

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081178.D
 Acq On : 23 Feb 2024 22:58
 Operator : JC\MD
 Sample : P1574-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-8

Quant Time: Feb 24 01:12:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	277421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	554608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	506287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203779	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	172344	50.683	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.360%	
35) Dibromofluoromethane	8.171	113	146250	46.634	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.260%	
50) Toluene-d8	10.571	98	484098	43.461	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 86.920%	
62) 4-Bromofluorobenzene	12.853	95	179875	42.977	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.960%	

Target Compounds				Qvalue		
3) Chloromethane	2.359	50	787	Below Cal	#	43
6) Chloroethane	3.130	64	128	Below Cal	#	42
11) Tert butyl alcohol	5.530	59	4182	6.687	ug/l #	79
13) Acrolein	4.183	56	1484	4.428	ug/l #	71
16) Acetone	4.424	43	83186	62.173	ug/l	97
17) Carbon Disulfide	4.712	76	6000	0.686	ug/l	98
18) Methyl Acetate	5.018	43	5249	1.608	ug/l #	75
20) Methylene Chloride	5.289	84	23383	5.936	ug/l #	78
25) 2-Butanone	7.489	43	9250	4.279	ug/l	98
29) Tetrahydrofuran	7.847	42	5626	3.899	ug/l #	82
31) Cyclohexane	8.230	56	7707	1.313	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	24556	4.570	ug/l #	52
37) Ethyl Acetate	7.565	43	7216	1.488	ug/l	98
38) Carbon Tetrachloride	8.230	117	32470	5.973	ug/l #	21
40) Benzene	8.606	78	104135	6.696	ug/l	96
42) 1,2-Dichloroethane	8.694	62	2582	0.476	ug/l #	75
43) Isopropyl Acetate	8.688	43	537209	63.345	ug/l #	78
45) 1,2-Dichloropropane	9.747	63	3290	0.846	ug/l #	42
48) Methyl methacrylate	9.671	41	11424	2.895	ug/l #	42
49) 1,4-Dioxane	9.677	88	60	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.453	43	30368	6.225	ug/l	90
52) Toluene	10.635	92	62695	6.368	ug/l	100
53) t-1,3-Dichloropropene	10.730	75	1778	0.298	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	94569	14.672	ug/l #	63
57) 1,3-Dichloropropane	11.206	76	11256	1.719	ug/l #	44
59) 2-Hexanone	11.177	43	208126	53.811	ug/l #	26
67) Ethyl Benzene	11.965	91	9714	0.495	ug/l	91
68) m/p-Xylenes	12.065	106	21029	2.798	ug/l	92
69) o-Xylene	12.400	106	16379	2.199	ug/l	91
70) Styrene	12.418	104	8677	0.735	ug/l #	82
74) N-amyl acetate	12.453	43	6565	0.871	ug/l #	47
76) 1,2,3-Trichloropropane	12.853	75	99544	21.500	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.176	105	6332	0.438	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.853	75	99544	55.339	ug/l #	14
85) sec-Butylbenzene	13.494	105	27814	1.601	ug/l #	60
95) Naphthalene	15.641	128	566551	38.252	ug/l	100

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Quant Time: Feb 24 01:12:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

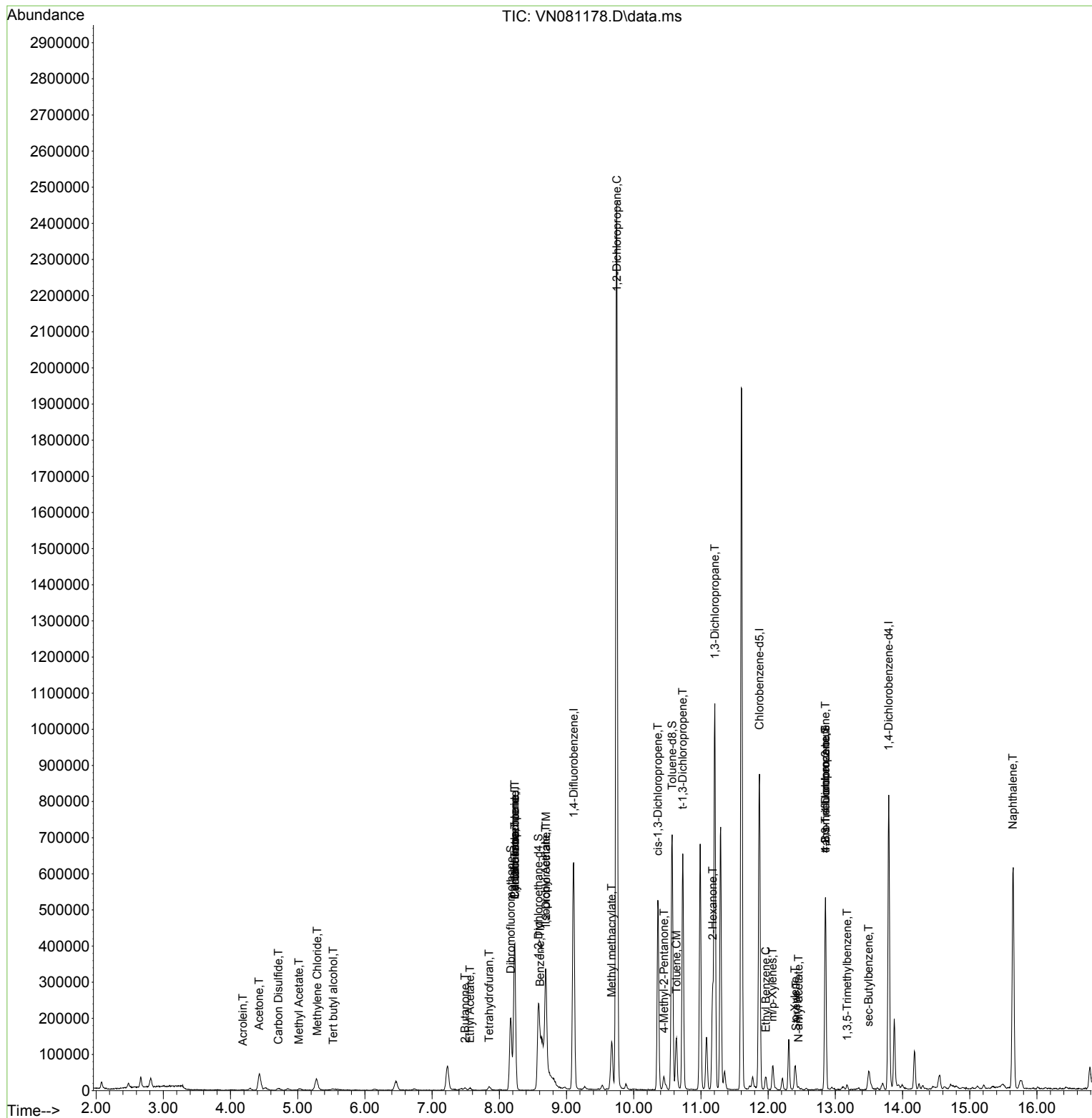
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

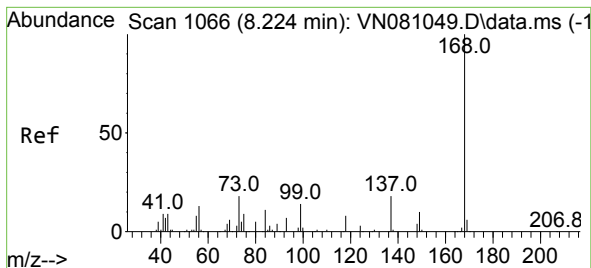
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

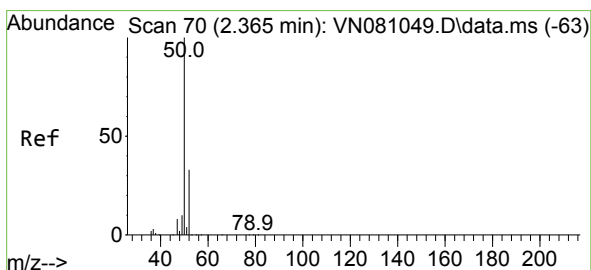
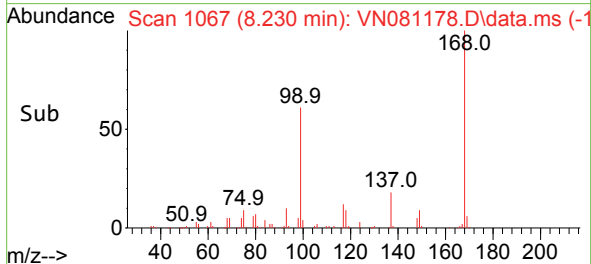
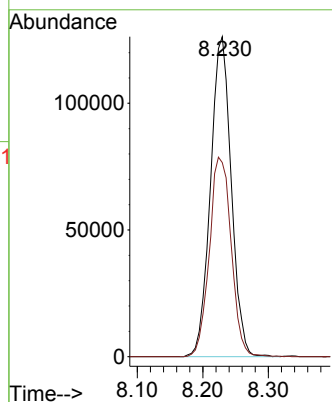
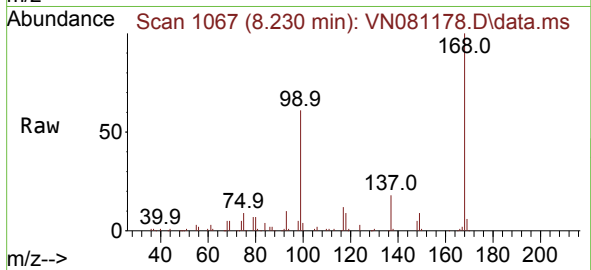
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Tgt Ion:168 Resp: 277421

Ion Ratio Lower Upper

168 100

99 60.7 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 69

Delta R.T. -0.006 min

Lab File: VN081178.D

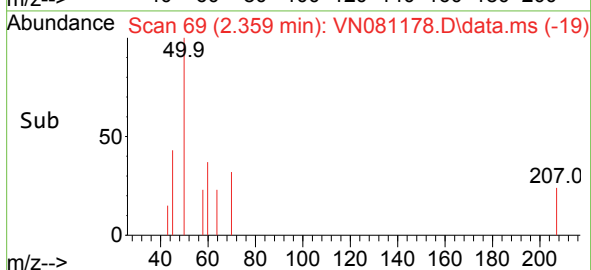
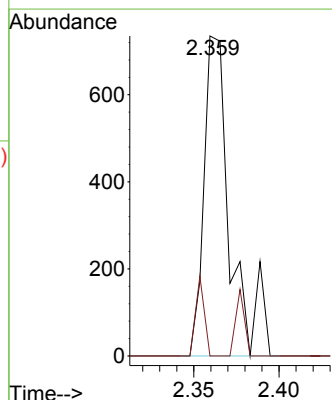
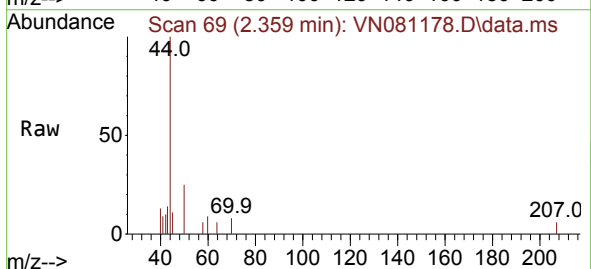
Acq: 23 Feb 2024 22:58

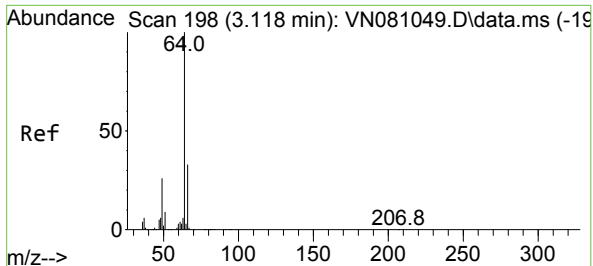
Tgt Ion: 50 Resp: 787

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

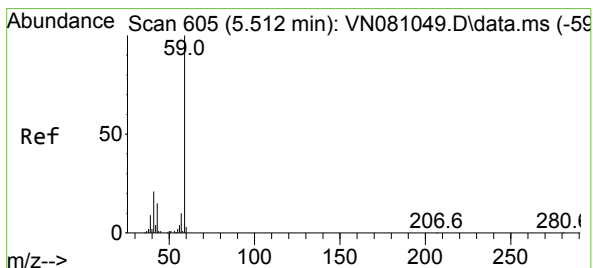
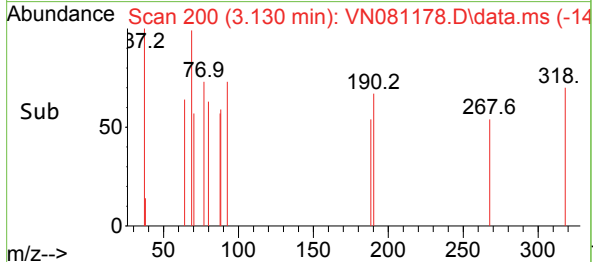
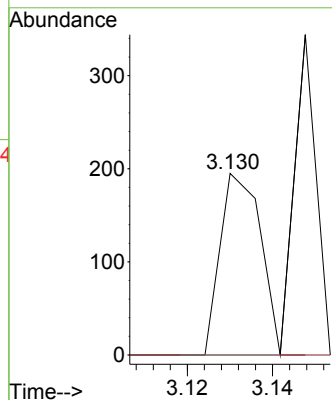
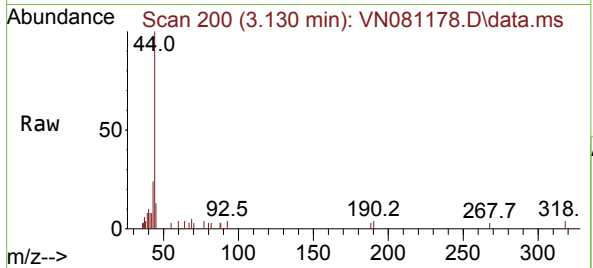




#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

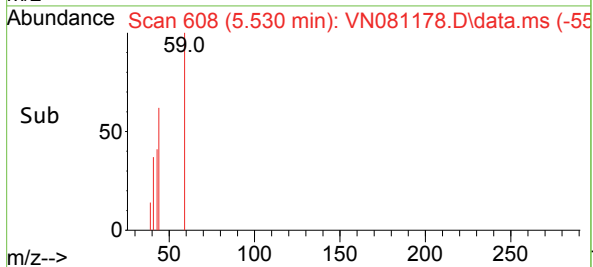
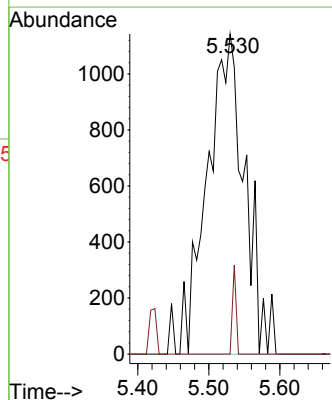
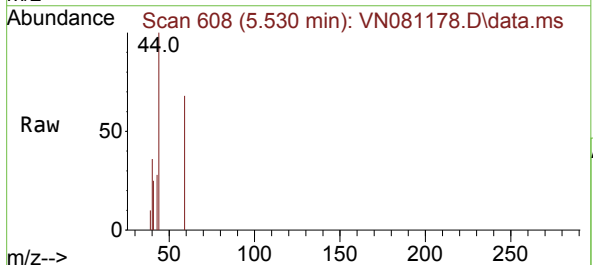
Instrument :
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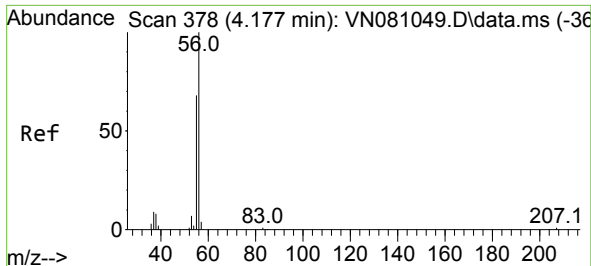
Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 6.687 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.018 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

Tgt Ion: 59 Resp: 4182
Ion Ratio Lower Upper
59 100
57 2.7 8.6 12.8#

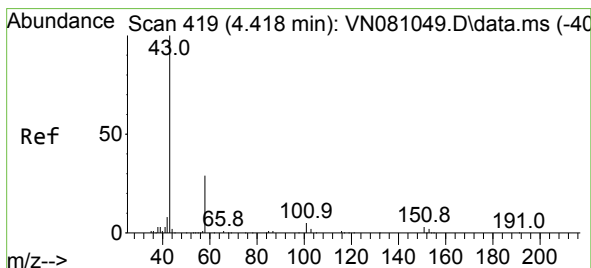
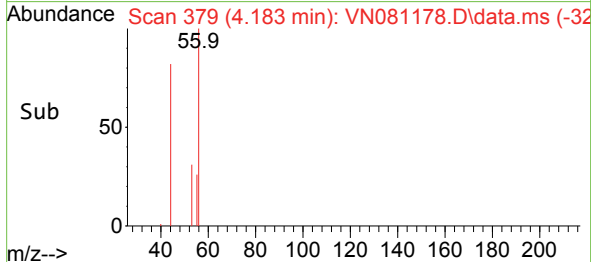
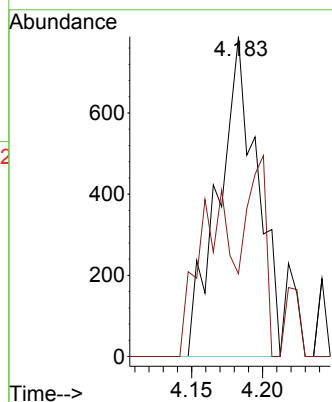
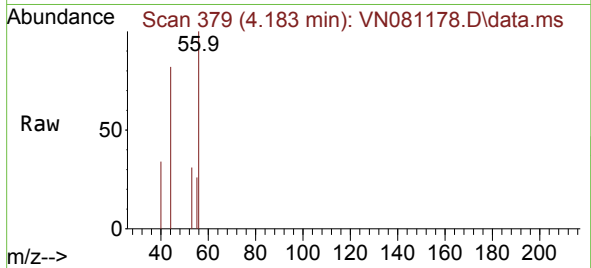




#13
Acrolein
Concen: 4.428 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

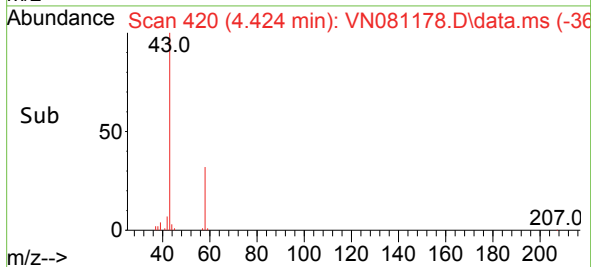
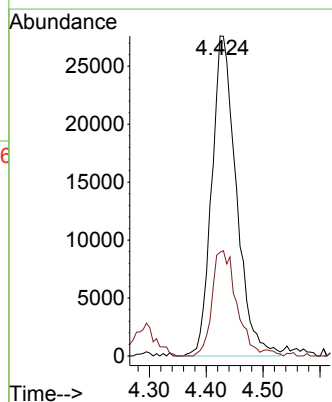
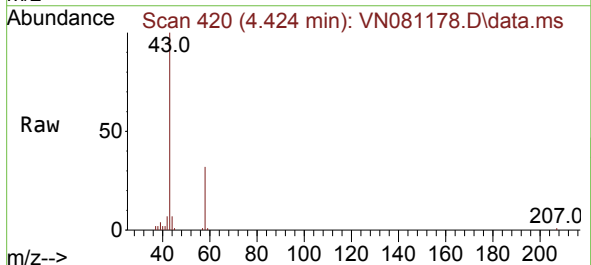
Instrument :
MSVOA_N
ClientSampleId :
SB-8

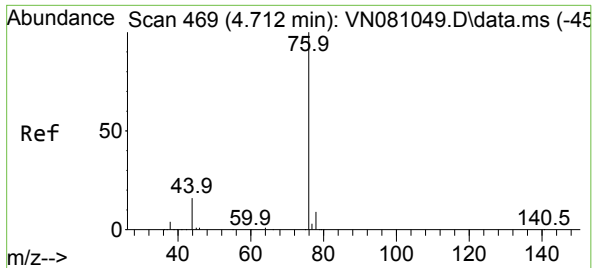
Tgt Ion: 56 Resp: 1484
Ion Ratio Lower Upper
56 100
55 45.4 55.3 82.9#



#16
Acetone
Concen: 62.173 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

Tgt Ion: 43 Resp: 83186
Ion Ratio Lower Upper
43 100
58 32.4 24.8 37.2

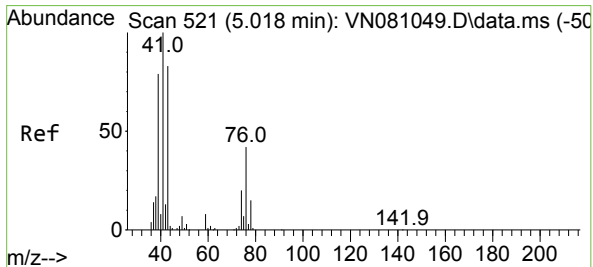
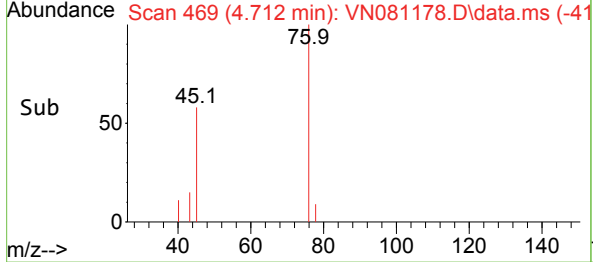
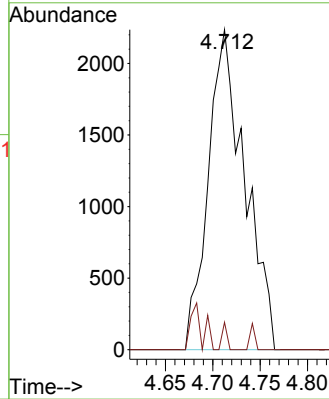
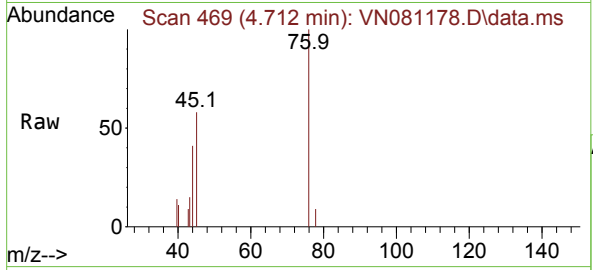




#17
Carbon Disulfide
Concen: 0.686 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

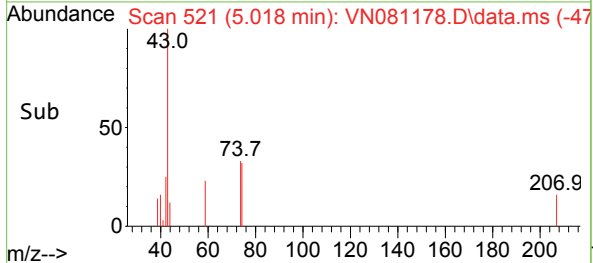
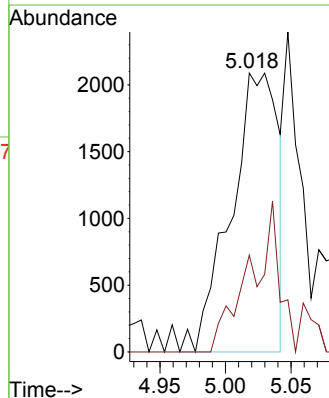
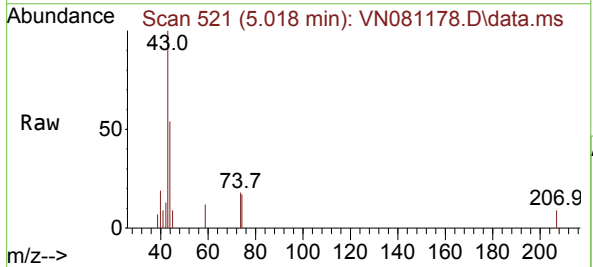
Instrument :
MSVOA_N
ClientSampleId :
SB-8

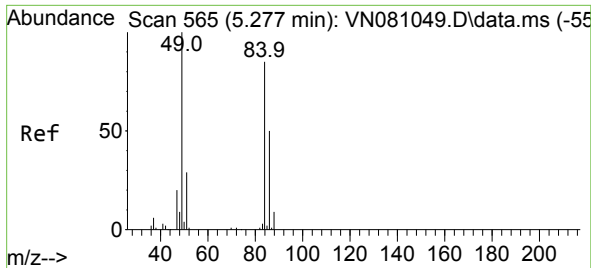
Tgt Ion: 76 Resp: 6000
Ion Ratio Lower Upper
76 100
78 8.5 6.3 9.5



#18
Methyl Acetate
Concen: 1.608 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

Tgt Ion: 43 Resp: 5249
Ion Ratio Lower Upper
43 100
74 33.7 17.3 25.9#

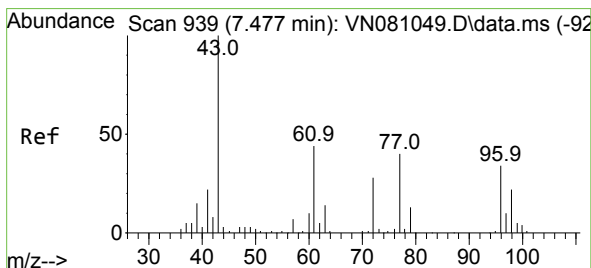
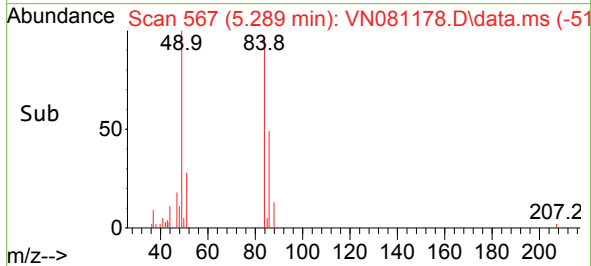
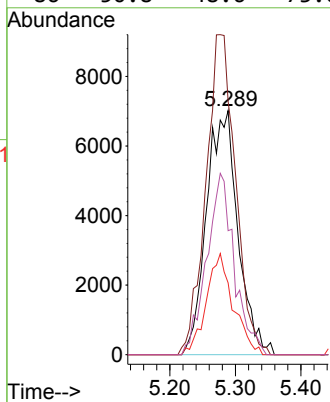
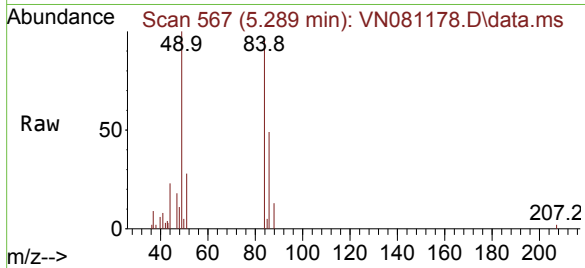




#20
Methylene Chloride
Concen: 5.936 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

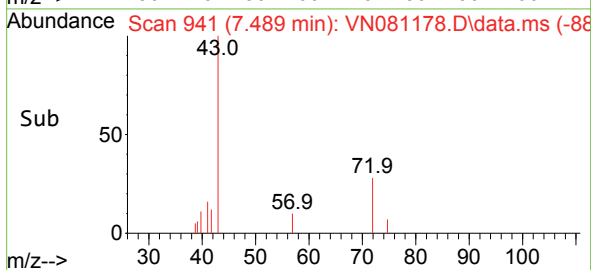
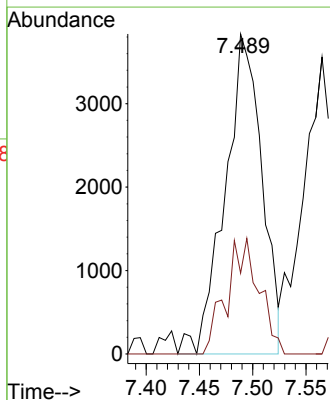
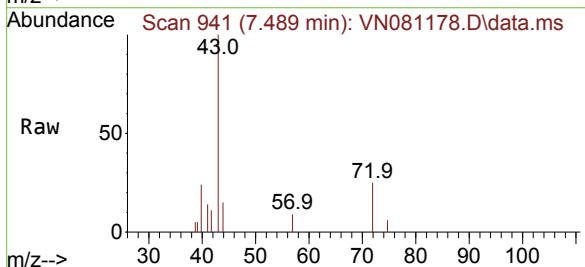
Instrument :
MSVOA_N
ClientSampleId :
SB-8

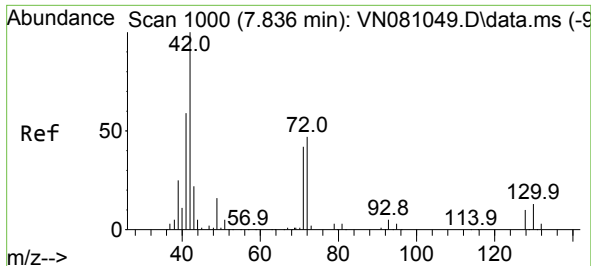
Tgt Ion: 84 Resp: 23383
Ion Ratio Lower Upper
84 100
49 103.7 108.1 162.1#
51 29.4 32.9 49.3#
86 50.8 48.6 73.0



#25
2-Butanone
Concen: 4.279 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

Tgt Ion: 43 Resp: 9250
Ion Ratio Lower Upper
43 100
72 25.3 19.5 29.3





#29

Tetrahydrofuran

Concen: 3.899 ug/l

RT: 7.847 min Scan# 1067

Delta R.T. 0.012 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

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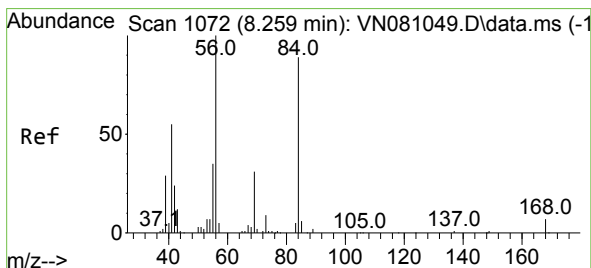
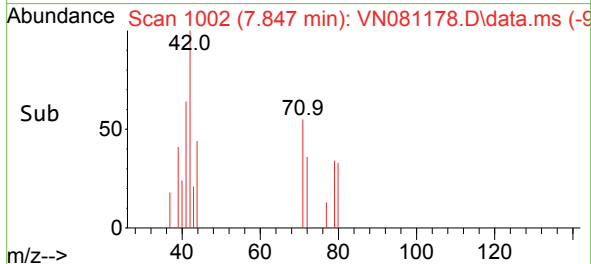
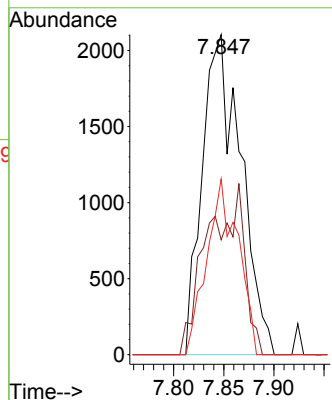
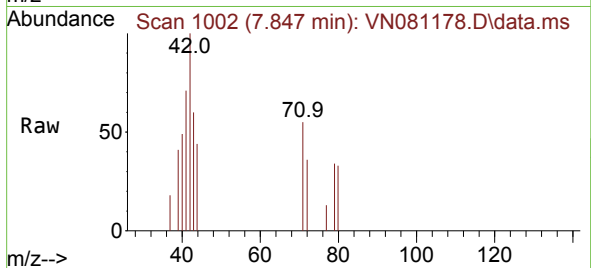
Tgt Ion: 42 Resp: 5626

Ion Ratio Lower Upper

42 100

72 26.9 31.1 46.7#

71 44.5 28.3 42.5#



#31

Cyclohexane

Concen: 1.313 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

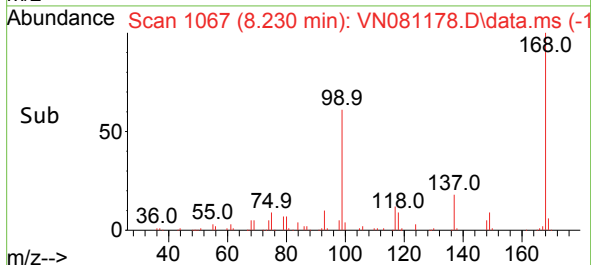
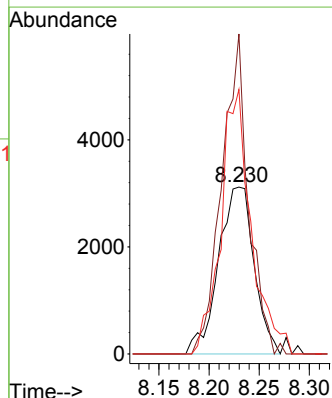
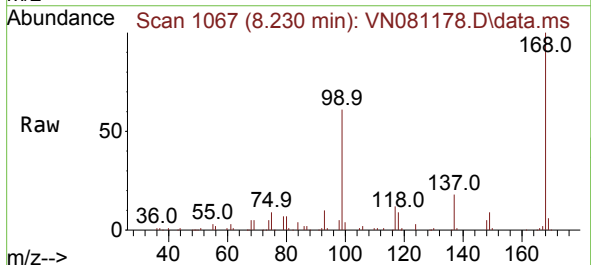
Tgt Ion: 56 Resp: 7707

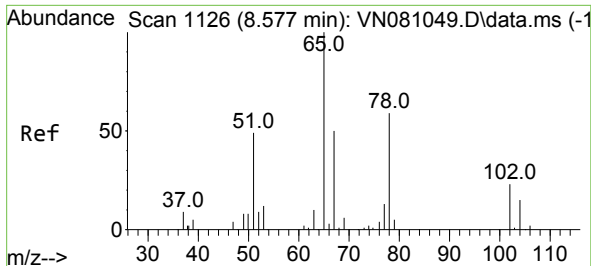
Ion Ratio Lower Upper

56 100

69 191.7 20.1 30.1#

84 158.4 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 50.683 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

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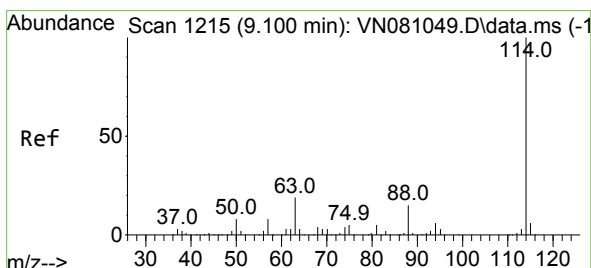
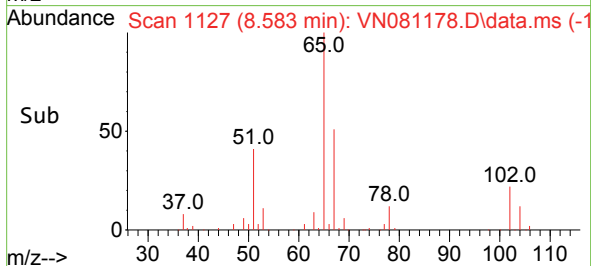
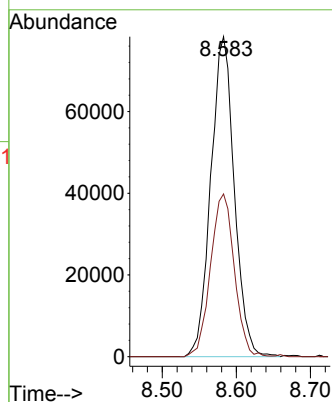
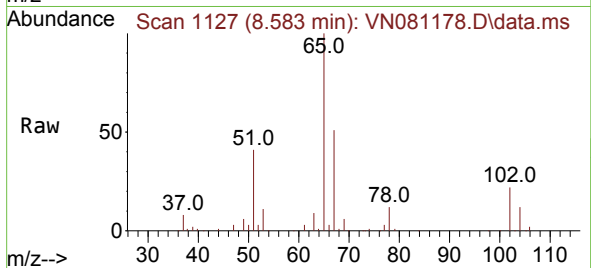
SB-8

Tgt Ion: 65 Resp: 172344

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

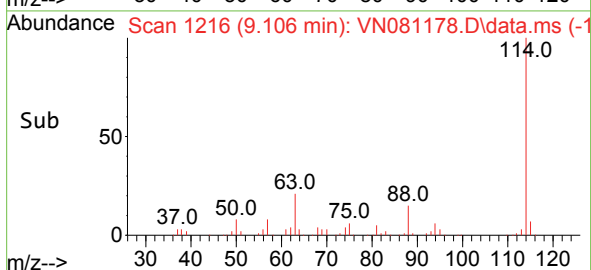
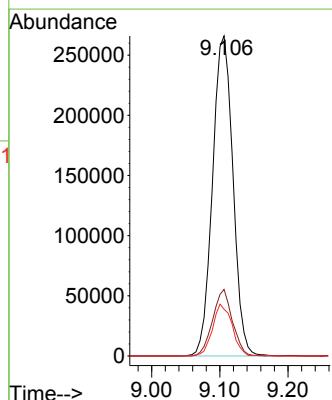
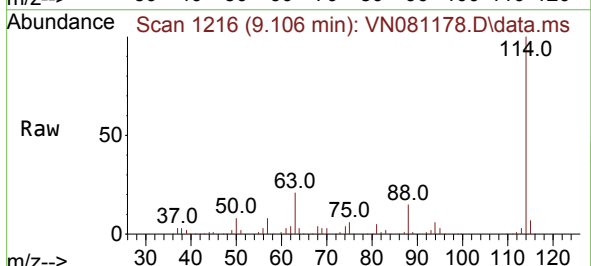
Tgt Ion: 114 Resp: 554608

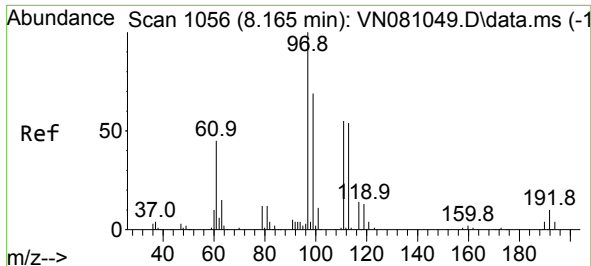
Ion Ratio Lower Upper

114 100

63 20.8 0.0 48.0

88 14.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 46.634 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

SB-8

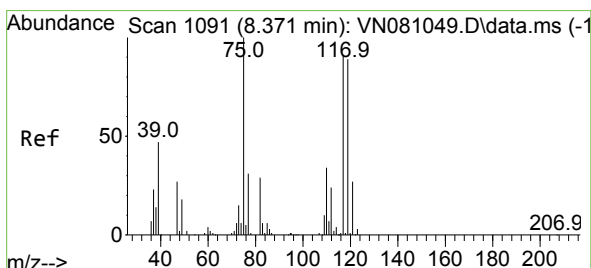
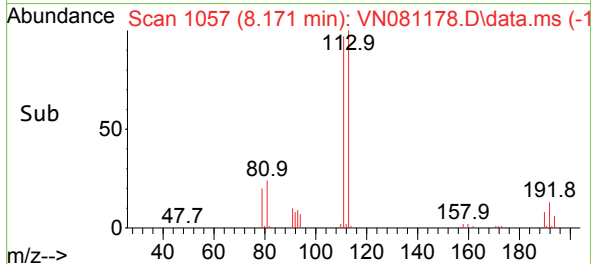
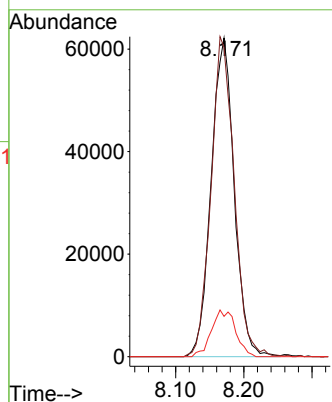
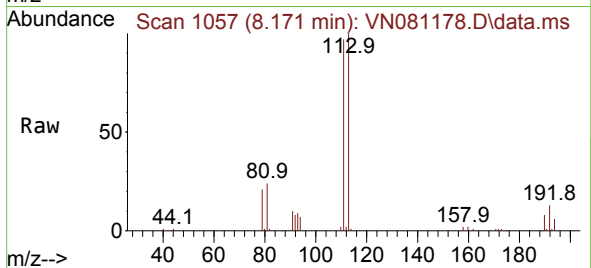
Tgt Ion:113 Resp: 146250

Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.4

192 15.3 12.5 18.7



#36

1,1-Dichloropropene

Concen: 4.570 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

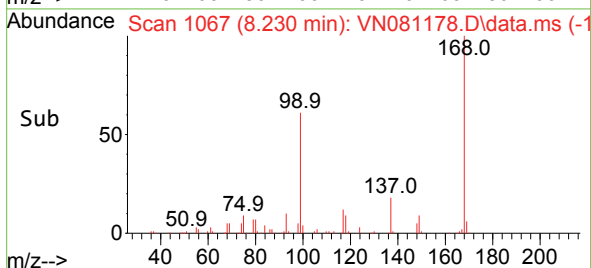
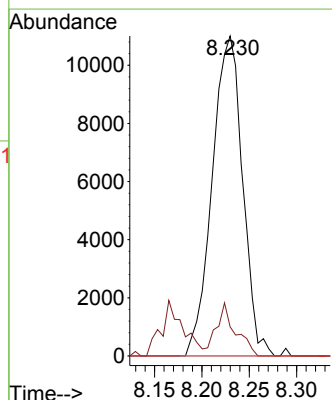
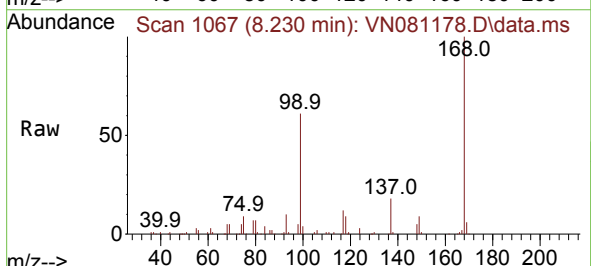
Tgt Ion: 75 Resp: 24556

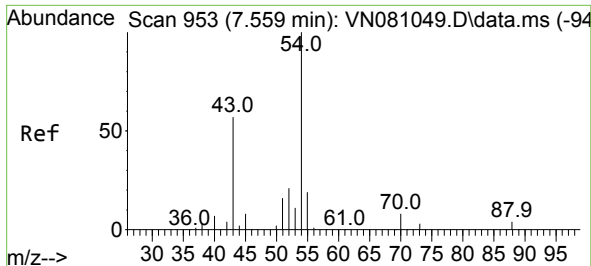
Ion Ratio Lower Upper

75 100

110 10.5 16.0 48.0#

77 0.0 25.8 38.6#

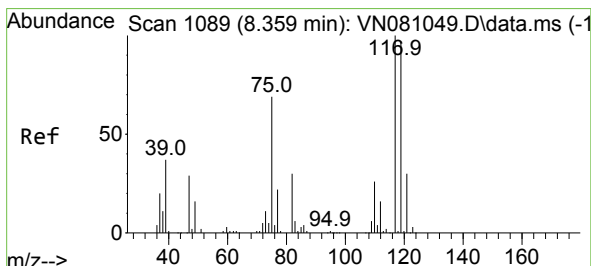
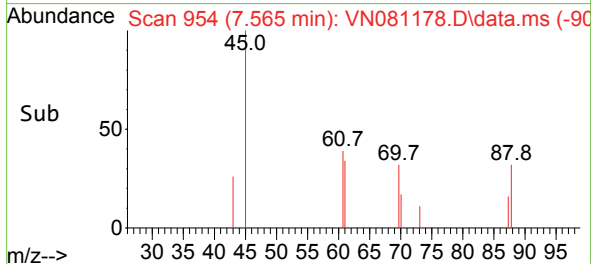
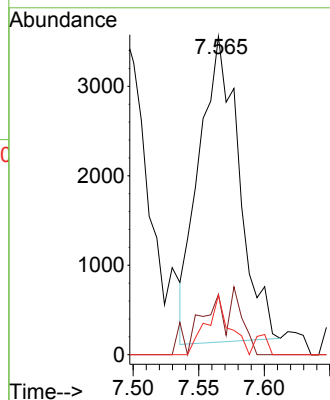
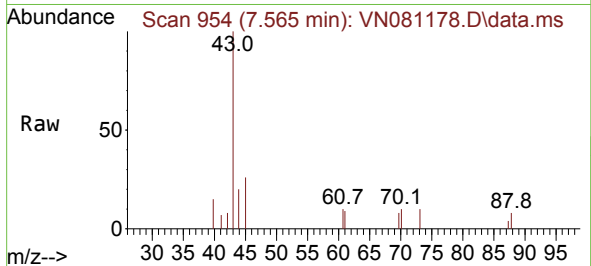




#37
Ethyl Acetate
Concen: 1.488 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

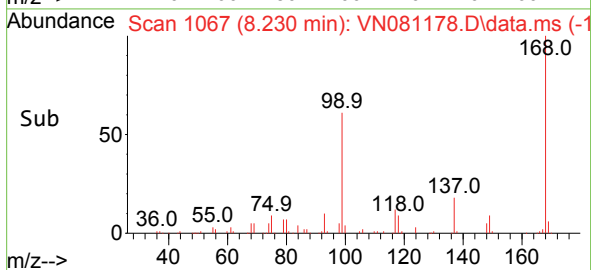
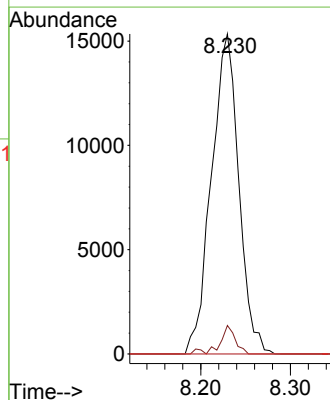
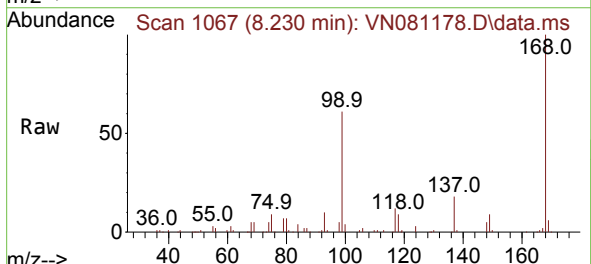
Instrument :
MSVOA_N
ClientSampleId :
SB-8

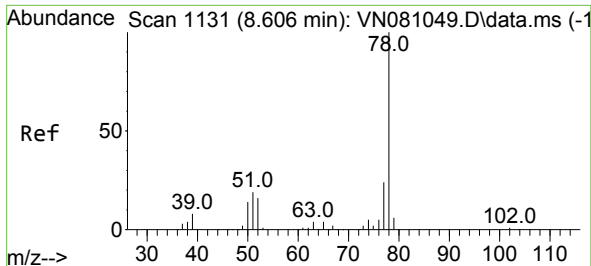
Tgt Ion:	43	Resp:	7216
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.6	15.8
70	11.3	8.0	12.0



#38
Carbon Tetrachloride
Concen: 5.973 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

Tgt Ion:	117	Resp:	32470
Ion	Ratio	Lower	Upper
117	100		
119	8.9	73.4	110.2#
121	0.0	24.4	36.6#

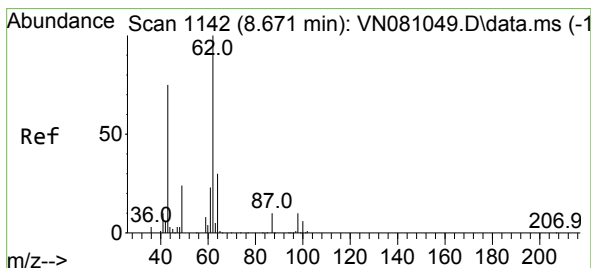
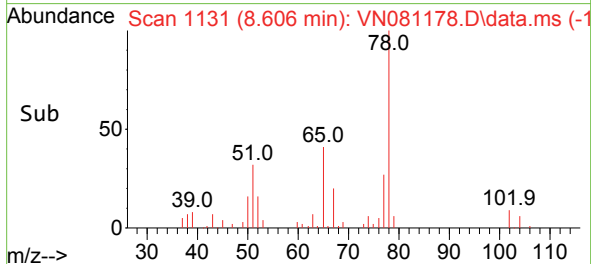
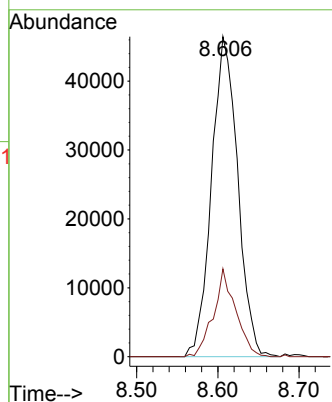
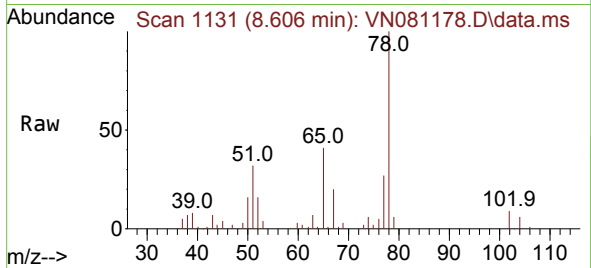




#40
Benzene
Concen: 6.696 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

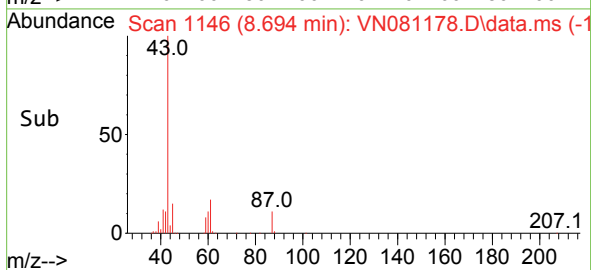
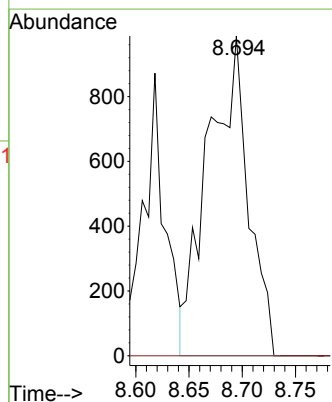
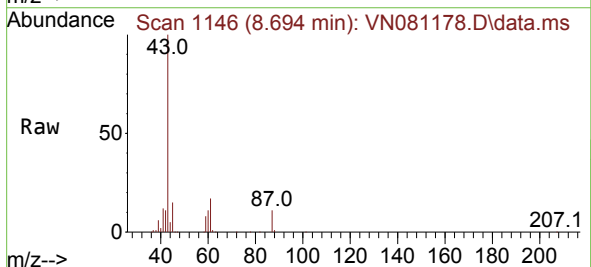
Instrument :
MSVOA_N
ClientSampleId :
SB-8

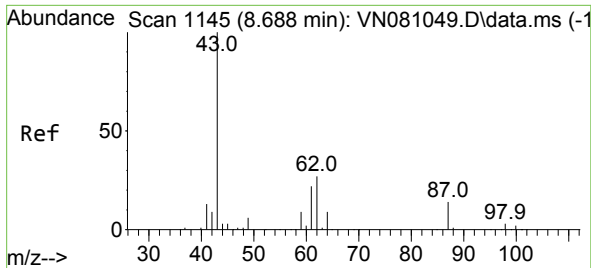
Tgt Ion: 78 Resp: 104135
Ion Ratio Lower Upper
78 100
77 27.5 20.4 30.6



#42
1,2-Dichloroethane
Concen: 0.476 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.024 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

Tgt Ion: 62 Resp: 2582
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.0

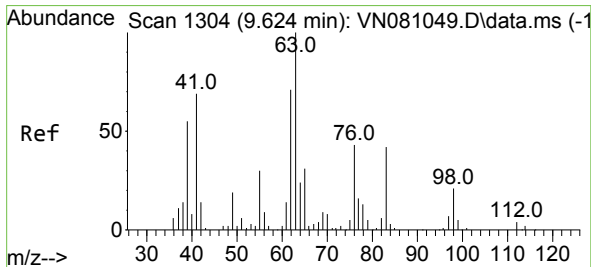
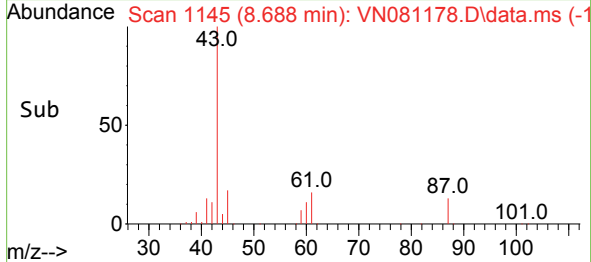
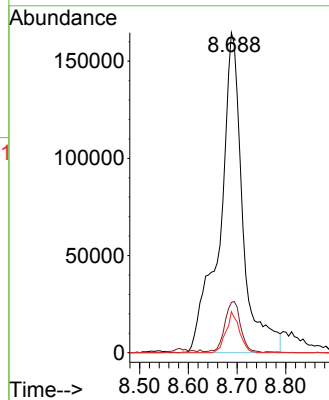
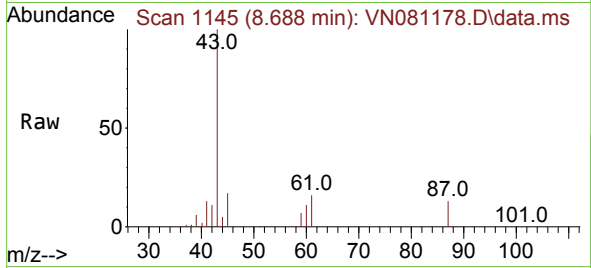




#43
Isopropyl Acetate
Concen: 63.345 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

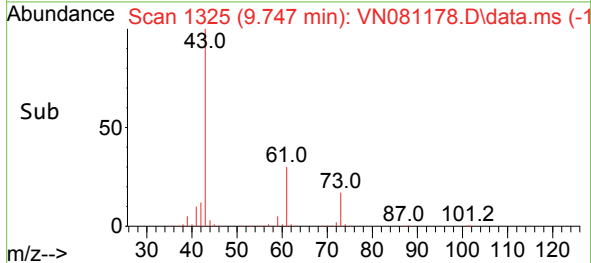
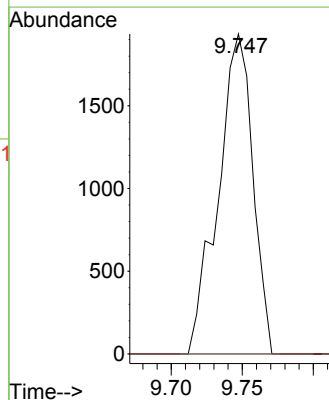
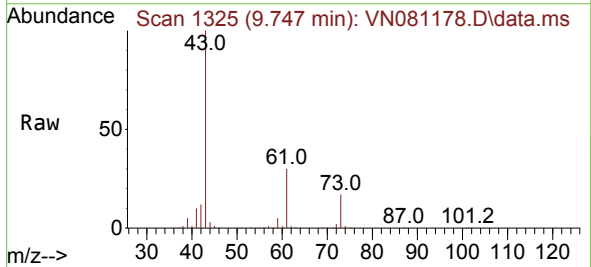
Instrument :
MSVOA_N
ClientSampleId :
SB-8

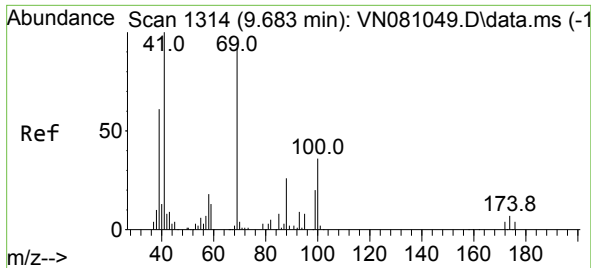
Tgt Ion: 43 Resp: 537209
Ion Ratio Lower Upper
43 100
61 11.2 19.9 29.9#
87 7.5 9.0 13.6#



#45
1,2-Dichloropropane
Concen: 0.846 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.124 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

Tgt Ion: 63 Resp: 3290
Ion Ratio Lower Upper
63 100
65 0.0 26.1 39.1#

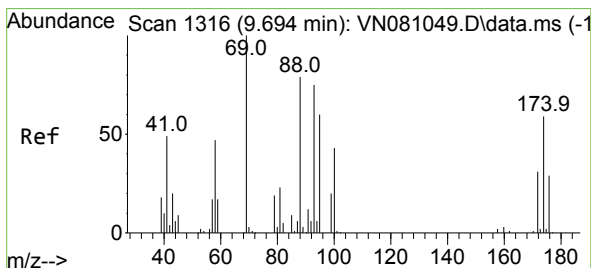
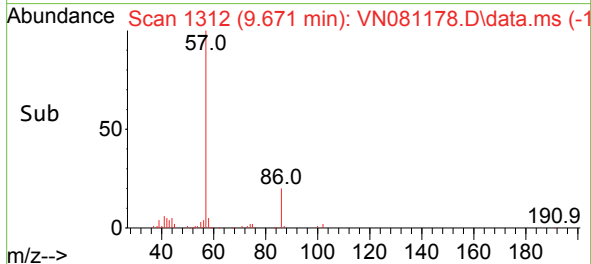
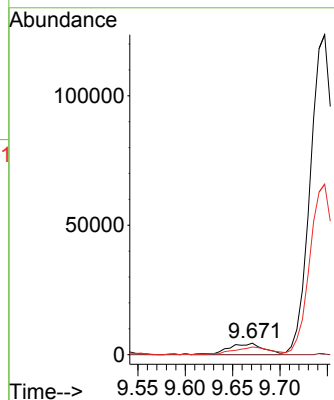
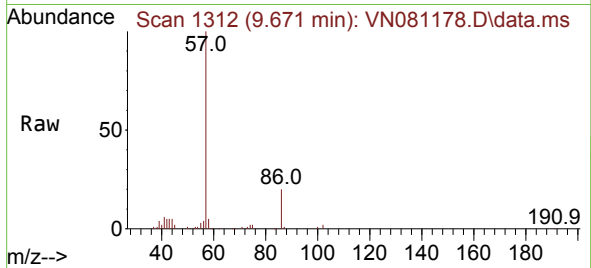




#48
Methyl methacrylate
Concen: 2.895 ug/l
RT: 9.671 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

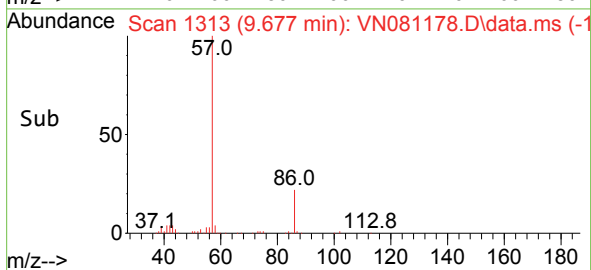
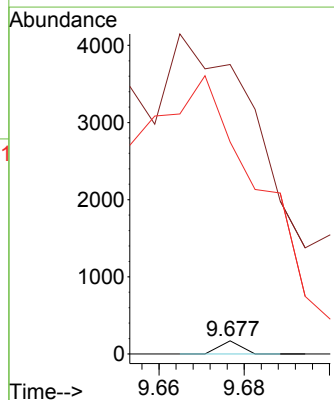
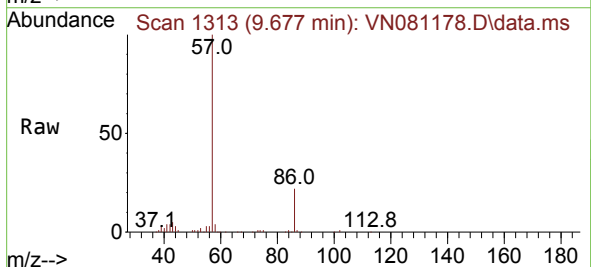
Instrument :
MSVOA_N
ClientSampleId :
SB-8

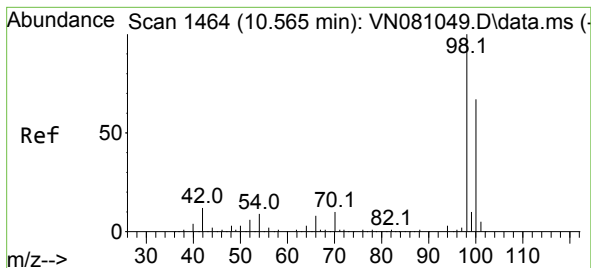
Tgt Ion: 41 Resp: 11424
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.2#
39 71.6 47.6 71.4#



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.677 min Scan# 1313
Delta R.T. -0.017 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1#
58 14483.3 63.9 95.9#





#50

Toluene-d8

Concen: 43.461 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

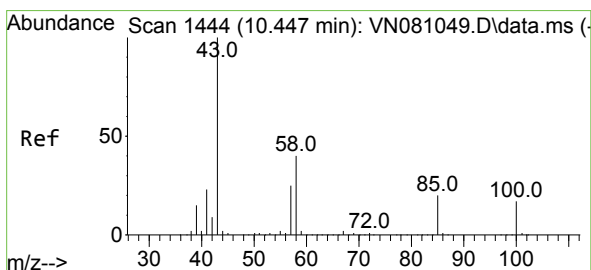
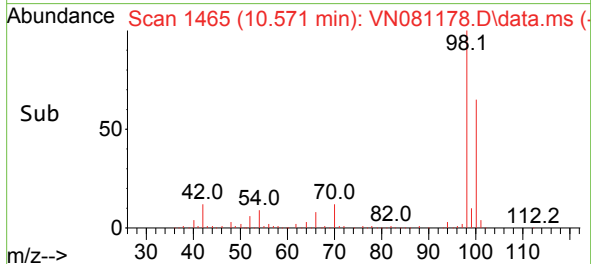
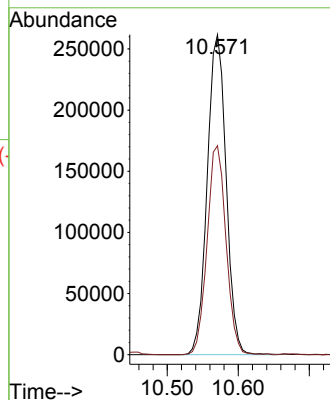
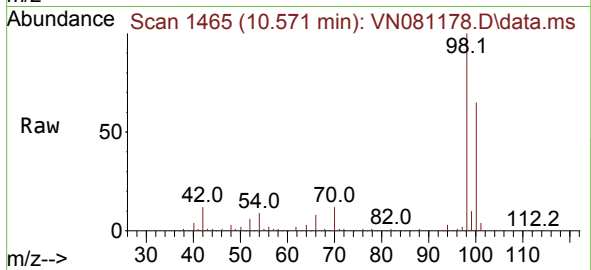
SB-8

Tgt Ion: 98 Resp: 484098

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 6.225 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VN081178.D

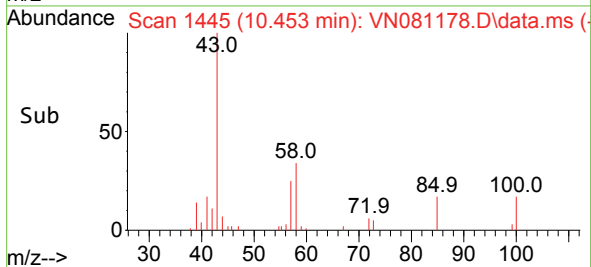
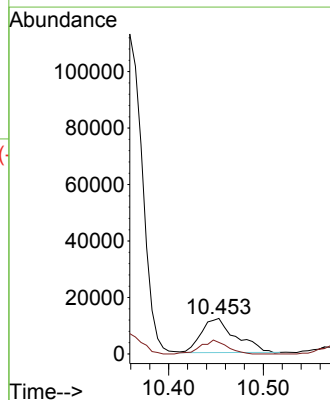
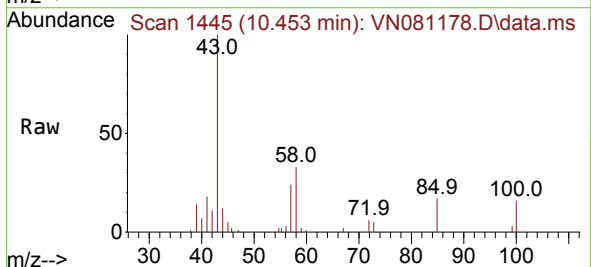
Acq: 23 Feb 2024 22:58

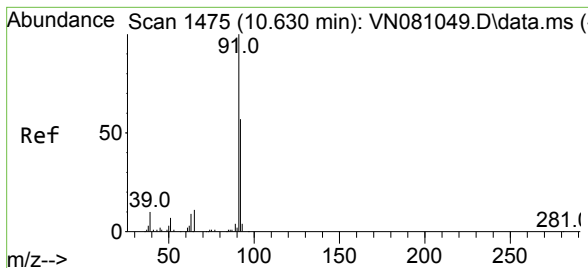
Tgt Ion: 43 Resp: 30368

Ion Ratio Lower Upper

43 100

58 30.9 29.4 44.0





#52

Toluene

Concen: 6.368 ug/l

RT: 10.635 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

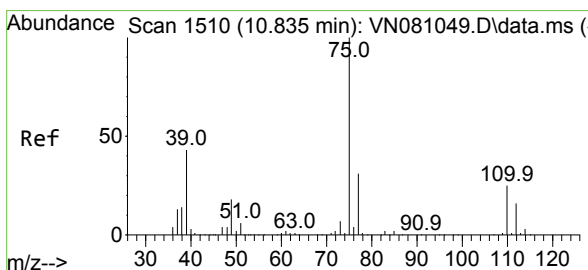
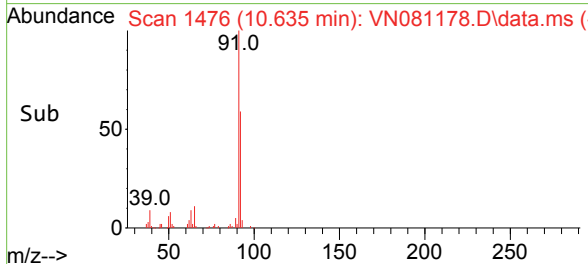
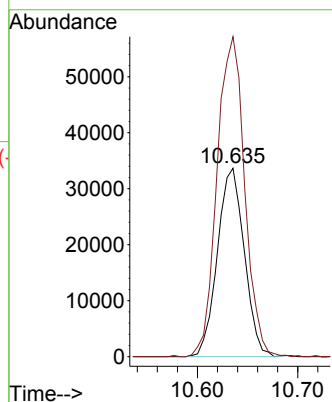
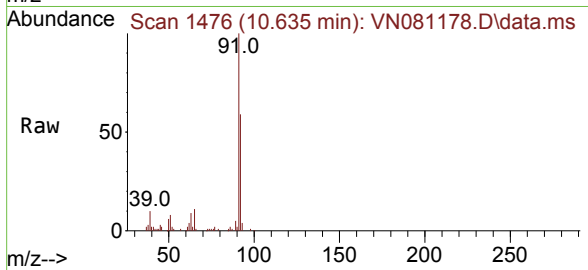
SB-8

Tgt Ion: 92 Resp: 62695

Ion Ratio Lower Upper

92 100

91 174.6 139.4 209.0



#53

t-1,3-Dichloropropene

Concen: 0.298 ug/l

RT: 10.730 min Scan# 1492

Delta R.T. -0.106 min

Lab File: VN081178.D

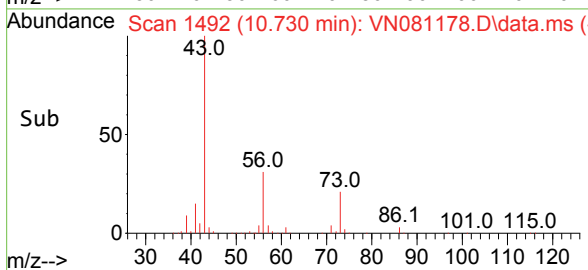
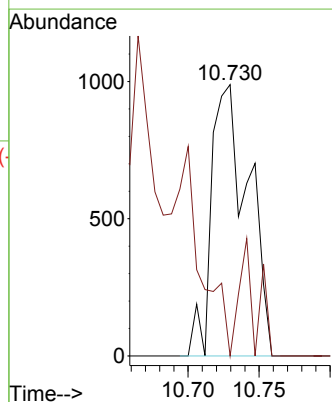
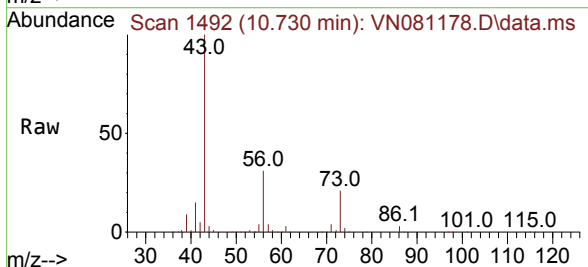
Acq: 23 Feb 2024 22:58

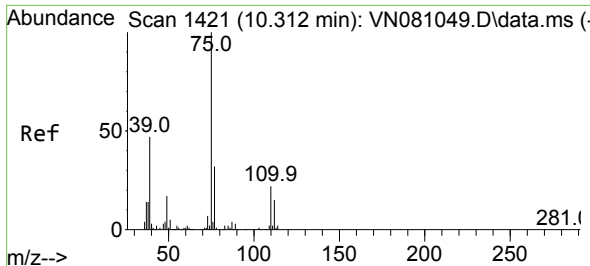
Tgt Ion: 75 Resp: 1778

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

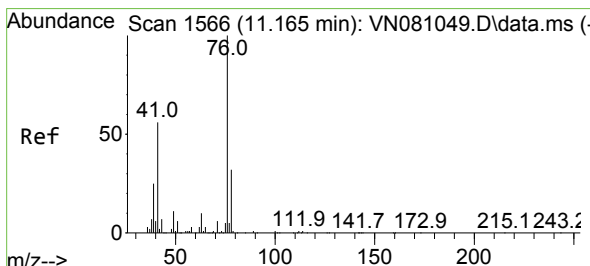
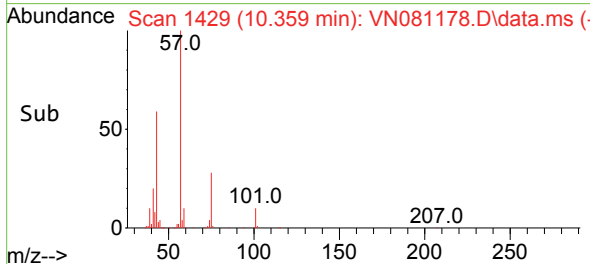
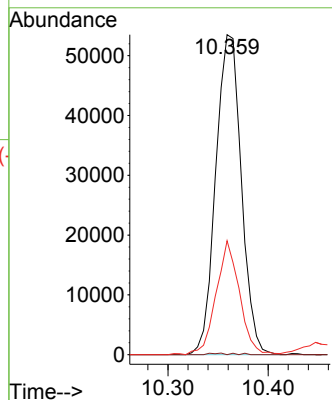
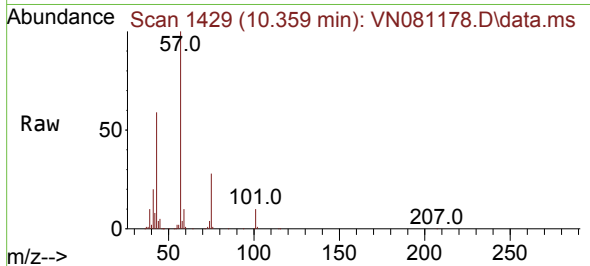




#54
 cis-1,3-Dichloropropene
 Concen: 14.672 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN081178.D
 Acq: 23 Feb 2024 22:58

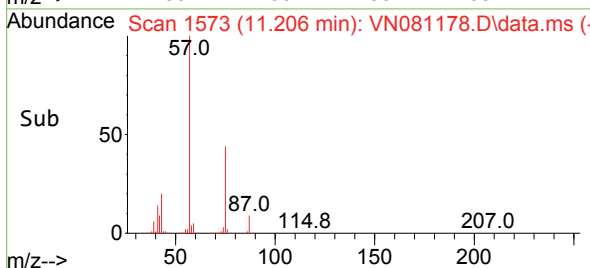
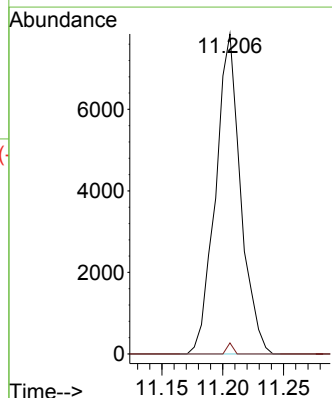
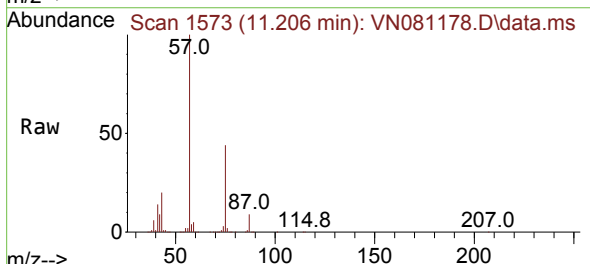
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-8

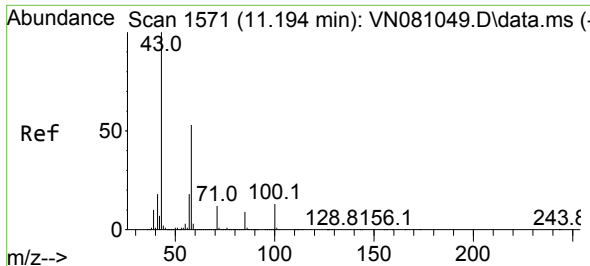
Tgt Ion: 75 Resp: 94569
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.3 34.9#
 39 35.3 44.6 66.8#



#57
 1,3-Dichloropropane
 Concen: 1.719 ug/l
 RT: 11.206 min Scan# 1573
 Delta R.T. 0.041 min
 Lab File: VN081178.D
 Acq: 23 Feb 2024 22:58

Tgt Ion: 76 Resp: 11256
 Ion Ratio Lower Upper
 76 100
 78 0.9 25.5 38.3#

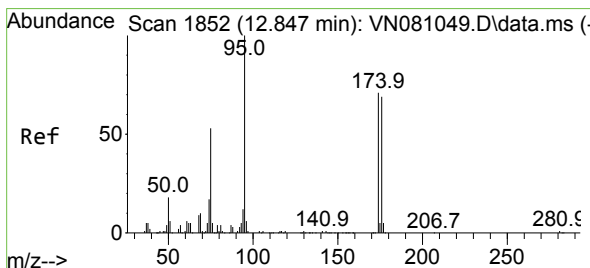
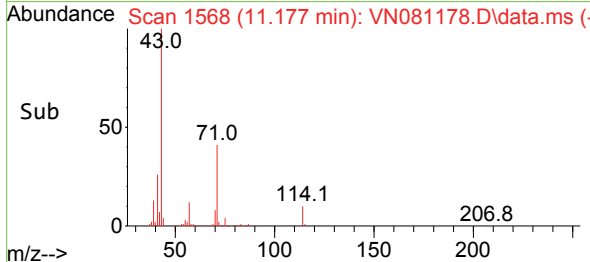
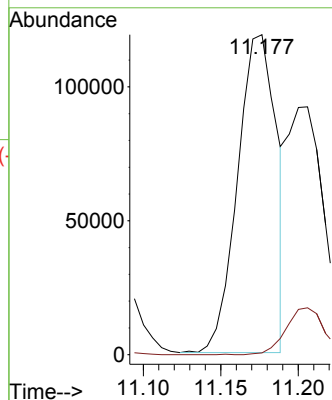
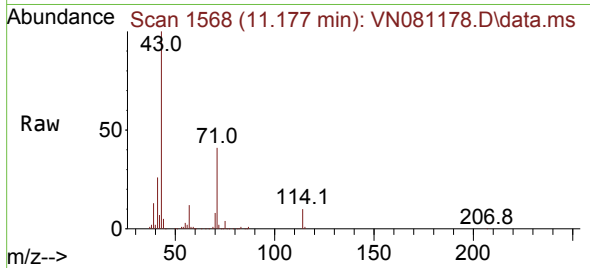




#59
2-Hexanone
Concen: 53.811 ug/l
RT: 11.177 min Scan# 111
Delta R.T. -0.018 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

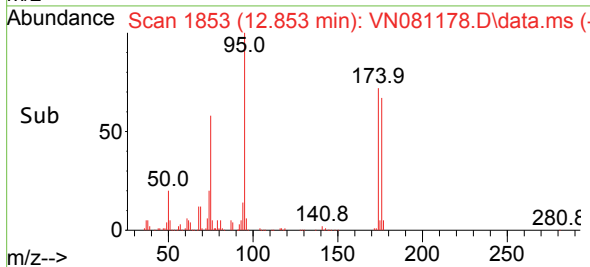
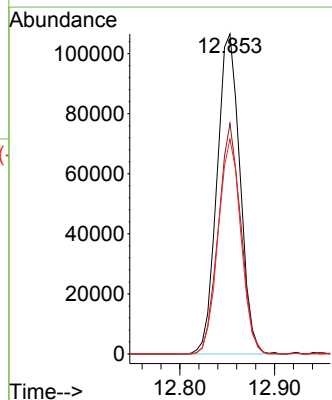
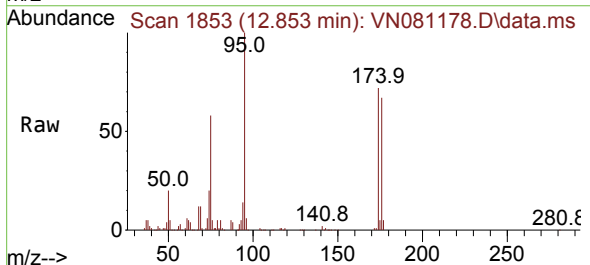
Instrument :
MSVOA_N
ClientSampleId :
SB-8

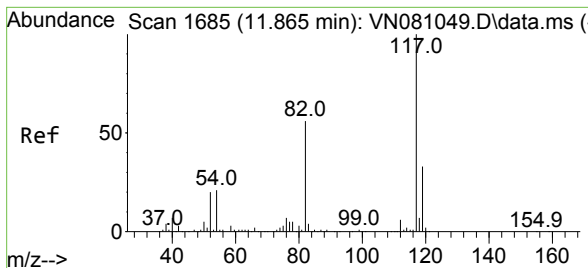
Tgt Ion: 43 Resp: 208126
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 42.977 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

Tgt Ion: 95 Resp: 179875
Ion Ratio Lower Upper
95 100
174 70.4 0.0 120.4
176 66.5 0.0 121.0

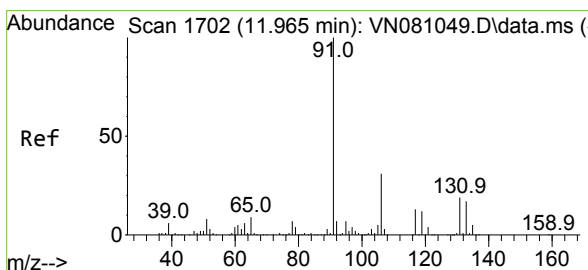
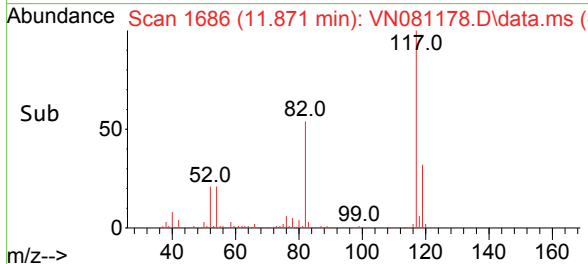
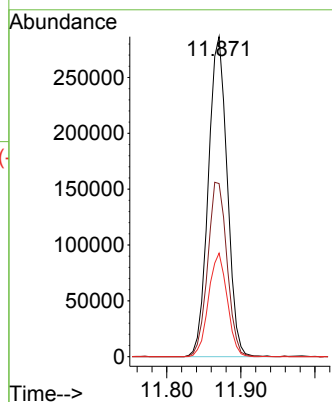
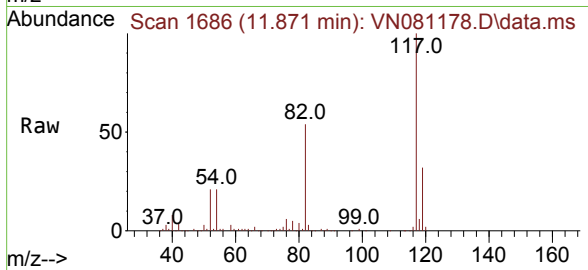




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

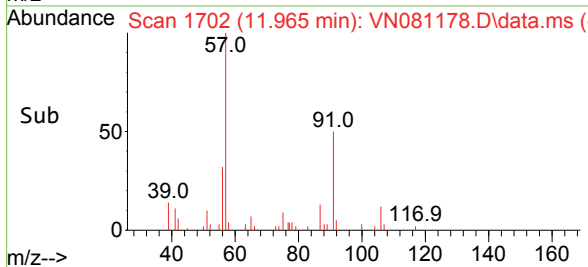
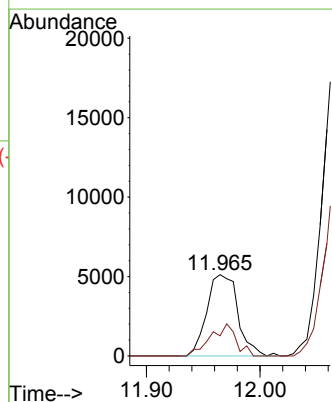
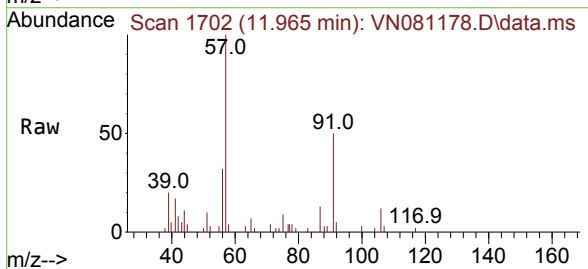
Instrument :
MSVOA_N
ClientSampleId :
SB-8

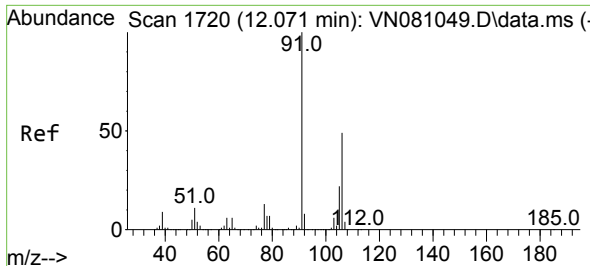
Tgt Ion:117 Resp: 506287
Ion Ratio Lower Upper
117 100
82 54.1 52.7 79.1
119 32.4 25.3 37.9



#67
Ethyl Benzene
Concen: 0.495 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

Tgt Ion: 91 Resp: 9714
Ion Ratio Lower Upper
91 100
106 24.9 23.8 35.6

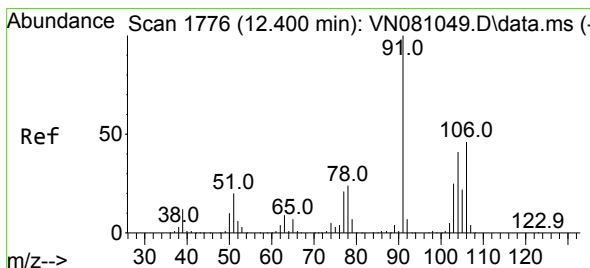
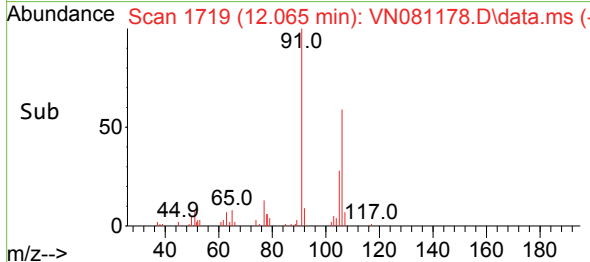
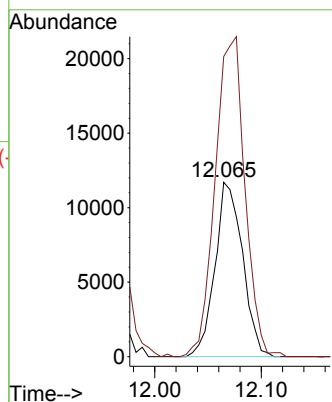
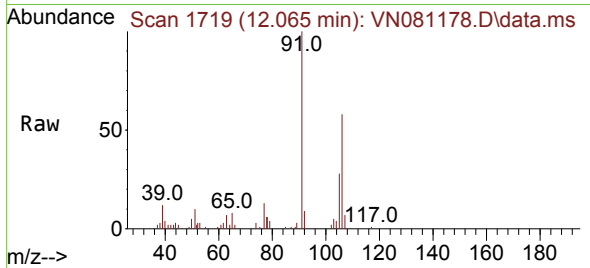




#68
m/p-Xylenes
Concen: 2.798 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

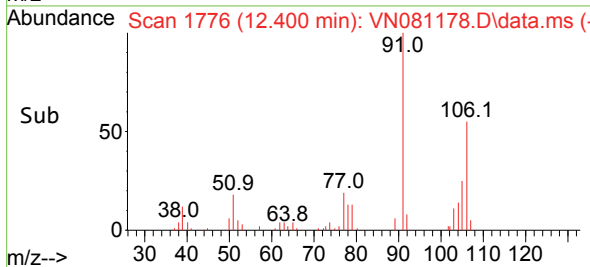
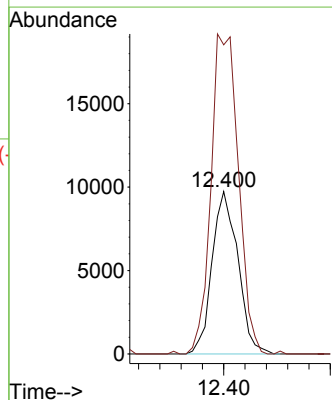
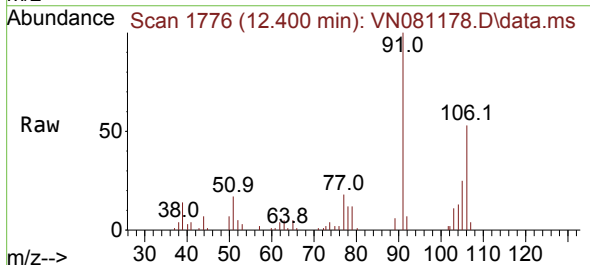
Instrument :
MSVOA_N
ClientSampleId :
SB-8

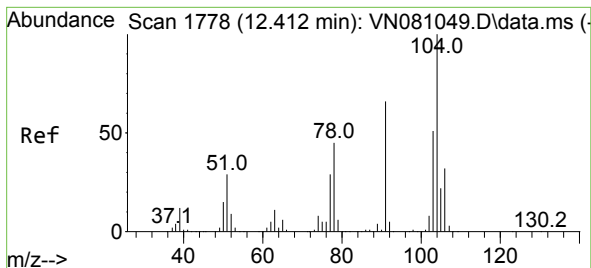
Tgt Ion:106 Resp: 21029
Ion Ratio Lower Upper
106 100
91 198.1 169.0 253.6



#69
o-Xylene
Concen: 2.199 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

Tgt Ion:106 Resp: 16379
Ion Ratio Lower Upper
106 100
91 209.3 112.1 336.3





#70

Styrene

Concen: 0.735 ug/l

RT: 12.418 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

SB-8

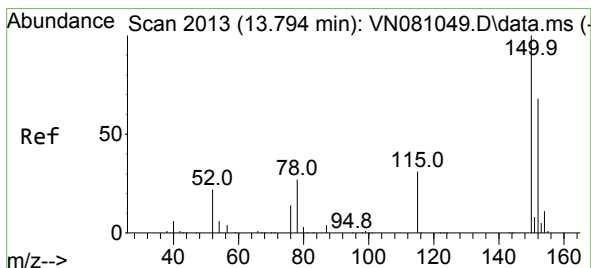
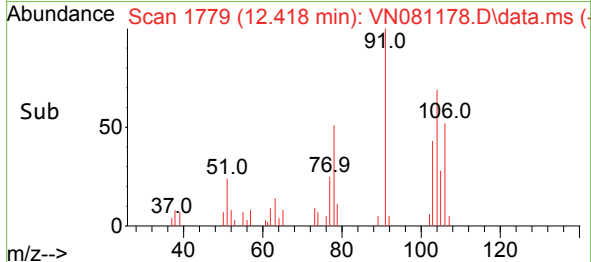
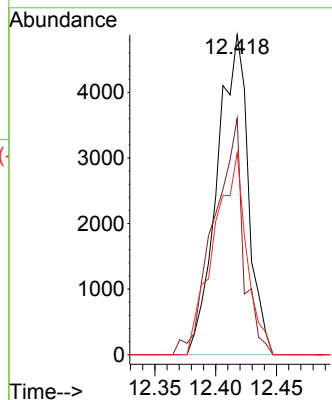
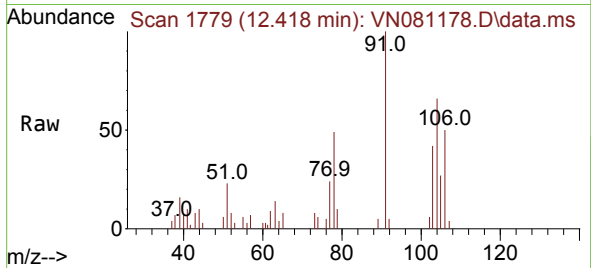
Tgt Ion:104 Resp: 8677

Ion Ratio Lower Upper

104 100

78 70.2 43.8 65.8#

103 66.3 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

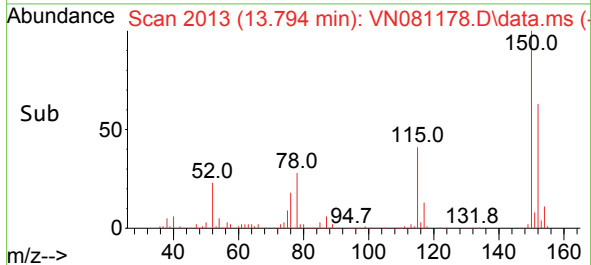
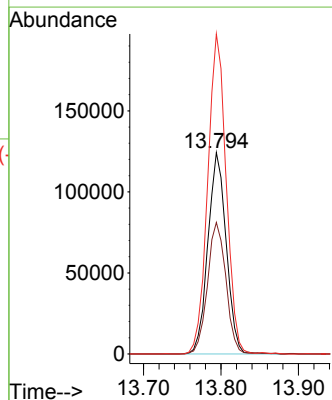
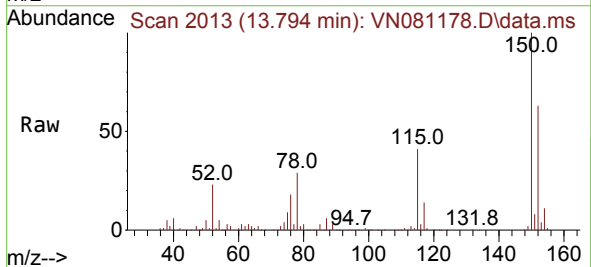
Tgt Ion:152 Resp: 203779

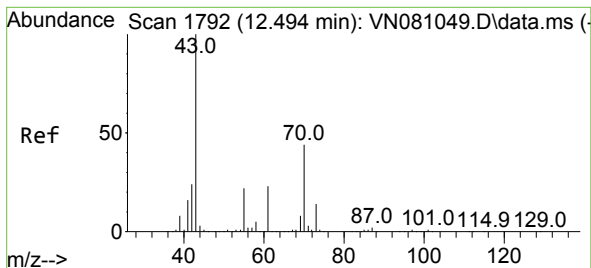
Ion Ratio Lower Upper

152 100

115 65.6 32.3 96.8

150 159.7 0.0 339.8





#74

N-amy1 acetate

Concen: 0.871 ug/l

RT: 12.453 min Scan# 1

Delta R.T. -0.041 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

SB-8

Tgt Ion: 43 Resp: 6565

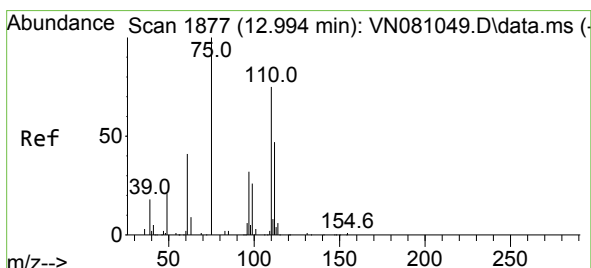
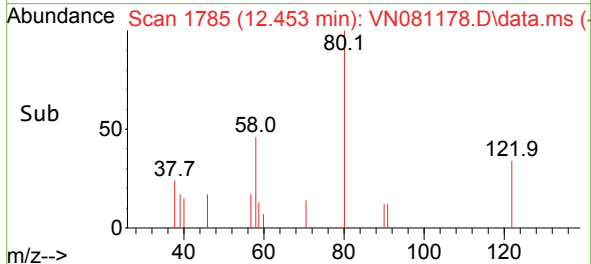
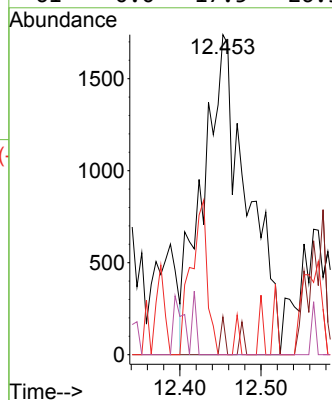
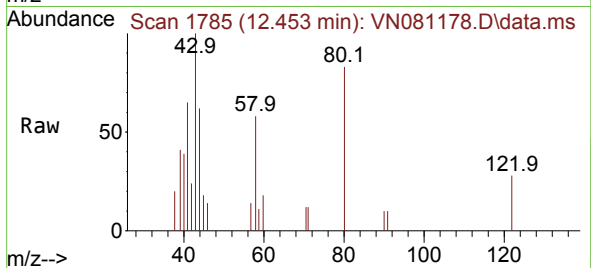
Ion Ratio Lower Upper

43 100

70 1.1 30.1 45.1#

55 0.0 17.0 25.4#

61 0.0 17.5 26.3#



#76

1,2,3-Trichloropropane

Concen: 21.500 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081178.D

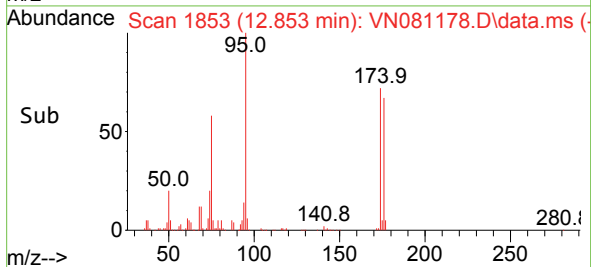
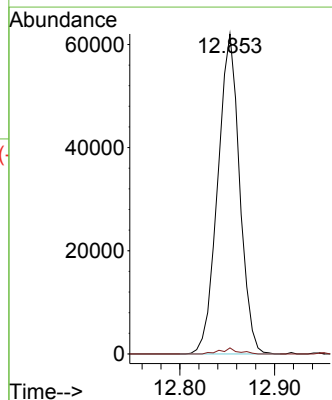
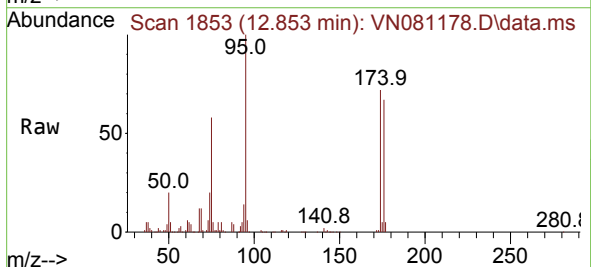
Acq: 23 Feb 2024 22:58

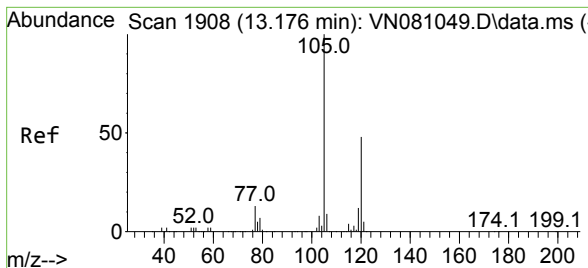
Tgt Ion: 75 Resp: 99544

Ion Ratio Lower Upper

75 100

77 1.5 91.0 272.8#





#80

1,3,5-Trimethylbenzene

Concen: 0.438 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

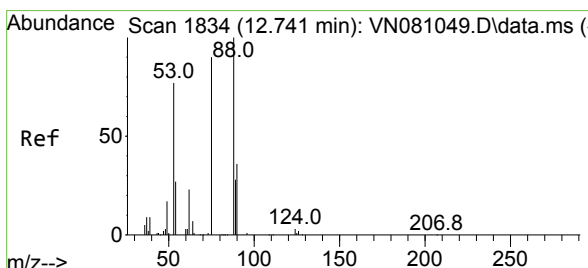
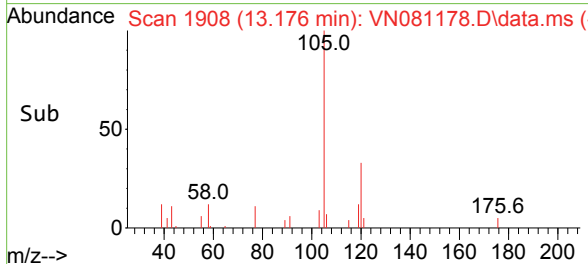
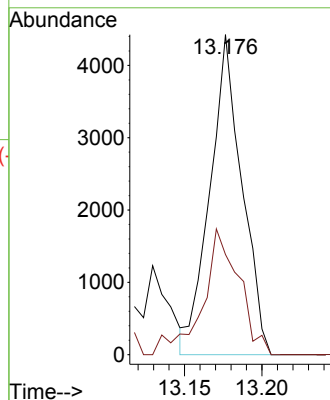
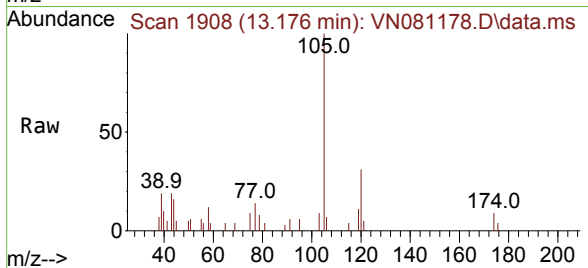
SB-8

Tgt Ion:105 Resp: 6332

Ion Ratio Lower Upper

105 100

120 44.8 23.0 69.0



#81

trans-1,4-Dichloro-2-butene

Concen: 55.339 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

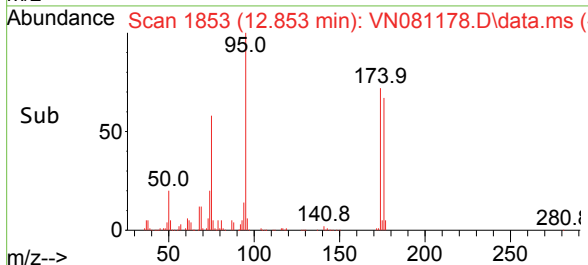
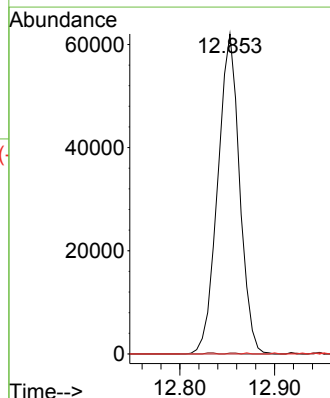
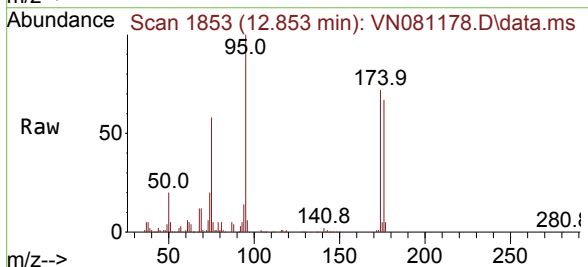
Tgt Ion: 75 Resp: 99544

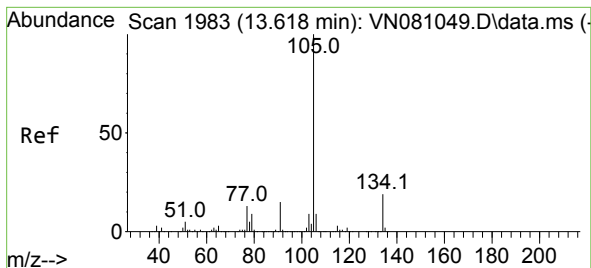
Ion Ratio Lower Upper

75 100

53 0.1 71.4 107.2#

89 0.1 33.4 50.0#





#85

sec-Butylbenzene

Concen: 1.601 ug/l

RT: 13.494 min Scan# 1983

Delta R.T. -0.123 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

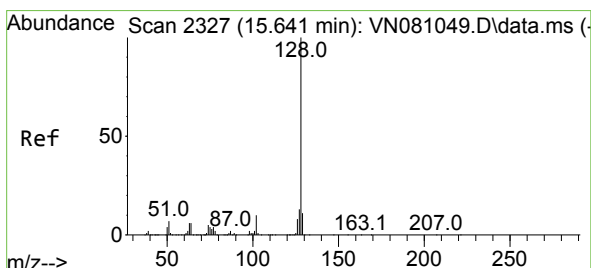
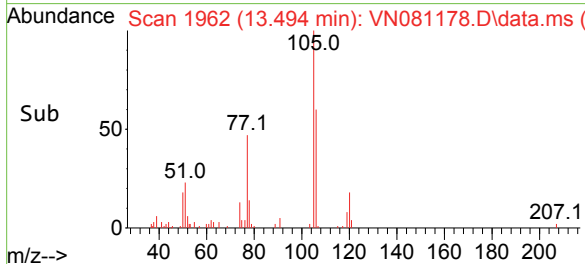
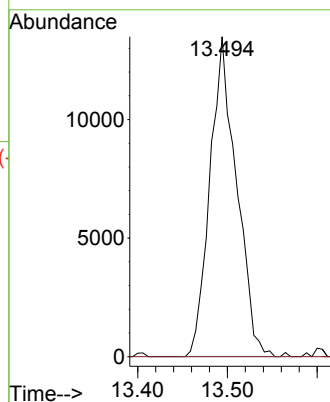
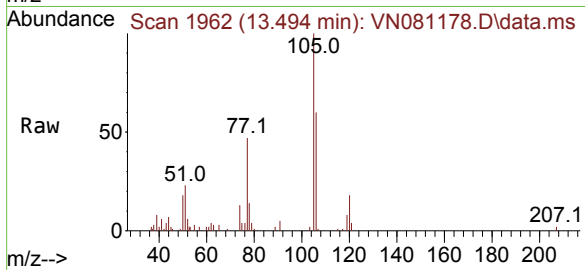
SB-8

Tgt Ion:105 Resp: 27814

Ion Ratio Lower Upper

105 100

134 0.0 8.6 25.8#



#95

Naphthalene

Concen: 38.252 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

Tgt Ion:128 Resp: 566551

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 10.8 8.7 13.1

