

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082418.D
 Acq On : 31 May 2024 19:11
 Operator : JC\MD
 Sample : P2657-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3-AB-VOC

Quant Time: May 31 23:02:55 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	8.229	168	165408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	300139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	298200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141508	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138107	52.877	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.760%	
35) Dibromofluoromethane	8.165	113	98474	53.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.680%	
50) Toluene-d8	10.571	98	392144	55.398	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.800%	
62) 4-Bromofluorobenzene	12.853	95	144179	57.066	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 114.140%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	5.512	59	483	1.152	ug/l #	71
13) Acrolein	4.194	56	82	0.264	ug/l #	1
16) Acetone	4.430	43	91501	85.402	ug/l	95
18) Methyl Acetate	5.036	43	3753	1.407	ug/l #	58
20) Methylene Chloride	5.283	84	13091	6.056	ug/l #	84
25) 2-Butanone	7.488	43	14037	8.641	ug/l #	81
29) Tetrahydrofuran	7.853	42	337	0.323	ug/l #	29
31) Cyclohexane	8.218	56	5473	1.312	ug/l #	46
36) 1,1-Dichloropropene	8.224	75	15286	4.936	ug/l #	48
37) Ethyl Acetate	7.565	43	5471	1.579	ug/l #	83
38) Carbon Tetrachloride	8.224	117	16931	5.394	ug/l #	16
40) Benzene	8.606	78	267950	29.018	ug/l	99
42) 1,2-Dichloroethane	8.682	62	1442	0.406	ug/l #	73
43) Isopropyl Acetate	8.688	43	330210	53.776	ug/l #	71
45) 1,2-Dichloropropane	9.747	63	1921	0.806	ug/l #	45
48) Methyl methacrylate	9.665	41	5372	1.836	ug/l #	36
49) 1,4-Dioxane	9.676	88	86	2.098	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	20478	5.870	ug/l #	74
52) Toluene	10.629	92	208949	37.707	ug/l	98
53) t-1,3-Dichloropropene	10.735	75	1031	0.302	ug/l #	81
54) cis-1,3-Dichloropropene	10.359	75	57036	15.778	ug/l #	75
55) 1,1,2-Trichloroethane	10.888	97	716	0.356	ug/l #	14
56) Ethyl methacrylate	10.988	69	1353	0.396	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	6785	1.802	ug/l #	42
59) 2-Hexanone	11.170	43	158251	61.949	ug/l #	23
67) Ethyl Benzene	11.965	91	57726	4.898	ug/l	96
68) m/p-Xylenes	12.065	106	159210	36.862	ug/l	93
69) o-Xylene	12.400	106	157670	37.686	ug/l	92
70) Styrene	12.412	104	48288	6.949	ug/l #	49
73) Isopropylbenzene	12.700	105	5223	0.465	ug/l	98
74) N-amyl acetate	12.459	43	3873	0.626	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	83703	28.103	ug/l #	1
78) n-propylbenzene	13.035	91	8120	0.610	ug/l	98
79) 2-Chlorotoluene	13.094	91	6772	0.810	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.176	105	82041	9.025	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	83703	65.732	ug/l #	13

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ClientSampleId :
3-AB-VOC

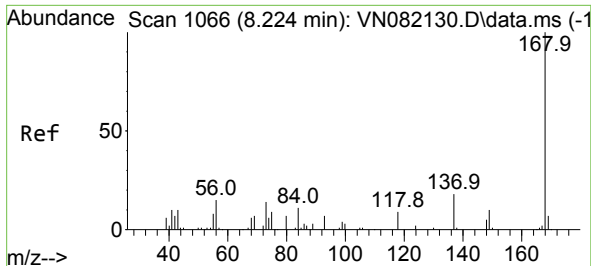
Quant Time: May 31 23:02:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	13.176	91	10120	1.238	ug/l #	40
83) tert-Butylbenzene	13.482	119	22509	2.830	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.488	105	184074	19.793	ug/l	95
85) sec-Butylbenzene	13.488	105	184074	16.699	ug/l #	56
86) p-Isopropyltoluene	13.711	119	5715	0.638	ug/l #	48
89) n-Butylbenzene	14.000	91	7489	0.930	ug/l #	49
90) Hexachloroethane	14.394	117	2011	1.212	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1960	2.944	ug/l #	2
95) Naphthalene	15.641	128	11827329	1465.461	ug/l	98

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

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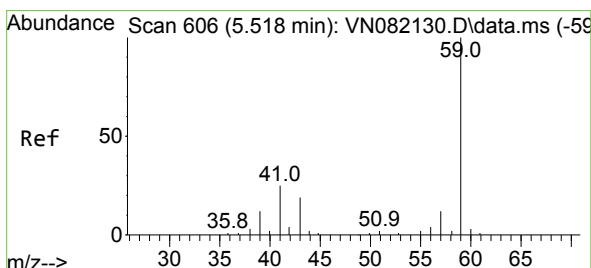
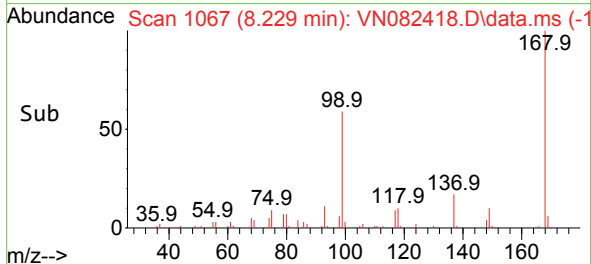
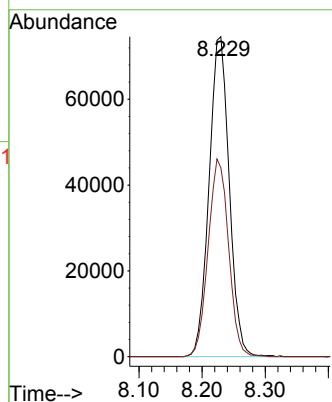
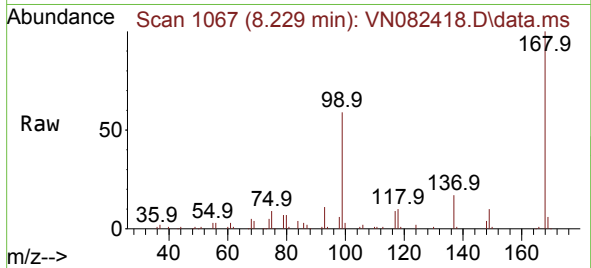




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

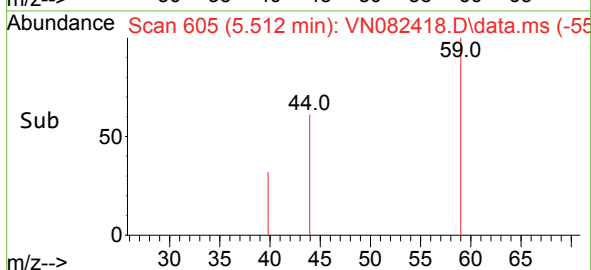
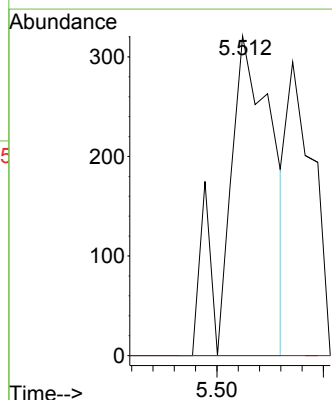
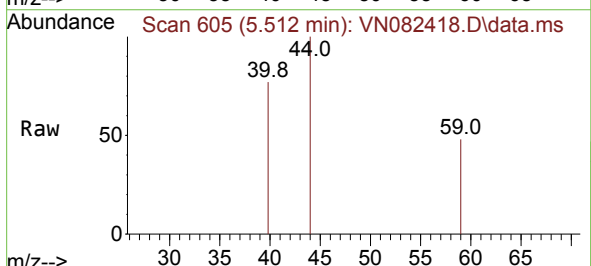
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

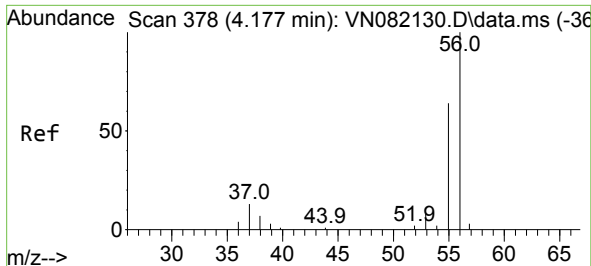
Tgt Ion:168 Resp: 165408
Ion Ratio Lower Upper
168 100
99 59.1 48.2 72.4



#11
Tert butyl alcohol
Concen: 1.152 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

Tgt Ion: 59 Resp: 483
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

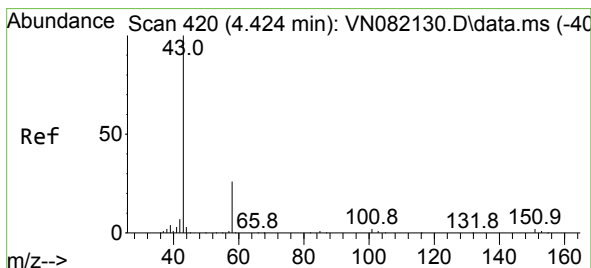
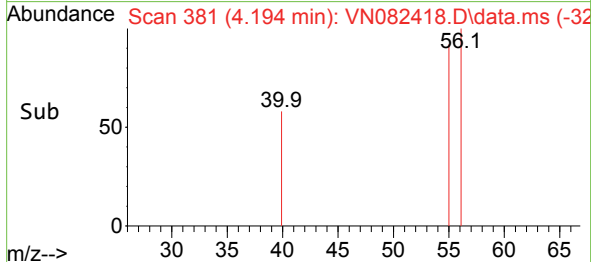
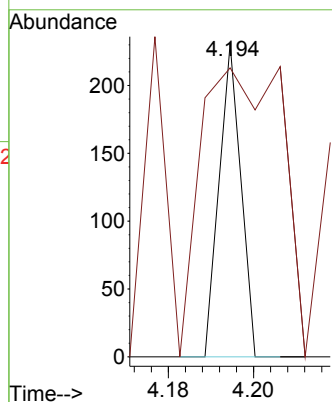
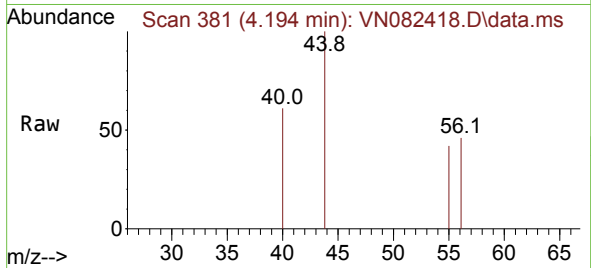




#13
Acrolein
Concen: 0.264 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.017 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

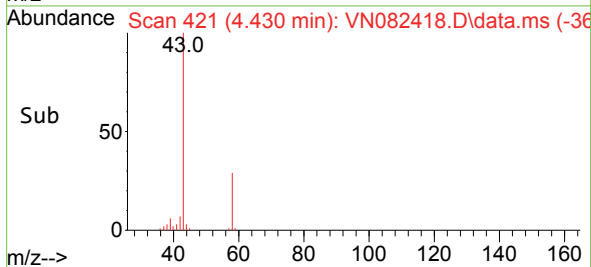
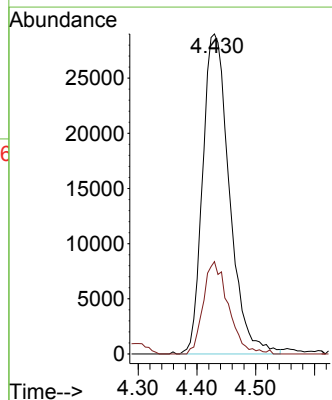
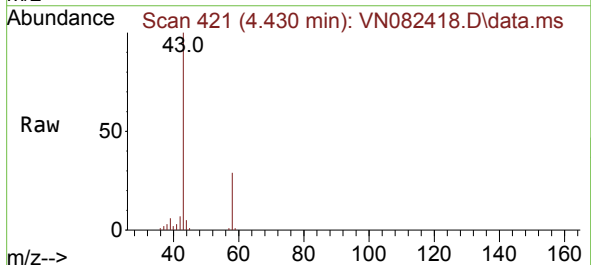
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MSVOA_N
ClientSampleId :
3-AB-VOC

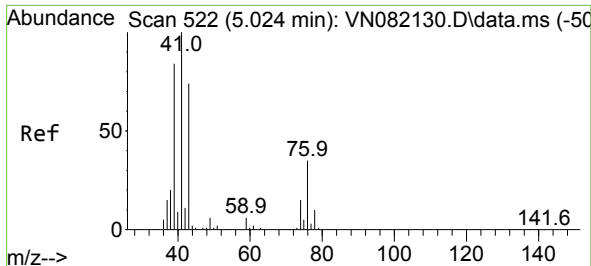
Tgt Ion: 56 Resp: 82
Ion Ratio Lower Upper
56 100
55 412.2 55.8 83.8#



#16
Acetone
Concen: 85.402 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

Tgt Ion: 43 Resp: 91501
Ion Ratio Lower Upper
43 100
58 28.9 25.2 37.8

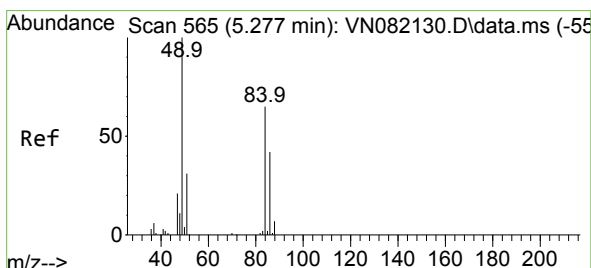
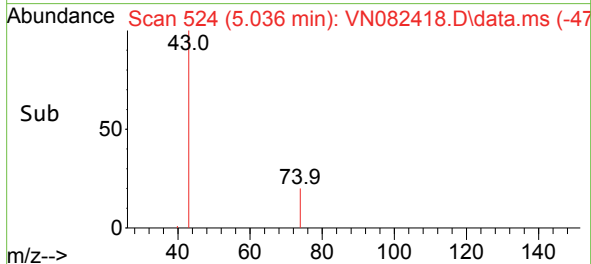
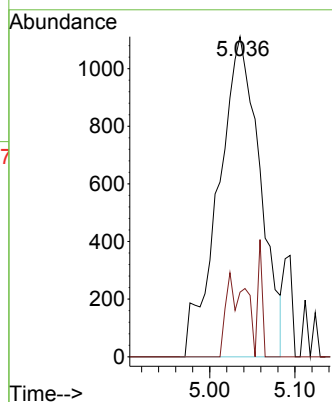
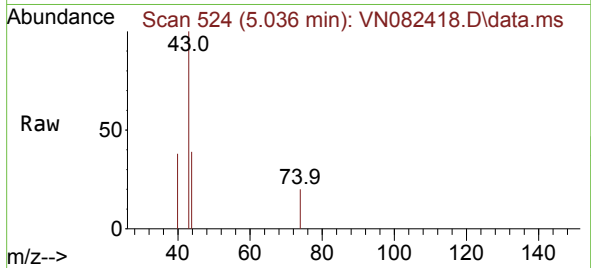




#18
Methyl Acetate
Concen: 1.407 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

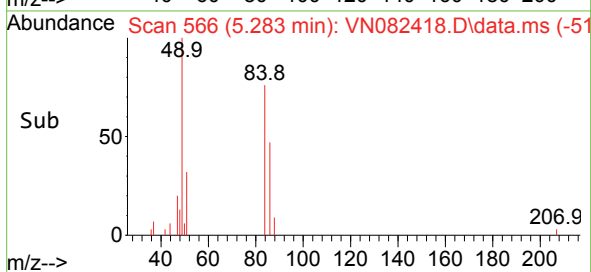
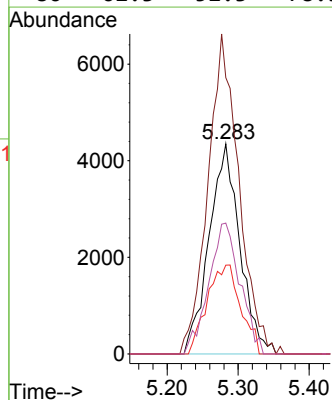
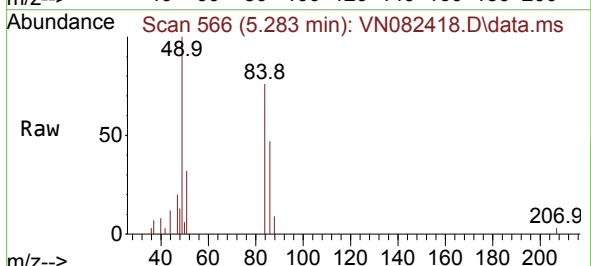
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

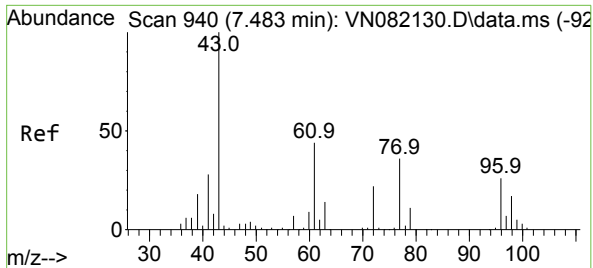
Tgt Ion: 43 Resp: 3753
Ion Ratio Lower Upper
43 100
74 5.8 22.2 33.2#



#20
Methylene Chloride
Concen: 6.056 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

Tgt Ion: 84 Resp: 13091
Ion Ratio Lower Upper
84 100
49 131.5 84.9 127.3#
51 42.2 27.0 40.6#
86 62.3 52.3 78.5

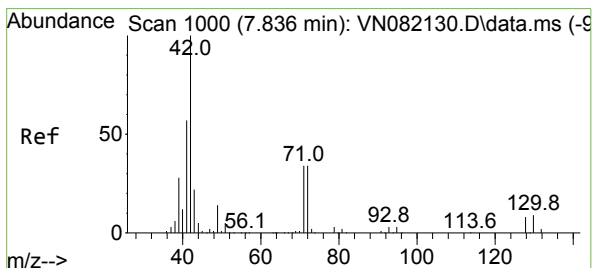
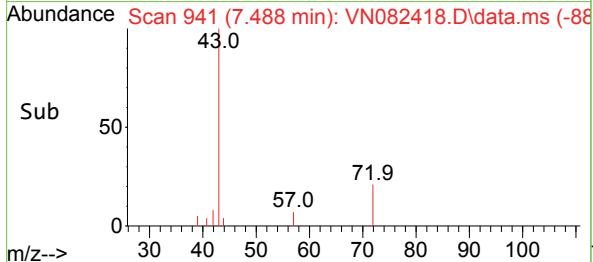
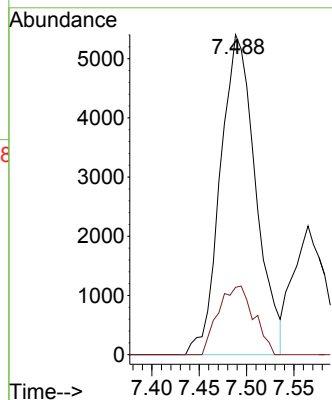
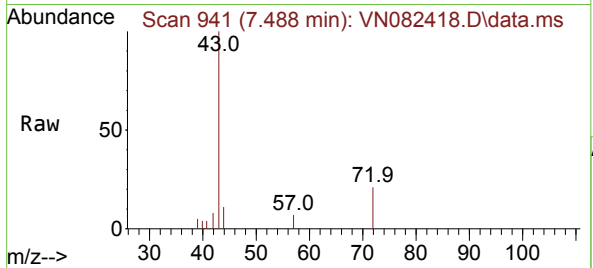




#25
2-Butanone
Concen: 8.641 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

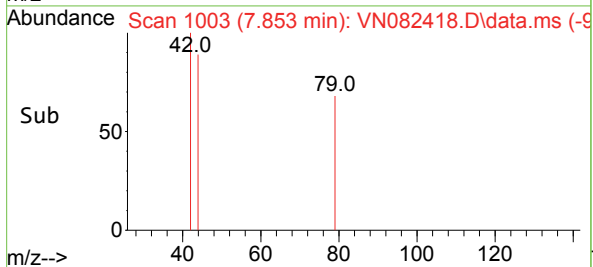
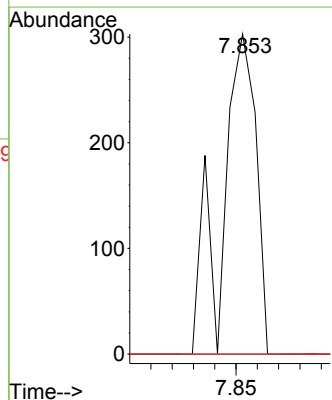
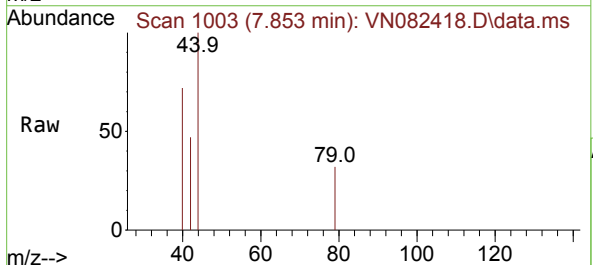
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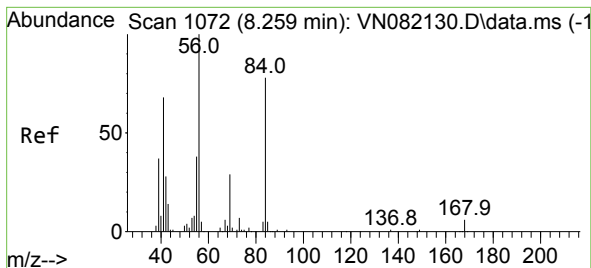
Tgt Ion: 43 Resp: 14037
Ion Ratio Lower Upper
43 100
72 21.1 25.3 37.9#



#29
Tetrahydrofuran
Concen: 0.323 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.017 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

Tgt Ion: 42 Resp: 337
Ion Ratio Lower Upper
42 100
72 0.0 39.3 58.9#
71 0.0 37.4 56.0#





#31

Cyclohexane

Concen: 1.312 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

3-AB-VOC

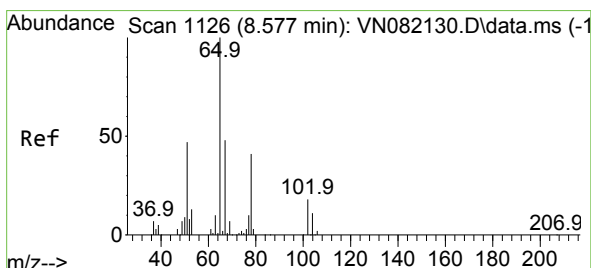
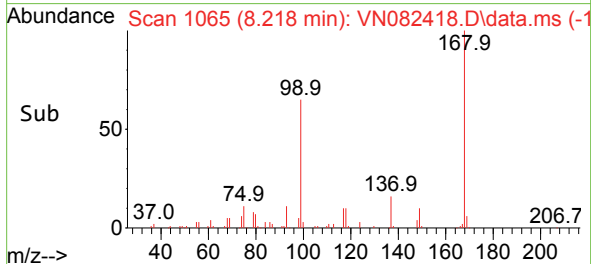
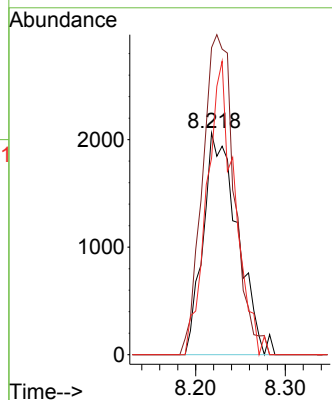
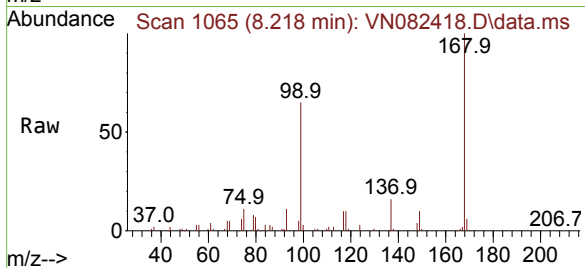
Tgt Ion: 56 Resp: 5473

Ion Ratio Lower Upper

56 100

69 138.4 24.4 36.6#

84 88.6 77.0 115.4



#33

1,2-Dichloroethane-d4

Concen: 52.877 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082418.D

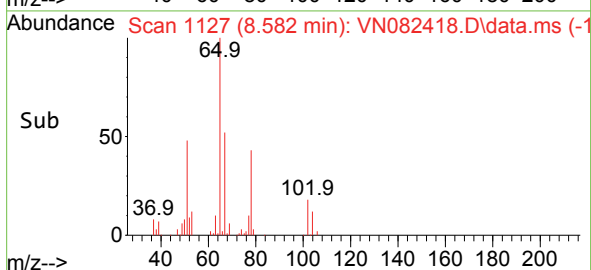
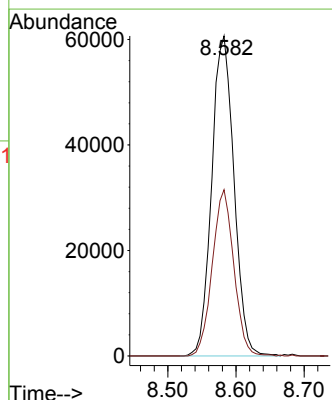
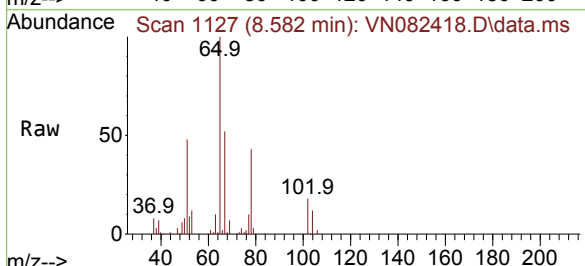
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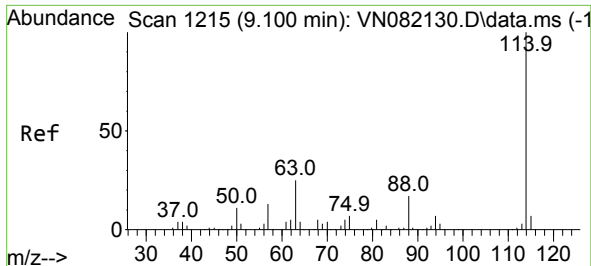
Tgt Ion: 65 Resp: 138107

Ion Ratio Lower Upper

65 100

67 50.2 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: VN082418.D

Acq: 31 May 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

3-AB-VOC

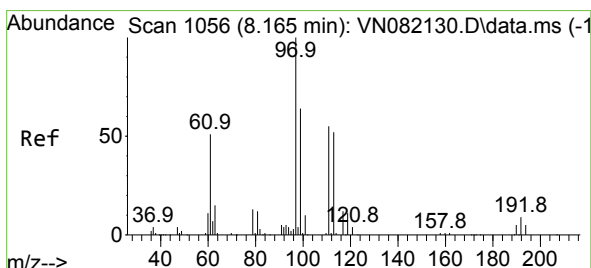
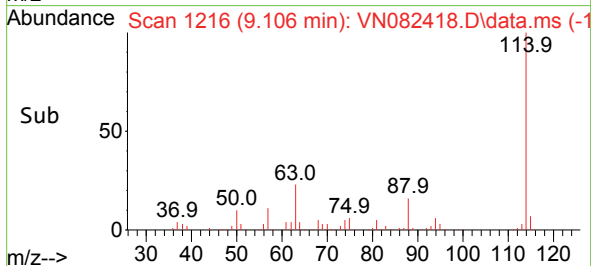
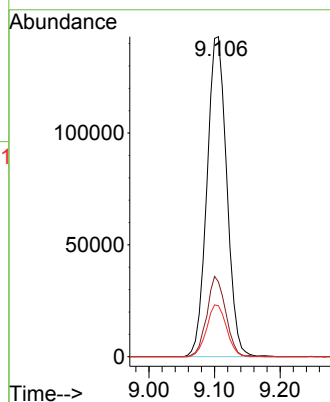
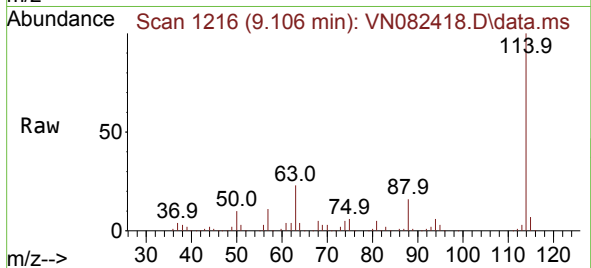
Tgt Ion:114 Resp: 300139

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 15.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.335 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

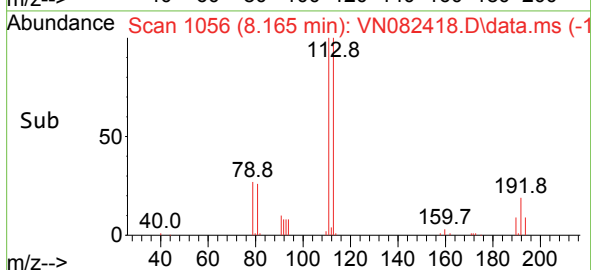
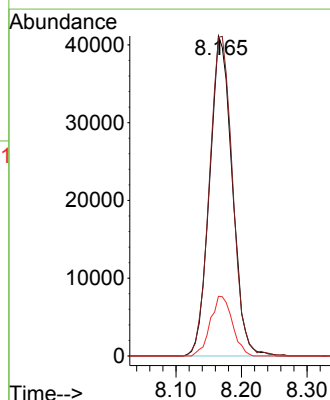
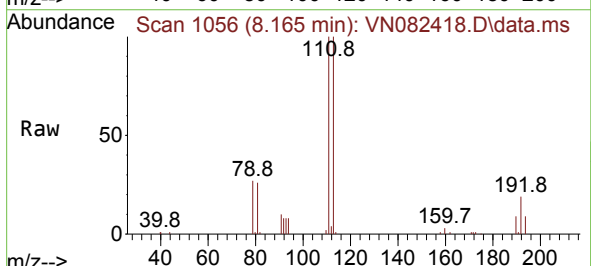
Tgt Ion:113 Resp: 98474

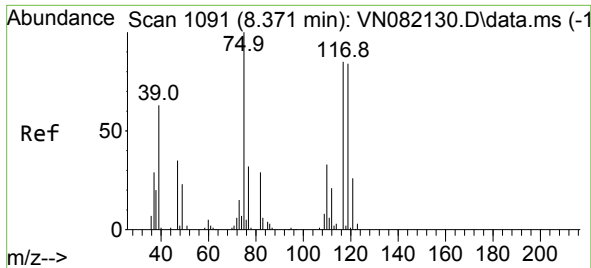
Ion Ratio Lower Upper

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111 102.2 83.4 125.2

192 18.2 14.0 21.0

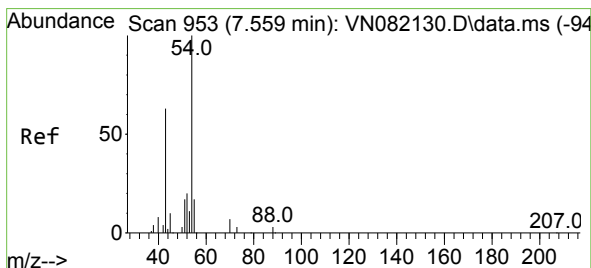
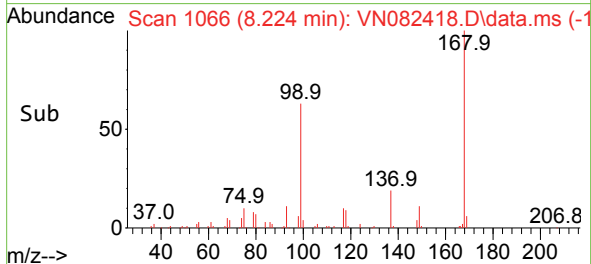
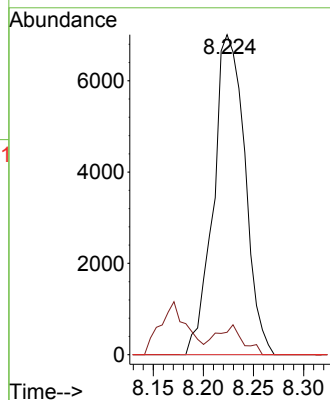
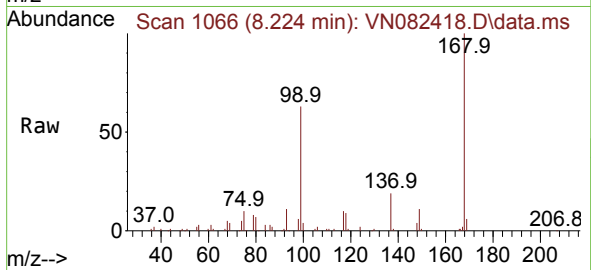




#36
1,1-Dichloropropene
Concen: 4.936 ug/l
RT: 8.224 min Scan# 1091
Delta R.T. -0.147 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

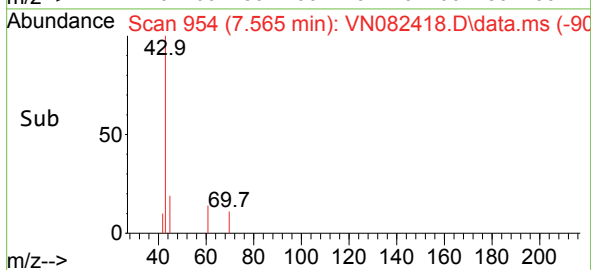
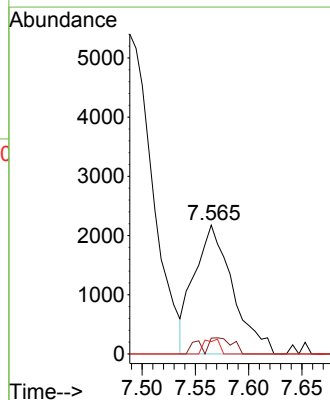
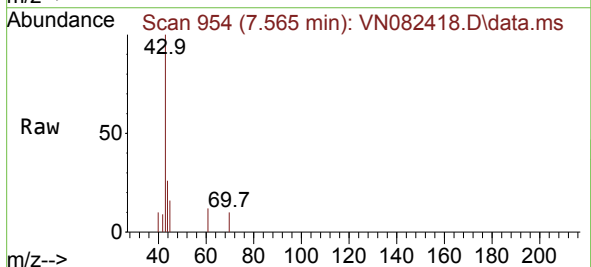
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

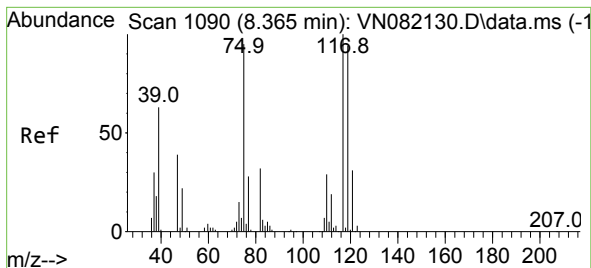
Tgt Ion: 75 Resp: 15286
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.579 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

Tgt Ion: 43 Resp: 5471
Ion Ratio Lower Upper
43 100
61 7.5 11.3 16.9#
70 4.5 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.394 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082418.D

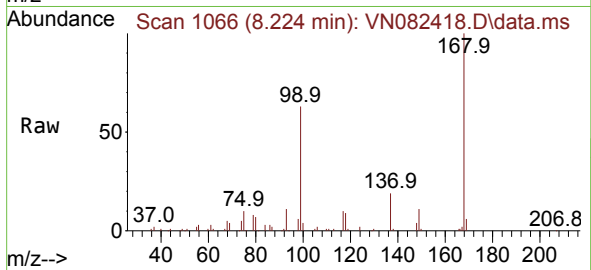
Acq: 31 May 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

3-AB-VOC



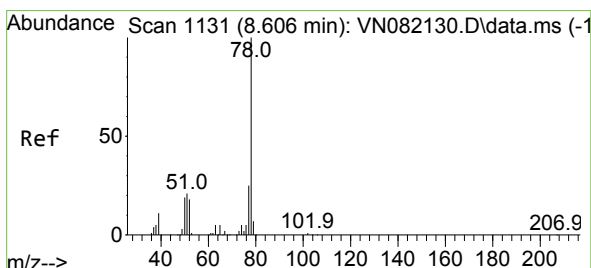
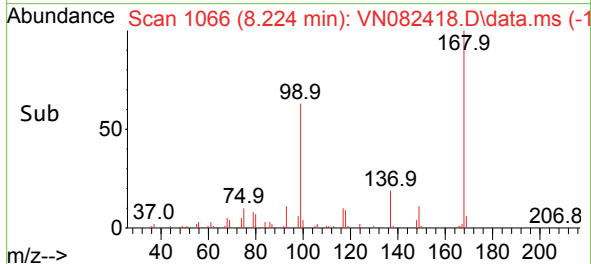
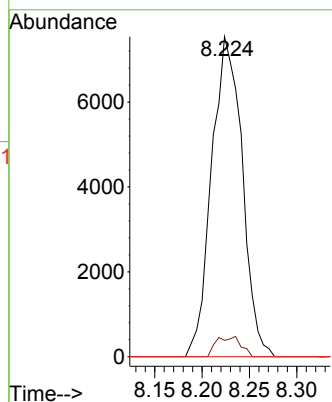
Tgt Ion:117 Resp: 16931

Ion Ratio Lower Upper

117 100

119 5.1 76.5 114.7#

121 0.0 23.9 35.9#



#40

Benzene

Concen: 29.018 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082418.D

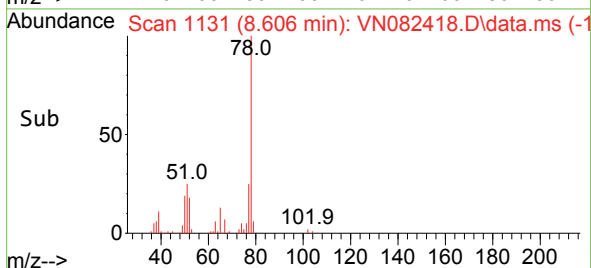
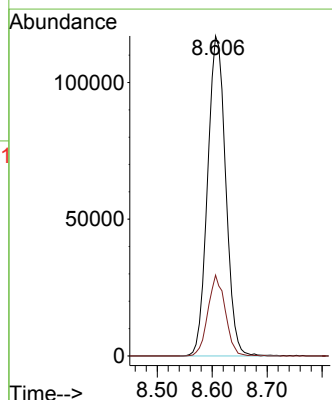
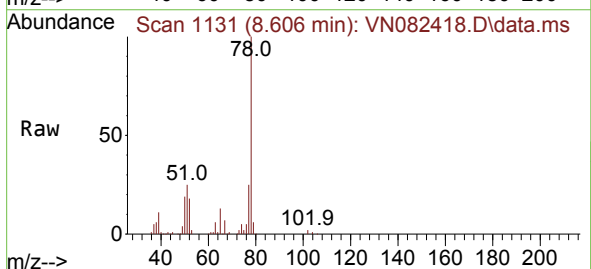
Acq: 31 May 2024 19:11

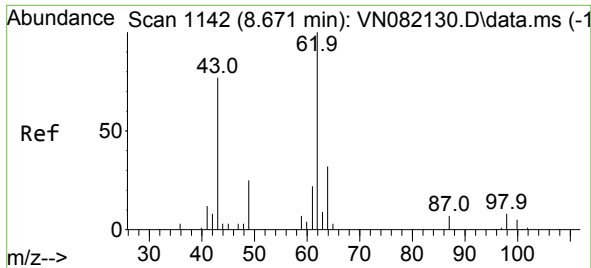
Tgt Ion: 78 Resp: 267950

Ion Ratio Lower Upper

78 100

77 25.3 20.0 30.0





#42

1,2-Dichloroethane

Concen: 0.406 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

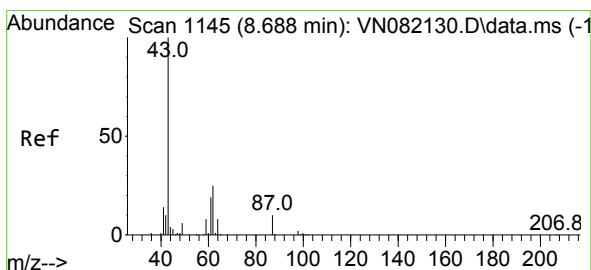
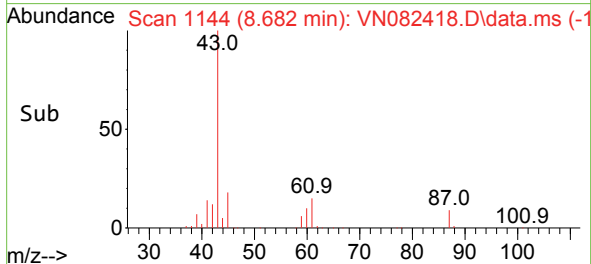
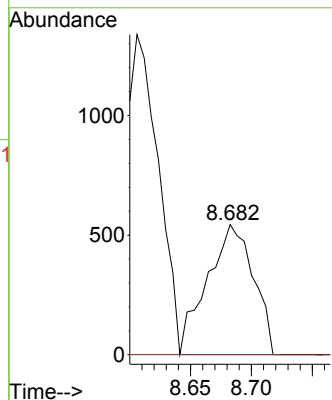
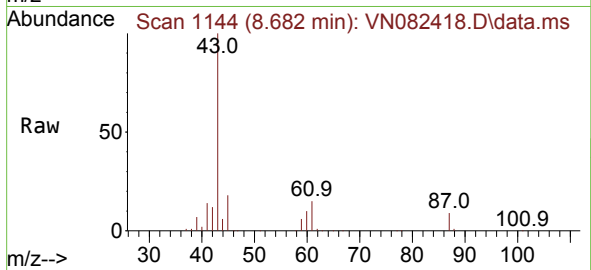
3-AB-VOC

Tgt Ion: 62 Resp: 1442

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.6



#43

Isopropyl Acetate

Concen: 53.776 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

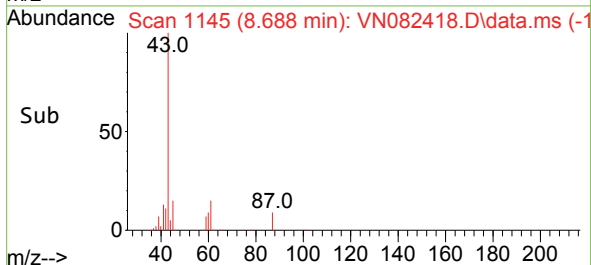
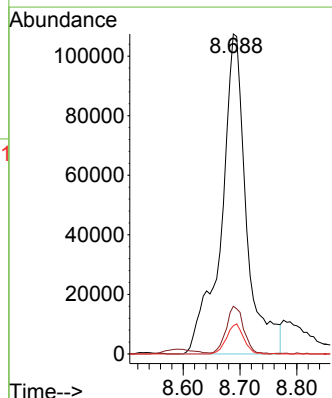
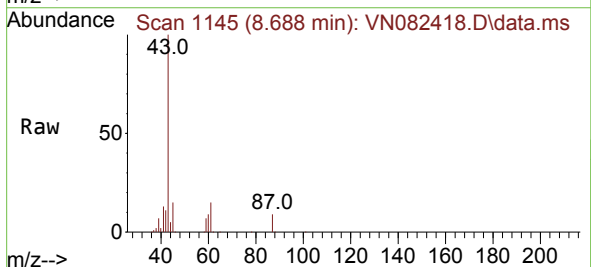
Tgt Ion: 43 Resp: 330210

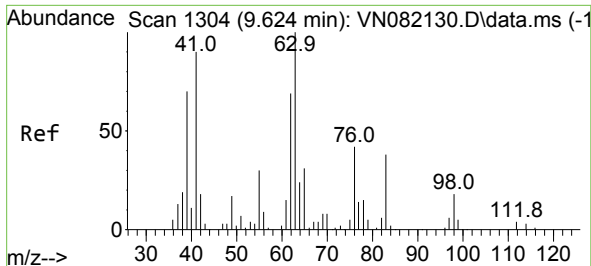
Ion Ratio Lower Upper

43 100

61 10.5 22.8 34.2#

87 6.4 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 0.806 ug/l

RT: 9.747 min Scan# 11

Delta R.T. 0.123 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

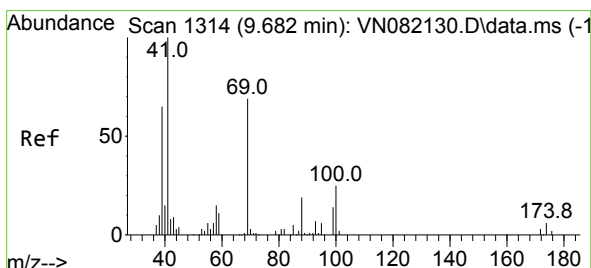
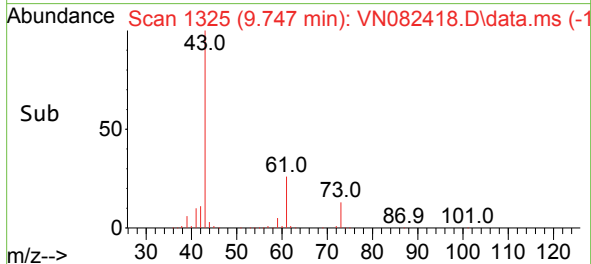
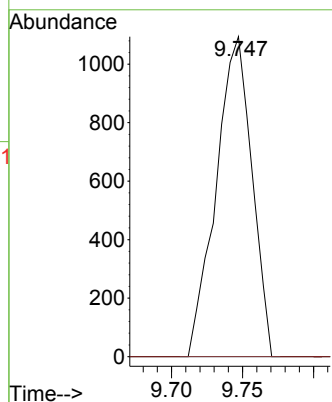
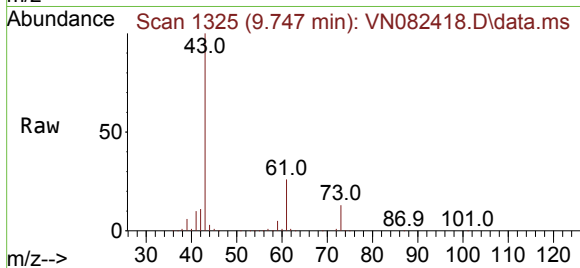
3-AB-VOC

Tgt Ion: 63 Resp: 1921

Ion Ratio Lower Upper

63 100

65 0.0 24.1 36.1#



#48

Methyl methacrylate

Concen: 1.836 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.018 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

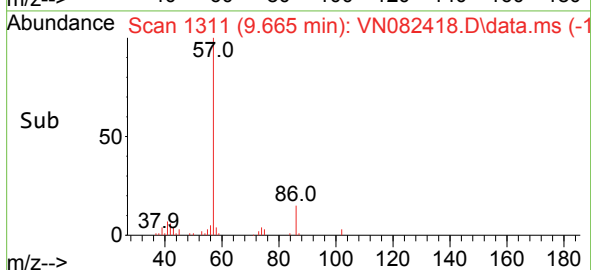
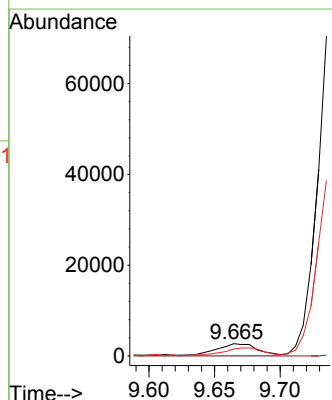
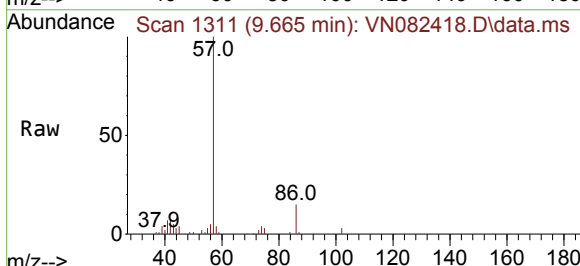
Tgt Ion: 41 Resp: 5372

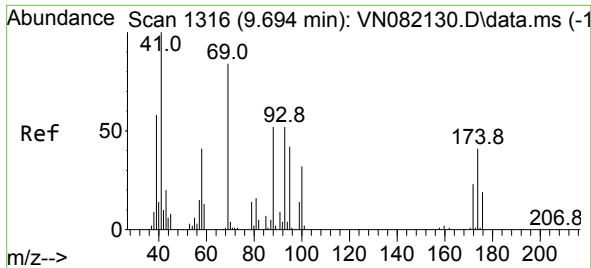
Ion Ratio Lower Upper

41 100

69 0.0 77.9 116.9#

39 72.7 50.9 76.3





#49

1,4-Dioxane

Concen: 2.098 ug/l

RT: 9.676 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

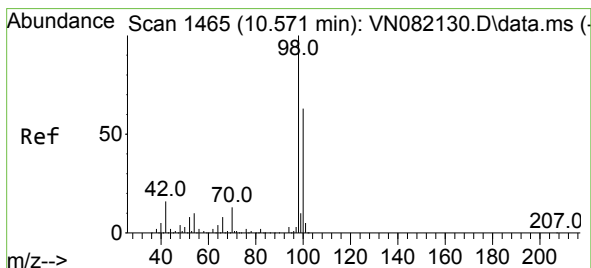
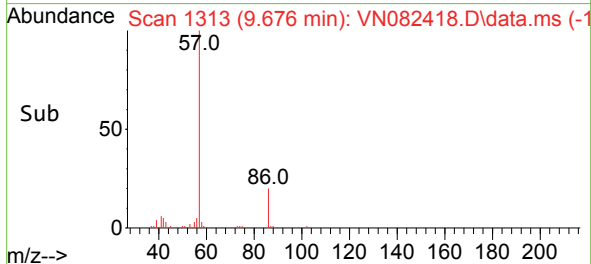
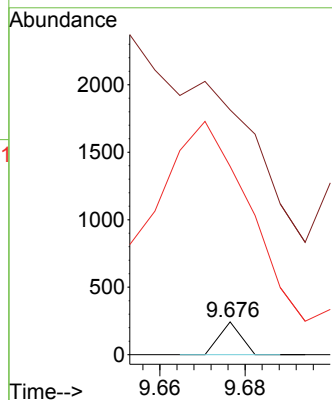
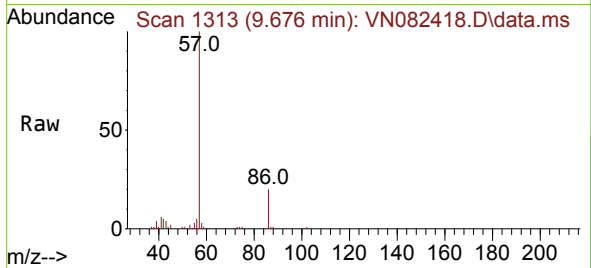
Instrument :

MSVOA_N

ClientSampleId :

3-AB-VOC

Tgt Ion: 88 Resp: 86
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.0 28.6#
 58 3891.9 50.6 76.0#



#50

Toluene-d8

Concen: 55.398 ug/l

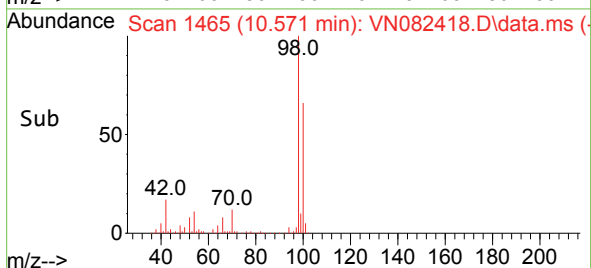
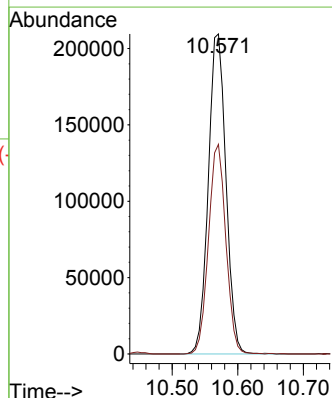
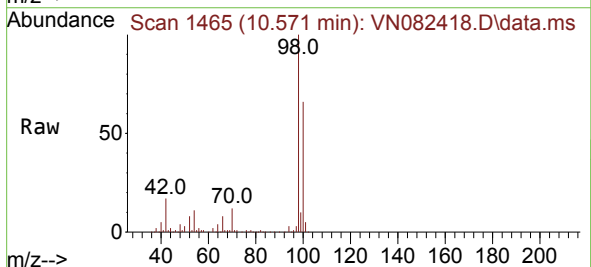
RT: 10.571 min Scan# 1465

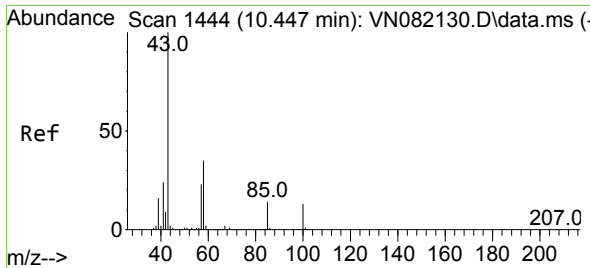
Delta R.T. -0.000 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

Tgt Ion: 98 Resp: 392144
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.8 77.6

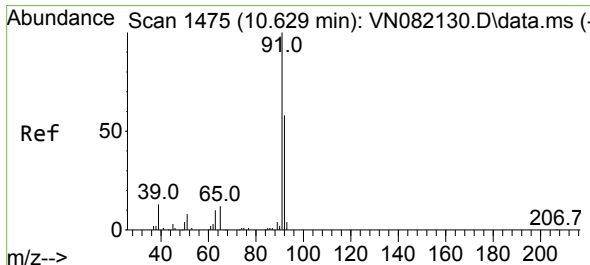
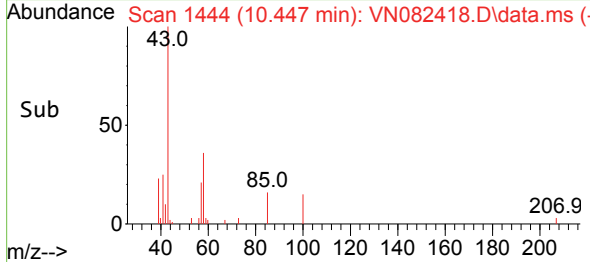
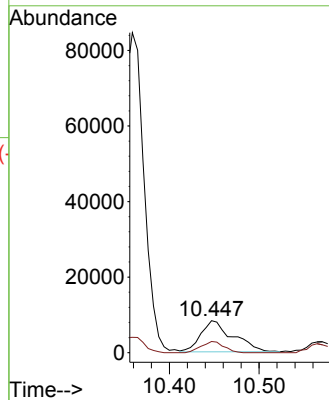
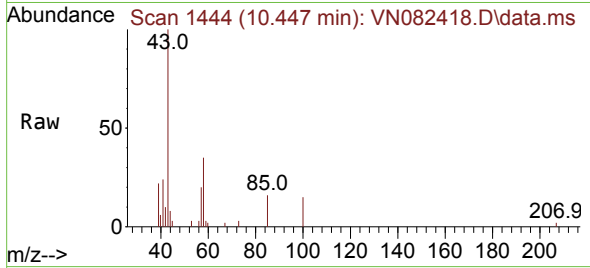




#51
4-Methyl-2-Pentanone
Concen: 5.870 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

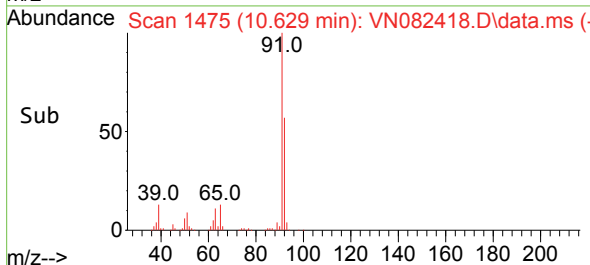
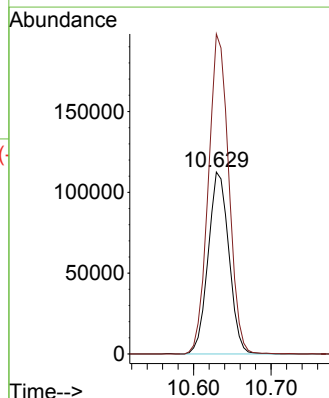
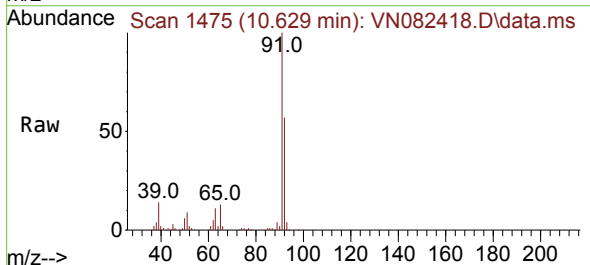
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

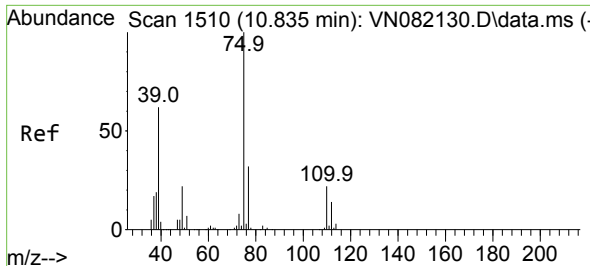
Tgt Ion: 43 Resp: 20478
Ion Ratio Lower Upper
43 100
58 25.5 33.2 49.8#



#52
Toluene
Concen: 37.707 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

Tgt Ion: 92 Resp: 208949
Ion Ratio Lower Upper
92 100
91 173.5 136.7 205.1

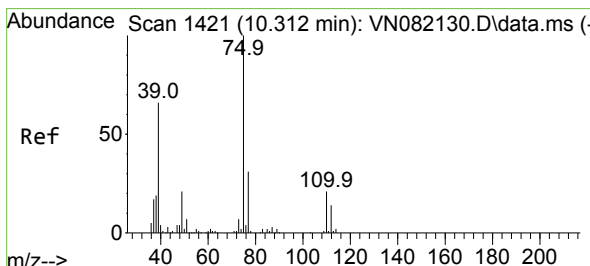
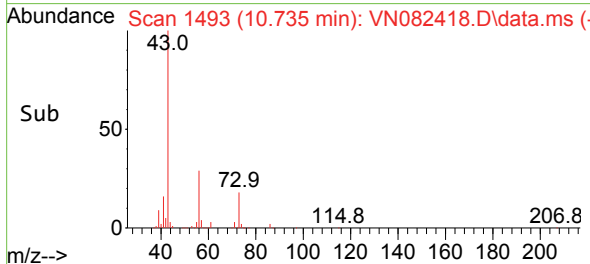
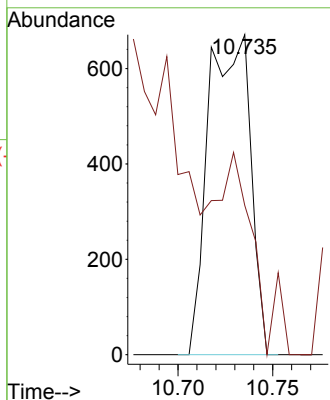
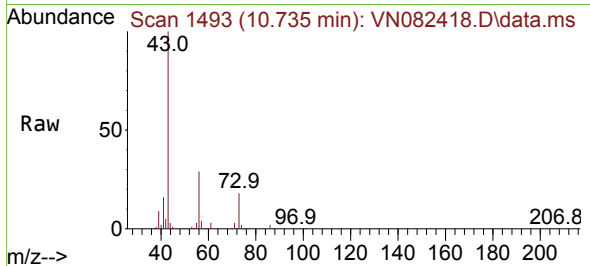




#53
 t-1,3-Dichloropropene
 Concen: 0.302 ug/l
 RT: 10.735 min Scan# 1493
 Delta R.T. -0.100 min
 Lab File: VN082418.D
 Acq: 31 May 2024 19:11

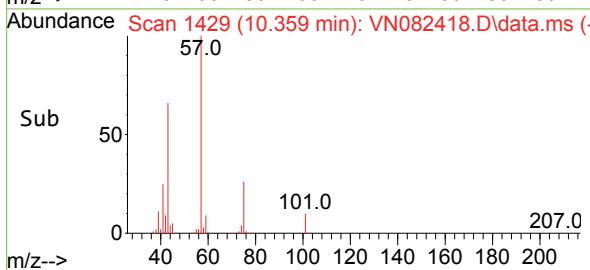
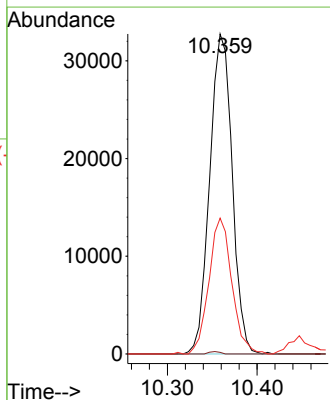
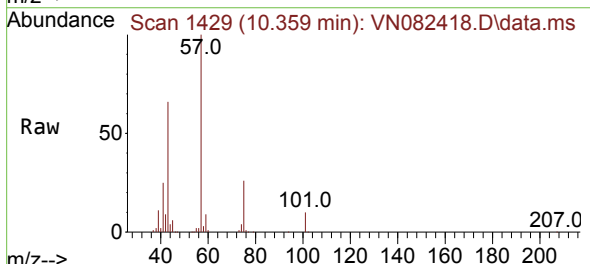
Instrument :
 MSVOA_N
 ClientSampleId :
 3-AB-VOC

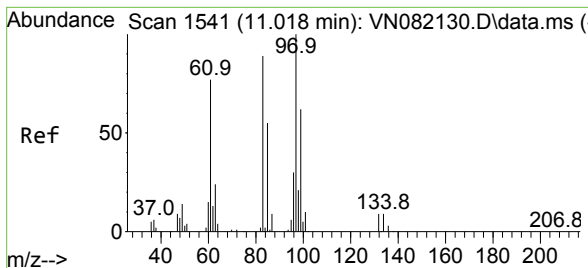
Tgt Ion: 75 Resp: 1031
 Ion Ratio Lower Upper
 75 100
 77 21.0 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 15.778 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN082418.D
 Acq: 31 May 2024 19:11

Tgt Ion: 75 Resp: 57036
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.0 37.4#
 39 42.0 34.8 52.2





#55

1,1,2-Trichloroethane

Concen: 0.356 ug/l

RT: 10.888 min Scan# 1536

Delta R.T. -0.130 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

3-AB-VOC

Tgt Ion: 97 Resp: 716

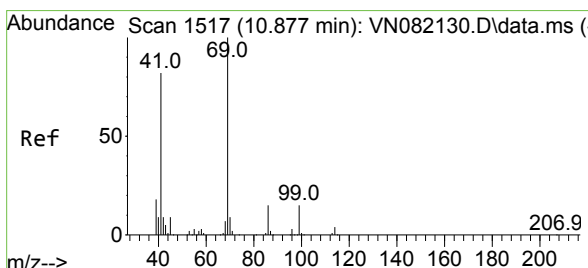
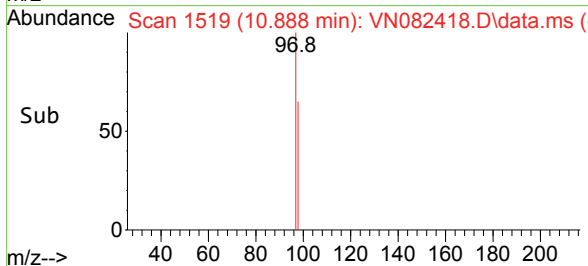
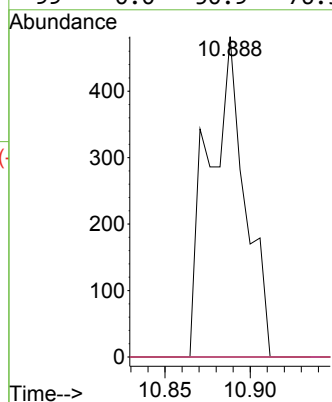
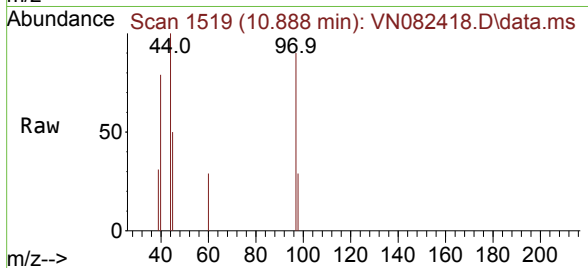
Ion Ratio Lower Upper

97 100

83 0.0 70.4 105.6#

85 0.0 45.6 68.4#

99 0.0 50.9 76.3#



#56

Ethyl methacrylate

Concen: 0.396 ug/l

RT: 10.988 min Scan# 1536

Delta R.T. 0.112 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

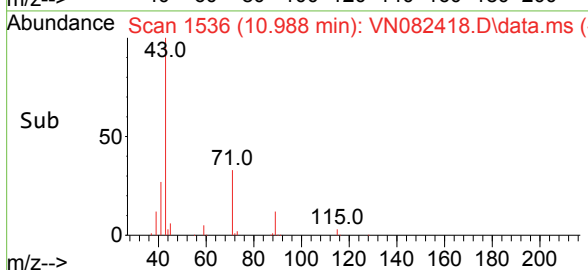
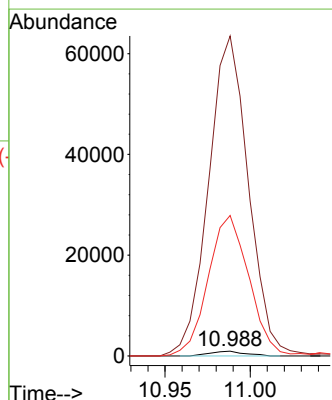
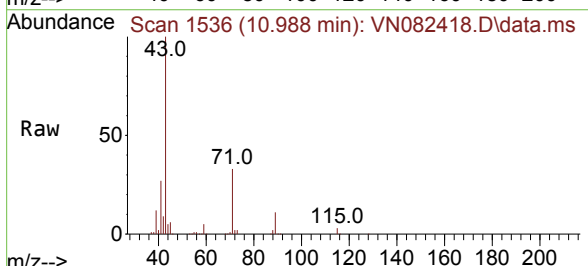
Tgt Ion: 69 Resp: 1353

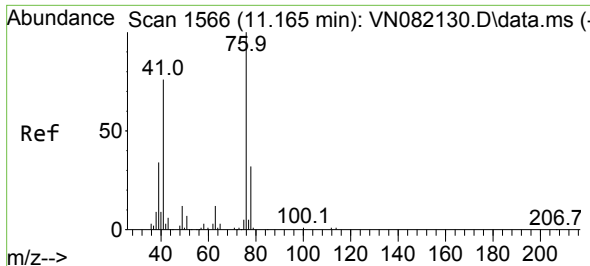
Ion Ratio Lower Upper

69 100

41 7679.2 46.6 70.0#

39 3444.2 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 1.802 ug/l

RT: 11.200 min Scan# 11

Delta R.T. 0.035 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

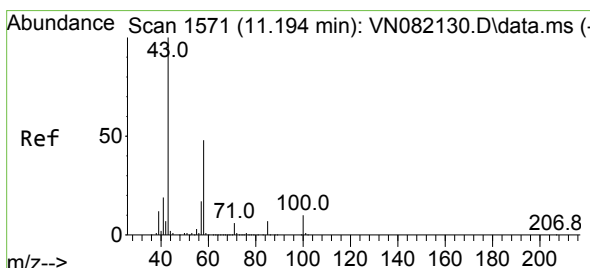
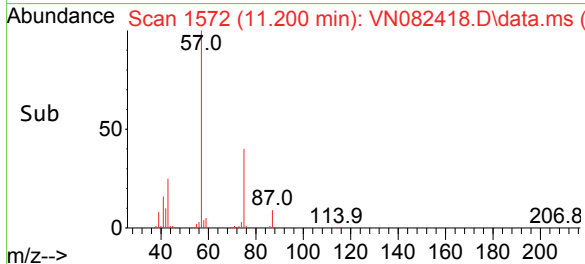
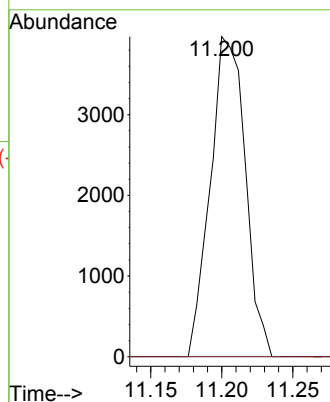
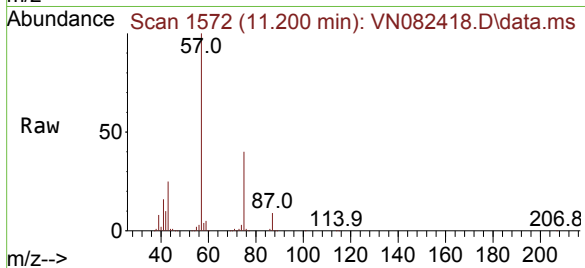
3-AB-VOC

Tgt Ion: 76 Resp: 6785

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 61.949 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.024 min

Lab File: VN082418.D

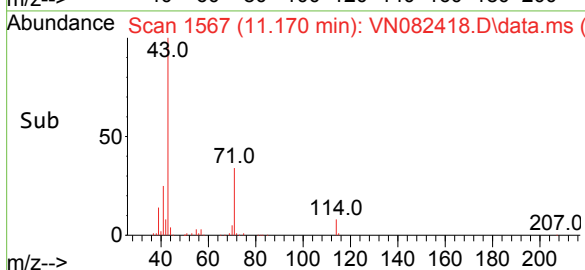
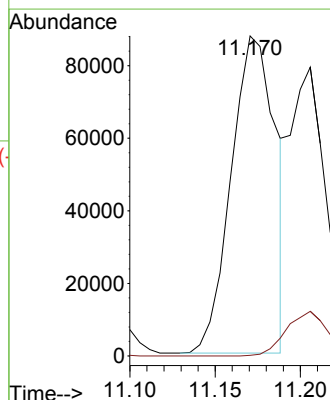
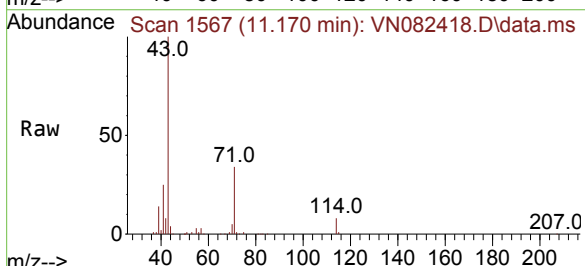
Acq: 31 May 2024 19:11

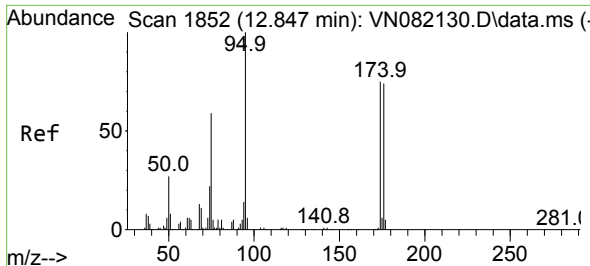
Tgt Ion: 43 Resp: 158251

Ion Ratio Lower Upper

43 100

58 0.0 28.3 84.9#

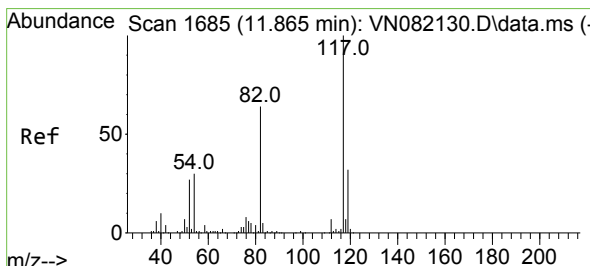
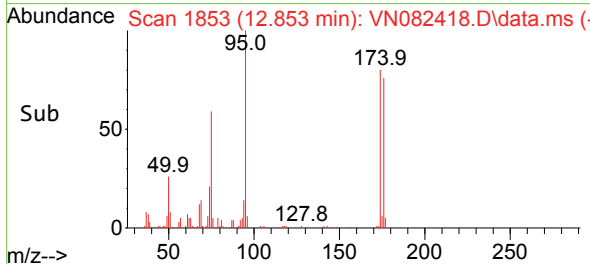
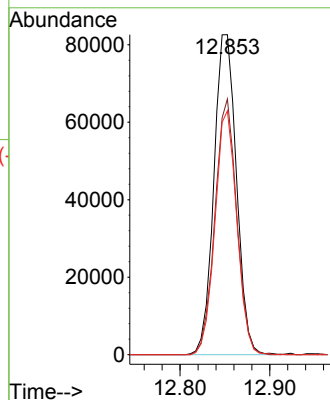
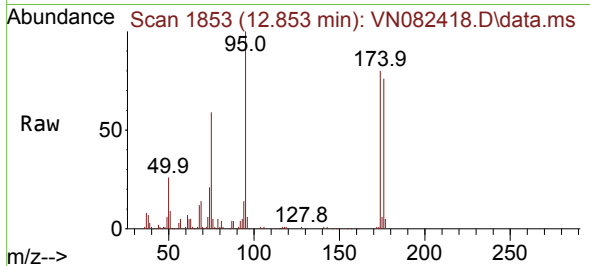




#62
4-Bromofluorobenzene
Concen: 57.066 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

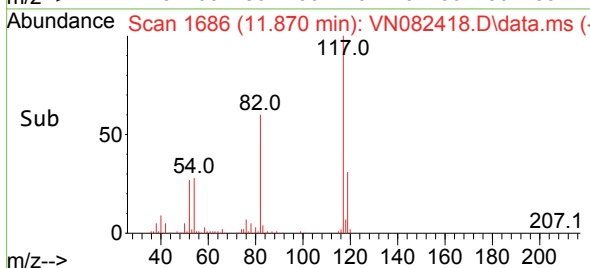
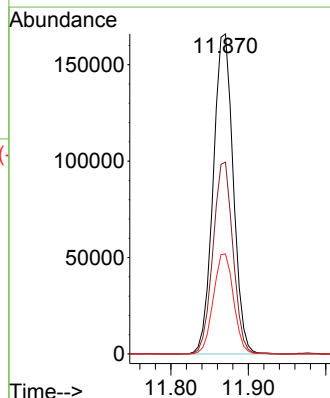
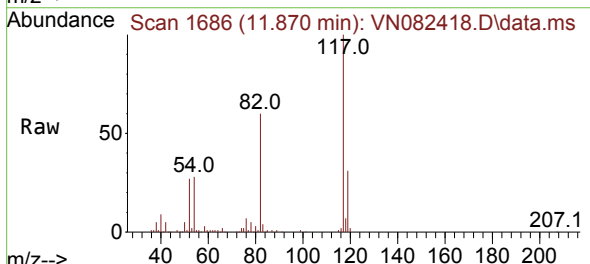
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

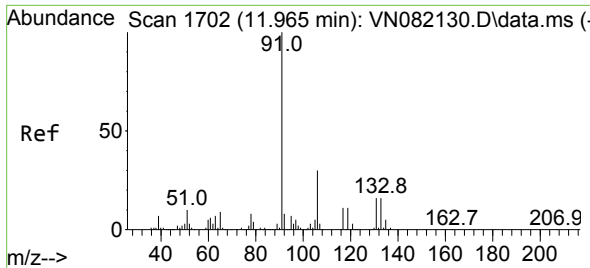
Tgt Ion: 95 Resp: 144179
Ion Ratio Lower Upper
95 100
174 77.2 0.0 160.6
176 73.5 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

Tgt Ion: 117 Resp: 298200
Ion Ratio Lower Upper
117 100
82 59.9 44.6 66.8
119 31.3 25.9 38.9

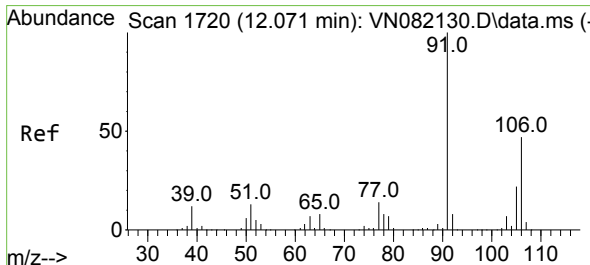
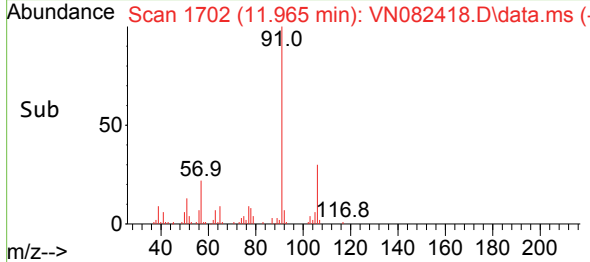
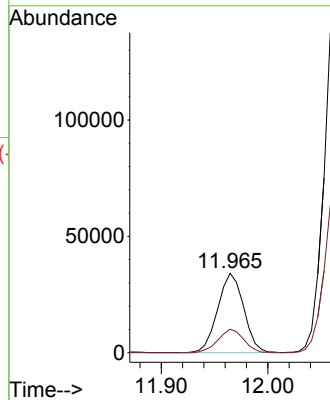
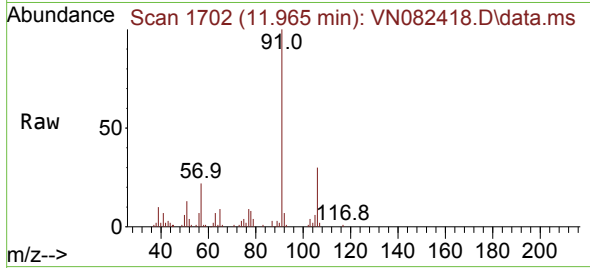




#67
Ethyl Benzene
Concen: 4.898 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

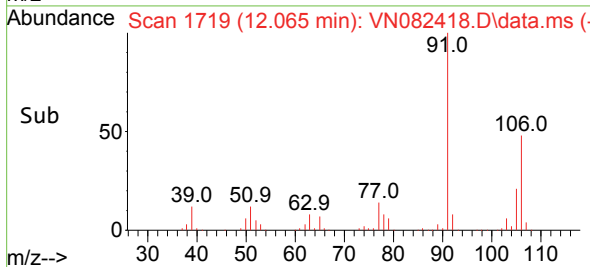
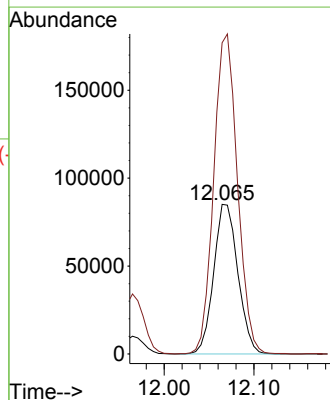
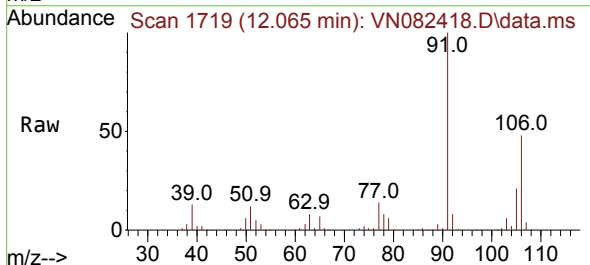
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

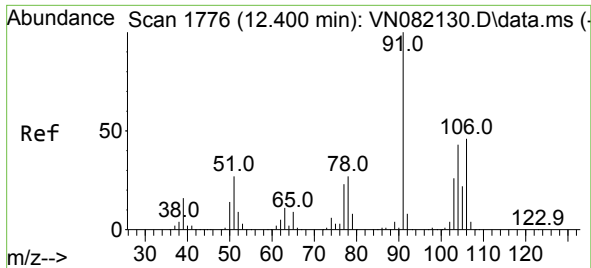
Tgt Ion: 91 Resp: 57726
Ion Ratio Lower Upper
91 100
106 29.7 25.3 37.9



#68
m/p-Xylenes
Concen: 36.862 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

Tgt Ion:106 Resp: 159210
Ion Ratio Lower Upper
106 100
91 209.9 159.4 239.0

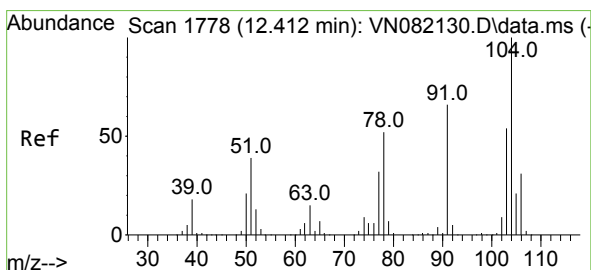
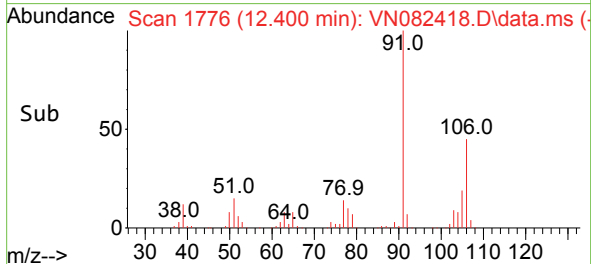
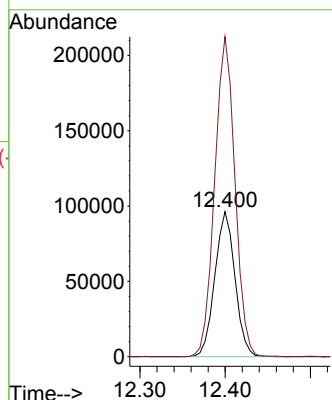
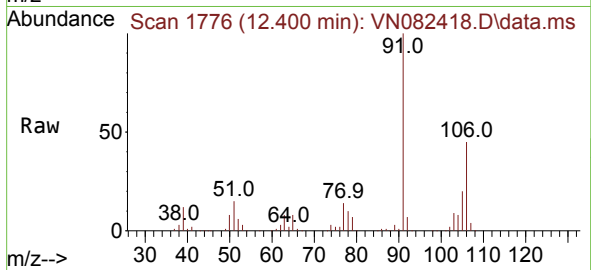




#69
o-Xylene
Concen: 37.686 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

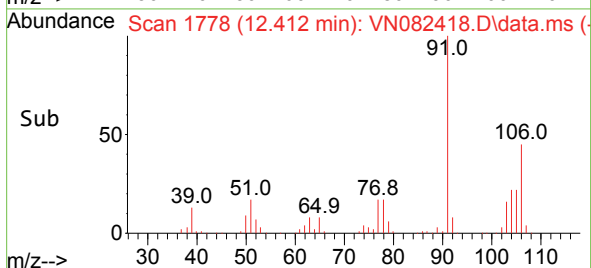
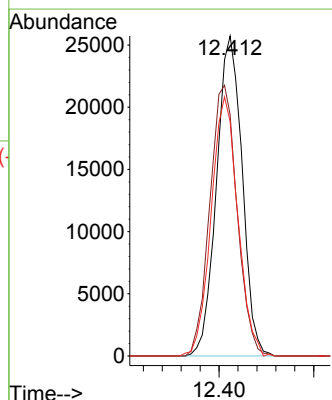
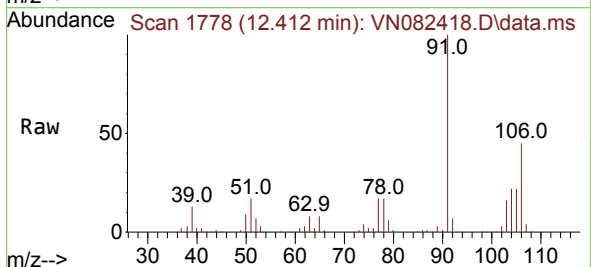
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

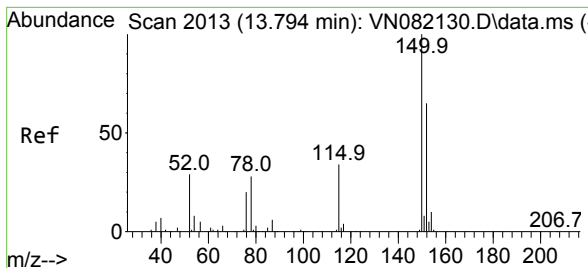
Tgt Ion:106 Resp: 157670
Ion Ratio Lower Upper
106 100
91 222.5 104.7 314.1



#70
Styrene
Concen: 6.949 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

Tgt Ion:104 Resp: 48288
Ion Ratio Lower Upper
104 100
78 90.1 38.6 58.0#
103 84.2 43.8 65.6#

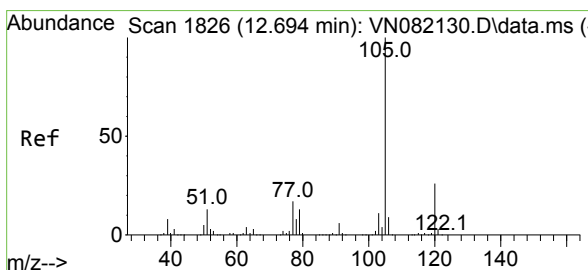
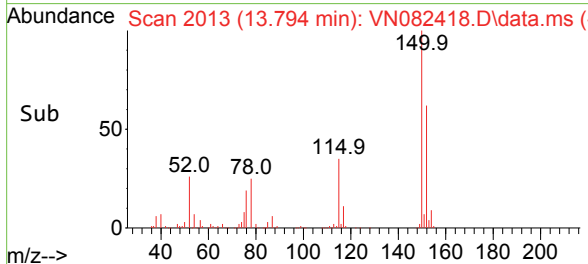
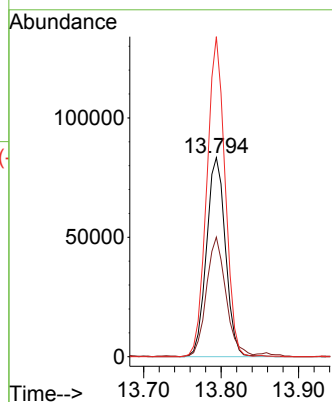
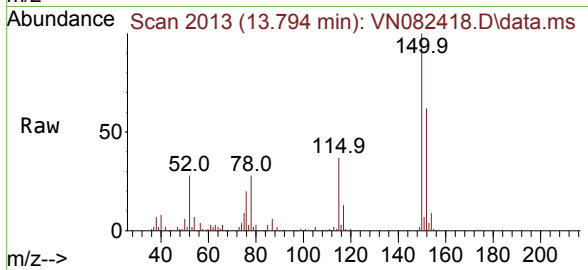




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

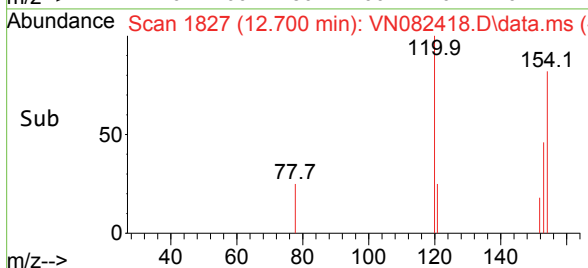
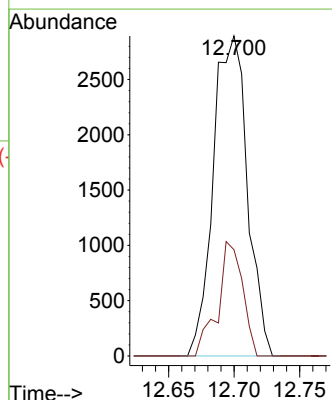
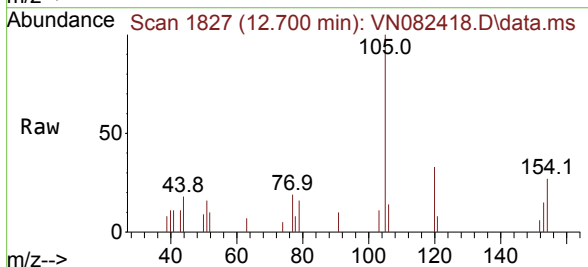
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

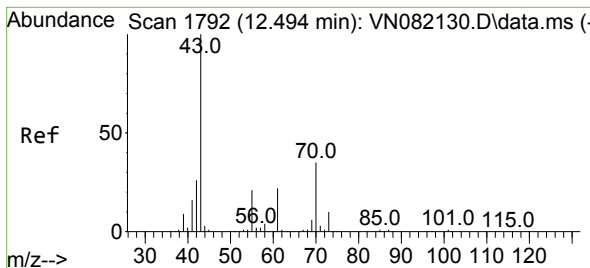
Tgt Ion:152 Resp: 141508
Ion Ratio Lower Upper
152 100
115 62.3 30.4 91.3
150 154.7 0.0 353.2



#73
Isopropylbenzene
Concen: 0.465 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

Tgt Ion:105 Resp: 5223
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1





#74

N-amy1 acetate

Concen: 0.626 ug/l

RT: 12.459 min Scan# 1

Delta R.T. -0.035 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

3-AB-VOC

Tgt Ion: 43 Resp: 3873

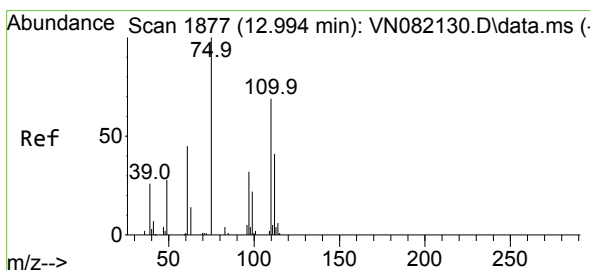
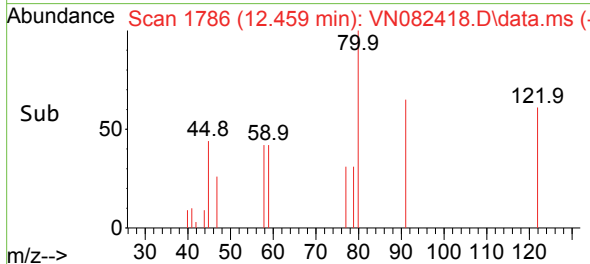
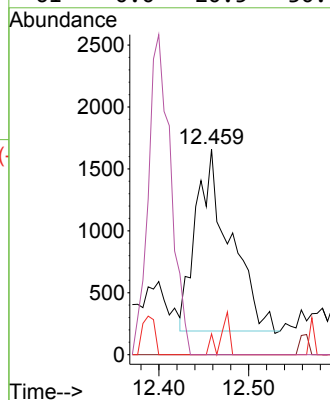
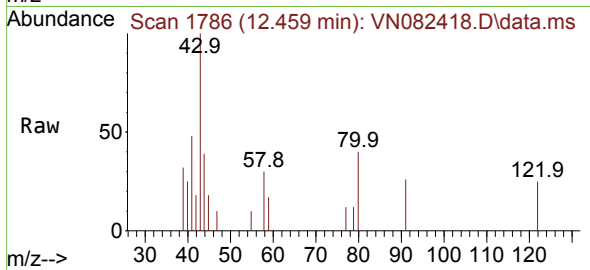
Ion Ratio Lower Upper

43 100

70 0.0 39.0 58.4#

55 6.3 21.3 31.9#

61 0.0 20.5 30.7#



#76

1,2,3-Trichloropropane

Concen: 28.103 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082418.D

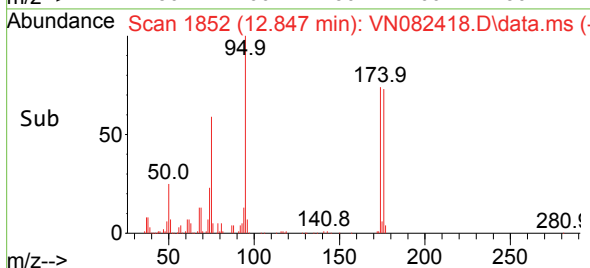
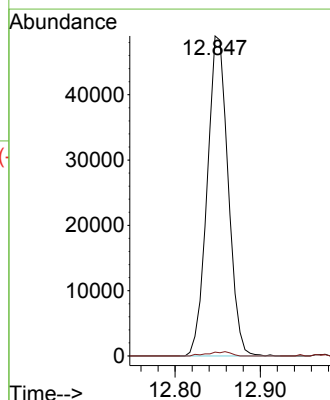
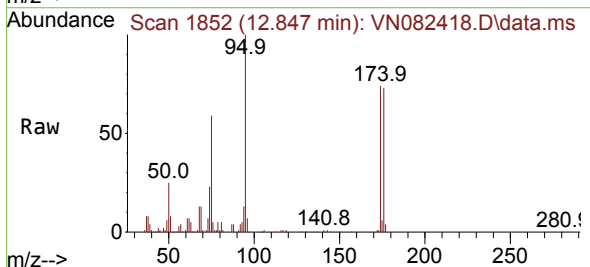
Acq: 31 May 2024 19:11

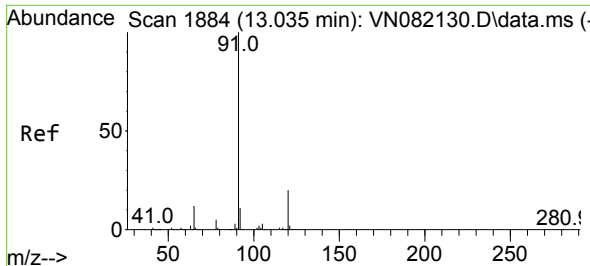
Tgt Ion: 75 Resp: 83703

Ion Ratio Lower Upper

75 100

77 1.4 90.5 271.3#

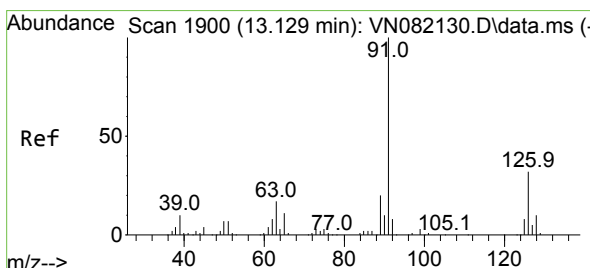
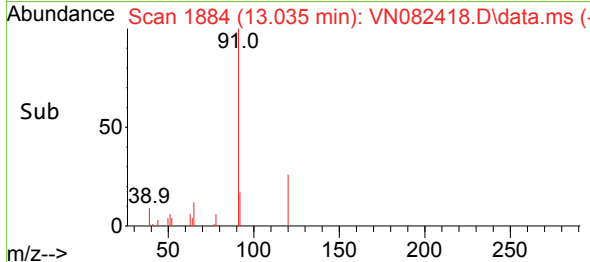
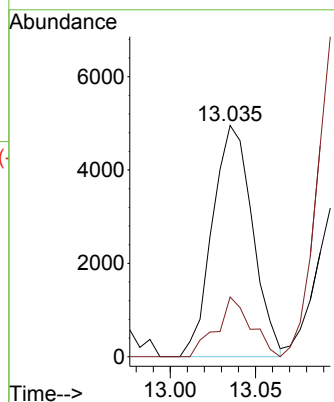
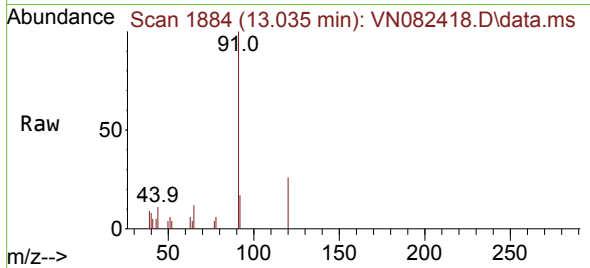




#78
n-propylbenzene
Concen: 0.610 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

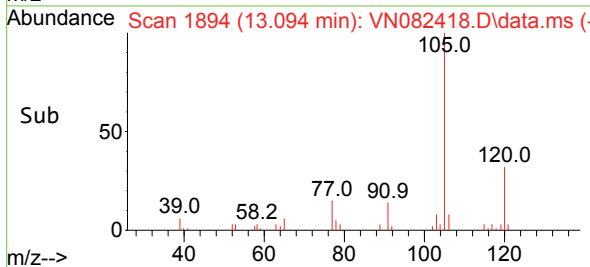
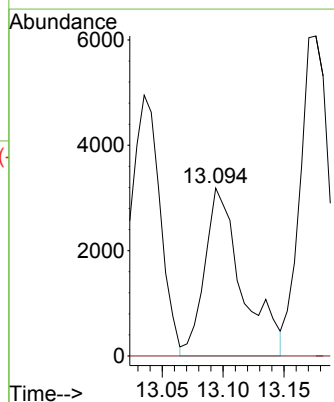
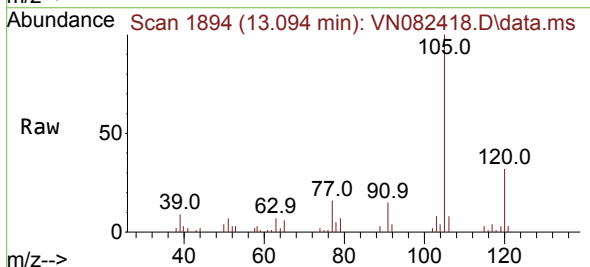
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

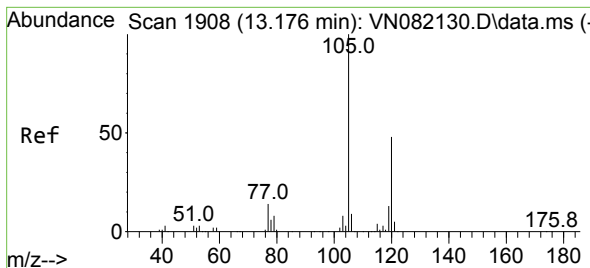
Tgt Ion: 91 Resp: 8120
Ion Ratio Lower Upper
91 100
120 22.1 11.7 35.0



#79
2-Chlorotoluene
Concen: 0.810 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.035 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

Tgt Ion: 91 Resp: 6772
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#





#80

1,3,5-Trimethylbenzene

Concen: 9.025 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

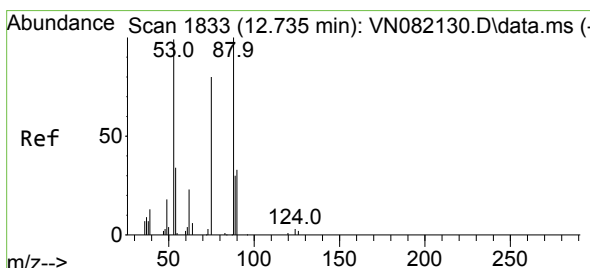
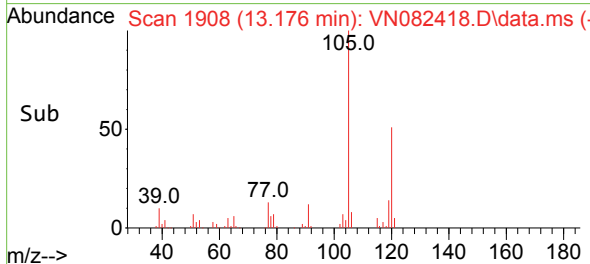
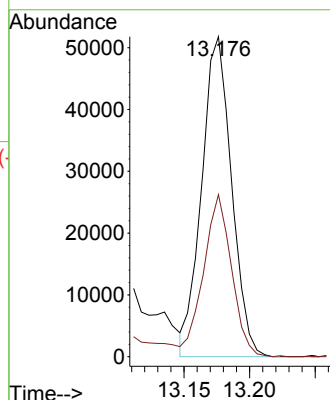
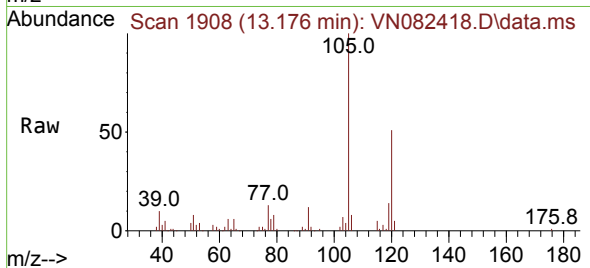
3-AB-VOC

Tgt Ion:105 Resp: 82041

Ion Ratio Lower Upper

105 100

120 47.5 24.8 74.3



#81

trans-1,4-Dichloro-2-butene

Concen: 65.732 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

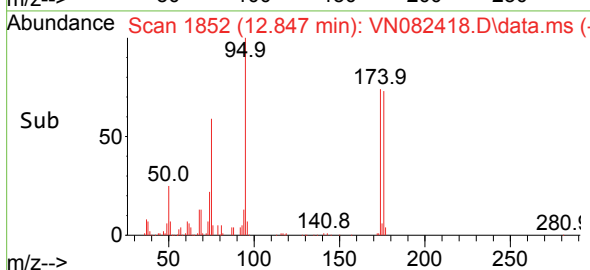
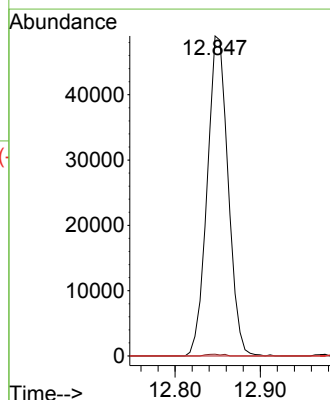
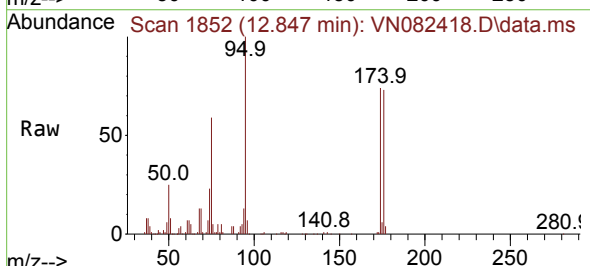
Tgt Ion: 75 Resp: 83703

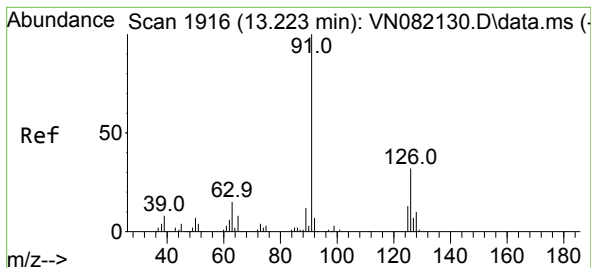
Ion Ratio Lower Upper

75 100

53 0.5 72.9 109.3#

89 0.0 39.1 58.7#





#82

4-Chlorotoluene

Concen: 1.238 ug/l

RT: 13.176 min Scan# 1916

Delta R.T. -0.047 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

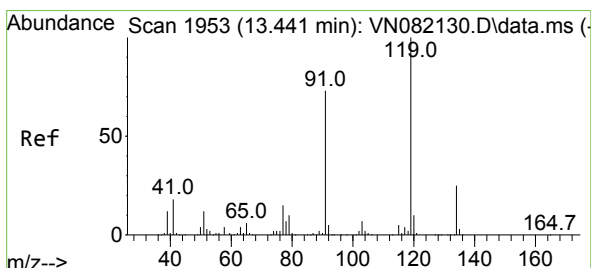
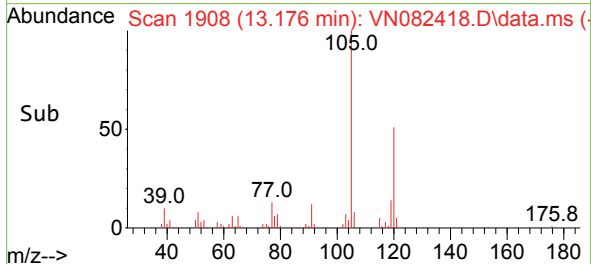
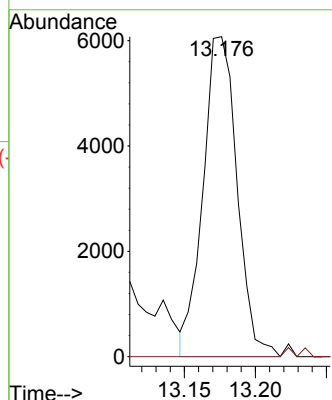
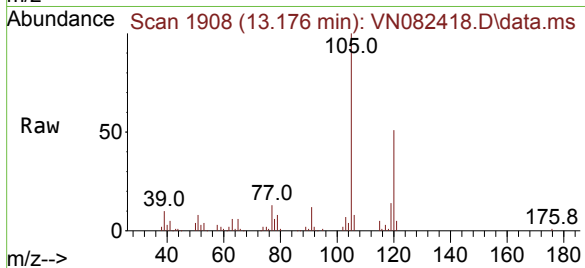
3-AB-VOC

Tgt Ion: 91 Resp: 10120

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#



#83

tert-Butylbenzene

Concen: 2.830 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

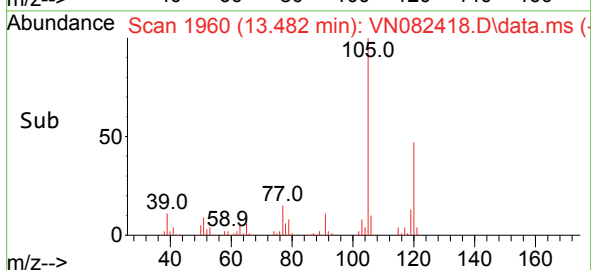
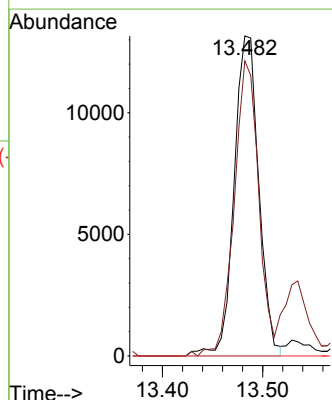
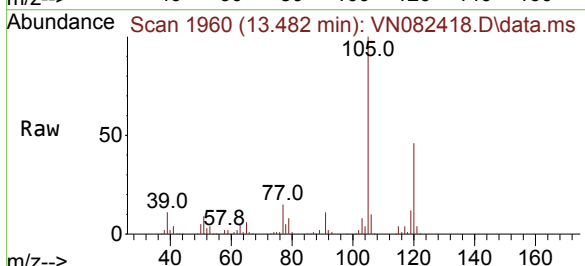
Tgt Ion: 119 Resp: 22509

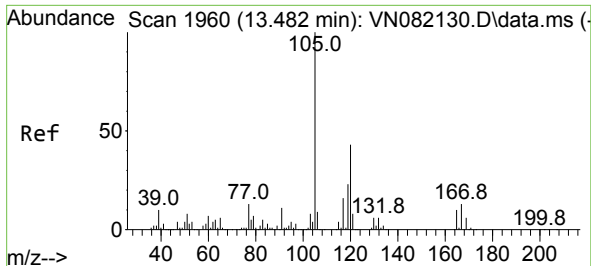
Ion Ratio Lower Upper

119 100

91 91.6 32.6 97.8

134 0.0 12.4 37.0#

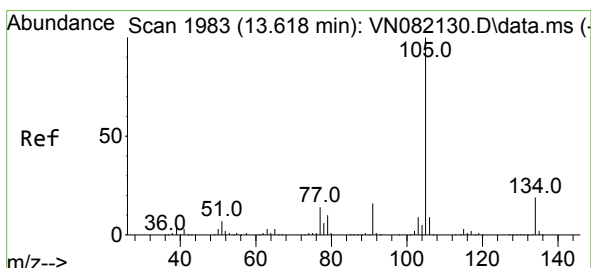
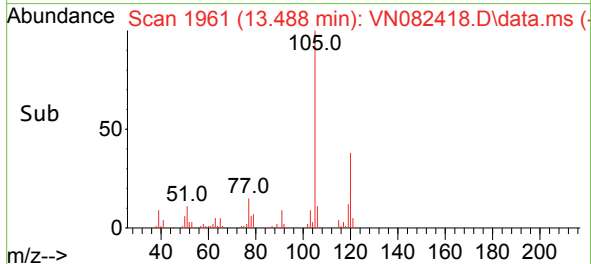
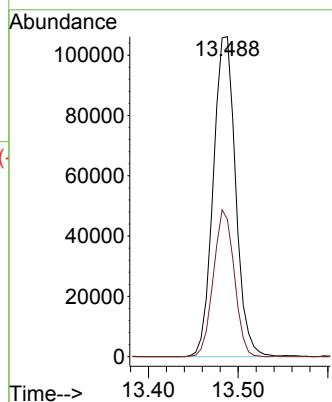
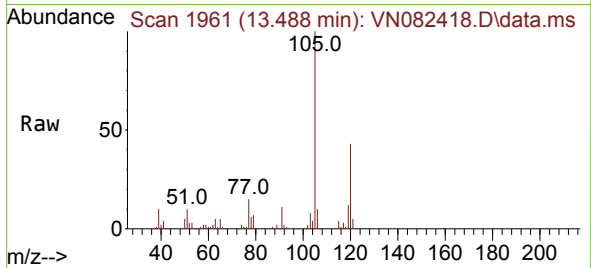




#84
1,2,4-Trimethylbenzene
Concen: 19.793 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

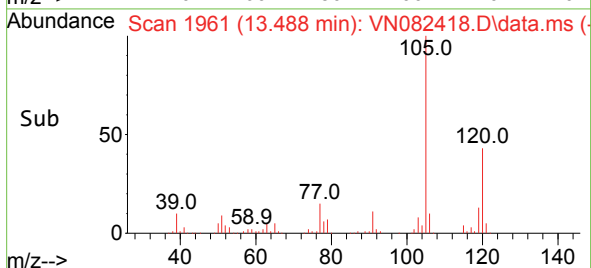
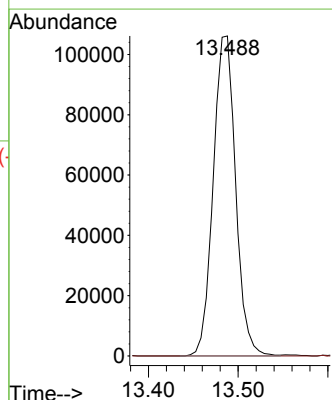
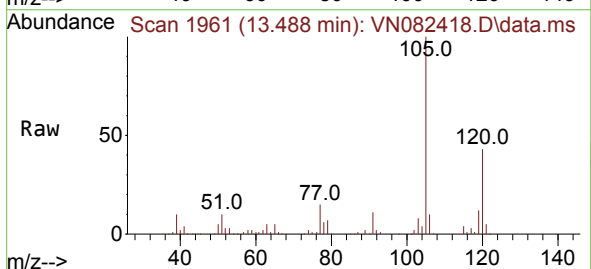
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

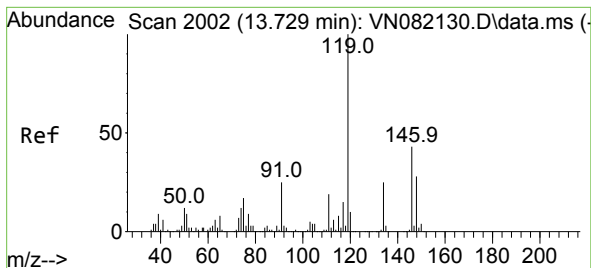
Tgt Ion:105 Resp: 184074
Ion Ratio Lower Upper
105 100
120 42.6 22.9 68.7



#85
sec-Butylbenzene
Concen: 16.699 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.130 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

Tgt Ion:105 Resp: 184074
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 0.638 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.018 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

3-AB-VOC

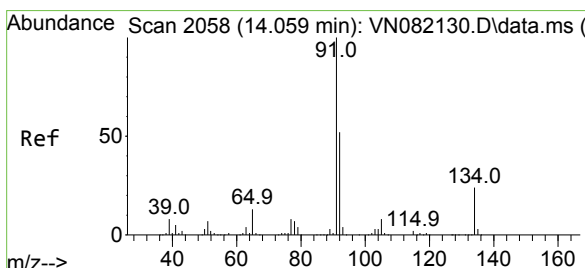
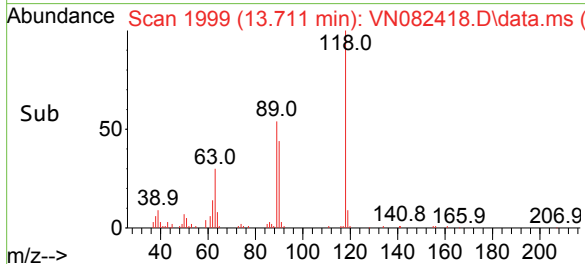
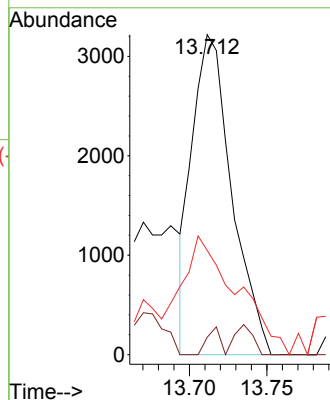
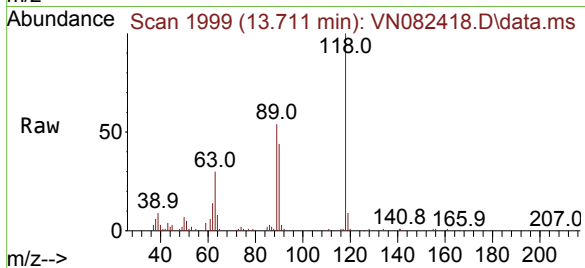
Tgt Ion:119 Resp: 5715

Ion Ratio Lower Upper

119 100

134 2.8 13.2 39.5#

91 52.2 11.8 35.3#



#89

n-Butylbenzene

Concen: 0.930 ug/l

RT: 14.000 min Scan# 2048

Delta R.T. -0.059 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

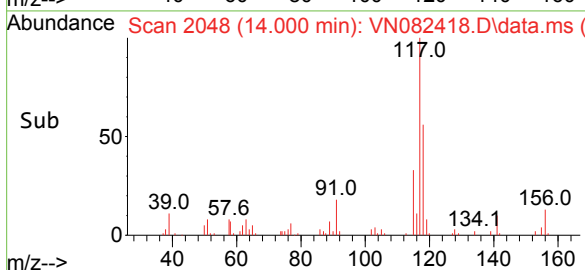
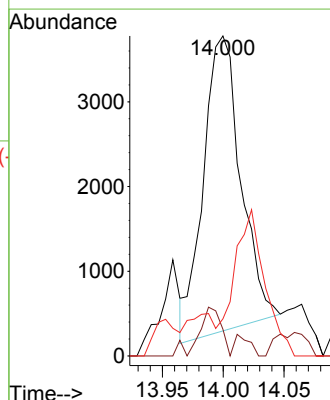
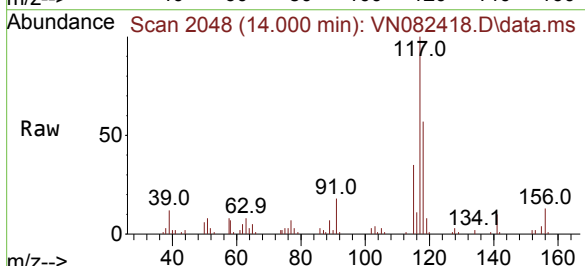
Tgt Ion: 91 Resp: 7489

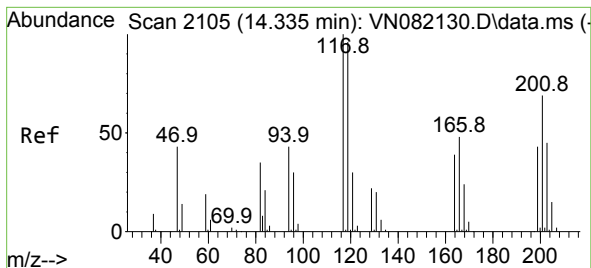
Ion Ratio Lower Upper

91 100

92 9.8 26.2 78.5#

134 10.2 13.2 39.5#





#90

Hexachloroethane

Concen: 1.212 ug/l

RT: 14.394 min Scan# 2115

Delta R.T. 0.059 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

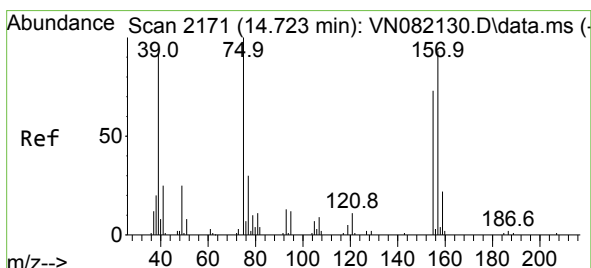
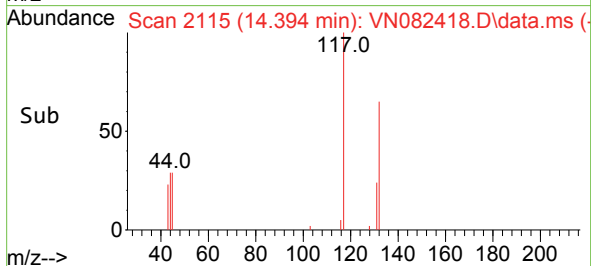
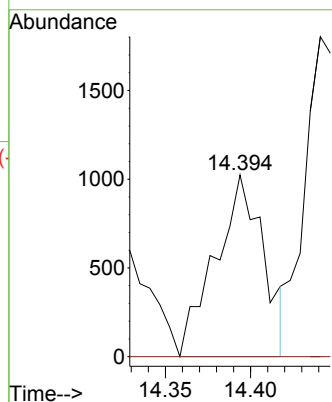
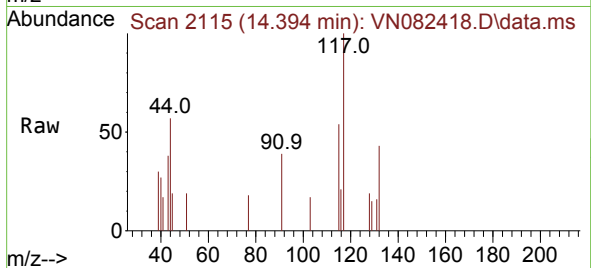
3-AB-VOC

Tgt Ion:117 Resp: 2011

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.944 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

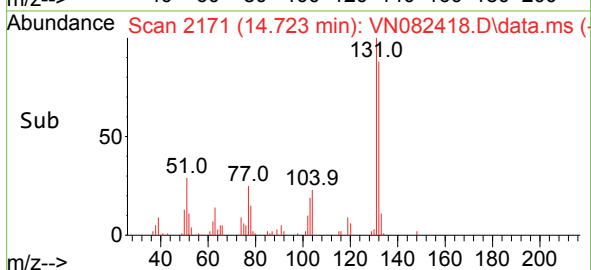
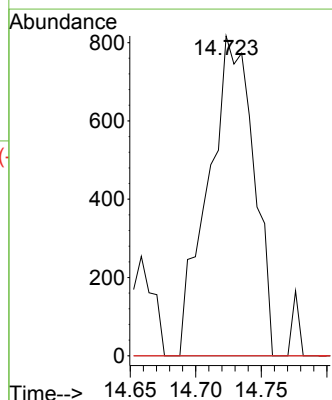
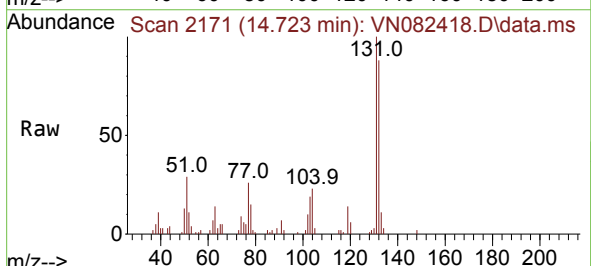
Tgt Ion: 75 Resp: 1960

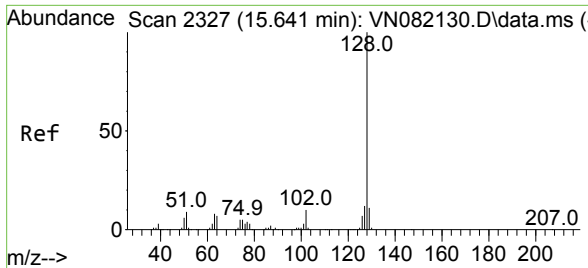
Ion Ratio Lower Upper

75 100

155 0.0 42.6 128.0#

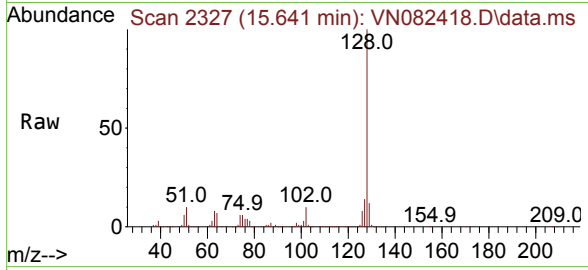
157 0.0 53.0 159.0#





#95
Naphthalene
Concen: 1465.461 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC



Tgt Ion:128 Resp:11827329
Ion Ratio Lower Upper
128 100
127 13.7 10.1 15.1
129 11.3 8.9 13.3

