

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082417.D
 Acq On : 31 May 2024 18:47
 Operator : JC\MD
 Sample : P2657-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2-AB-VOC

Quant Time: May 31 23:02:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	158295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136338	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	134302	53.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.460%	
35) Dibromofluoromethane	8.165	113	93761	52.437	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.880%	
50) Toluene-d8	10.571	98	377561	55.076	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.160%	
62) 4-Bromofluorobenzene	12.847	95	137274	56.103	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 112.200%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	5.530	59	4173	10.401	ug/l #	89
13) Acrolein	4.183	56	262	0.881	ug/l #	15
16) Acetone	4.430	43	110128	107.406	ug/l	94
17) Carbon Disulfide	4.718	76	2058	0.369	ug/l #	74
18) Methyl Acetate	5.036	43	4466	1.749	ug/l #	57
20) Methylene Chloride	5.277	84	12704	6.141	ug/l #	77
25) 2-Butanone	7.488	43	17364	11.170	ug/l #	80
31) Cyclohexane	8.247	56	10246	2.567	ug/l #	73
36) 1,1-Dichloropropene	8.224	75	14668	4.891	ug/l #	50
37) Ethyl Acetate	7.559	43	5620	1.675	ug/l #	76
38) Carbon Tetrachloride	8.230	117	17488	5.753	ug/l #	17
39) Methylcyclohexane	9.606	83	3357	1.021	ug/l #	81
40) Benzene	8.612	78	1594334	178.284	ug/l	99
42) 1,2-Dichloroethane	8.688	62	1084	0.315	ug/l #	73
43) Isopropyl Acetate	8.688	43	320369	53.873	ug/l #	71
45) 1,2-Dichloropropane	9.741	63	1581	0.685	ug/l #	45
48) Methyl methacrylate	9.665	41	4900	1.729	ug/l #	34
51) 4-Methyl-2-Pentanone	10.447	43	20639	6.108	ug/l #	77
52) Toluene	10.629	92	1050960	195.835	ug/l	99
53) t-1,3-Dichloropropene	10.729	75	981	0.297	ug/l #	52
54) cis-1,3-Dichloropropene	10.359	75	51315	14.658	ug/l #	75
55) 1,1,2-Trichloroethane	10.888	97	3169	1.625	ug/l #	14
57) 1,3-Dichloropropane	11.200	76	6301	1.728	ug/l #	42
59) 2-Hexanone	11.171	43	143449	57.984	ug/l #	23
67) Ethyl Benzene	11.965	91	209416	18.561	ug/l	98
68) m/p-Xylenes	12.071	106	608642	147.189	ug/l	93
69) o-Xylene	12.400	106	548361	136.900	ug/l	92
70) Styrene	12.412	104	194273	29.199	ug/l #	55
71) Bromoform	12.829	173	128	0.777	ug/l #	28
73) Isopropylbenzene	12.694	105	13463	1.243	ug/l	98
74) N-amyl acetate	12.459	43	6169	1.035	ug/l #	41
76) 1,2,3-Trichloropropane	12.847	75	80999	28.227	ug/l #	1
78) n-propylbenzene	13.035	91	23565	1.837	ug/l	97
79) 2-Chlorotoluene	13.341	91	11838	1.470	ug/l	80
80) 1,3,5-Trimethylbenzene	13.176	105	231961	26.485	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	80999	66.021	ug/l #	14

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Sample : P2657-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
2-AB-VOC

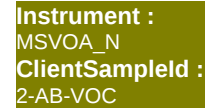
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

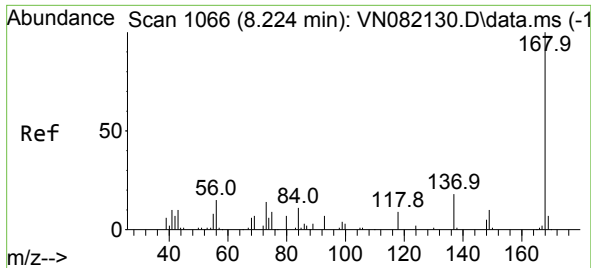
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	13.341	91	11838	1.503	ug/l	80
83) tert-Butylbenzene	13.482	119	62455	8.151	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.482	105	538467	60.095	ug/l	95
85) sec-Butylbenzene	13.482	105	538467	50.702	ug/l #	56
86) p-Isopropyltoluene	13.706	119	22477	2.604	ug/l #	55
89) n-Butylbenzene	14.000	91	27037	3.485	ug/l #	49
90) Hexachloroethane	14.447	117	12718	7.953	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5151	8.030	ug/l #	2
95) Naphthalene	15.635	128	20126168	2588.289	ug/l #	92

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

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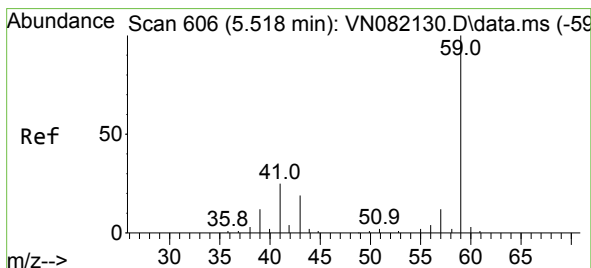
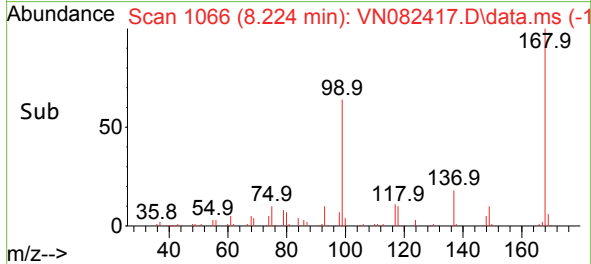
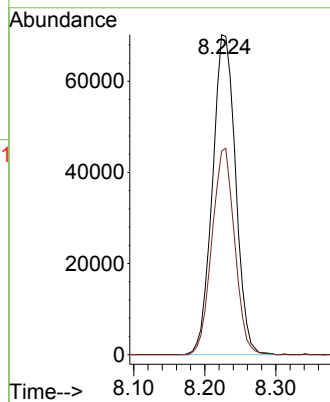
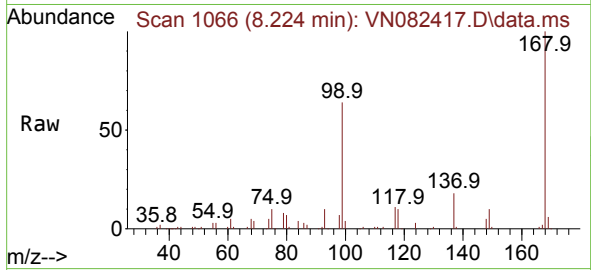




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

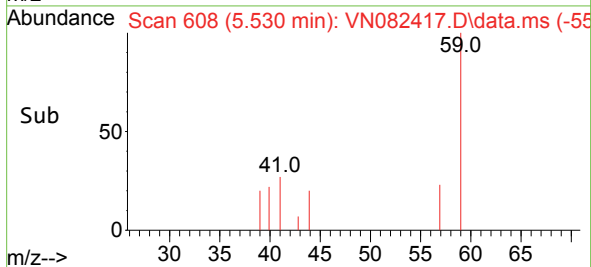
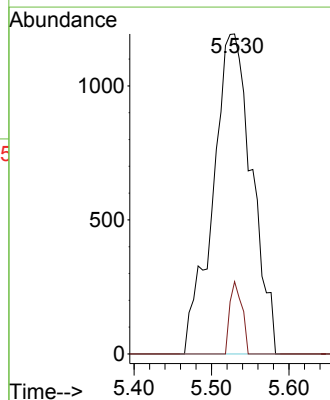
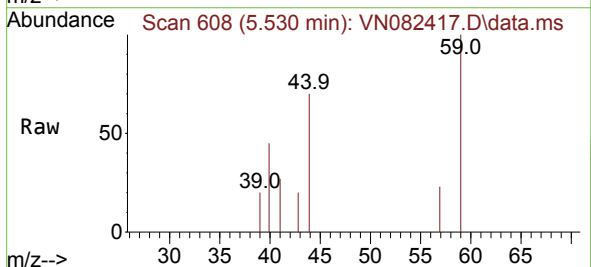
Instrument :
MSVOA_N
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2-AB-VOC

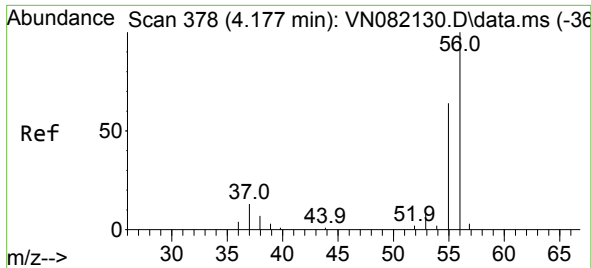
Tgt Ion:168 Resp: 158295
Ion Ratio Lower Upper
168 100
99 63.6 48.2 72.4



#11
Tert butyl alcohol
Concen: 10.401 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.012 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion: 59 Resp: 4173
Ion Ratio Lower Upper
59 100
57 7.0 8.9 13.3#

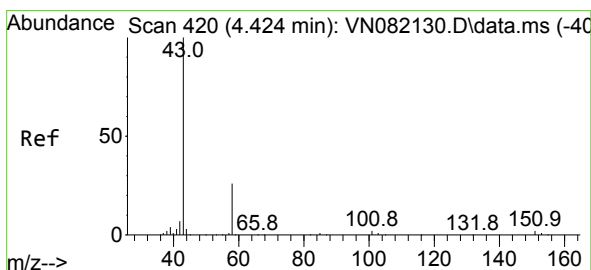
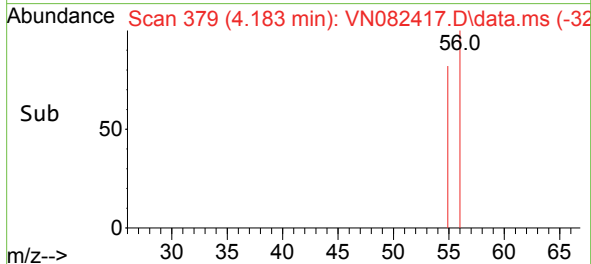
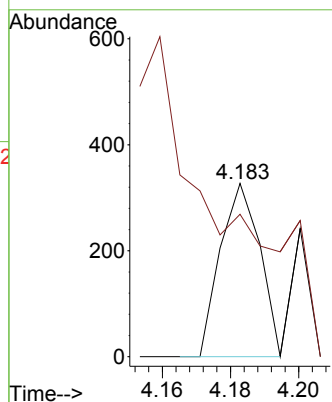
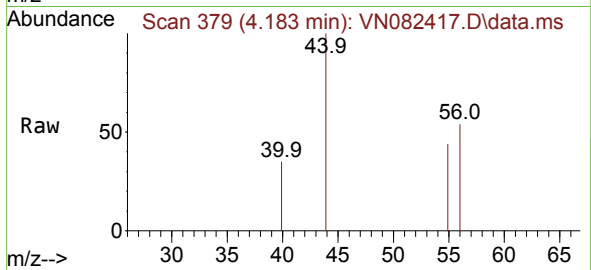




#13
Acrolein
Concen: 0.881 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

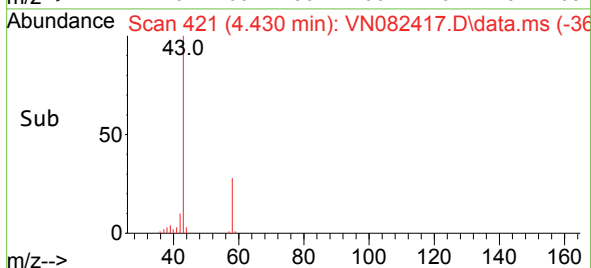
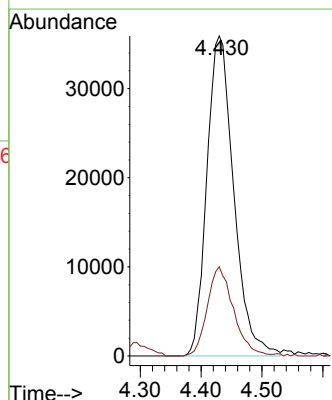
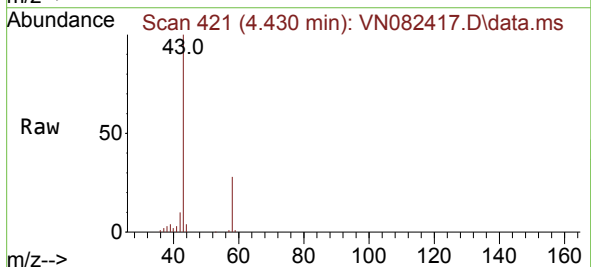
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC

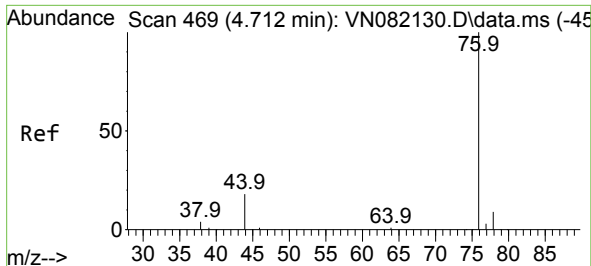
Tgt Ion: 56 Resp: 262
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#



#16
Acetone
Concen: 107.406 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion: 43 Resp: 110128
Ion Ratio Lower Upper
43 100
58 27.9 25.2 37.8

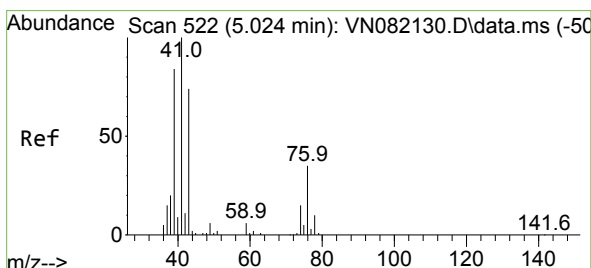
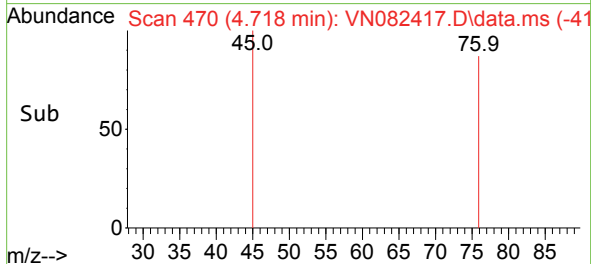
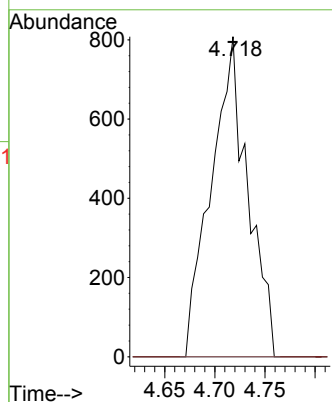
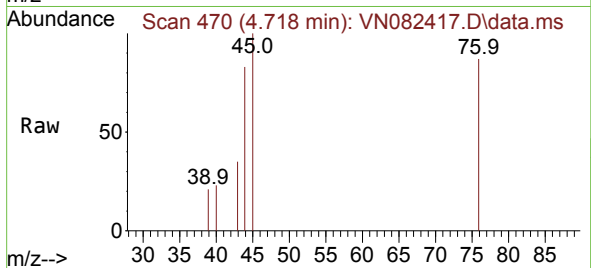




#17
Carbon Disulfide
Concen: 0.369 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

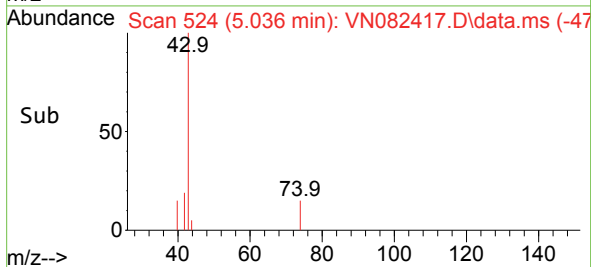
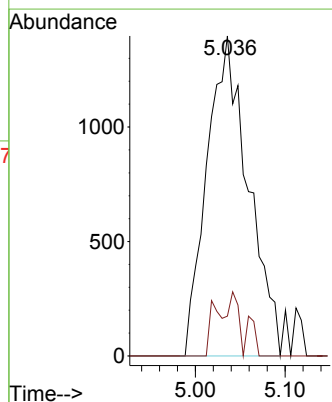
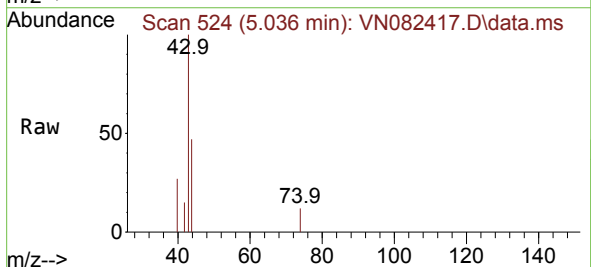
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC

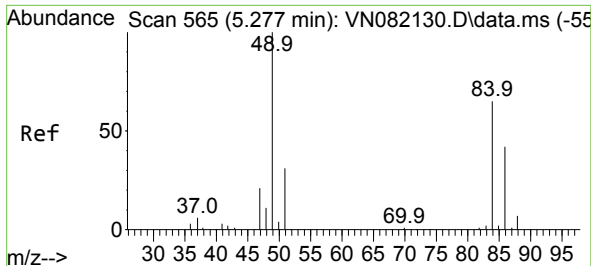
Tgt Ion: 76 Resp: 2058
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#18
Methyl Acetate
Concen: 1.749 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion: 43 Resp: 4466
Ion Ratio Lower Upper
43 100
74 5.3 22.2 33.2#

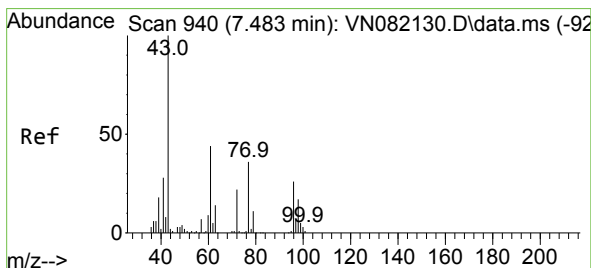
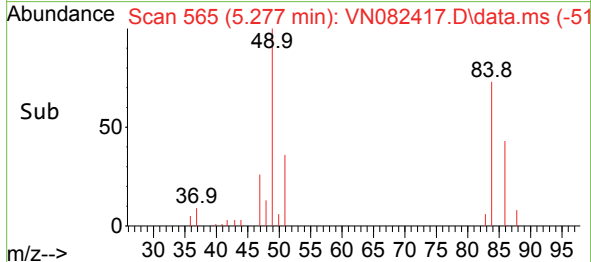
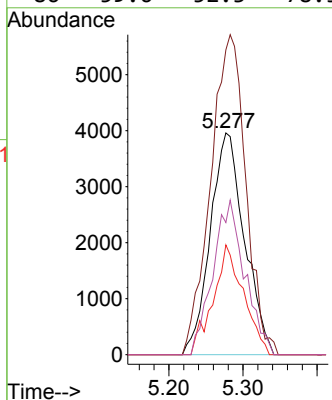
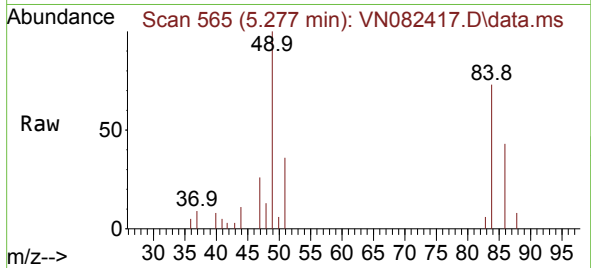




#20
Methylene Chloride
Concen: 6.141 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

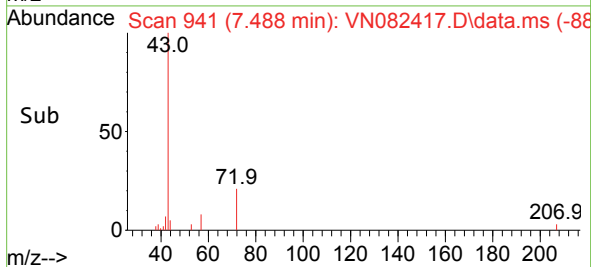
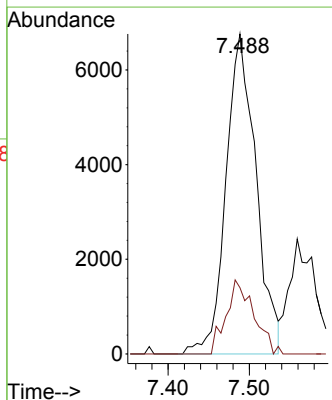
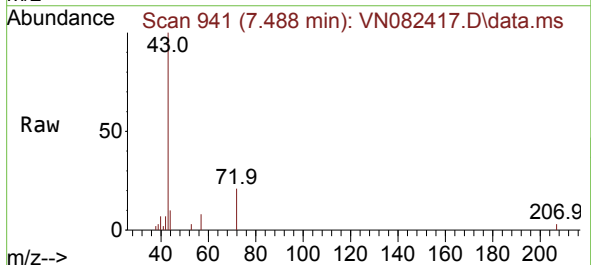
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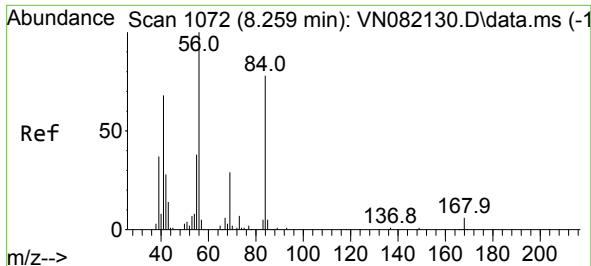
Tgt Ion: 84	Resp: 12704
Ion Ratio	Lower Upper
84 100	
49 137.4	84.9 127.3#
51 49.5	27.0 40.6#
86 59.6	52.3 78.5



#25
2-Butanone
Concen: 11.170 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion: 43	Resp: 17364
Ion Ratio	Lower Upper
43 100	
72 20.7	25.3 37.9#

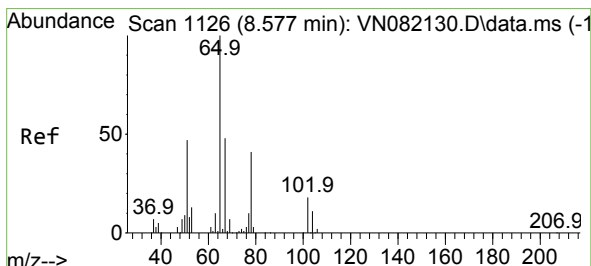
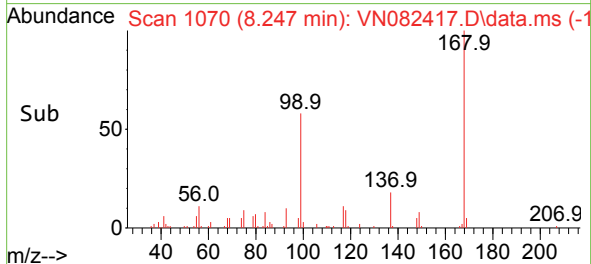
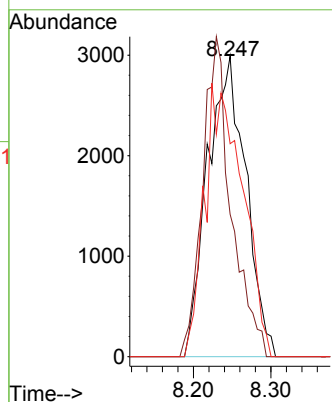
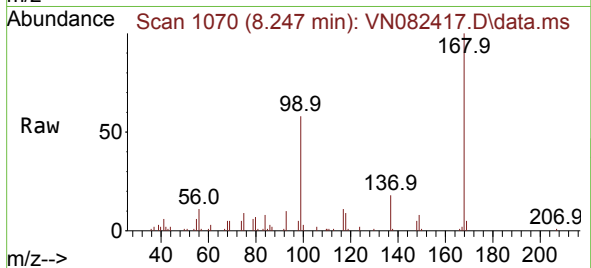




#31
Cyclohexane
Concen: 2.567 ug/l
RT: 8.247 min Scan# 1072
Delta R.T. -0.012 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

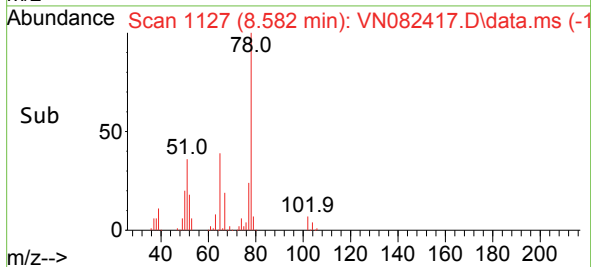
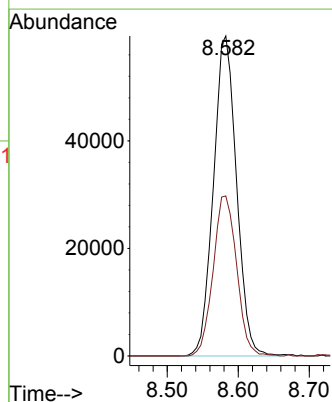
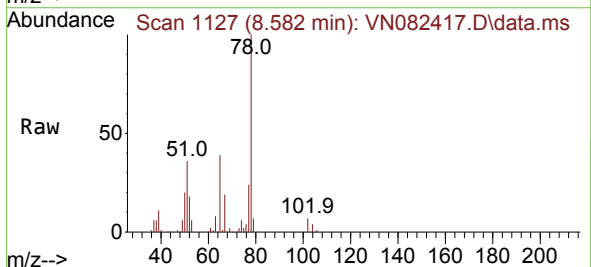
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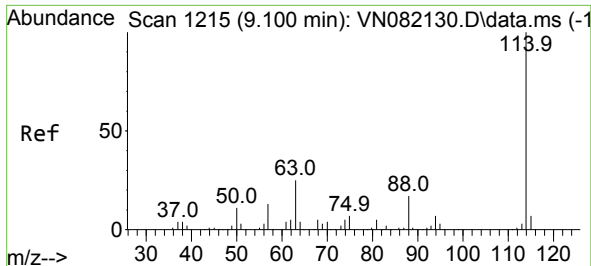
Tgt Ion: 56 Resp: 10246
Ion Ratio Lower Upper
56 100
69 47.4 24.4 36.6#
84 70.9 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 53.731 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion: 65 Resp: 134302
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082417.D

Acq: 31 May 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

2-AB-VOC

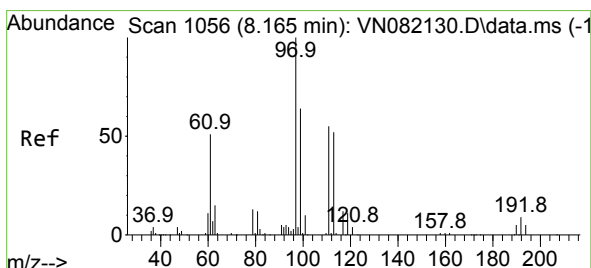
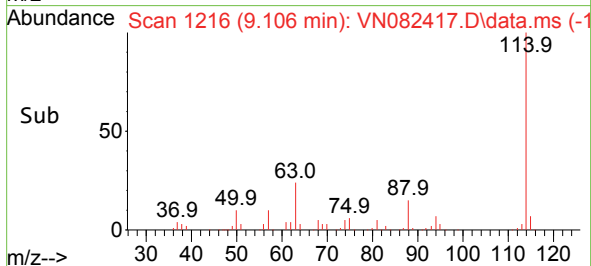
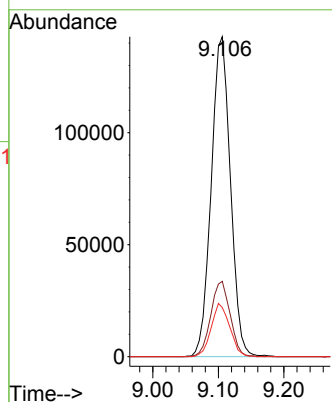
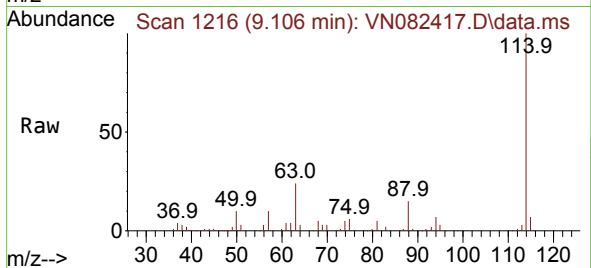
Tgt Ion:114 Resp: 290670

Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 15.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.437 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082417.D

Acq: 31 May 2024 18:47

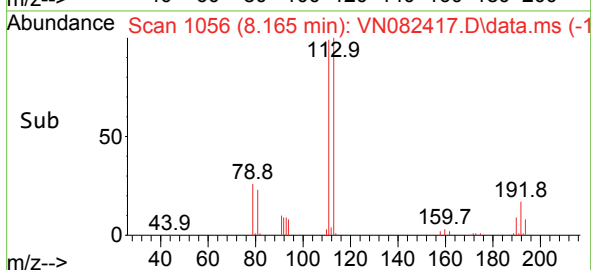
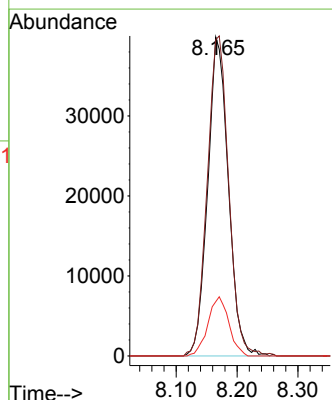
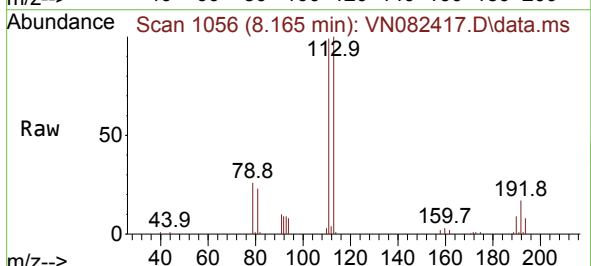
Tgt Ion:113 Resp: 93761

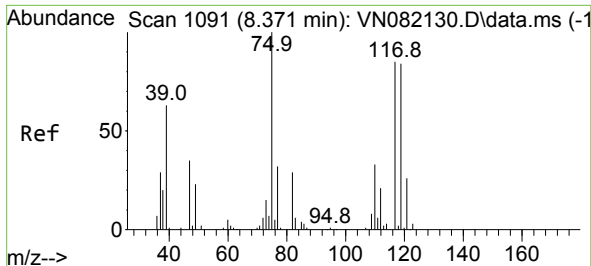
Ion Ratio Lower Upper

113 100

111 104.1 83.4 125.2

192 18.8 14.0 21.0

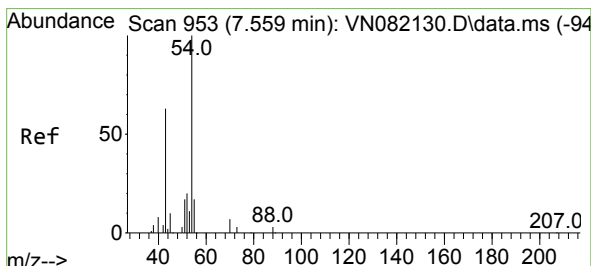
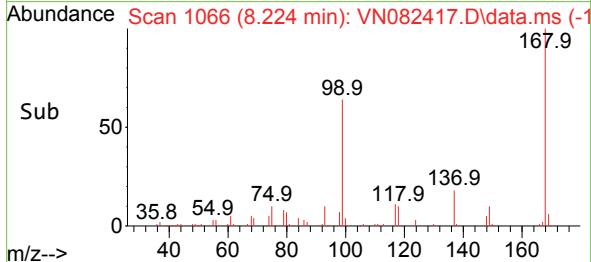
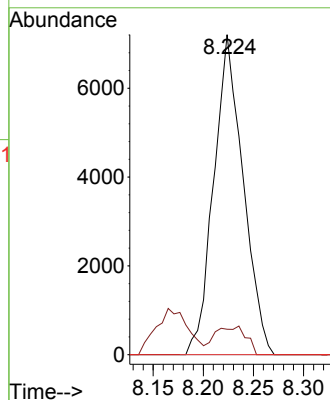
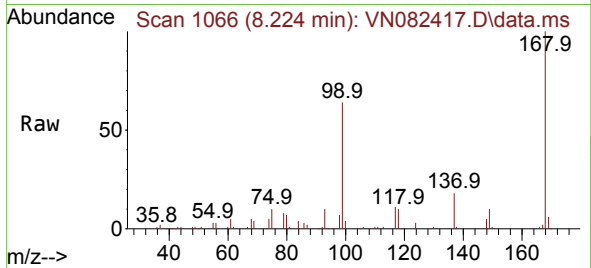




#36
1,1-Dichloropropene
Concen: 4.891 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

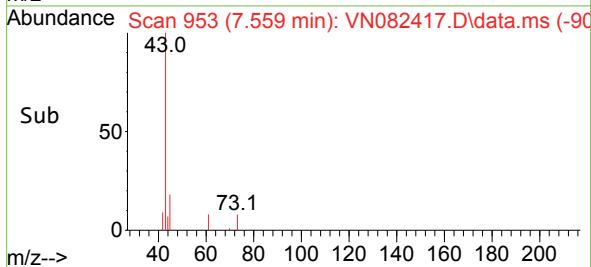
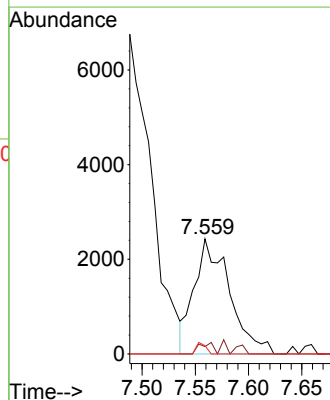
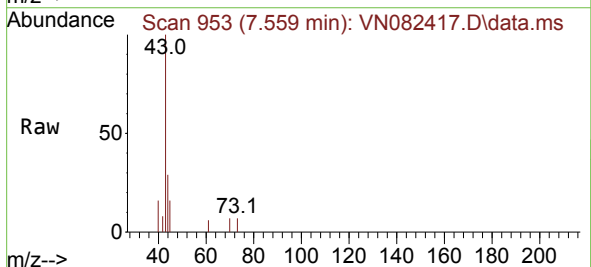
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC

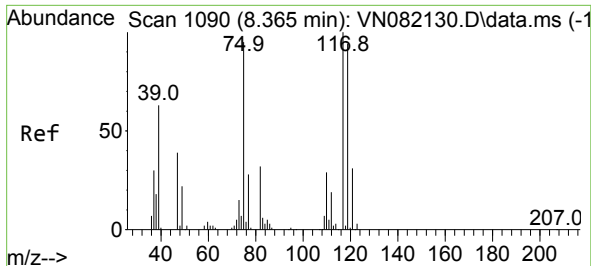
Tgt Ion: 75 Resp: 14668
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.675 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion: 43 Resp: 5620
Ion Ratio Lower Upper
43 100
61 3.8 11.3 16.9#
70 2.6 8.7 13.1#

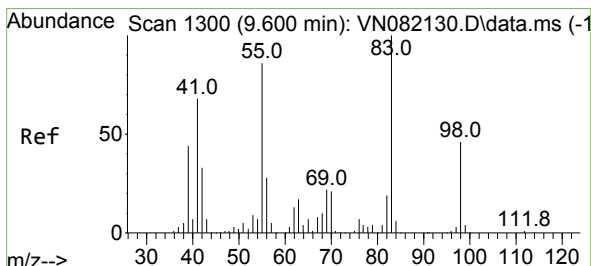
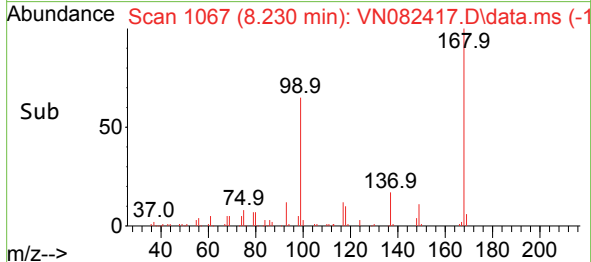
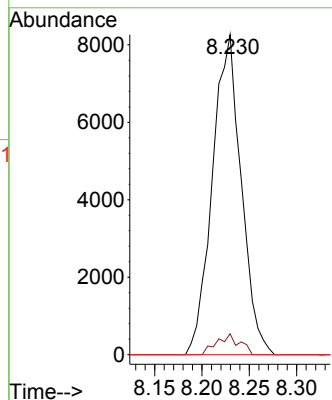
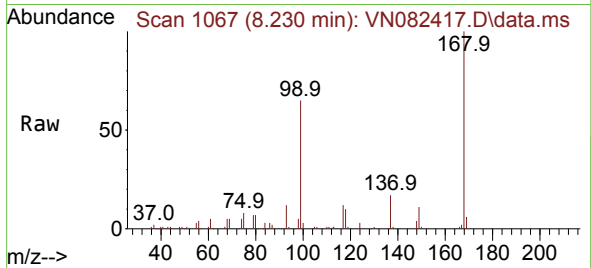




#38
Carbon Tetrachloride
Concen: 5.753 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

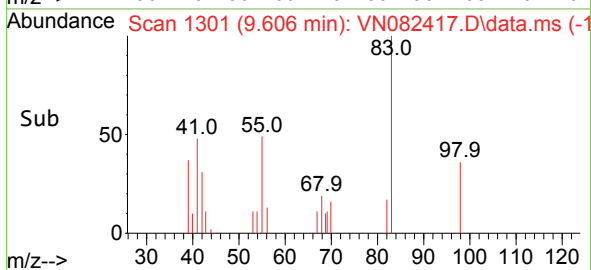
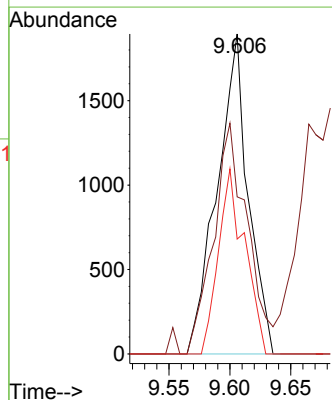
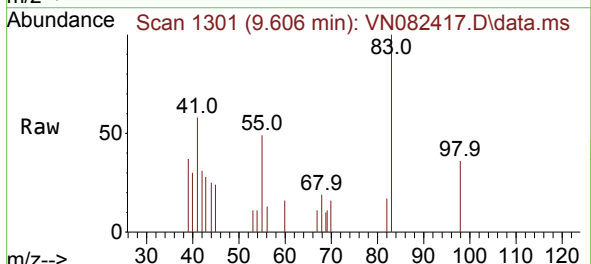
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC

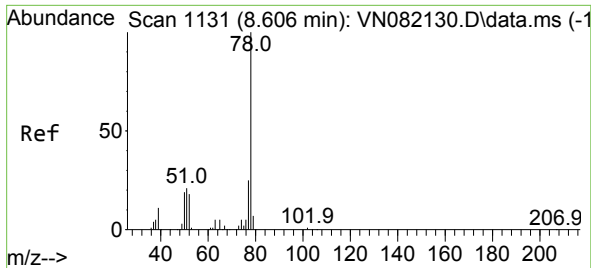
Tgt Ion:117 Resp: 17488
Ion Ratio Lower Upper
117 100
119 6.6 76.5 114.7#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 1.021 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion: 83 Resp: 3357
Ion Ratio Lower Upper
83 100
55 49.1 53.0 79.6#
98 35.9 37.1 55.7#

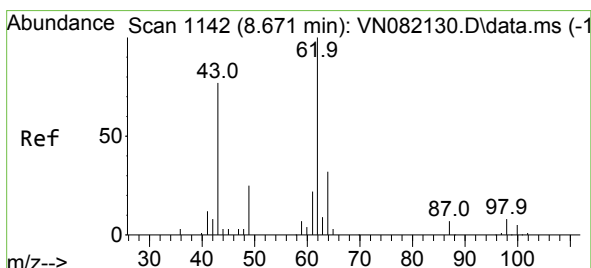
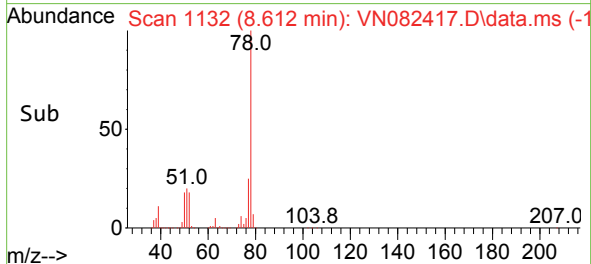
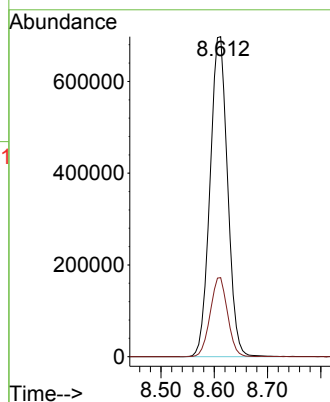
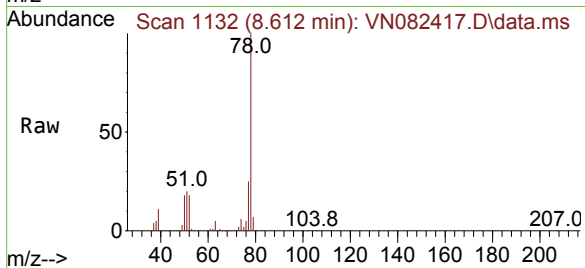




#40
Benzene
Concen: 178.284 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

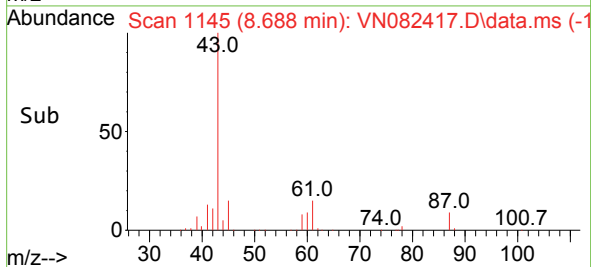
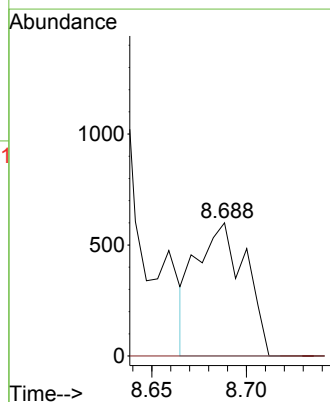
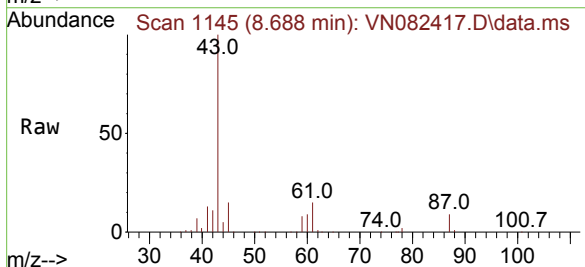
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC

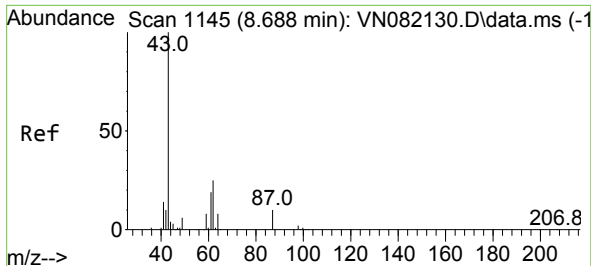
Tgt Ion: 78 Resp: 1594334
Ion Ratio Lower Upper
78 100
77 24.7 20.0 30.0



#42
1,2-Dichloroethane
Concen: 0.315 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion: 62 Resp: 1084
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.6

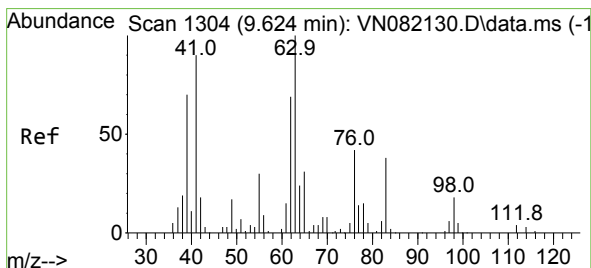
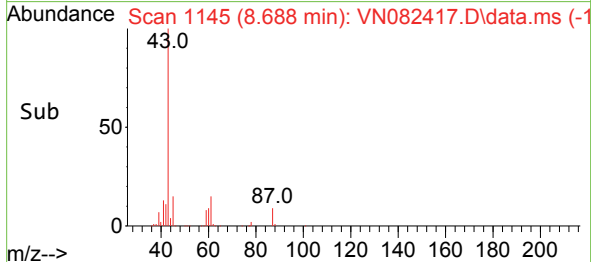
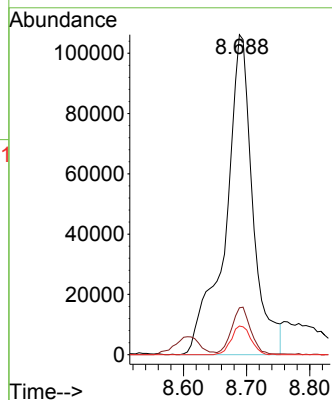
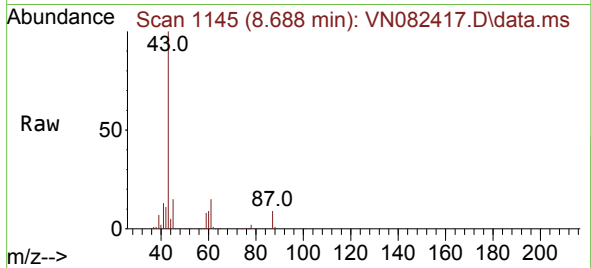




#43
Isopropyl Acetate
Concen: 53.873 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

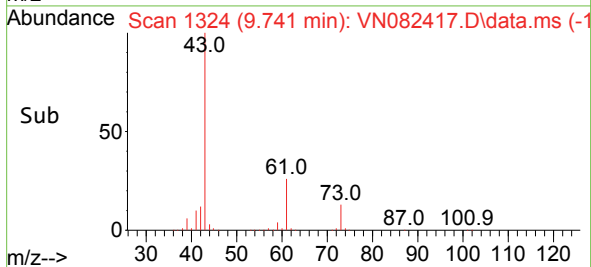
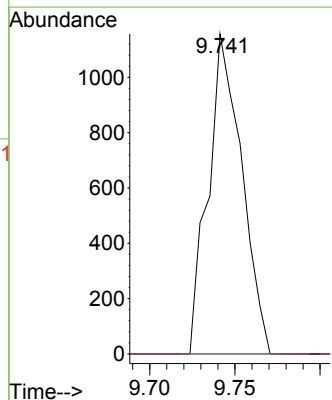
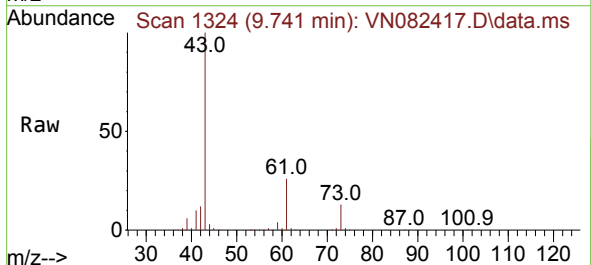
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC

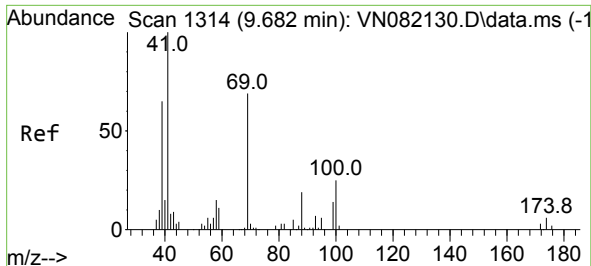
Tgt Ion: 43 Resp: 320369
Ion Ratio Lower Upper
43 100
61 10.6 22.8 34.2#
87 6.4 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.685 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion: 63 Resp: 1581
Ion Ratio Lower Upper
63 100
65 0.0 24.1 36.1#

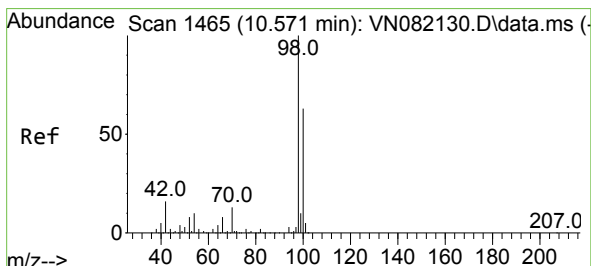
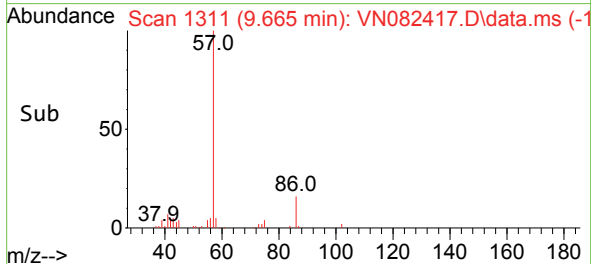
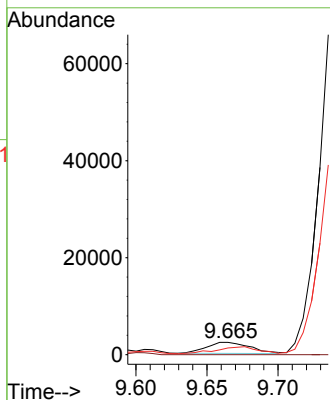
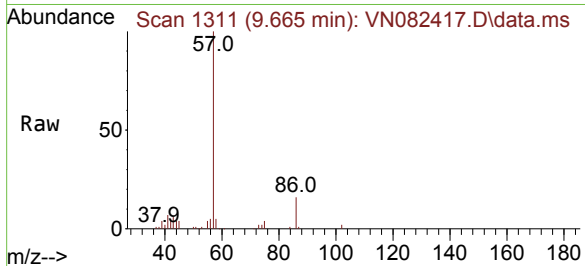




#48
Methyl methacrylate
Concen: 1.729 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.018 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

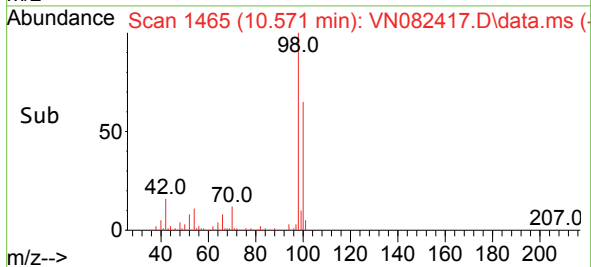
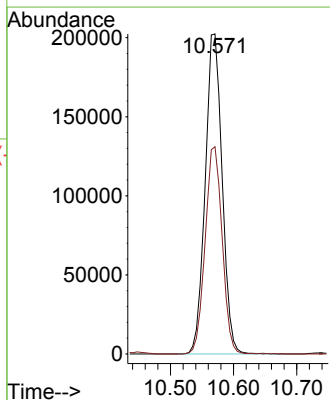
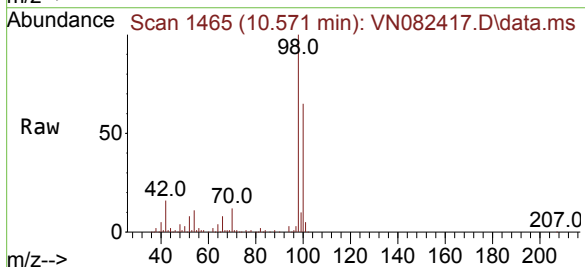
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC

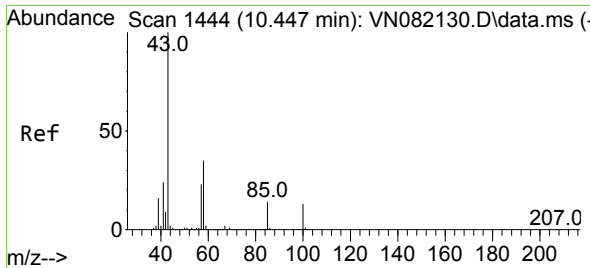
Tgt Ion: 41 Resp: 4900
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 76.1 50.9 76.3



#50
Toluene-d8
Concen: 55.076 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion: 98 Resp: 377561
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

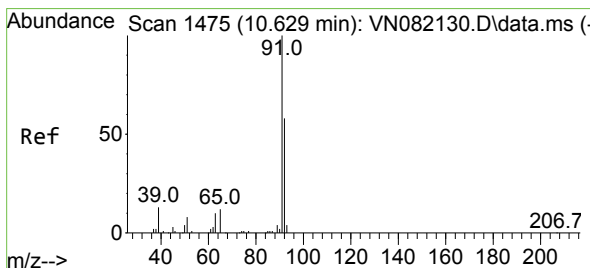
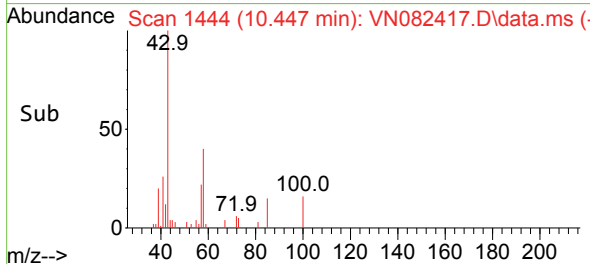
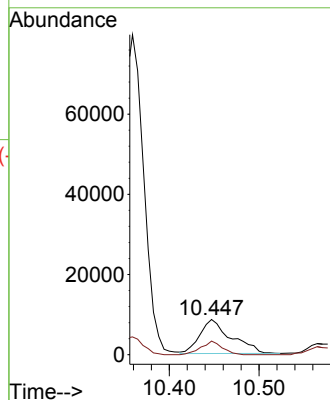
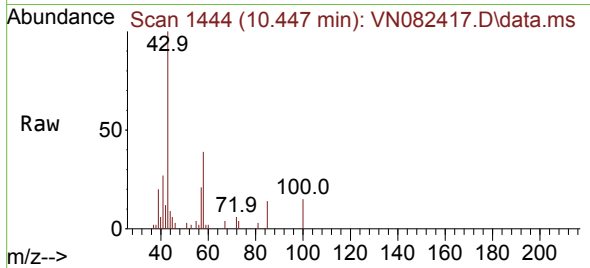




#51
4-Methyl-2-Pentanone
Concen: 6.108 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

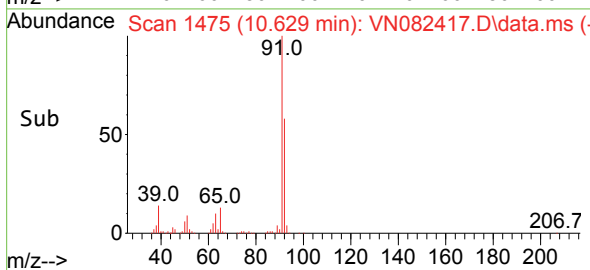
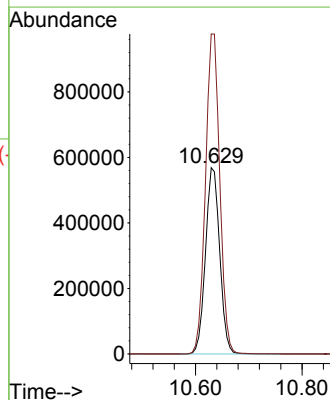
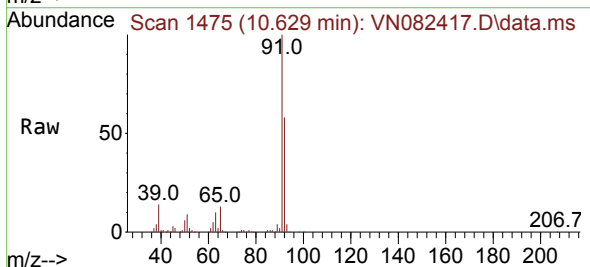
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC

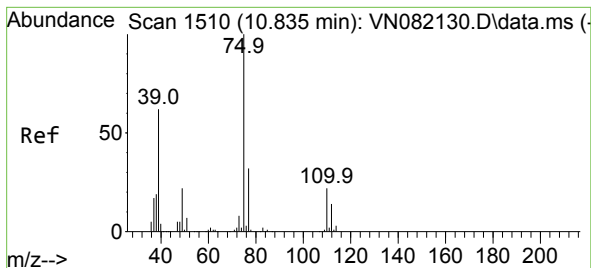
Tgt Ion: 43 Resp: 20639
Ion Ratio Lower Upper
43 100
58 26.9 33.2 49.8#



#52
Toluene
Concen: 195.835 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion: 92 Resp: 1050960
Ion Ratio Lower Upper
92 100
91 172.8 136.7 205.1

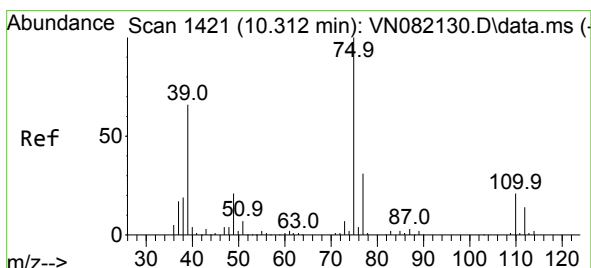
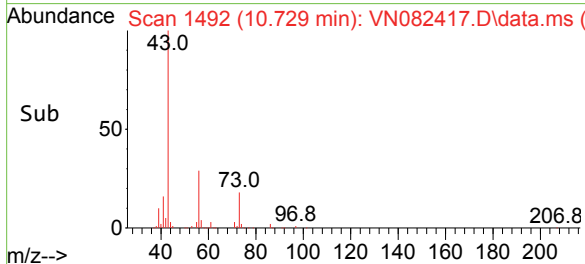
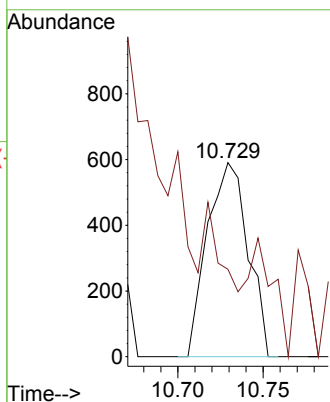
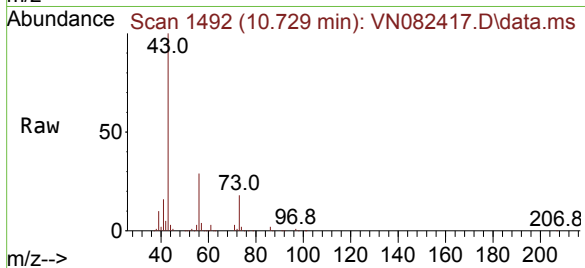




#53
 t-1,3-Dichloropropene
 Concen: 0.297 ug/l
 RT: 10.729 min Scan# 1492
 Delta R.T. -0.106 min
 Lab File: VN082417.D
 Acq: 31 May 2024 18:47

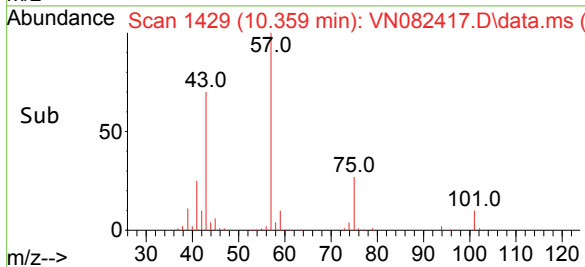
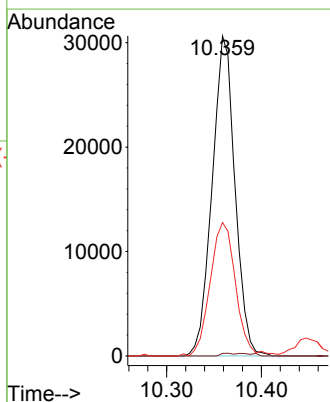
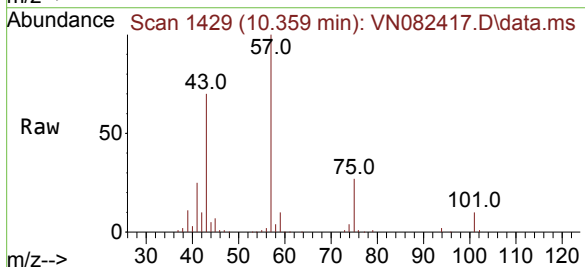
Instrument :
 MSVOA_N
 ClientSampleId :
 2-AB-VOC

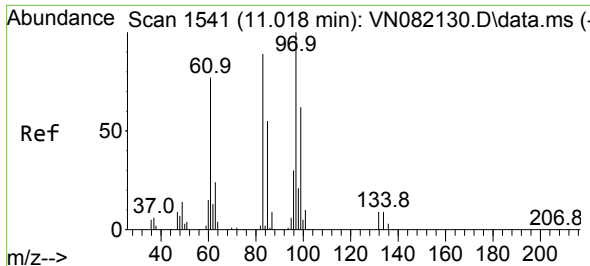
Tgt Ion: 75 Resp: 981
 Ion Ratio Lower Upper
 75 100
 77 5.1 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 14.658 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN082417.D
 Acq: 31 May 2024 18:47

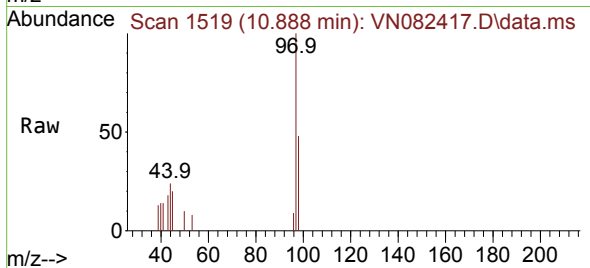
Tgt Ion: 75 Resp: 51315
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.0 37.4#
 39 41.7 34.8 52.2



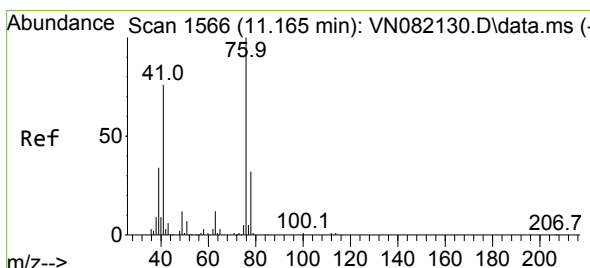
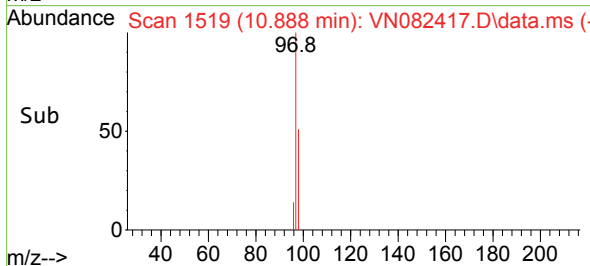
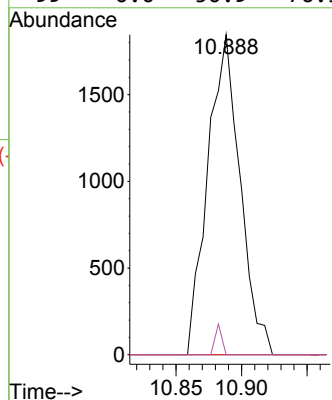


#55
 1,1,2-Trichloroethane
 Concen: 1.625 ug/l
 RT: 10.888 min Scan# 1519
 Delta R.T. -0.129 min
 Lab File: VN082417.D
 Acq: 31 May 2024 18:47

Instrument :
 MSVOA_N
 ClientSampleId :
 2-AB-VOC

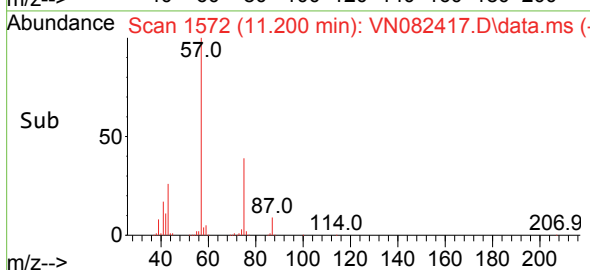
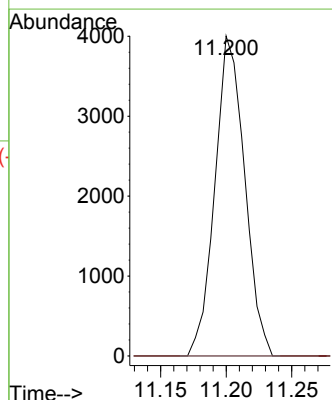
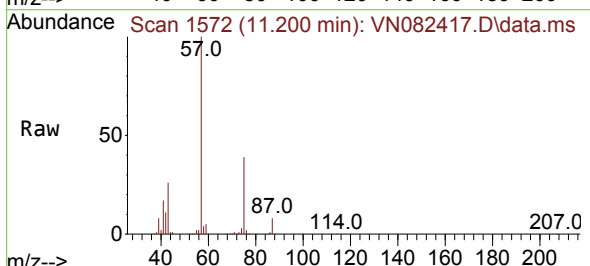


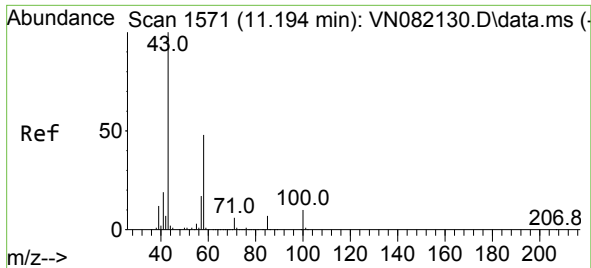
Tgt Ion	Ratio	Lower	Upper
97	100		
83	0.0	70.4	105.6#
85	0.0	45.6	68.4#
99	0.0	50.9	76.3#



#57
 1,3-Dichloropropane
 Concen: 1.728 ug/l
 RT: 11.200 min Scan# 1572
 Delta R.T. 0.035 min
 Lab File: VN082417.D
 Acq: 31 May 2024 18:47

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.6#

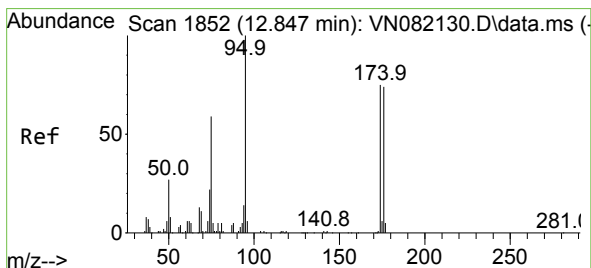
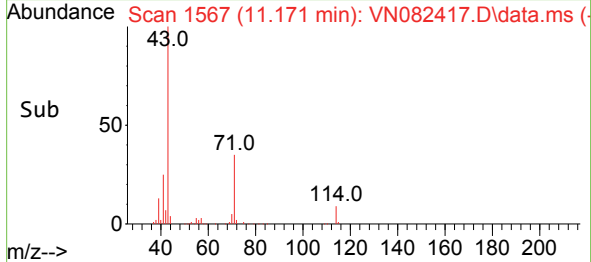
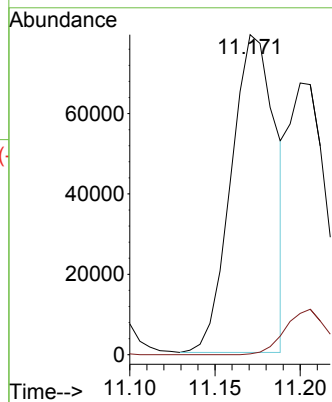
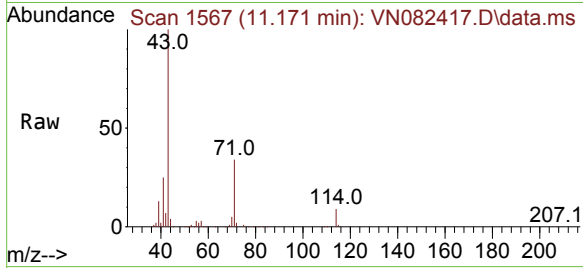




#59
2-Hexanone
Concen: 57.984 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

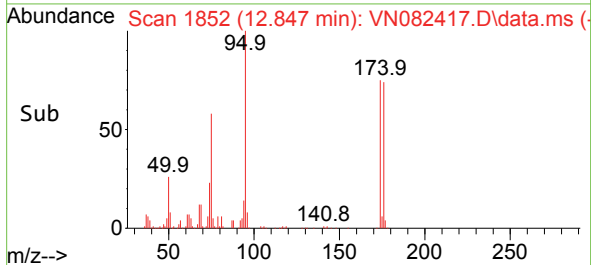
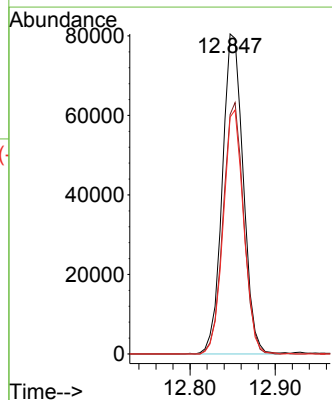
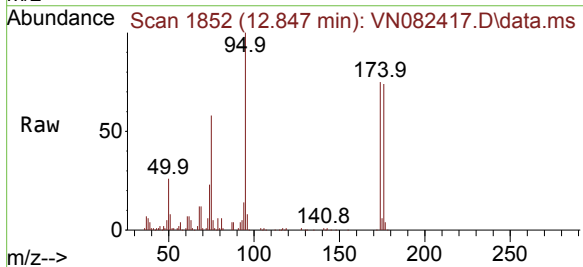
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC

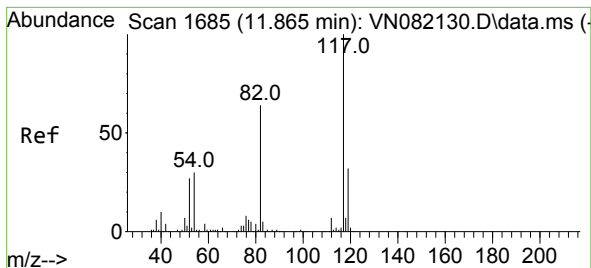
Tgt Ion: 43 Resp: 143449
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 56.103 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion: 95 Resp: 137274
Ion Ratio Lower Upper
95 100
174 76.8 0.0 160.6
176 74.4 0.0 152.8

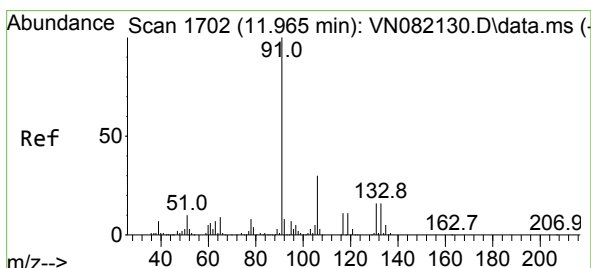
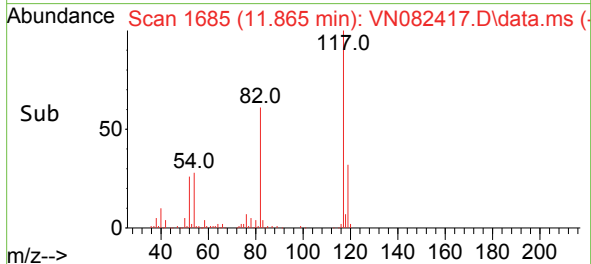
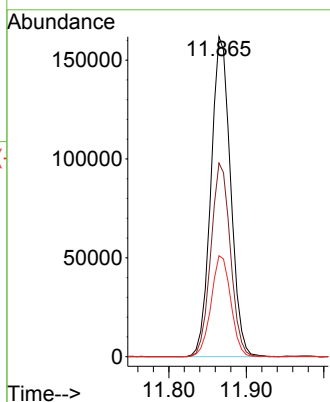
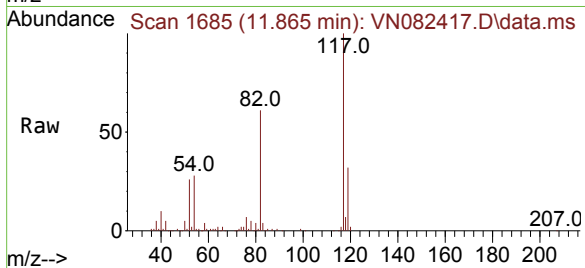




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

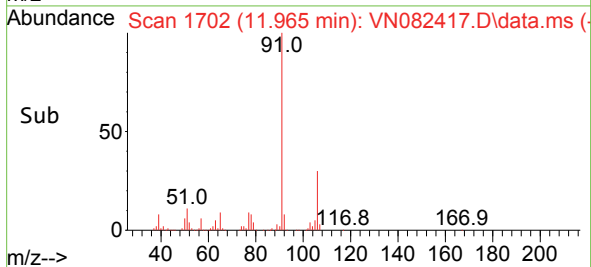
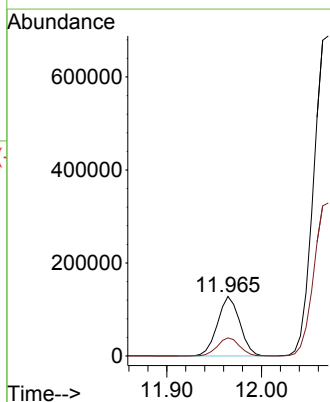
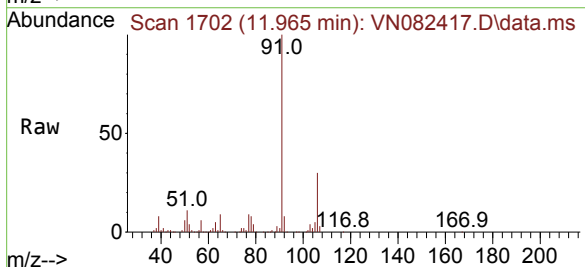
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC

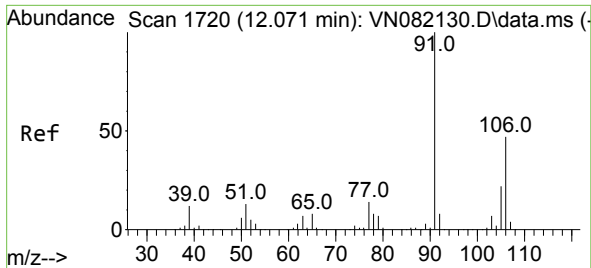
Tgt Ion:117 Resp: 285500
Ion Ratio Lower Upper
117 100
82 60.5 44.6 66.8
119 31.5 25.9 38.9



#67
Ethyl Benzene
Concen: 18.561 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion: 91 Resp: 209416
Ion Ratio Lower Upper
91 100
106 30.5 25.3 37.9

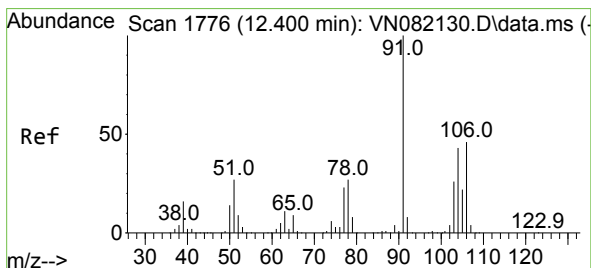
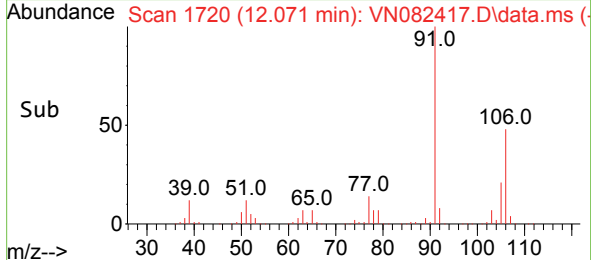
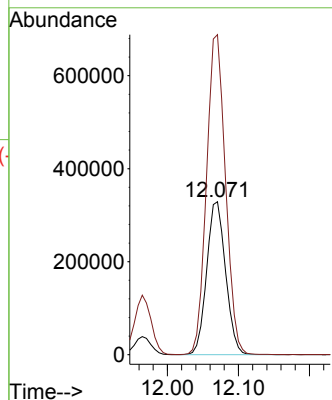
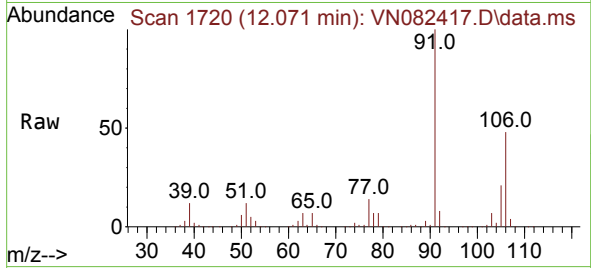




#68
m/p-Xylenes
Concen: 147.189 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

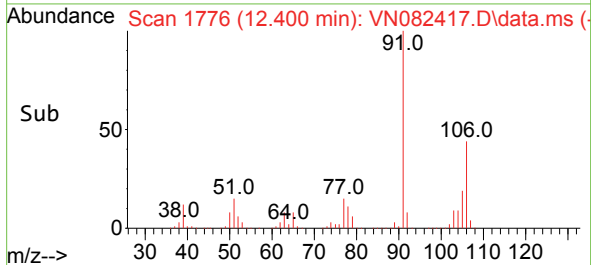
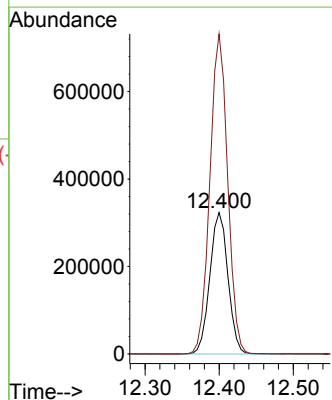
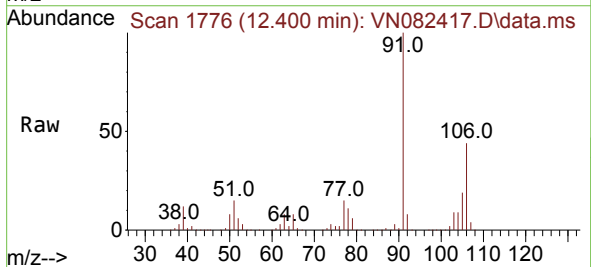
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC

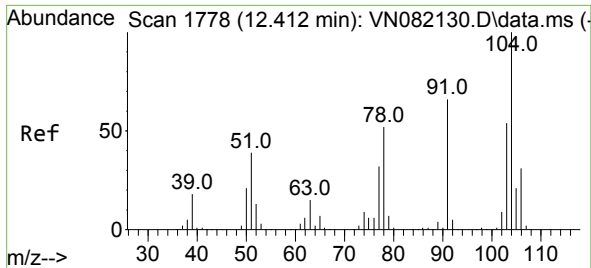
Tgt Ion:106 Resp: 608642
Ion Ratio Lower Upper
106 100
91 210.1 159.4 239.0



#69
o-Xylene
Concen: 136.900 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion:106 Resp: 548361
Ion Ratio Lower Upper
106 100
91 222.4 104.7 314.1

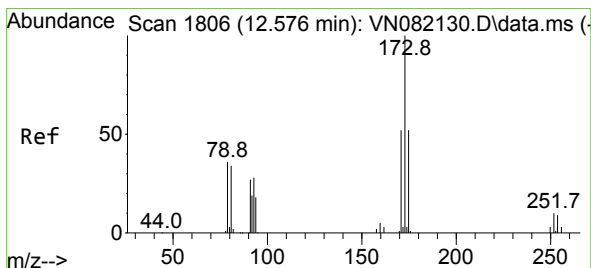
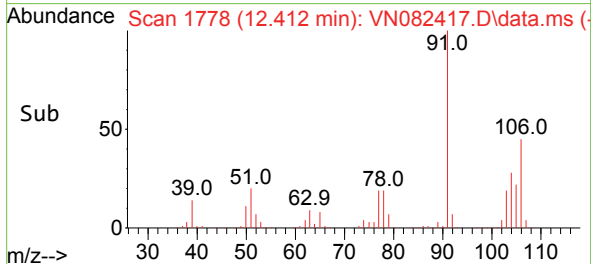
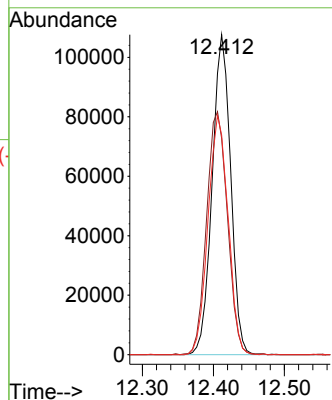
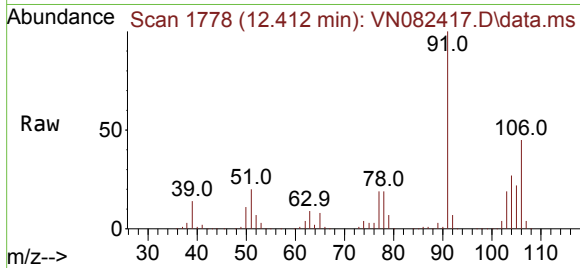




#70
Styrene
Concen: 29.199 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

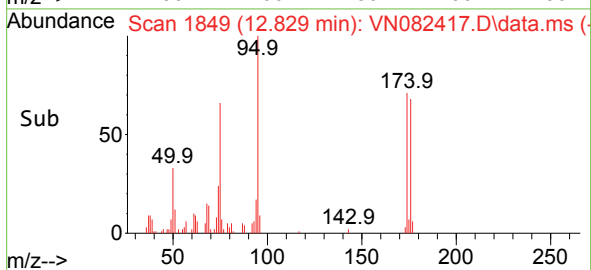
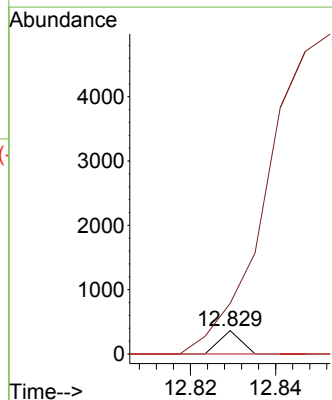
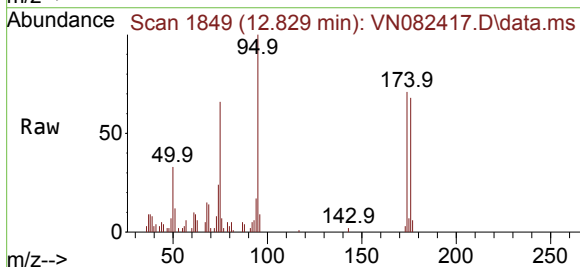
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC

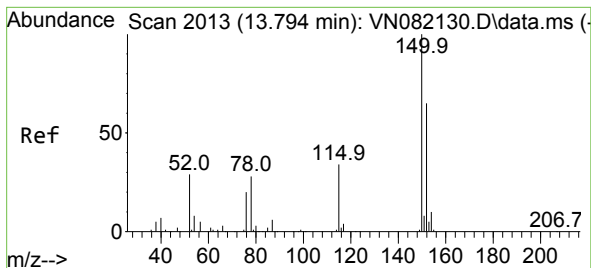
Tgt Ion:104 Resp: 194273
Ion Ratio Lower Upper
104 100
78 85.6 38.6 58.0#
103 81.4 43.8 65.6#



#71
Bromoform
Concen: 0.777 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.253 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion:173 Resp: 128
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082417.D

Acq: 31 May 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

2-AB-VOC

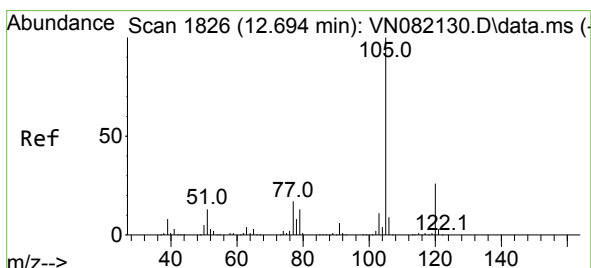
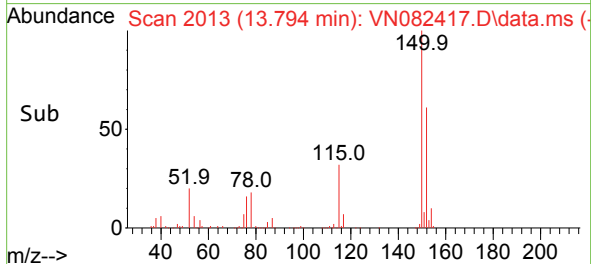
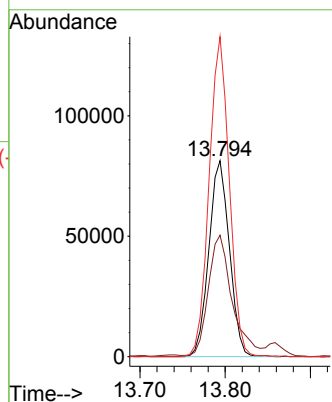
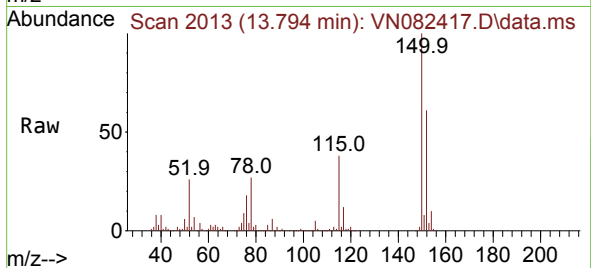
Tgt Ion:152 Resp: 136338

Ion Ratio Lower Upper

152 100

115 70.4 30.4 91.3

150 160.2 0.0 353.2



#73

Isopropylbenzene

Concen: 1.243 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN082417.D

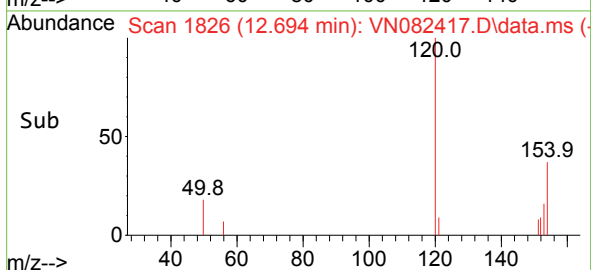
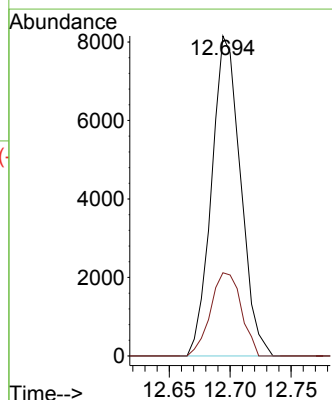
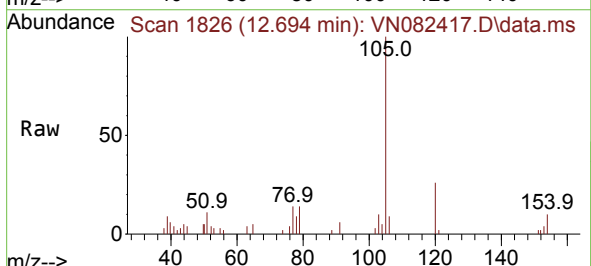
Acq: 31 May 2024 18:47

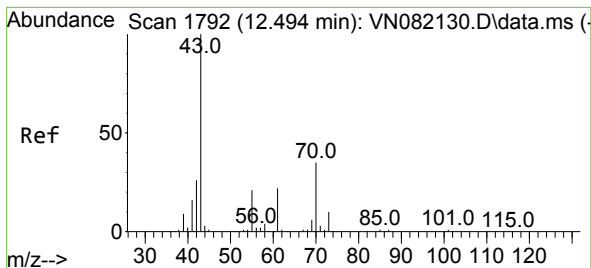
Tgt Ion:105 Resp: 13463

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.1





#74

N-amy1 acetate

Concen: 1.035 ug/l

RT: 12.459 min Scan# 1

Delta R.T. -0.035 min

Lab File: VN082417.D

Acq: 31 May 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

2-AB-VOC

Tgt Ion: 43 Resp: 6169

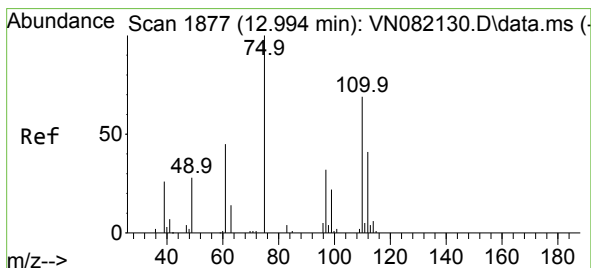
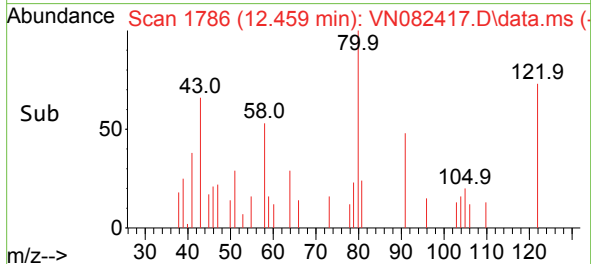
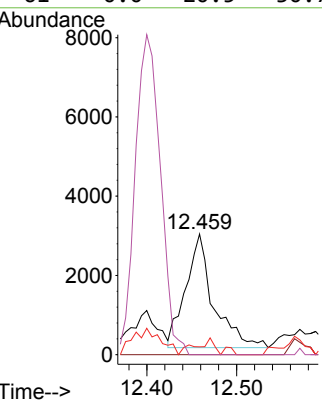
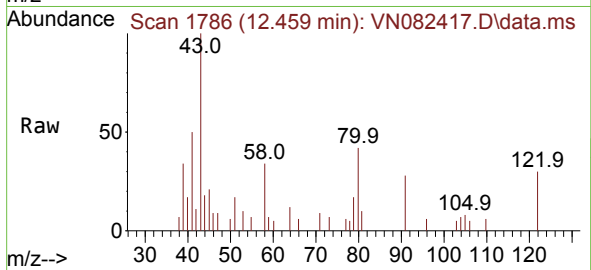
Ion Ratio Lower Upper

43 100

70 0.0 39.0 58.4#

55 4.7 21.3 31.9#

61 0.0 20.5 30.7#



#76

1,2,3-Trichloropropane

Concen: 28.227 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082417.D

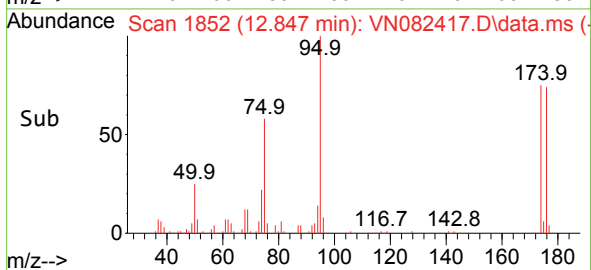
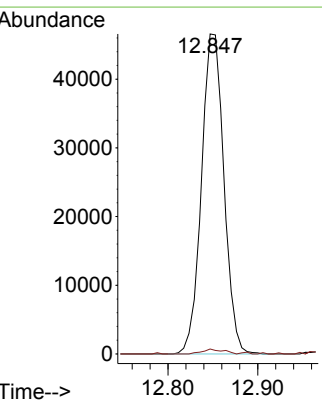
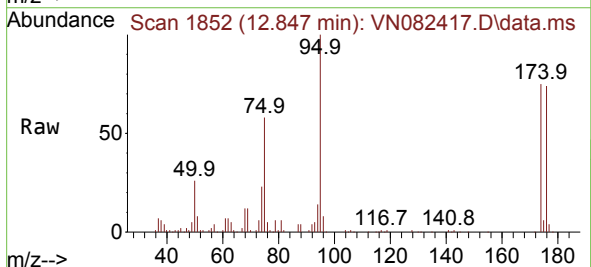
Acq: 31 May 2024 18:47

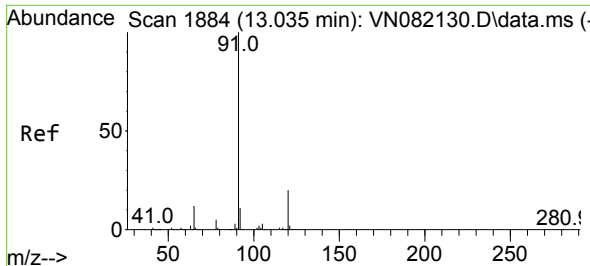
Tgt Ion: 75 Resp: 80999

Ion Ratio Lower Upper

75 100

77 1.4 90.5 271.3#

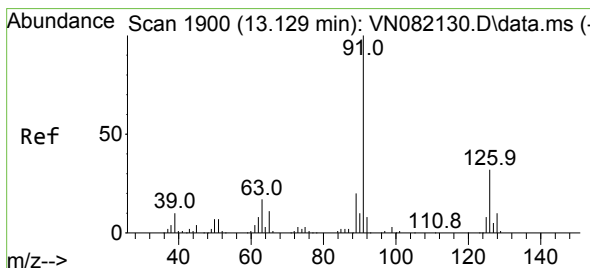
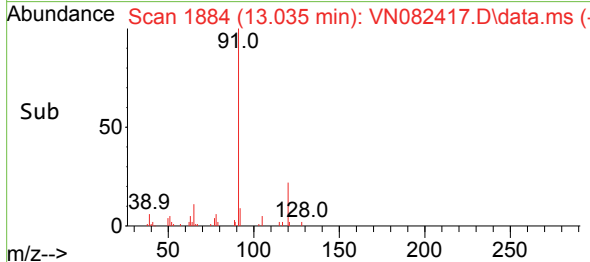
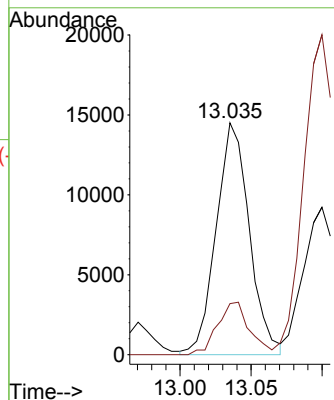
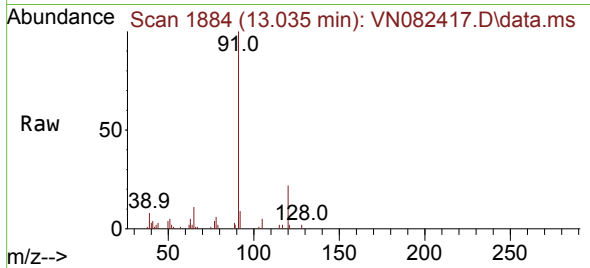




#78
n-propylbenzene
Concen: 1.837 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

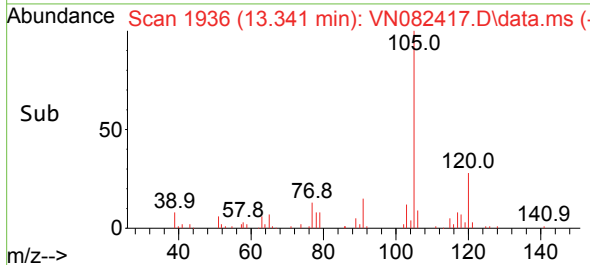
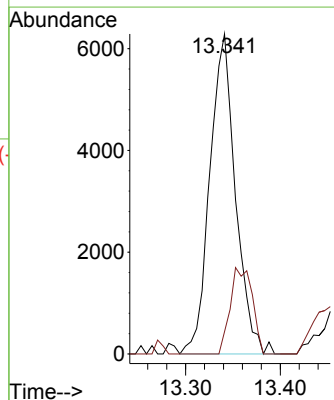
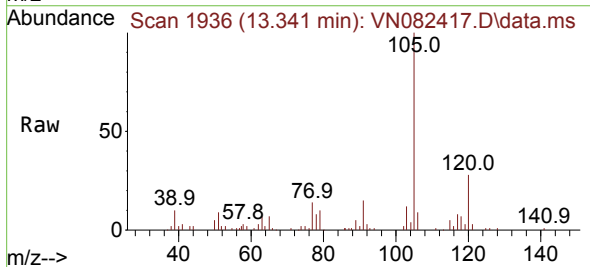
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC

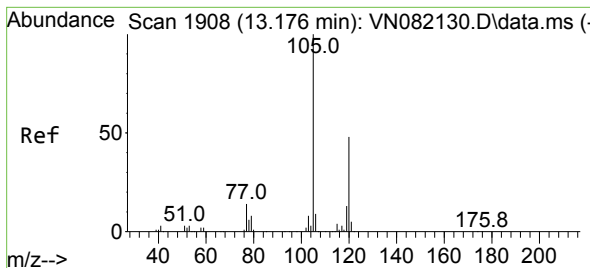
Tgt Ion: 91 Resp: 23565
Ion Ratio Lower Upper
91 100
120 21.9 11.7 35.0



#79
2-Chlorotoluene
Concen: 1.470 ug/l
RT: 13.341 min Scan# 1936
Delta R.T. 0.212 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion: 91 Resp: 11838
Ion Ratio Lower Upper
91 100
126 23.2 17.5 52.5





#80

1,3,5-Trimethylbenzene

Concen: 26.485 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082417.D

Acq: 31 May 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

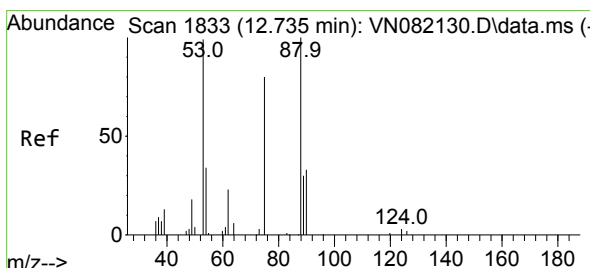
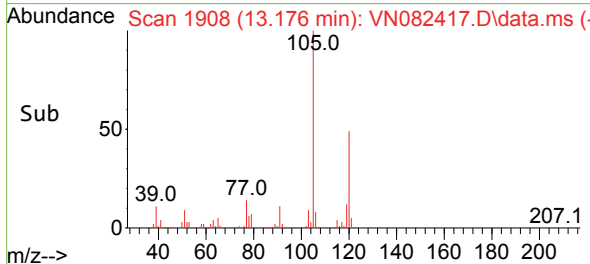
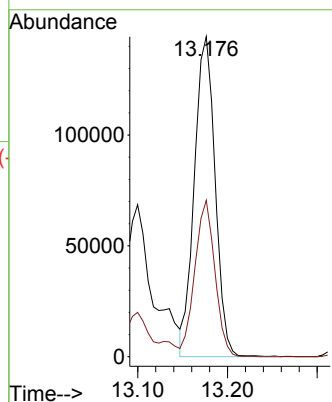
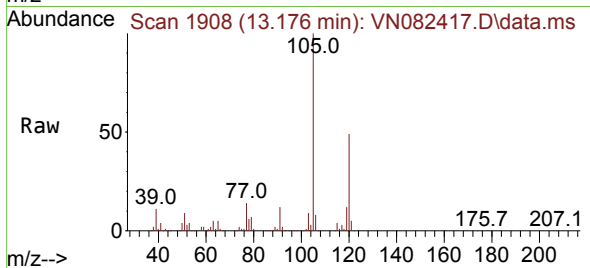
2-AB-VOC

Tgt Ion:105 Resp: 231961

Ion Ratio Lower Upper

105 100

120 47.3 24.8 74.3



#81

trans-1,4-Dichloro-2-butene

Concen: 66.021 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN082417.D

Acq: 31 May 2024 18:47

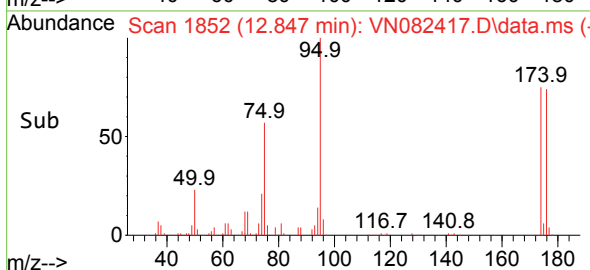
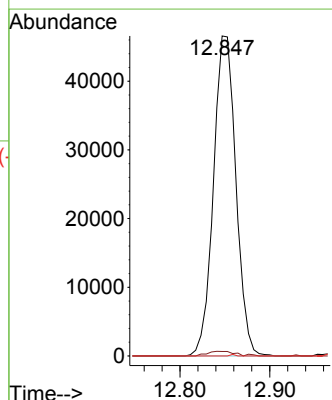
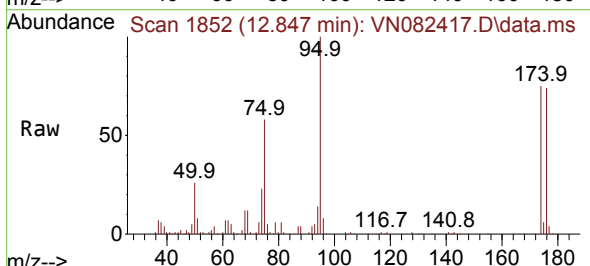
Tgt Ion: 75 Resp: 80999

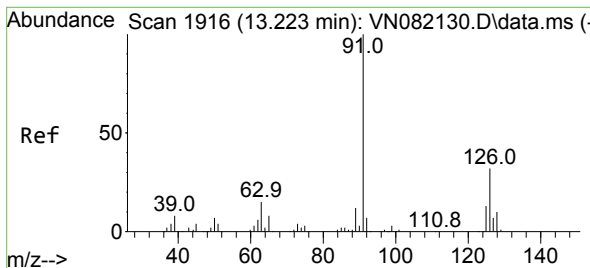
Ion Ratio Lower Upper

75 100

53 1.9 72.9 109.3#

89 0.1 39.1 58.7#





#82

4-Chlorotoluene

Concen: 1.503 ug/l

RT: 13.341 min Scan# 1916

Delta R.T. 0.118 min

Lab File: VN082417.D

Acq: 31 May 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

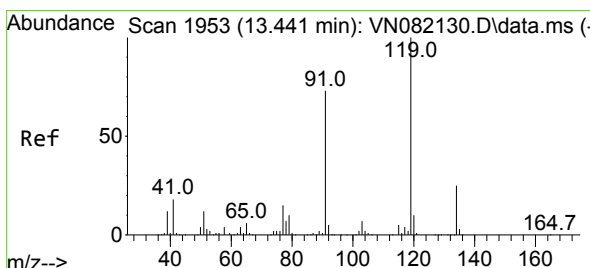
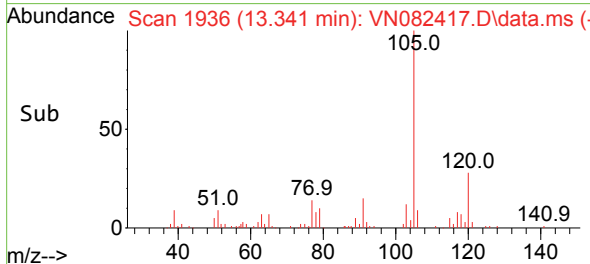
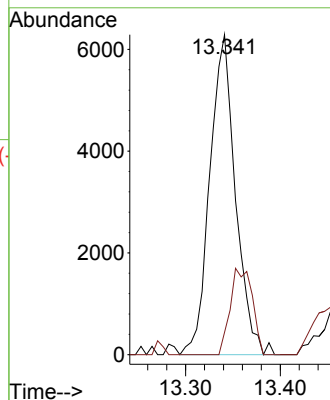
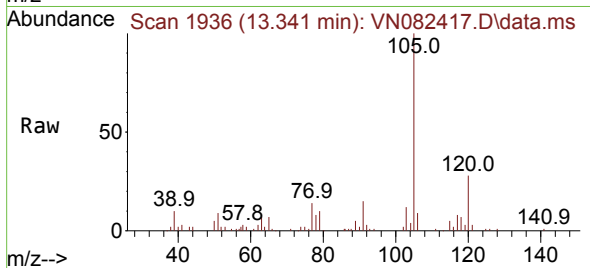
2-AB-VOC

Tgt Ion: 91 Resp: 11838

Ion Ratio Lower Upper

91 100

126 23.2 17.4 52.3



#83

tert-Butylbenzene

Concen: 8.151 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN082417.D

Acq: 31 May 2024 18:47

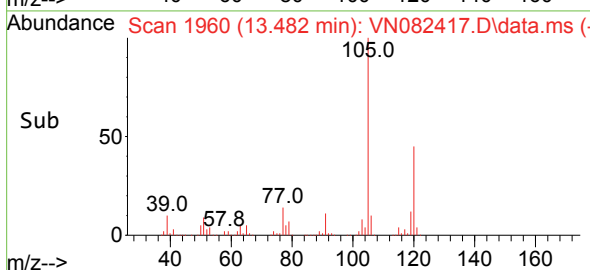
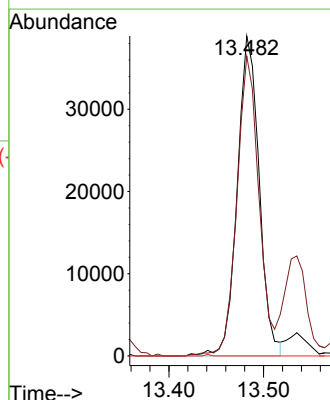
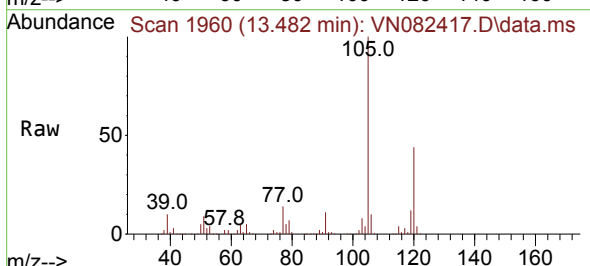
Tgt Ion: 119 Resp: 62455

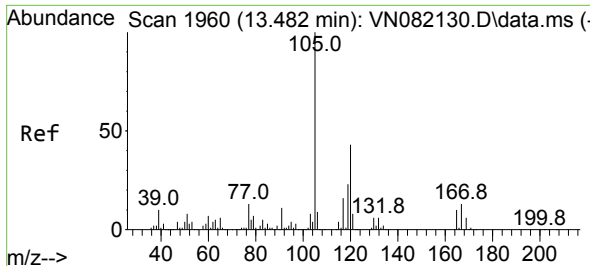
Ion Ratio Lower Upper

119 100

91 94.0 32.6 97.8

134 0.0 12.4 37.0#

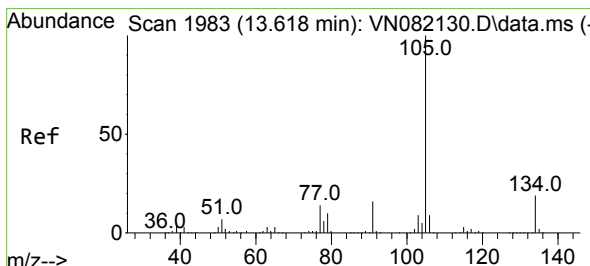
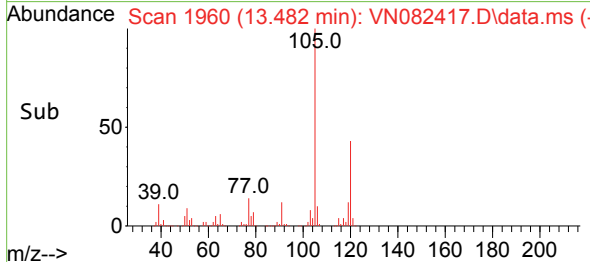
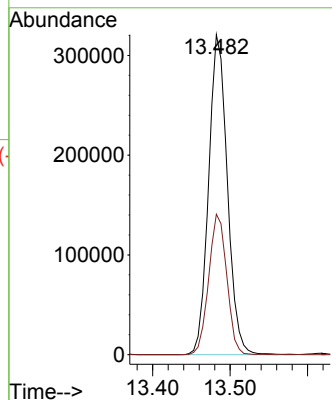
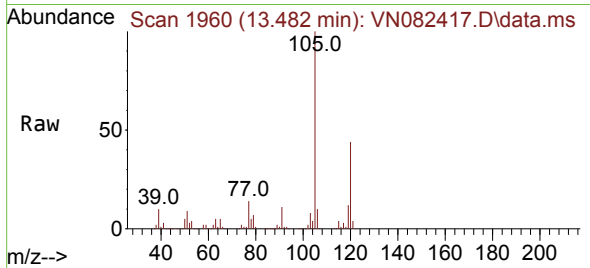




#84
1,2,4-Trimethylbenzene
Concen: 60.095 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

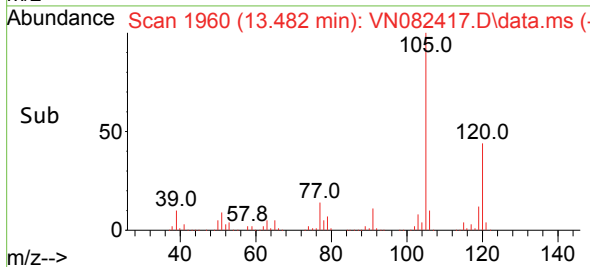
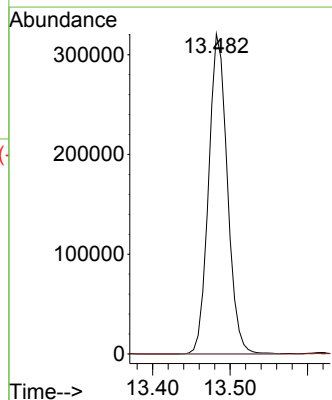
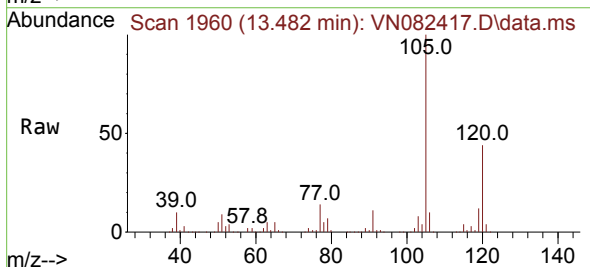
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC

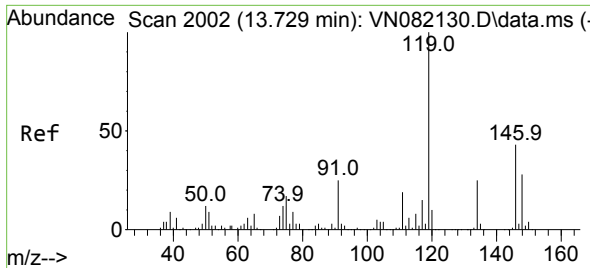
Tgt Ion:105 Resp: 538467
Ion Ratio Lower Upper
105 100
120 42.4 22.9 68.7



#85
sec-Butylbenzene
Concen: 50.702 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.135 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion:105 Resp: 538467
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

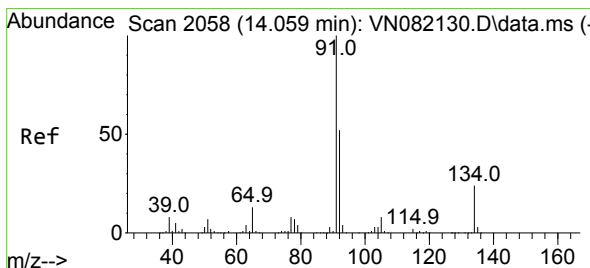
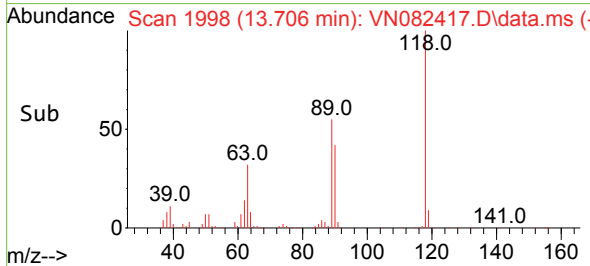
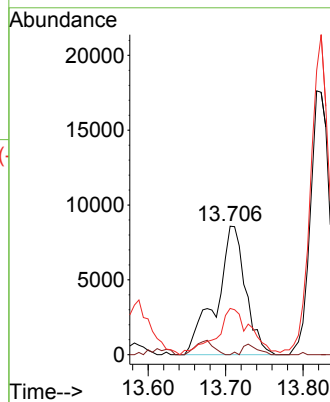
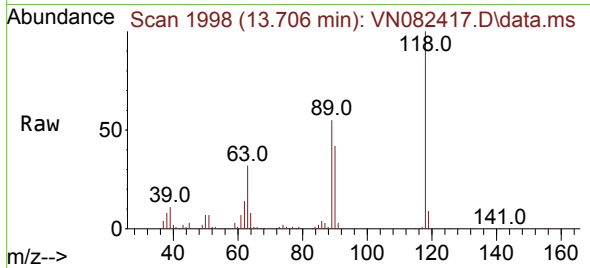




#86
p-Isopropyltoluene
Concen: 2.604 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.024 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

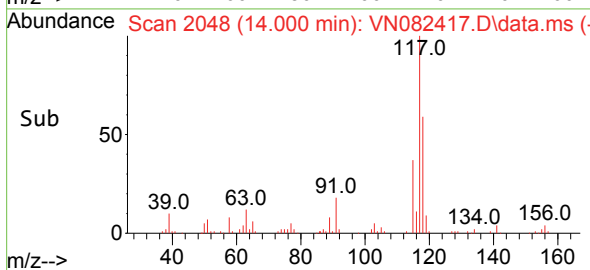
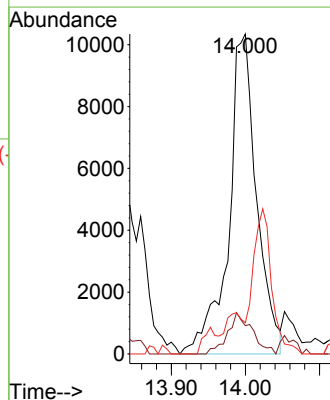
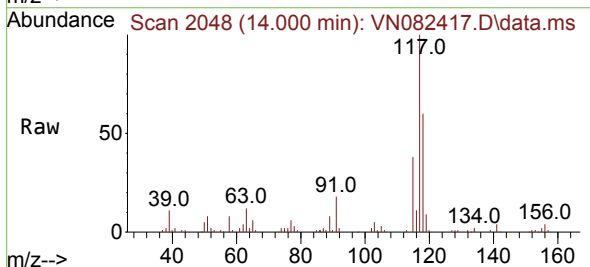
Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC

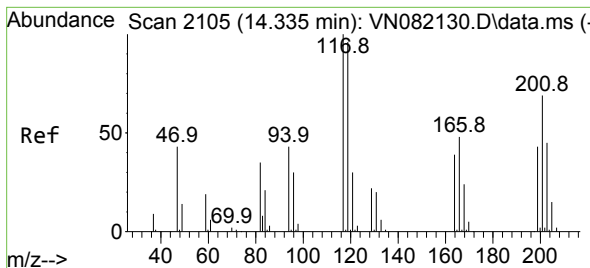
Tgt Ion:119 Resp: 22477
Ion Ratio Lower Upper
119 100
134 0.0 13.2 39.5#
91 42.1 11.8 35.3#



#89
n-Butylbenzene
Concen: 3.485 ug/l
RT: 14.000 min Scan# 2048
Delta R.T. -0.059 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Tgt Ion: 91 Resp: 27037
Ion Ratio Lower Upper
91 100
92 11.3 26.2 78.5#
134 8.1 13.2 39.5#





#90

Hexachloroethane

Concen: 7.953 ug/l

RT: 14.447 min Scan# 2105

Delta R.T. 0.112 min

Lab File: VN082417.D

Acq: 31 May 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

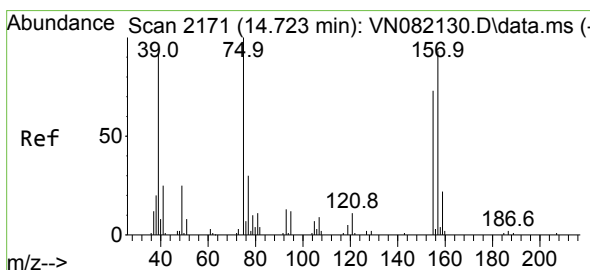
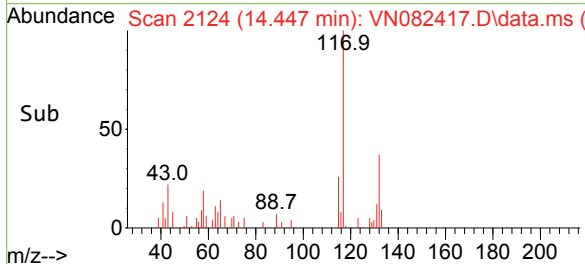
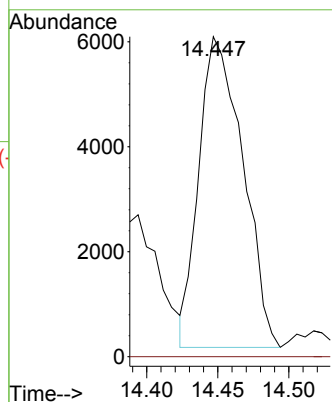
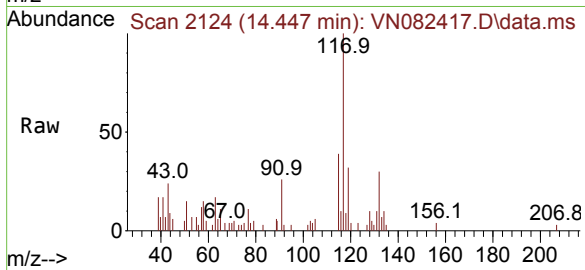
2-AB-VOC

Tgt Ion:117 Resp: 12718

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.030 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN082417.D

Acq: 31 May 2024 18:47

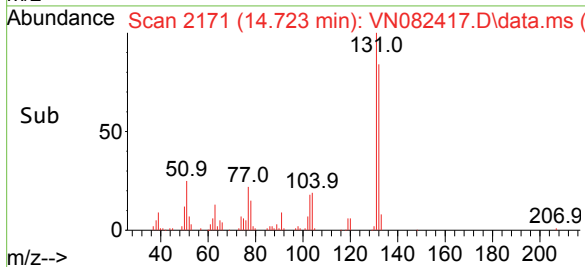
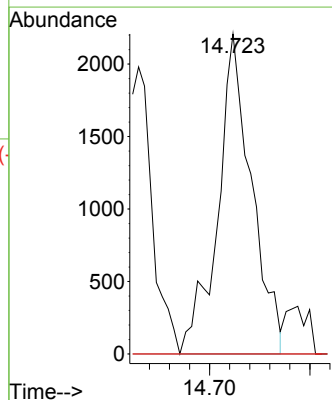
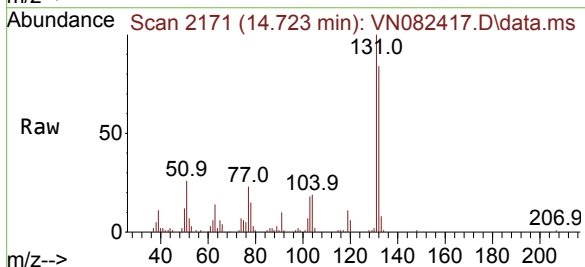
Tgt Ion: 75 Resp: 5151

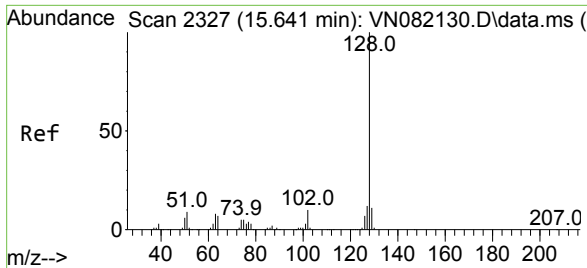
Ion Ratio Lower Upper

75 100

155 0.0 42.6 128.0#

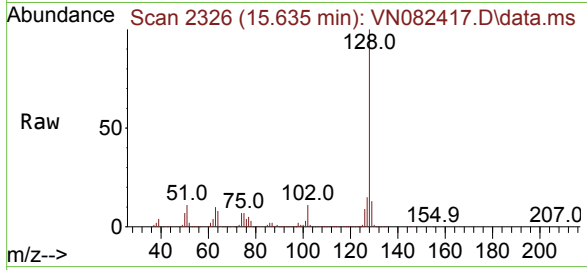
157 0.0 53.0 159.0#





#95
Naphthalene
Concen: 2588.289 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN082417.D
Acq: 31 May 2024 18:47

Instrument :
MSVOA_N
ClientSampleId :
2-AB-VOC



Tgt Ion:128 Resp:20126168
Ion Ratio Lower Upper
128 100
127 16.4 10.1 15.1#
129 13.6 8.9 13.3#

