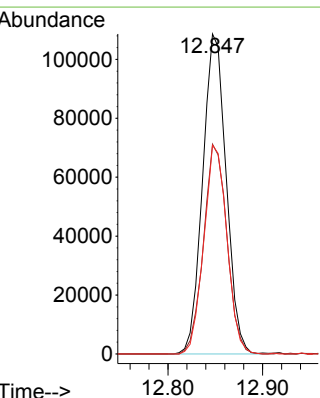
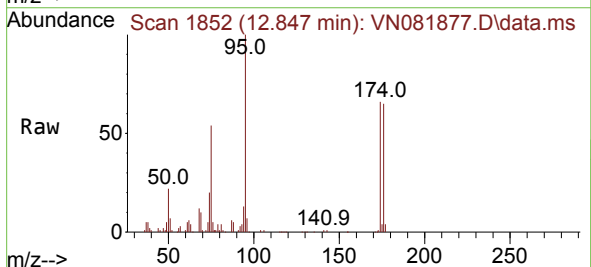
Instrument :
MSVOA_N
ClientSampleId :
EB-042324

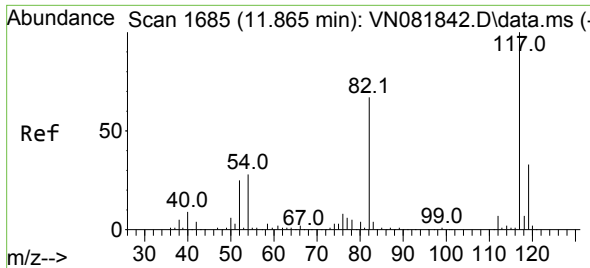
Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 46.878 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081877.D
Acq: 26 Apr 2024 14:56

Tgt Ion: 95 Resp: 187203
Ion Ratio Lower Upper
95 100
174 65.2 0.0 160.6
176 64.2 0.0 152.8

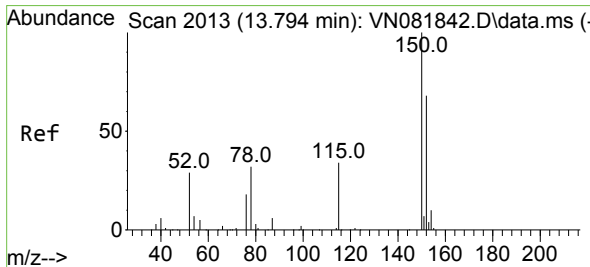
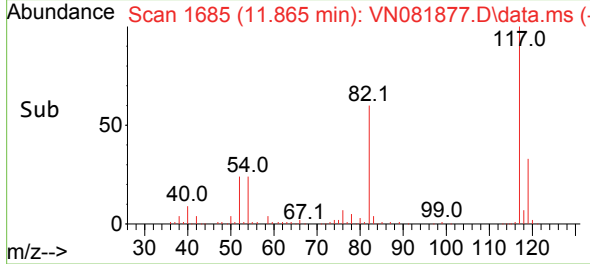
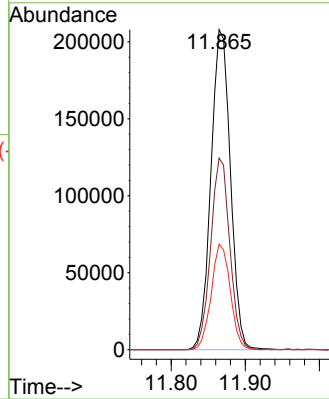
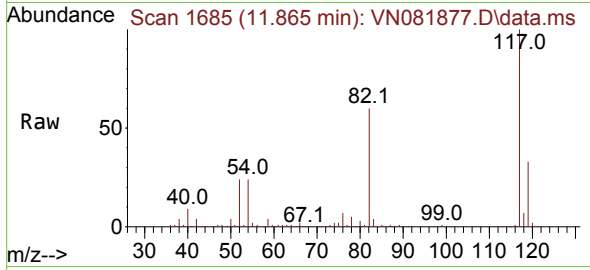




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081877.D
Acq: 26 Apr 2024 14:56

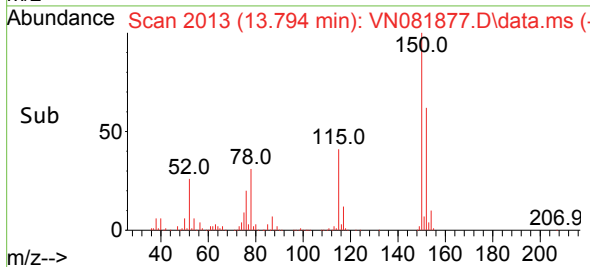
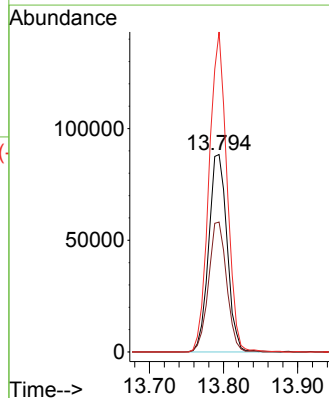
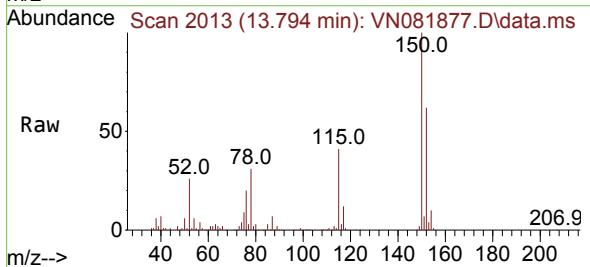
Instrument :
MSVOA_N
ClientSampleId :
EB-042324

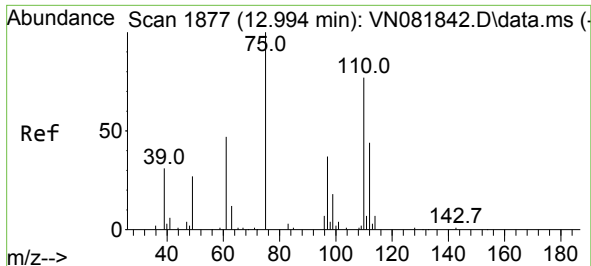
Tgt Ion:117 Resp: 379289
Ion Ratio Lower Upper
117 100
82 59.8 44.6 66.8
119 33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081877.D
Acq: 26 Apr 2024 14:56

Tgt Ion:152 Resp: 152091
Ion Ratio Lower Upper
152 100
115 65.0 30.4 91.3
150 157.5 0.0 353.2

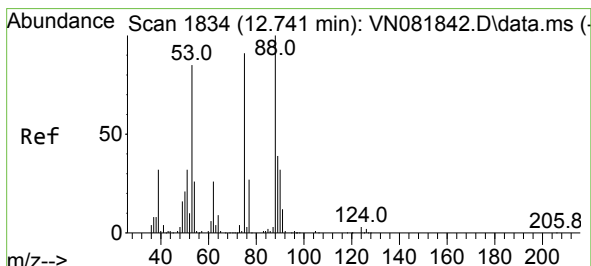
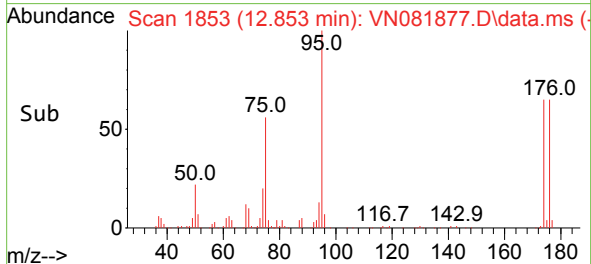
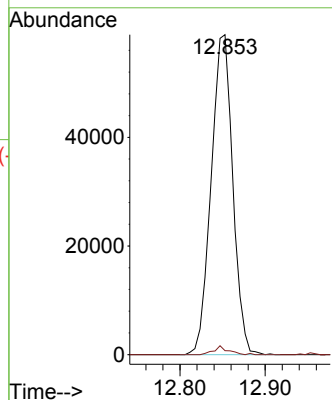
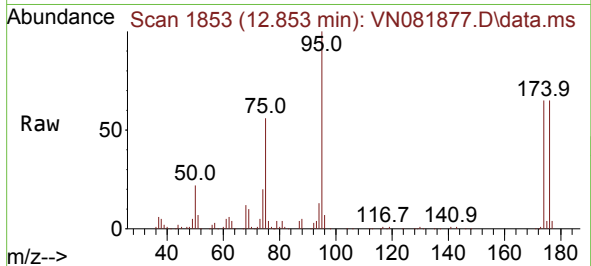




#76
1,2,3-Trichloropropane
Concen: 26.277 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081877.D
Acq: 26 Apr 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :
EB-042324

Tgt Ion: 75 Resp: 103621
Ion Ratio Lower Upper
75 100
77 1.8 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.845 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081877.D
Acq: 26 Apr 2024 14:56

Tgt Ion: 75 Resp: 103621
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.1 39.1 58.7#

