

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082419.D
 Acq On : 31 May 2024 19:35
 Operator : JC\MD
 Sample : P2657-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4-AB-VOC

Quant Time: May 31 23:03:27 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	8.230	168	166775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	139881	53.118	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.240%
35) Dibromofluoromethane	8.171	113	99410	53.150	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.300%
50) Toluene-d8	10.571	98	397314	55.407	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.820%
62) 4-Bromofluorobenzene	12.853	95	148181	57.896	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	115.800%
Target Compounds						Qvalue
11) Tert butyl alcohol	5.524	59	2401	5.680	ug/l #	77
13) Acrolein	4.171	56	238	0.760	ug/l #	15
16) Acetone	4.430	43	104667	96.889	ug/l	93
17) Carbon Disulfide	4.718	76	1582	0.269	ug/l #	74
18) Methyl Acetate	5.024	43	5034	1.871	ug/l #	71
20) Methylene Chloride	5.271	84	6461	2.964	ug/l #	80
25) 2-Butanone	7.488	43	16563	10.113	ug/l #	77
29) Tetrahydrofuran	7.841	42	229	0.218	ug/l #	29
31) Cyclohexane	8.230	56	7832	1.862	ug/l #	48
36) 1,1-Dichloropropene	8.224	75	15813	5.041	ug/l #	49
37) Ethyl Acetate	7.559	43	5520	1.572	ug/l #	75
38) Carbon Tetrachloride	8.224	117	17910	5.632	ug/l #	17
39) Methylcyclohexane	9.606	83	1713	0.498	ug/l #	90
40) Benzene	8.606	78	875681	93.614	ug/l	99
42) 1,2-Dichloroethane	8.677	62	1214	0.337	ug/l #	73
43) Isopropyl Acetate	8.688	43	329098	52.906	ug/l #	71
45) 1,2-Dichloropropane	9.741	63	1820	0.754	ug/l #	45
48) Methyl methacrylate	9.671	41	5103	1.722	ug/l #	36
49) 1,4-Dioxane	9.677	88	53	1.276	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	20848	5.899	ug/l #	76
52) Toluene	10.629	92	586624	104.502	ug/l	99
53) t-1,3-Dichloropropene	10.729	75	1055	0.305	ug/l #	79
54) cis-1,3-Dichloropropene	10.359	75	56495	15.427	ug/l #	76
55) 1,1,2-Trichloroethane	10.871	97	1988	0.975	ug/l #	14
57) 1,3-Dichloropropane	11.206	76	6817	1.787	ug/l #	42
59) 2-Hexanone	11.171	43	157643	60.917	ug/l #	23
67) Ethyl Benzene	11.965	91	122185	10.142	ug/l	98
68) m/p-Xylenes	12.071	106	348650	78.964	ug/l	93
69) o-Xylene	12.400	106	314107	73.441	ug/l	91
70) Styrene	12.412	104	129518	18.231	ug/l #	62
71) Bromoform	12.847	173	432	0.942	ug/l #	28
73) Isopropylbenzene	12.694	105	7901	0.690	ug/l	98
74) N-amyl acetate	12.459	43	4043	0.642	ug/l #	43
76) 1,2,3-Trichloropropane	12.853	75	88147	29.070	ug/l #	1
78) n-propylbenzene	13.035	91	13352	0.985	ug/l	98
79) 2-Chlorotoluene	13.100	91	11042	1.297	ug/l #	40

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

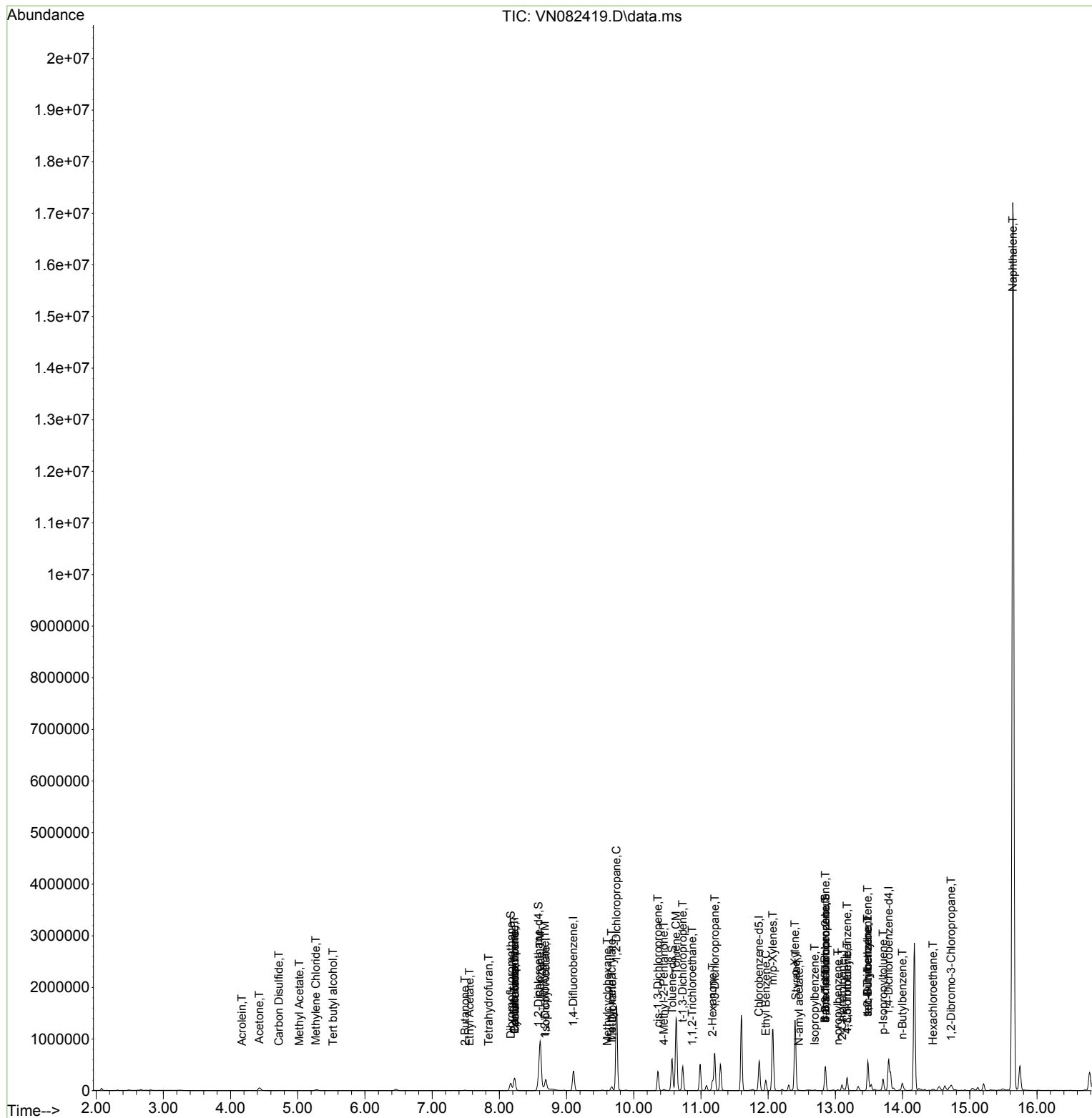
80) 1,3,5-Trimethylbenzene	13.176	105	130216	14.070	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.853	75	88147	67.993	ug/l #	13
82) 4-Chlorotoluene	13.176	91	14910	1.792	ug/l #	40
83) tert-Butylbenzene	13.482	119	36271	4.480	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.482	105	312740	33.031	ug/l	96
85) sec-Butylbenzene	13.482	105	312740	27.868	ug/l #	56
86) p-Isopropyltoluene	13.712	119	15836	1.736	ug/l #	66
89) n-Butylbenzene	14.000	91	17727	2.163	ug/l #	49
90) Hexachloroethane	14.453	117	8985	5.317	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.723	75	3642	5.373	ug/l #	2
95) Naphthalene	15.641	128	14999657	1825.528	ug/l	98

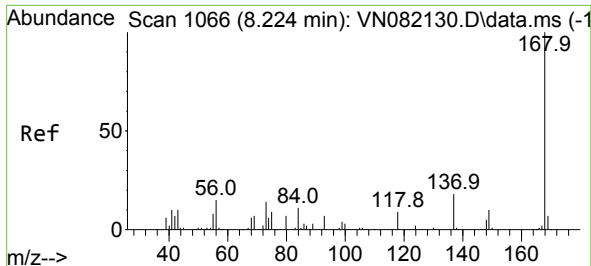
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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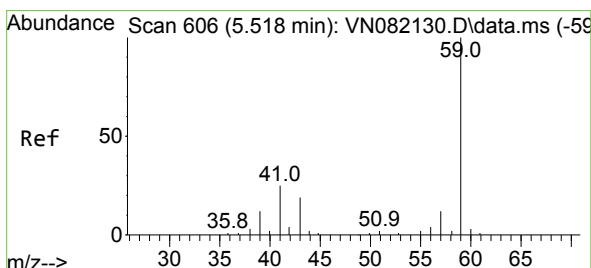
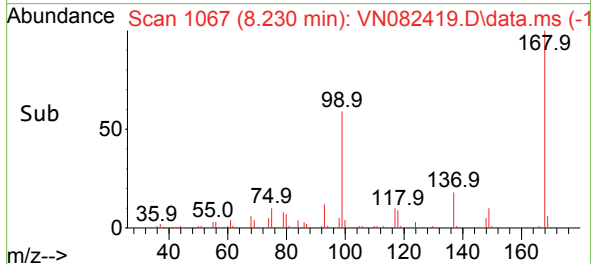
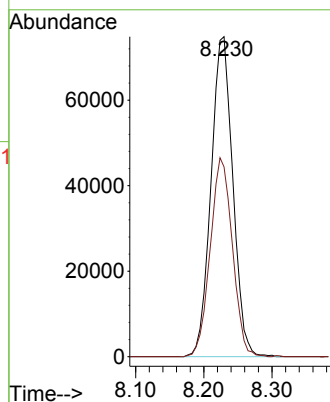
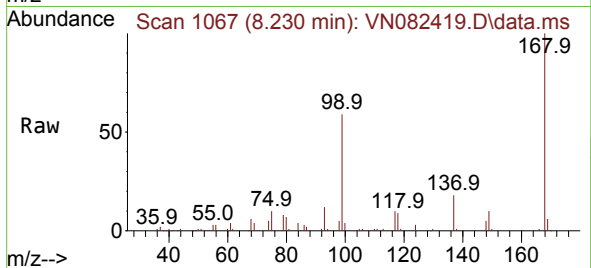




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

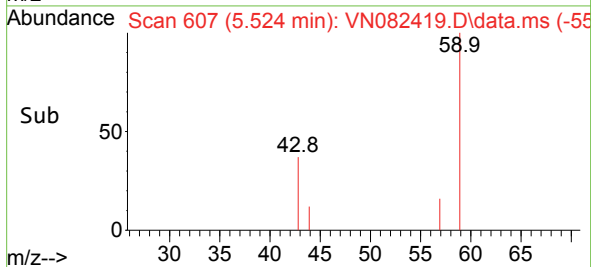
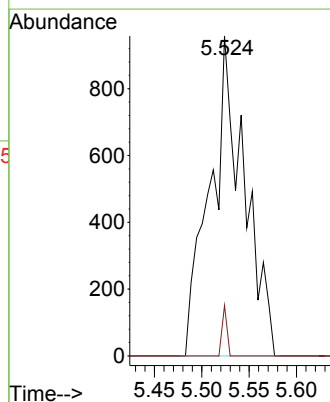
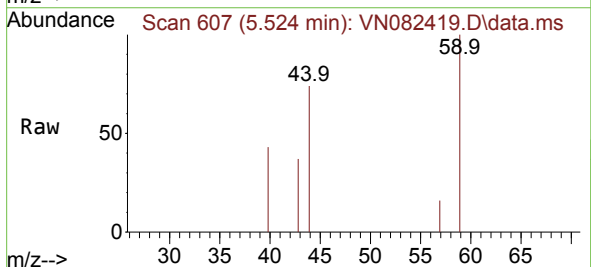
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

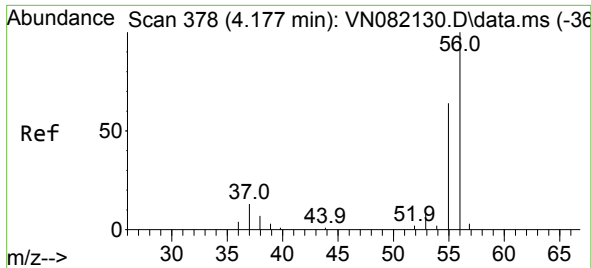
Tgt Ion:168 Resp: 166775
Ion Ratio Lower Upper
168 100
99 59.3 48.2 72.4



#11
Tert butyl alcohol
Concen: 5.680 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion: 59 Resp: 2401
Ion Ratio Lower Upper
59 100
57 2.2 8.9 13.3#

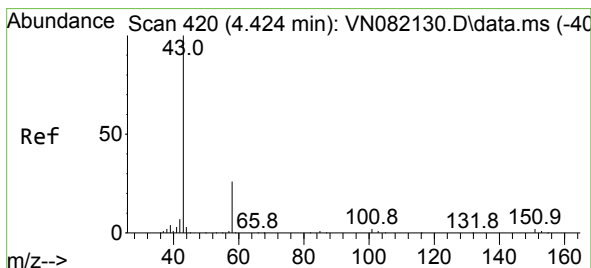
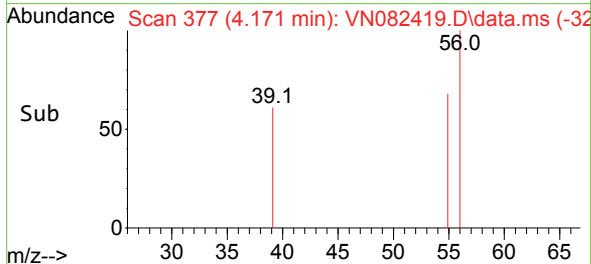
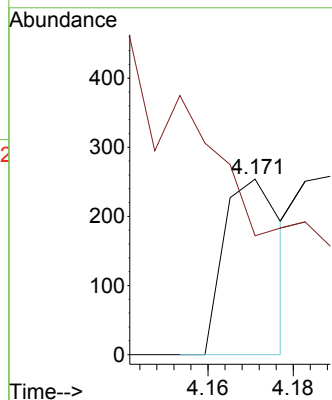
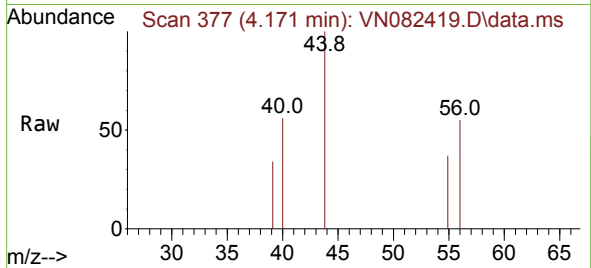




#13
Acrolein
Concen: 0.760 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

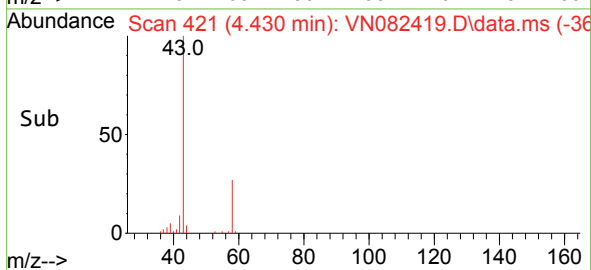
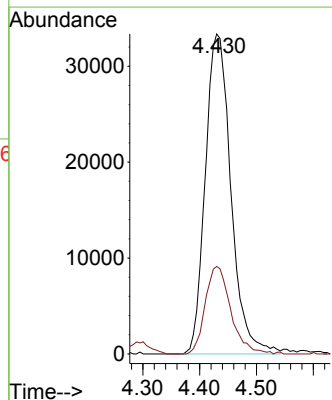
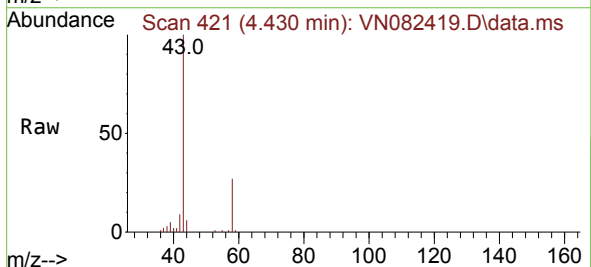
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

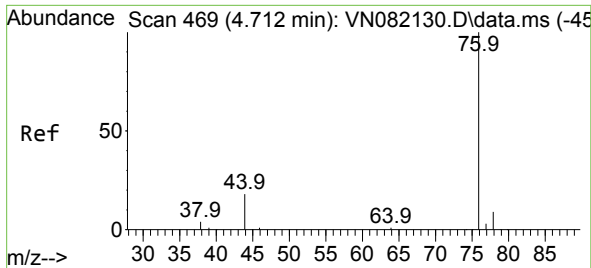
Tgt Ion: 56 Resp: 238
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#



#16
Acetone
Concen: 96.889 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion: 43 Resp: 104667
Ion Ratio Lower Upper
43 100
58 27.3 25.2 37.8





#17

Carbon Disulfide

Concen: 0.269 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

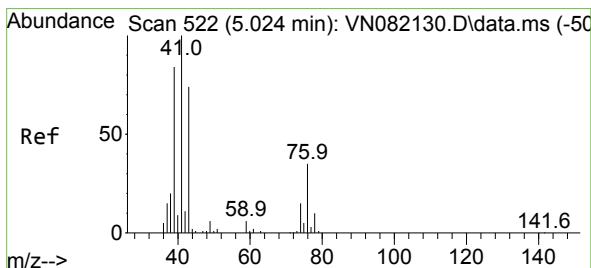
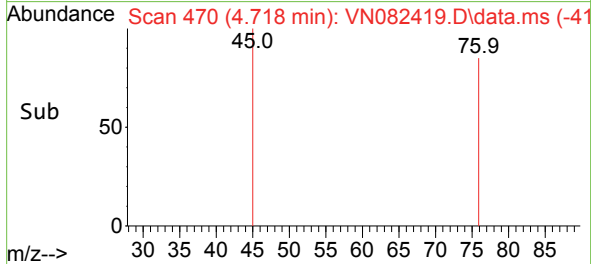
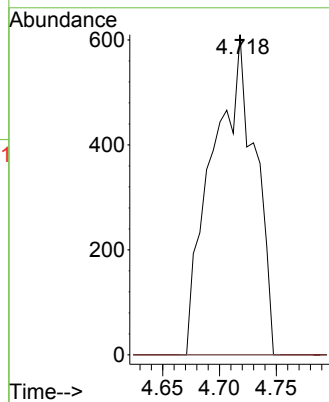
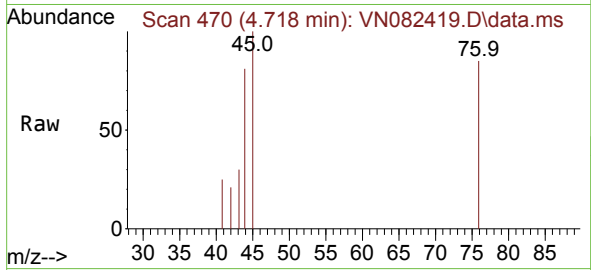
4-AB-VOC

Tgt Ion: 76 Resp: 1582

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#



#18

Methyl Acetate

Concen: 1.871 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082419.D

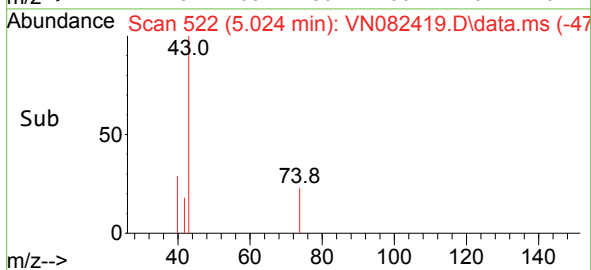
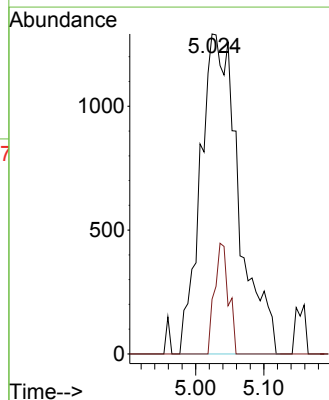
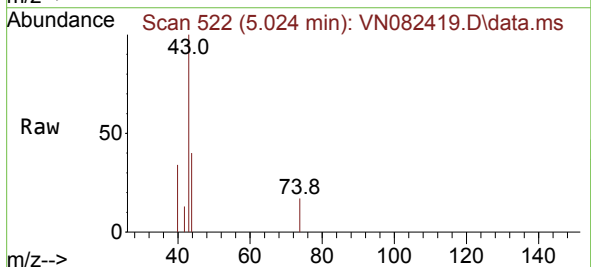
Acq: 31 May 2024 19:35

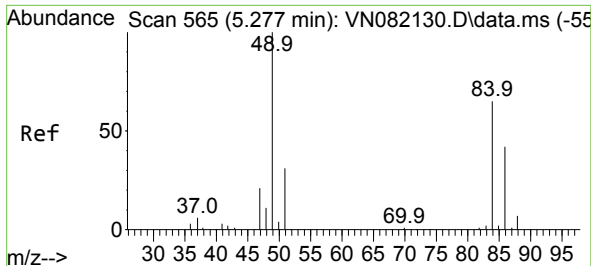
Tgt Ion: 43 Resp: 5034

Ion Ratio Lower Upper

43 100

74 12.6 22.2 33.2#



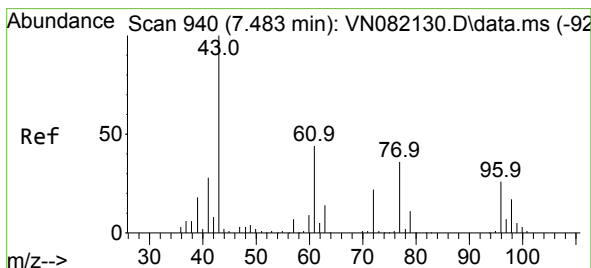
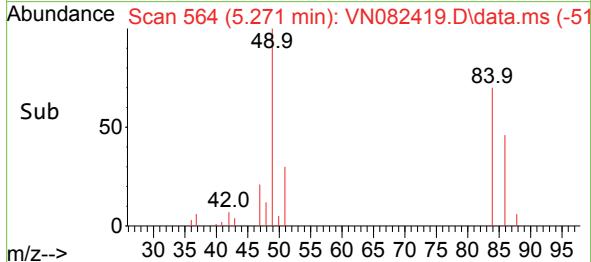
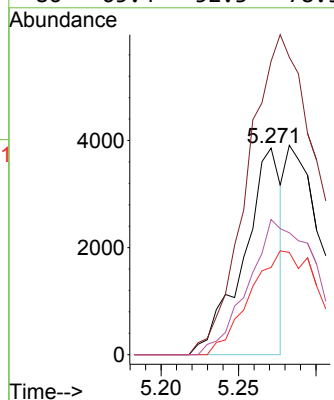
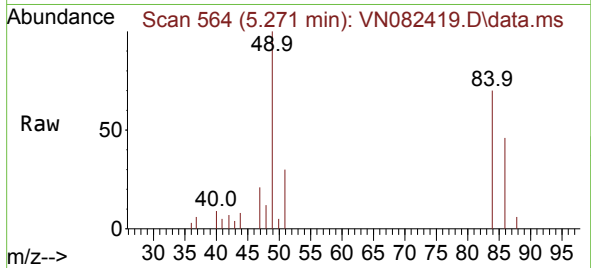


#20
Methylene Chloride
Concen: 2.964 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

Tgt Ion: 84 Resp: 6461

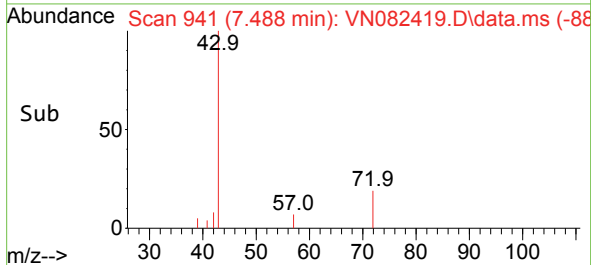
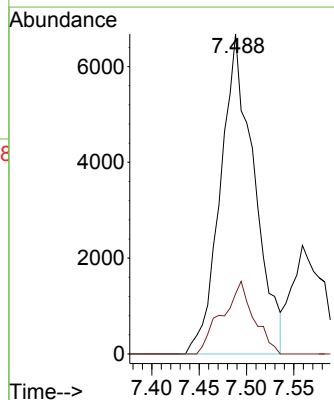
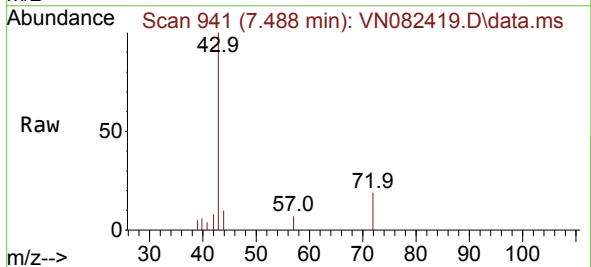
Ion	Ratio	Lower	Upper
84	100		
49	142.1	84.9	127.3#
51	42.3	27.0	40.6#
86	65.4	52.3	78.5

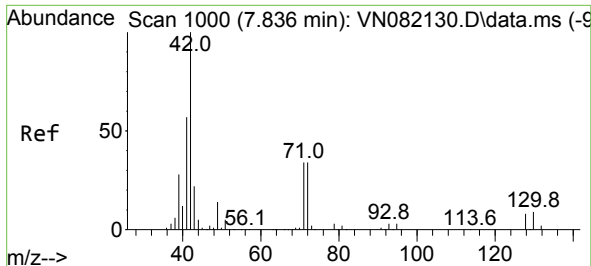


#25
2-Butanone
Concen: 10.113 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion: 43 Resp: 16563

Ion	Ratio	Lower	Upper
43	100		
72	18.8	25.3	37.9#





#29

Tetrahydrofuran

Concen: 0.218 ug/l

RT: 7.841 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

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MSVOA_N

ClientSampleId :

4-AB-VOC

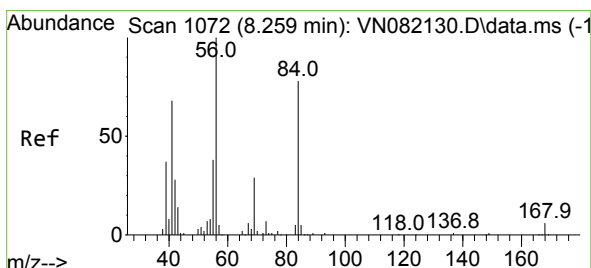
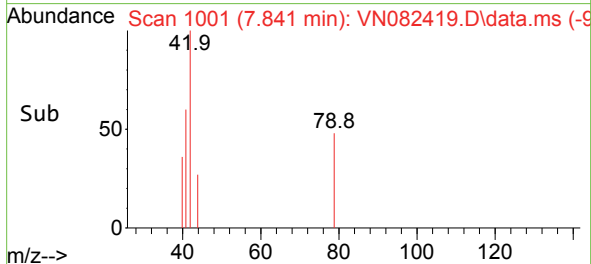
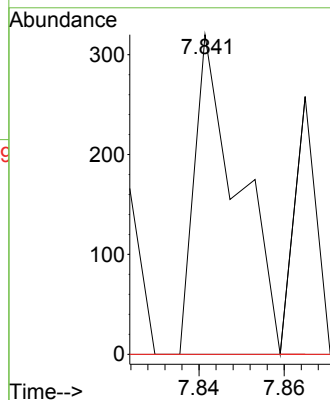
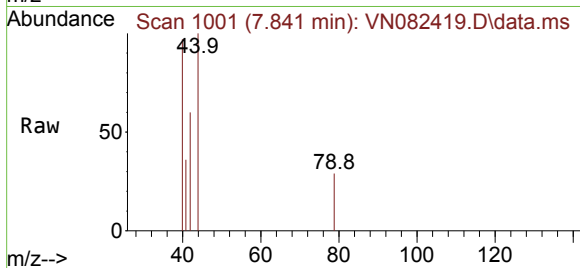
Tgt Ion: 42 Resp: 229

Ion Ratio Lower Upper

42 100

72 0.0 39.3 58.9#

71 0.0 37.4 56.0#



#31

Cyclohexane

Concen: 1.862 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

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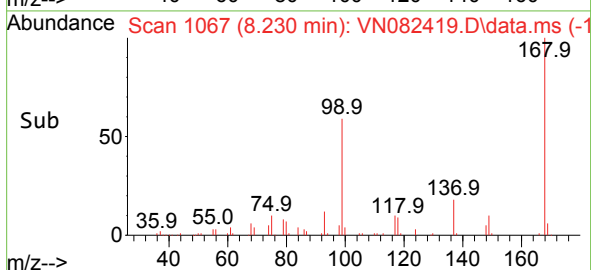
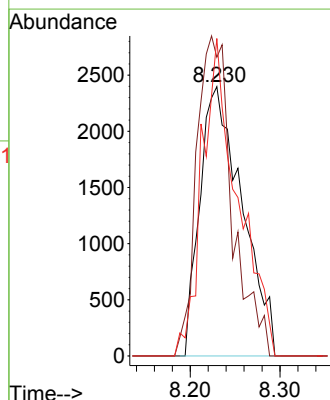
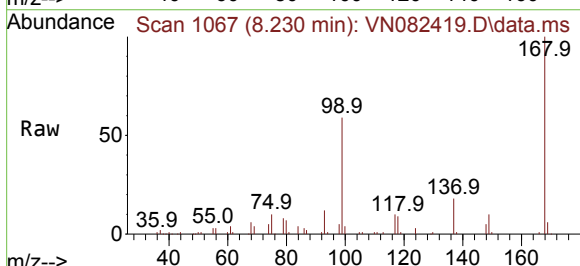
Tgt Ion: 56 Resp: 7832

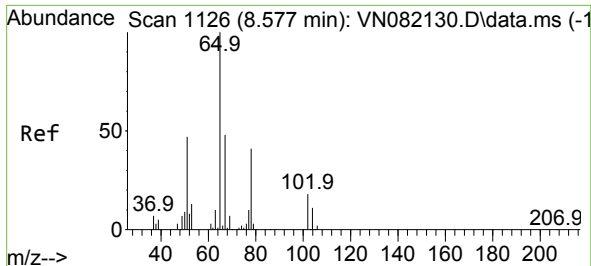
Ion Ratio Lower Upper

56 100

69 111.0 24.4 36.6#

84 117.9 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 53.118 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082419.D

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Instrument :

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ClientSampleId :

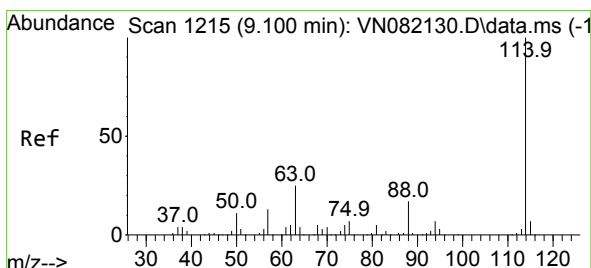
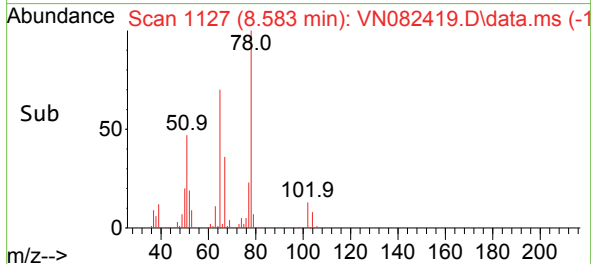
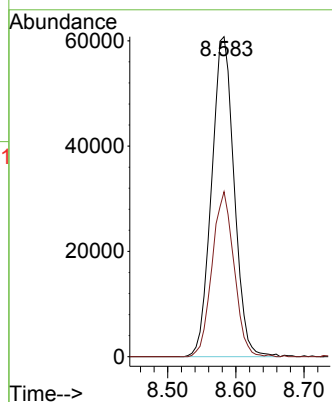
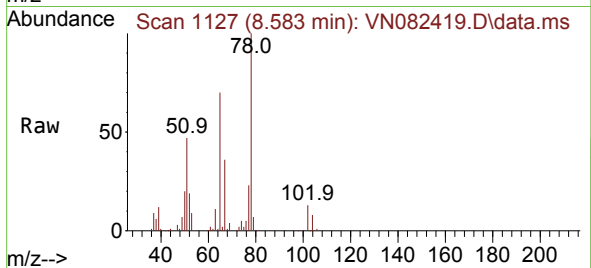
4-AB-VOC

Tgt Ion: 65 Resp: 139881

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

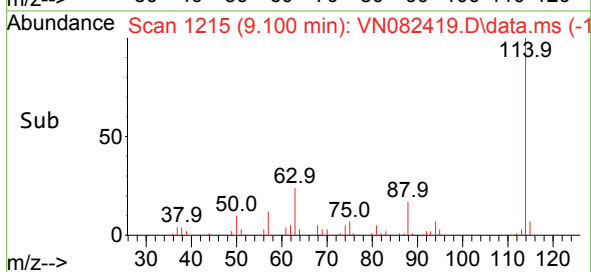
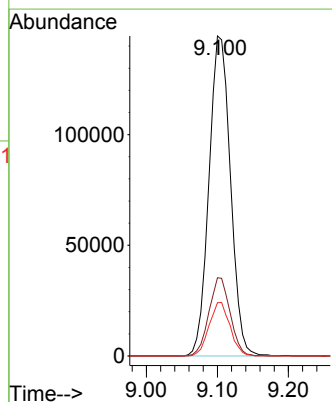
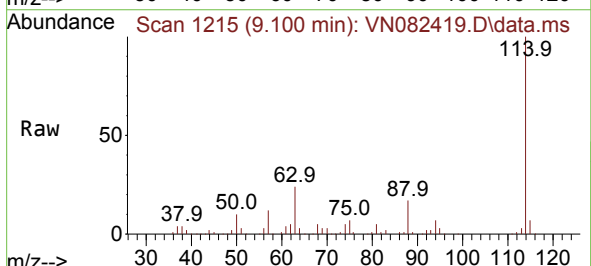
Tgt Ion: 114 Resp: 304047

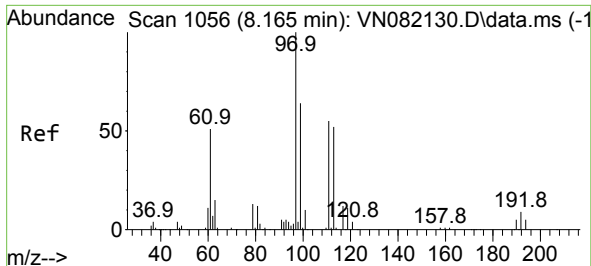
Ion Ratio Lower Upper

114 100

63 24.4 0.0 41.0

88 16.6 0.0 31.4

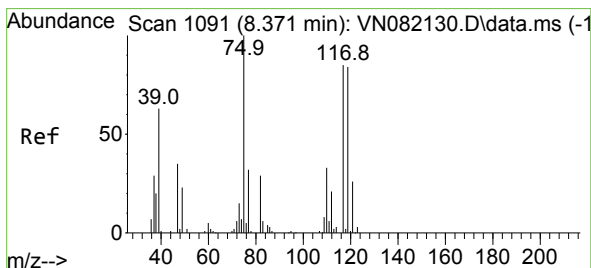
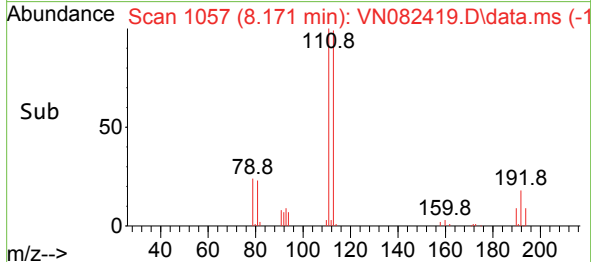
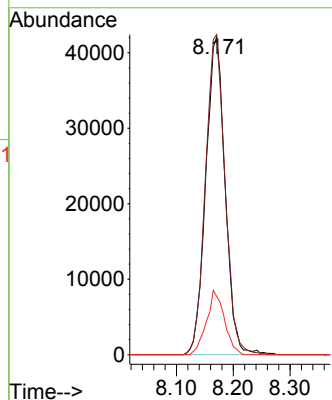
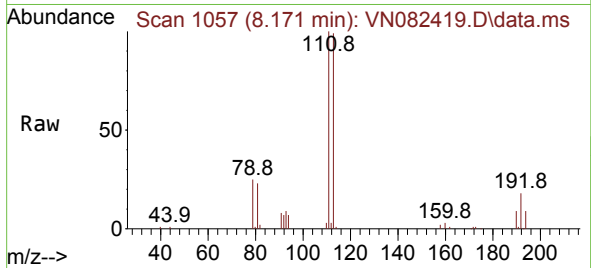




#35
Dibromofluoromethane
Concen: 53.150 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

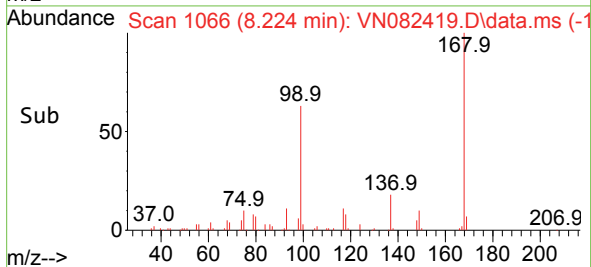
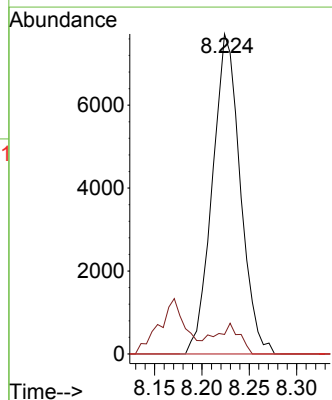
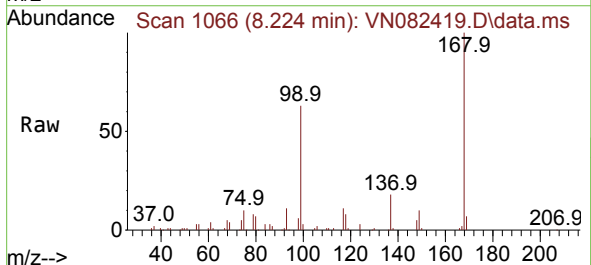
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

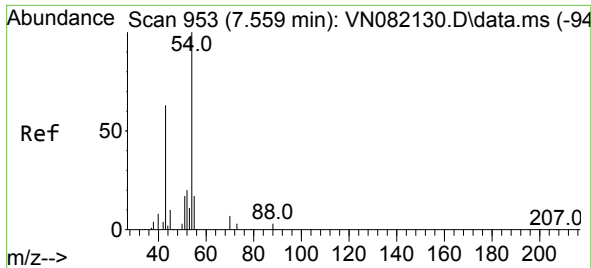
Tgt Ion:113 Resp: 99410
Ion Ratio Lower Upper
113 100
111 101.5 83.4 125.2
192 18.8 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.041 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion: 75 Resp: 15813
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.5#
77 0.0 25.0 37.4#

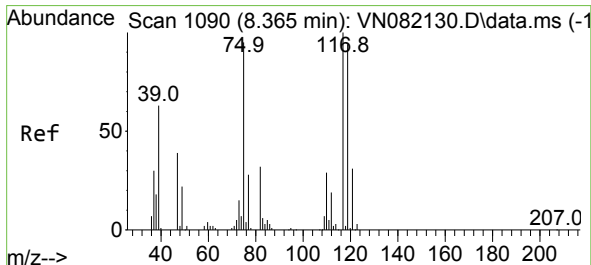
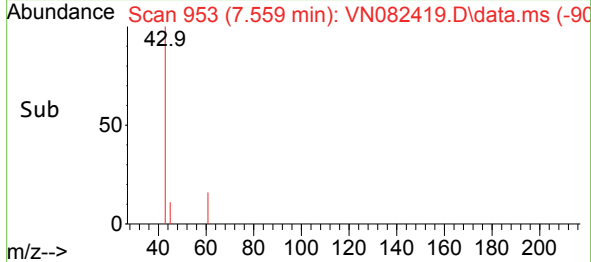
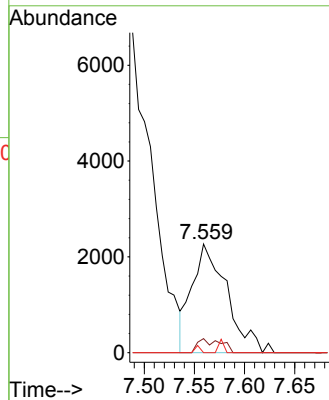
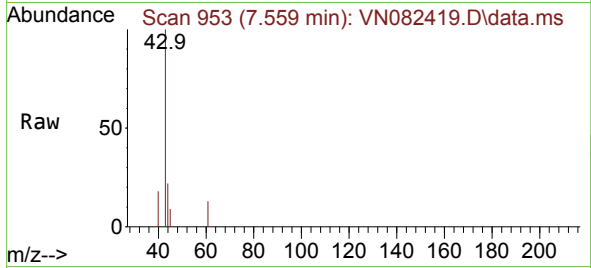




#37
Ethyl Acetate
Concen: 1.572 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

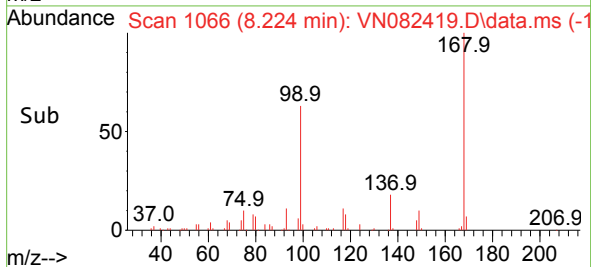
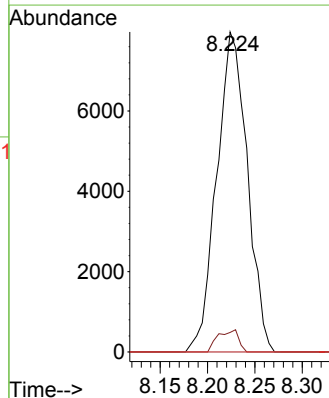
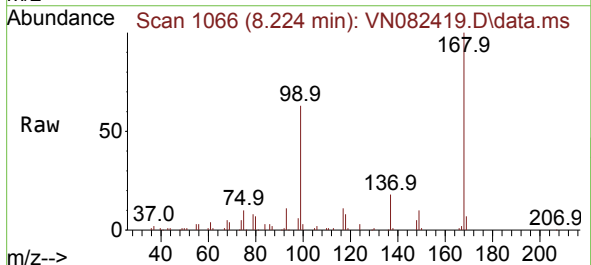
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

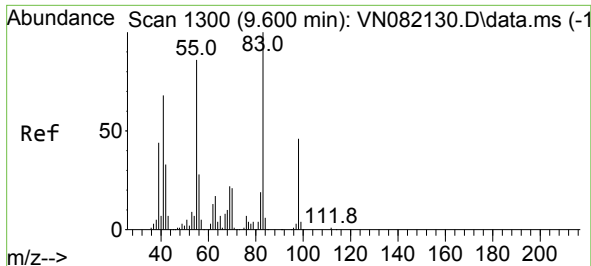
Tgt Ion: 43 Resp: 5520
Ion Ratio Lower Upper
43 100
61 4.3 11.3 16.9#
70 1.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.632 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion: 117 Resp: 17910
Ion Ratio Lower Upper
117 100
119 6.1 76.5 114.7#
121 0.0 23.9 35.9#

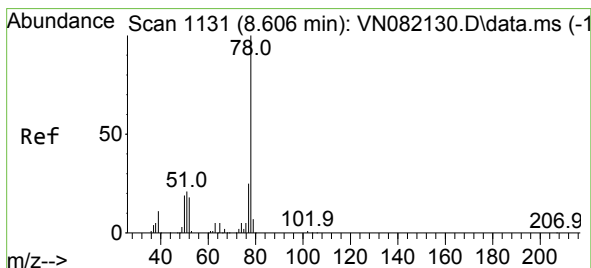
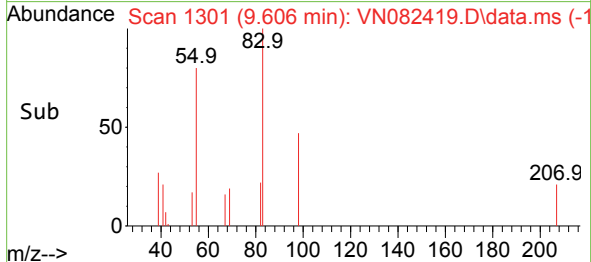
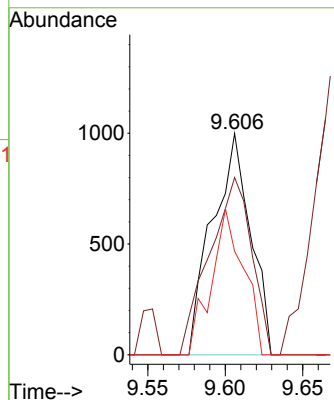
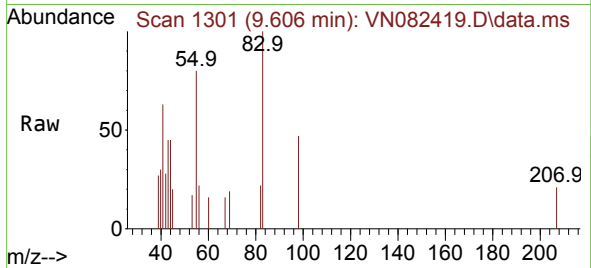




#39
Methylcyclohexane
Concen: 0.498 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

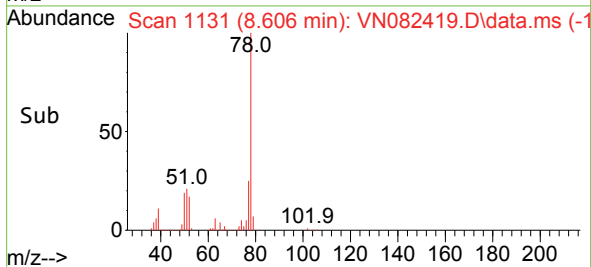
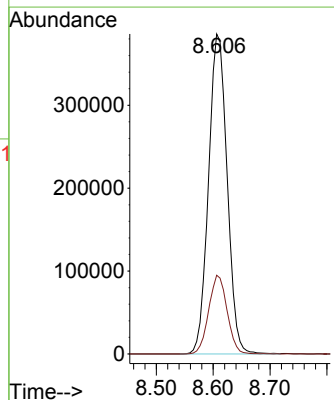
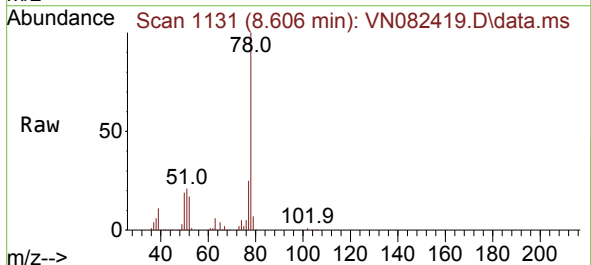
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

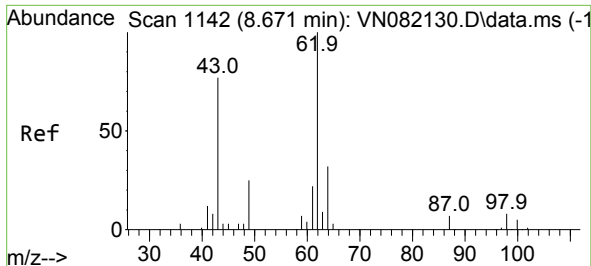
Tgt Ion: 83 Resp: 1713
Ion Ratio Lower Upper
83 100
55 80.1 53.0 79.6#
98 46.7 37.1 55.7



#40
Benzene
Concen: 93.614 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion: 78 Resp: 875681
Ion Ratio Lower Upper
78 100
77 24.6 20.0 30.0





#42

1,2-Dichloroethane

Concen: 0.337 ug/l

RT: 8.677 min Scan# 1142

Delta R.T. 0.006 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

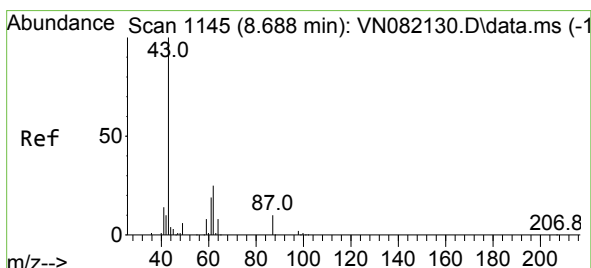
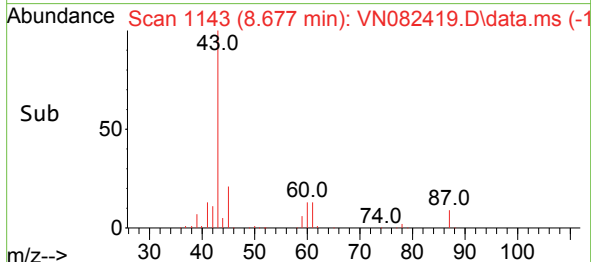
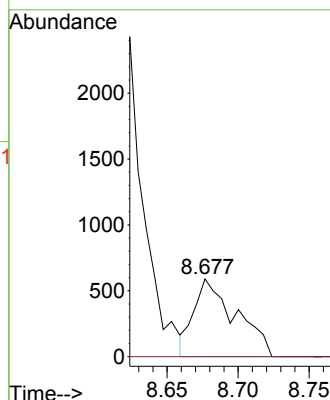
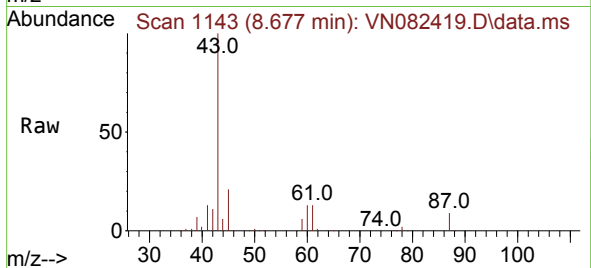
4-AB-VOC

Tgt Ion: 62 Resp: 1214

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.6



#43

Isopropyl Acetate

Concen: 52.906 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

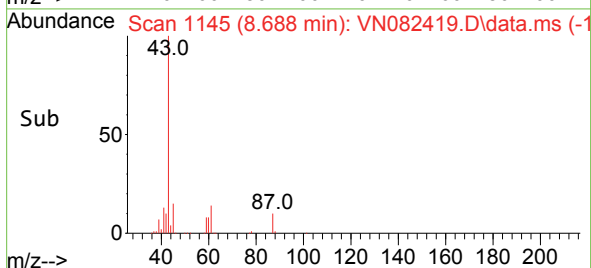
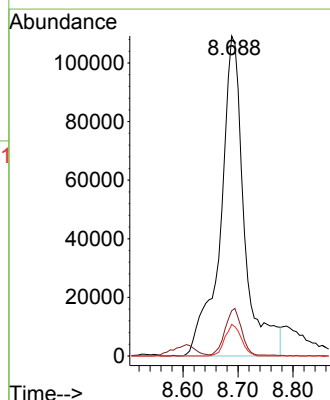
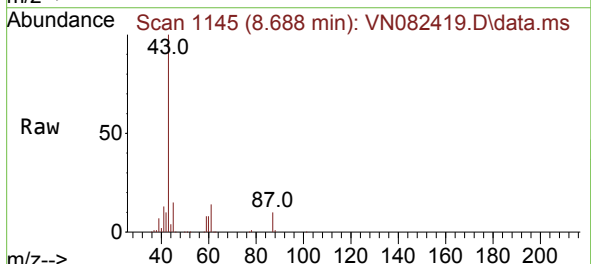
Tgt Ion: 43 Resp: 329098

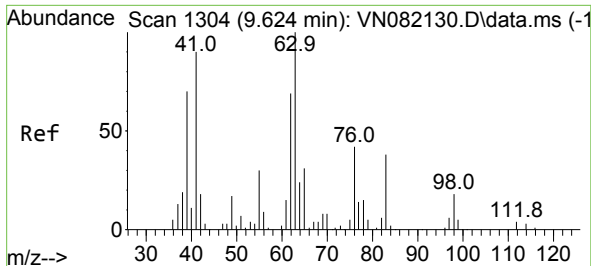
Ion Ratio Lower Upper

43 100

61 10.6 22.8 34.2#

87 6.7 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 0.754 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.118 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

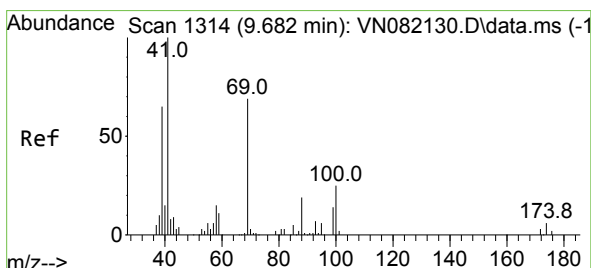
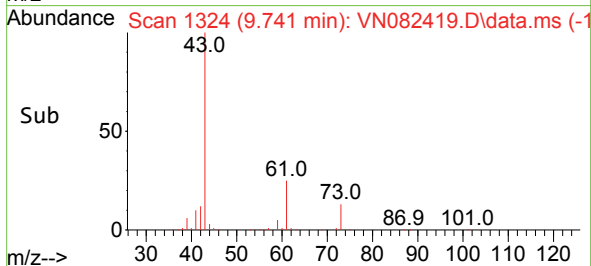
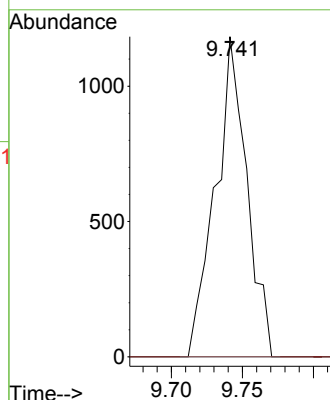
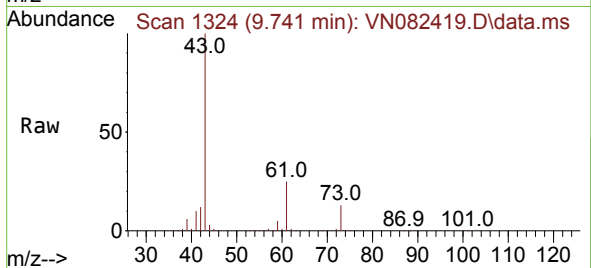
4-AB-VOC

Tgt Ion: 63 Resp: 1820

Ion Ratio Lower Upper

63 100

65 0.0 24.1 36.1#



#48

Methyl methacrylate

Concen: 1.722 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.012 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

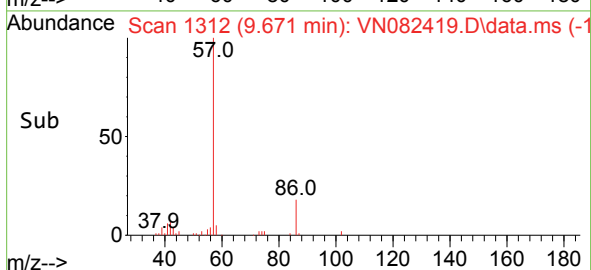
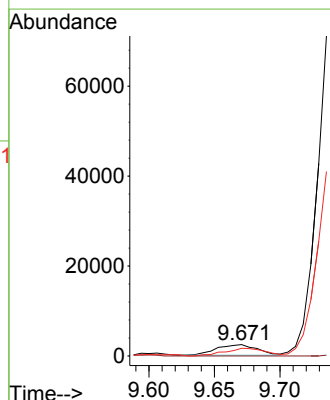
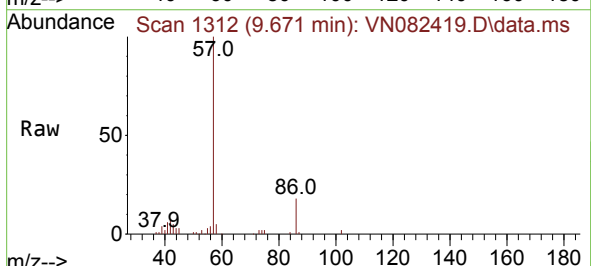
Tgt Ion: 41 Resp: 5103

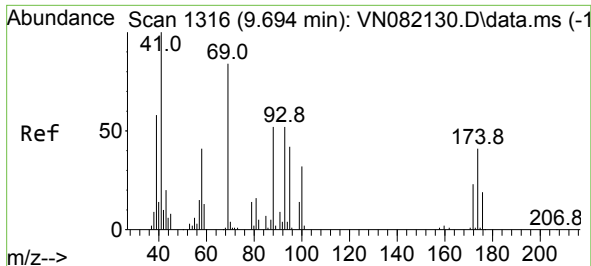
Ion Ratio Lower Upper

41 100

69 0.0 77.9 116.9#

39 72.1 50.9 76.3





#49

1,4-Dioxane

Concen: 1.276 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

Instrument :

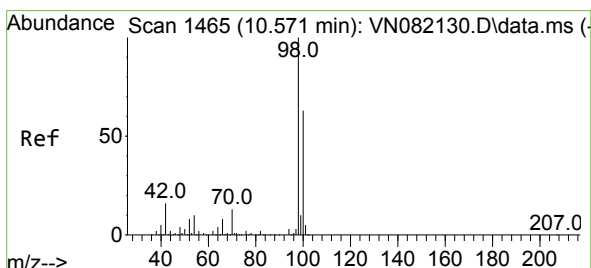
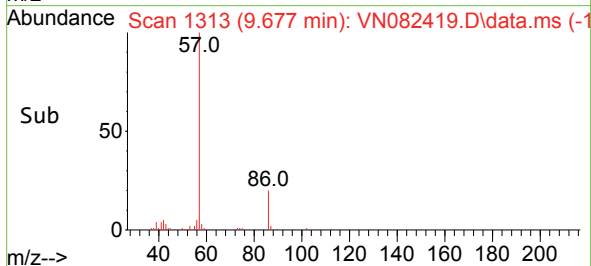
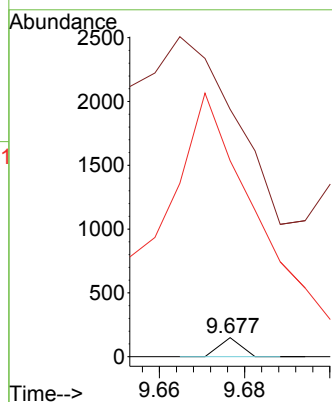
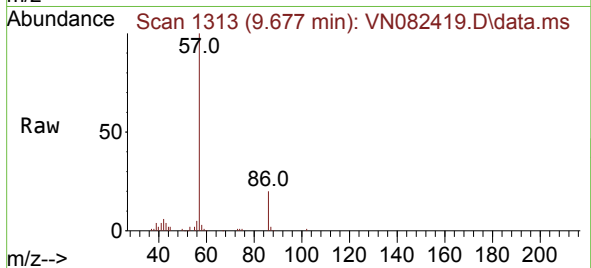
MSVOA_N

ClientSampleId :

4-AB-VOC

Tgt Ion: 88 Resp: 53

Ion	Ratio	Lower	Upper
88	100		
43	0.0	19.0	28.6#
58	6875.5	50.6	76.0#



#50

Toluene-d8

Concen: 55.407 ug/l

RT: 10.571 min Scan# 1465

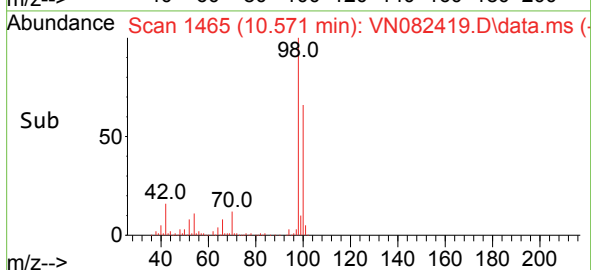
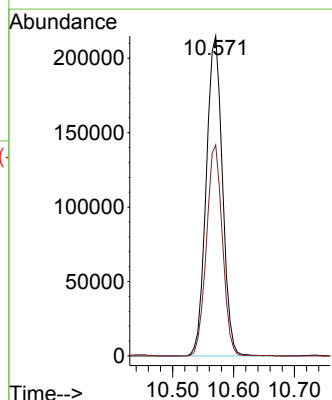
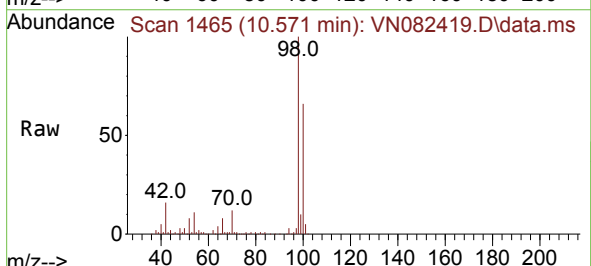
Delta R.T. -0.000 min

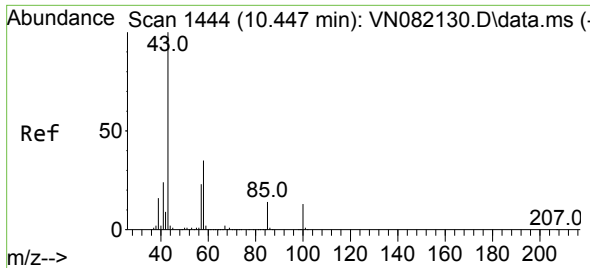
Lab File: VN082419.D

Acq: 31 May 2024 19:35

Tgt Ion: 98 Resp: 397314

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.8	77.6

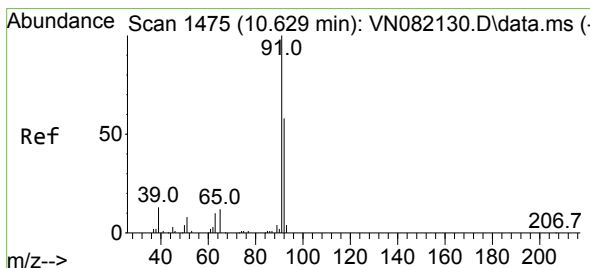
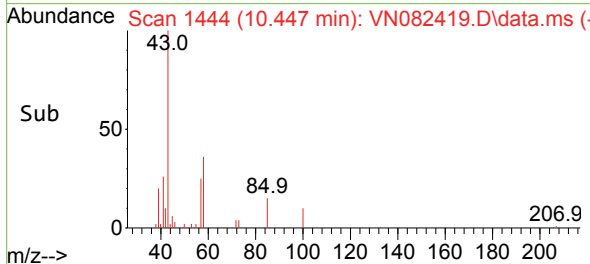
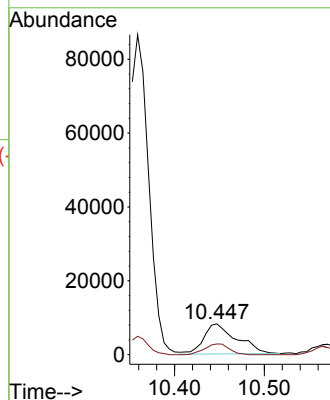
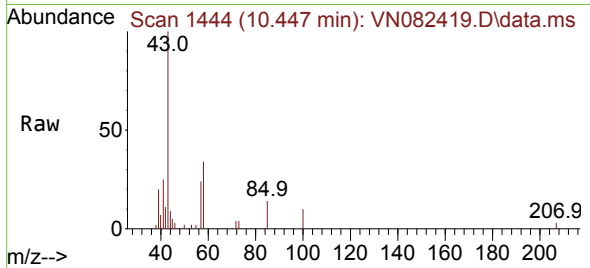




#51
4-Methyl-2-Pentanone
Concen: 5.899 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

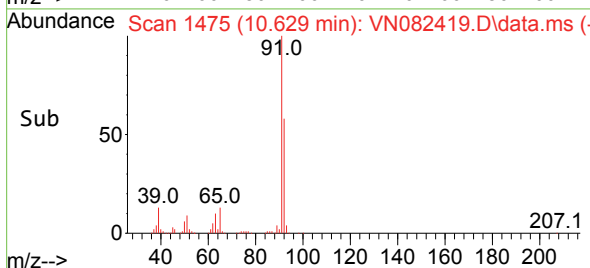
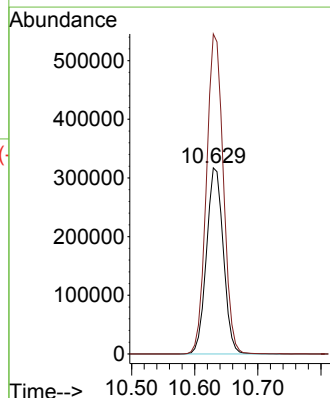
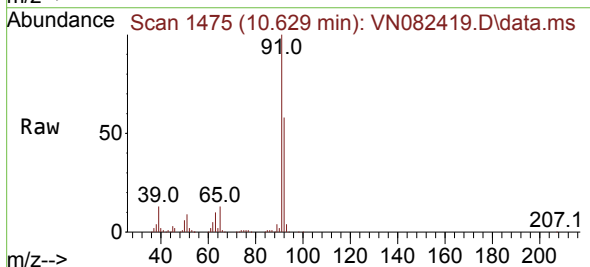
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

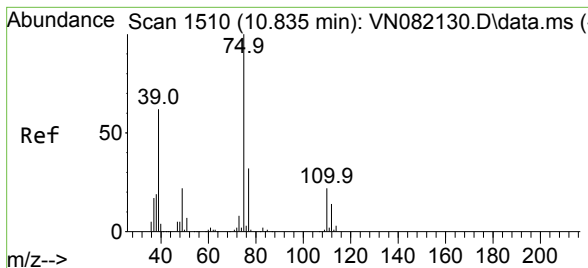
Tgt Ion: 43 Resp: 20848
Ion Ratio Lower Upper
43 100
58 26.6 33.2 49.8#



#52
Toluene
Concen: 104.502 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion: 92 Resp: 586624
Ion Ratio Lower Upper
92 100
91 172.7 136.7 205.1

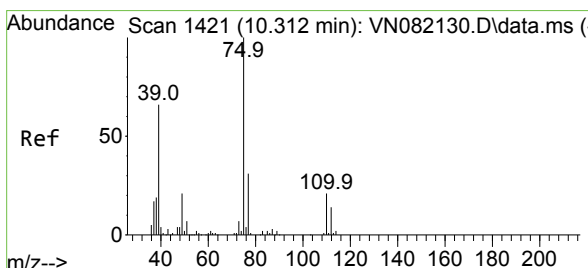
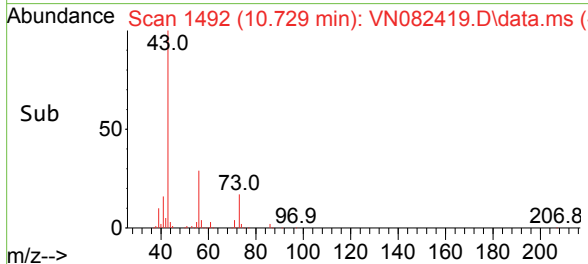
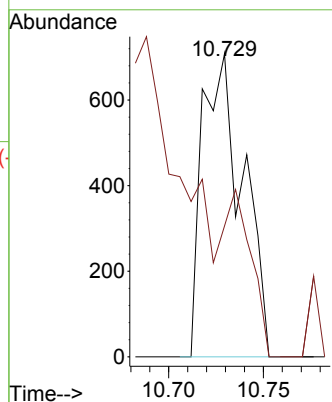
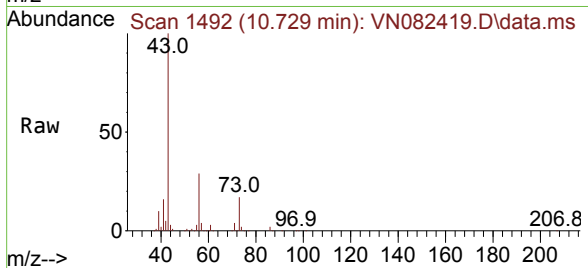




#53
t-1,3-Dichloropropene
Concen: 0.305 ug/l
RT: 10.729 min Scan# 1429
Delta R.T. -0.106 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

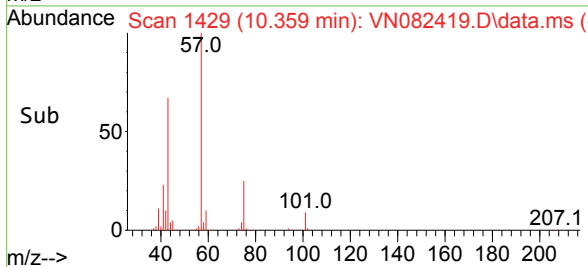
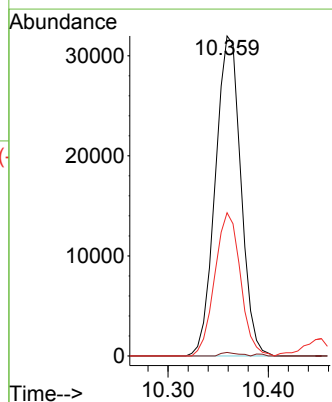
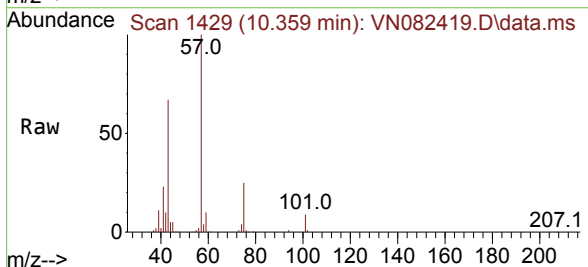
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

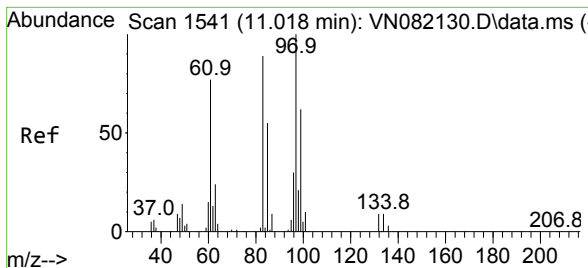
Tgt Ion: 75 Resp: 1055
Ion Ratio Lower Upper
75 100
77 43.2 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 15.427 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion: 75 Resp: 56495
Ion Ratio Lower Upper
75 100
77 1.1 25.0 37.4#
39 44.8 34.8 52.2





#55

1,1,2-Trichloroethane

Concen: 0.975 ug/l

RT: 10.871 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

4-AB-VOC

Tgt Ion: 97 Resp: 1988

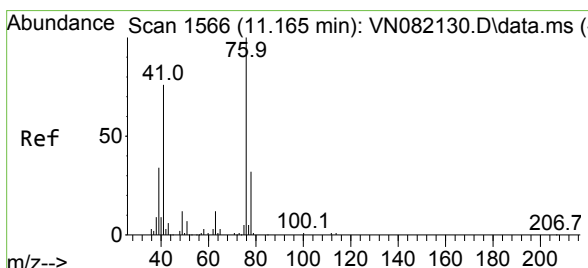
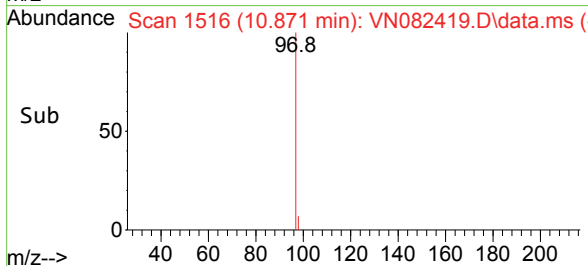
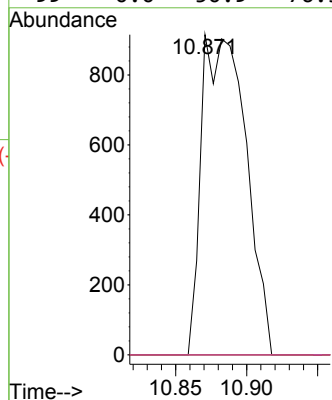
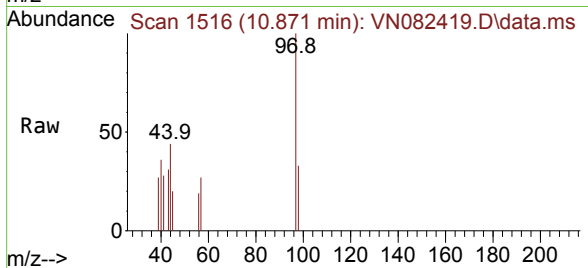
Ion Ratio Lower Upper

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: 1.787 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.041 min

Lab File: VN082419.D

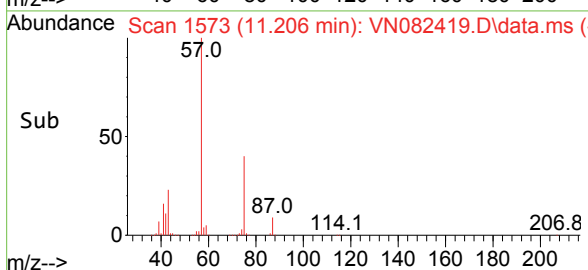
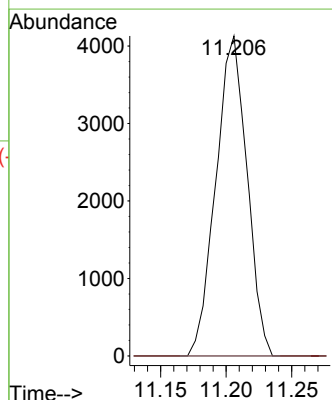
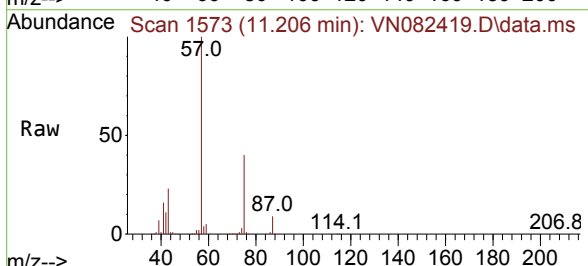
Acq: 31 May 2024 19:35

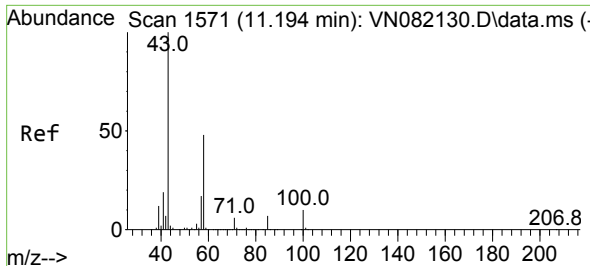
Tgt Ion: 76 Resp: 6817

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#

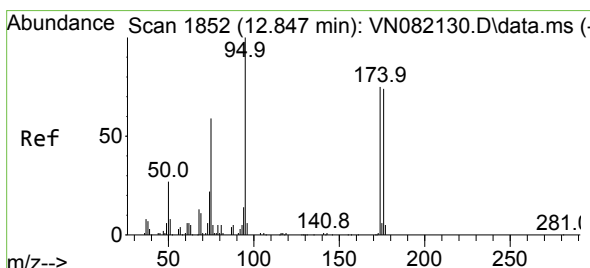
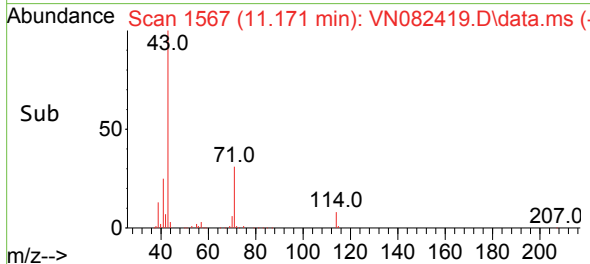
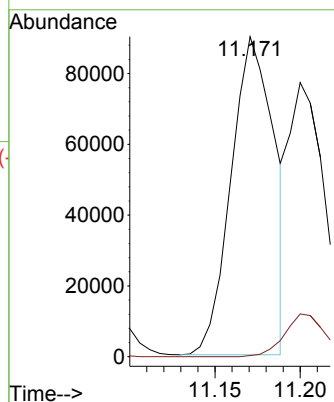
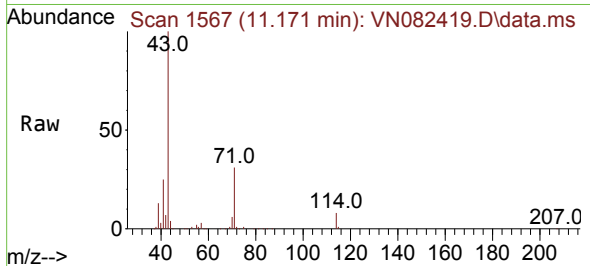




#59
2-Hexanone
Concen: 60.917 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.024 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

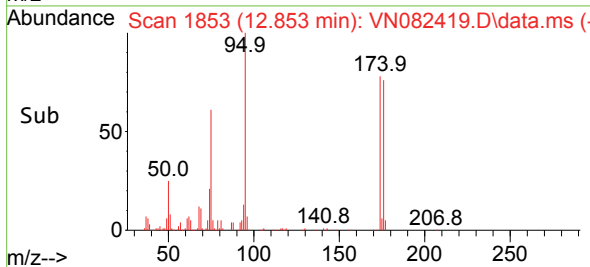
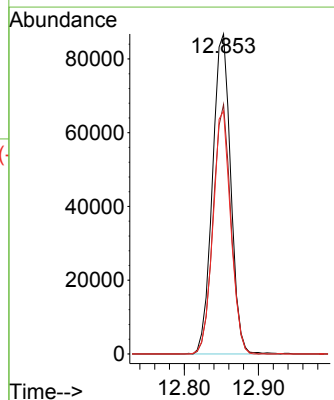
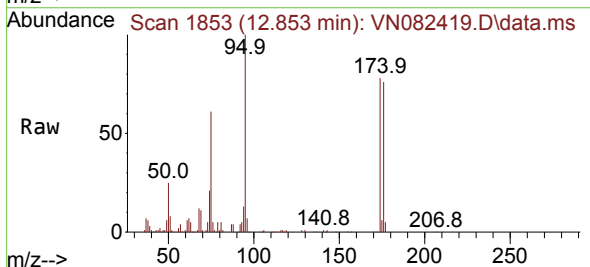
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

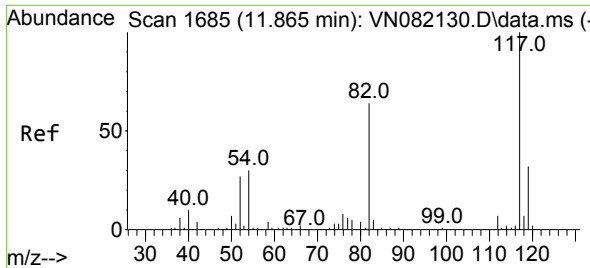
Tgt Ion: 43 Resp: 157643
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 57.896 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion: 95 Resp: 148181
Ion Ratio Lower Upper
95 100
174 76.0 0.0 160.6
176 74.1 0.0 152.8

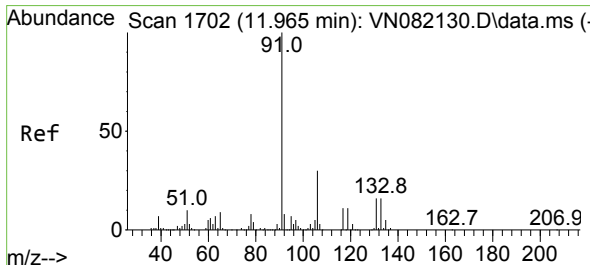
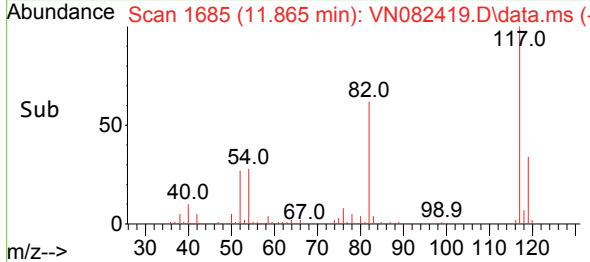
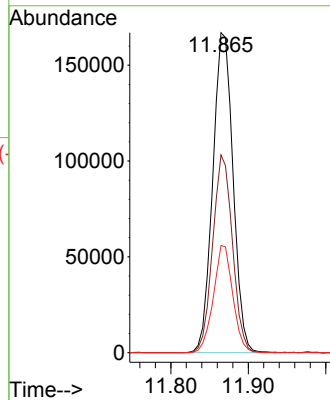
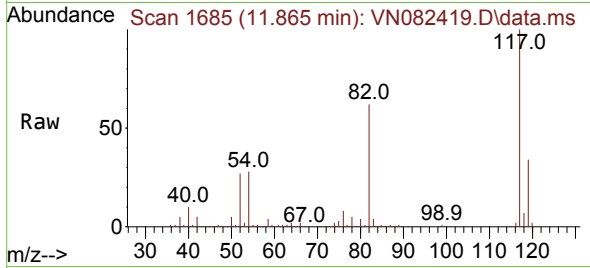




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

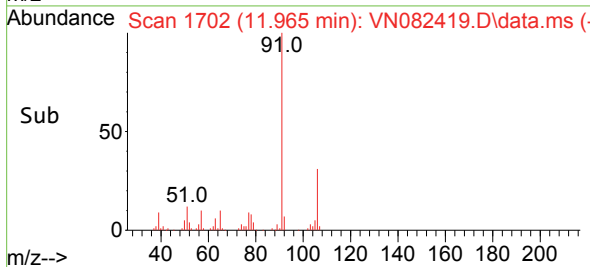
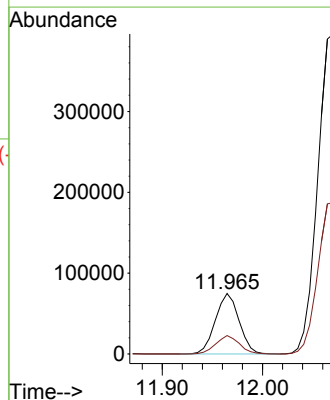
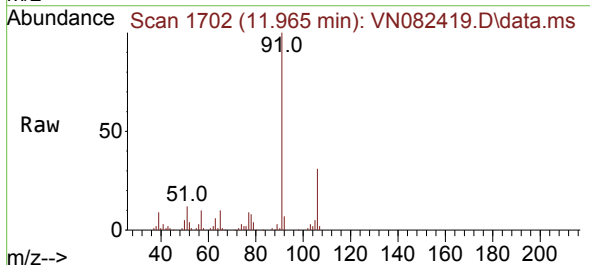
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

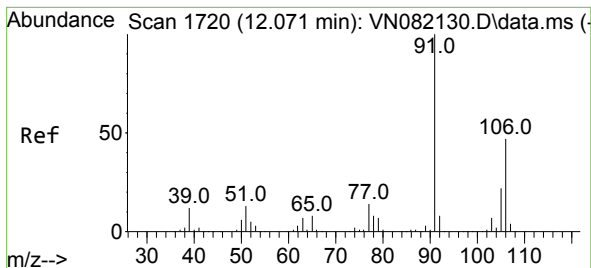
Tgt Ion:117 Resp: 304845
Ion Ratio Lower Upper
117 100
82 61.8 44.6 66.8
119 33.5 25.9 38.9



#67
Ethyl Benzene
Concen: 10.142 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion: 91 Resp: 122185
Ion Ratio Lower Upper
91 100
106 30.5 25.3 37.9





#68

m/p-Xylenes

Concen: 78.964 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

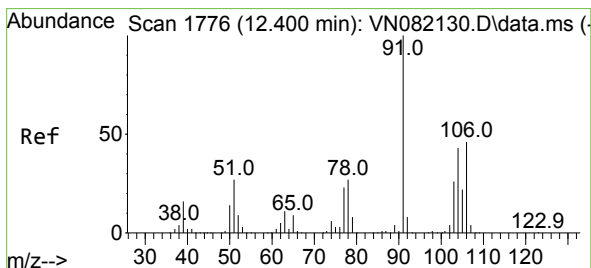
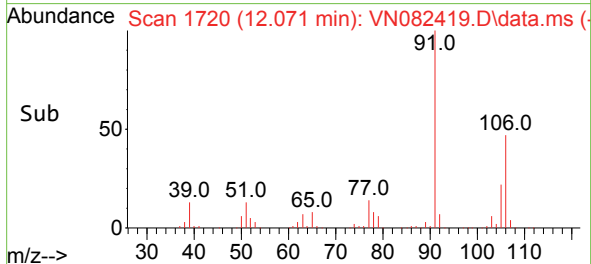
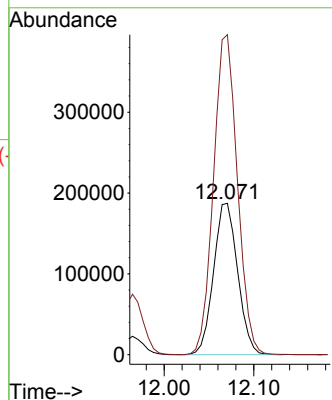
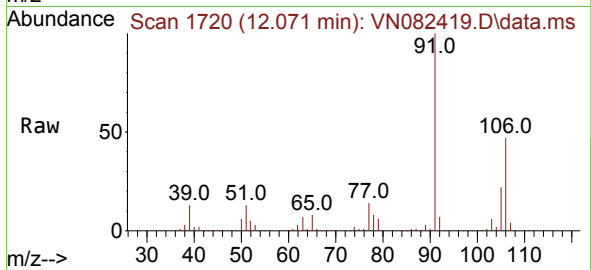
4-AB-VOC

Tgt Ion:106 Resp: 348650

Ion Ratio Lower Upper

106 100

91 210.1 159.4 239.0



#69

o-Xylene

Concen: 73.441 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN082419.D

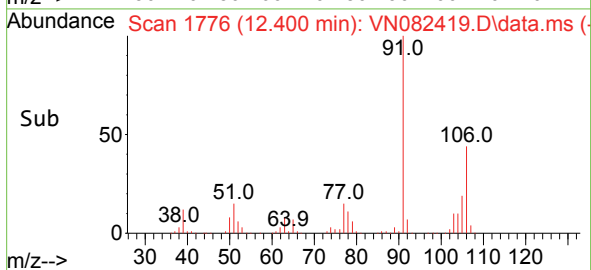
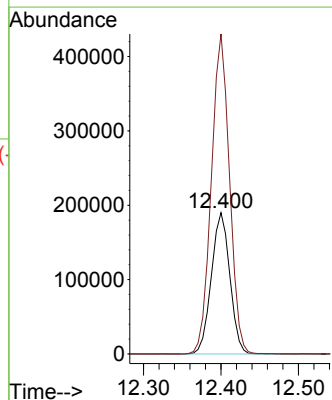
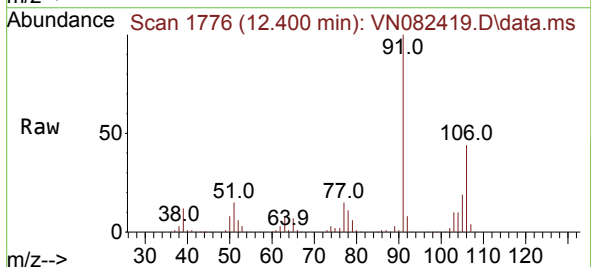
Acq: 31 May 2024 19:35

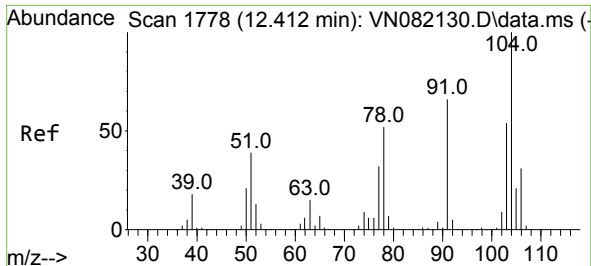
Tgt Ion:106 Resp: 314107

Ion Ratio Lower Upper

106 100

91 223.3 104.7 314.1

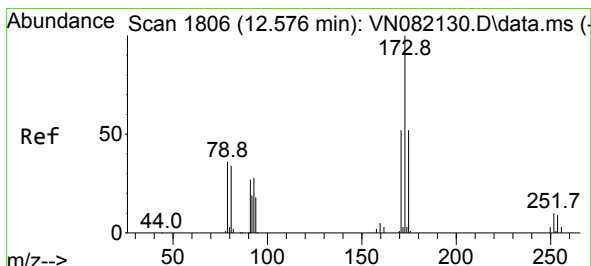
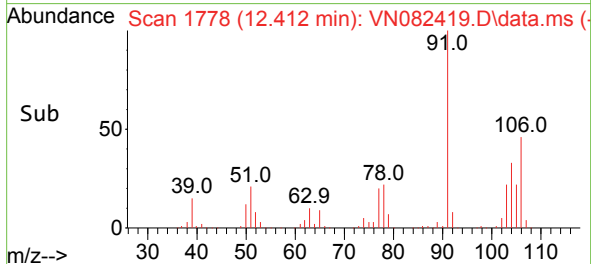
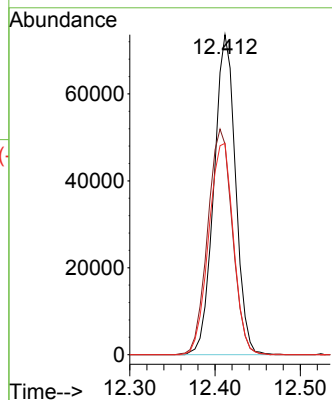
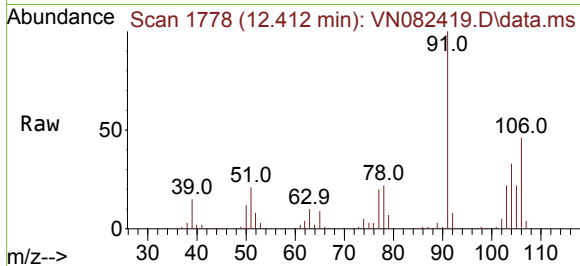




#70
Styrene
Concen: 18.231 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

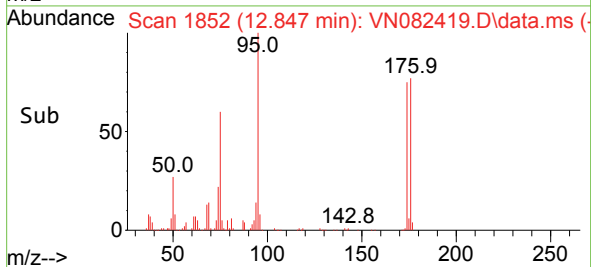
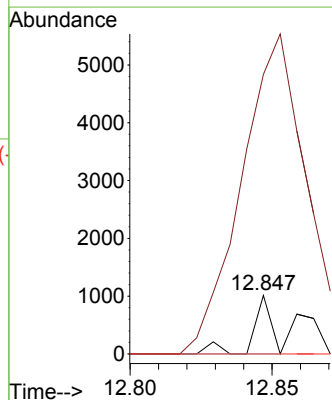
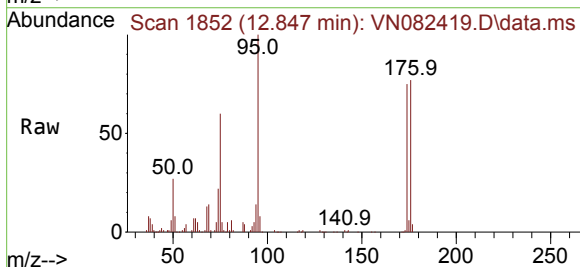
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

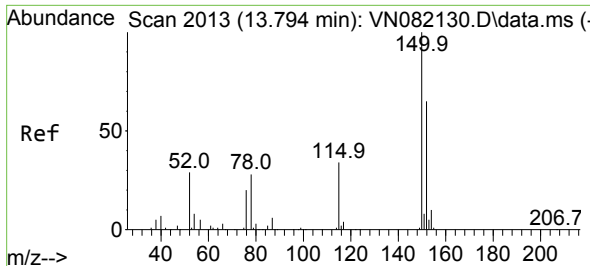
Tgt Ion:104 Resp: 129518
Ion Ratio Lower Upper
104 100
78 80.5 38.6 58.0#
103 75.7 43.8 65.6#



#71
Bromoform
Concen: 0.942 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion:173 Resp: 432
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

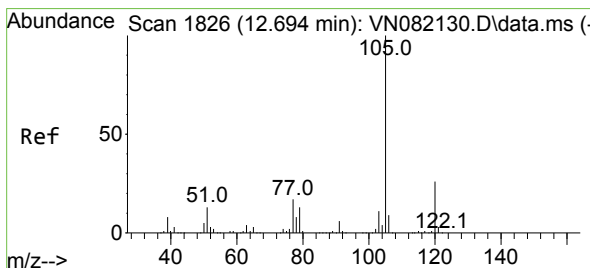
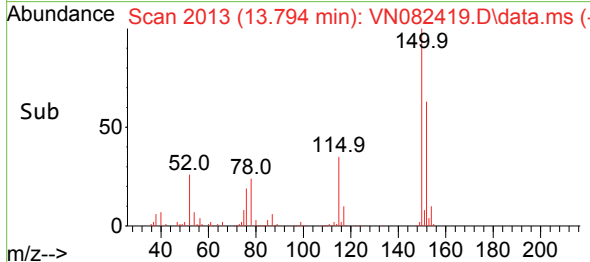
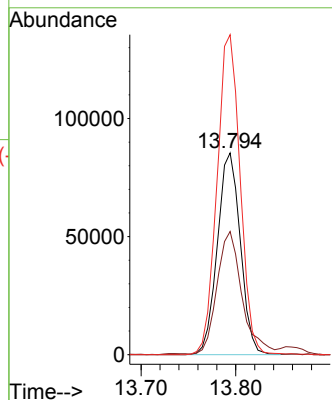
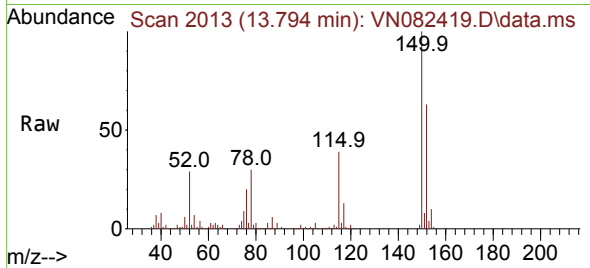




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

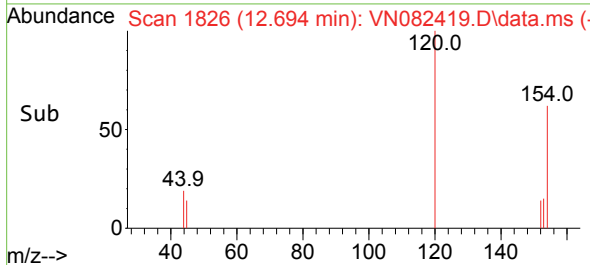
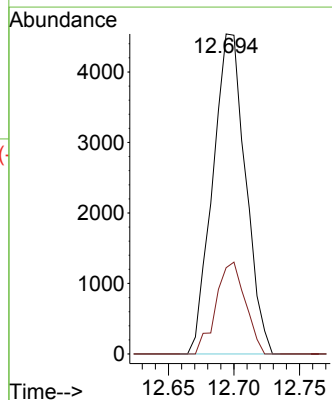
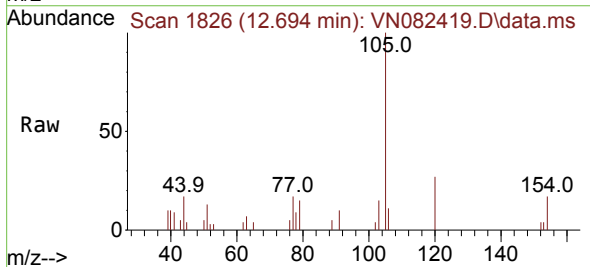
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

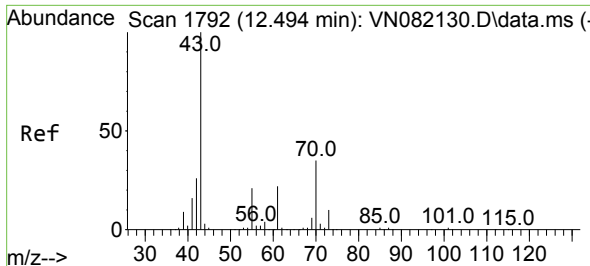
Tgt Ion:152 Resp: 144066
Ion Ratio Lower Upper
152 100
115 66.4 30.4 91.3
150 159.7 0.0 353.2



#73
Isopropylbenzene
Concen: 0.690 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion:105 Resp: 7901
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

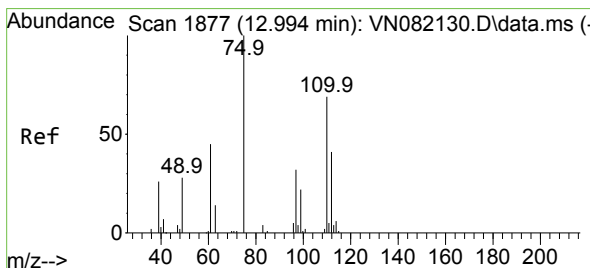
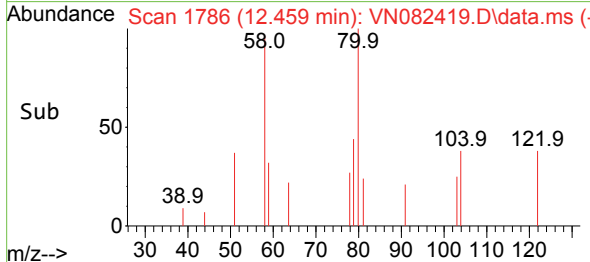
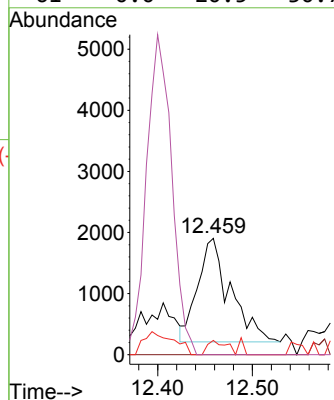
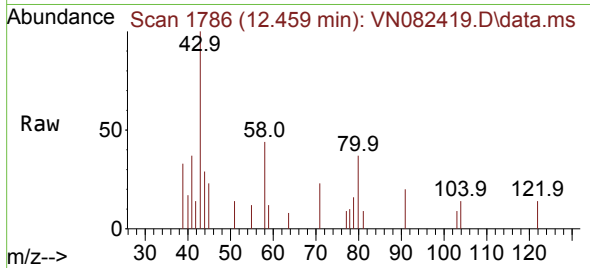




#74
N-amy1 acetate
Concen: 0.642 ug/l
RT: 12.459 min Scan# 1786
Delta R.T. -0.035 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

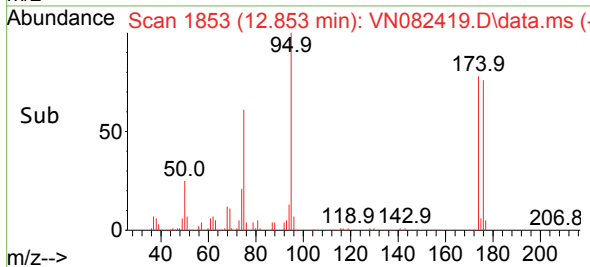
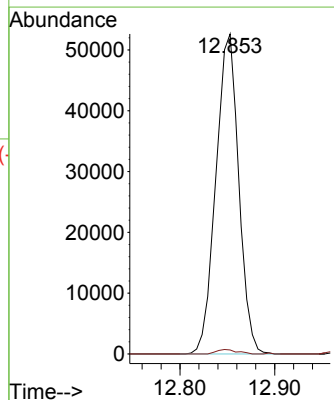
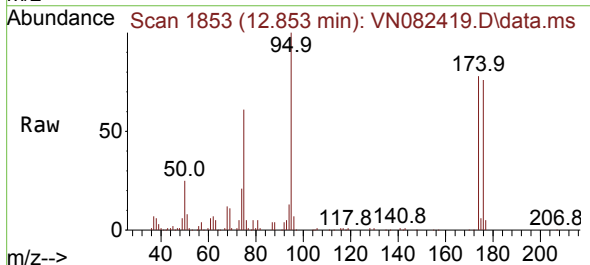
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

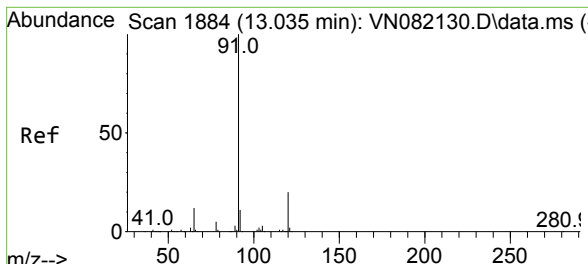
Tgt Ion:	43	Resp:	4043
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.4#
55	7.8	21.3	31.9#
61	0.0	20.5	30.7#



#76
1,2,3-Trichloropropane
Concen: 29.070 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion:	75	Resp:	88147
Ion	Ratio	Lower	Upper
75	100		
77	1.3	90.5	271.3#

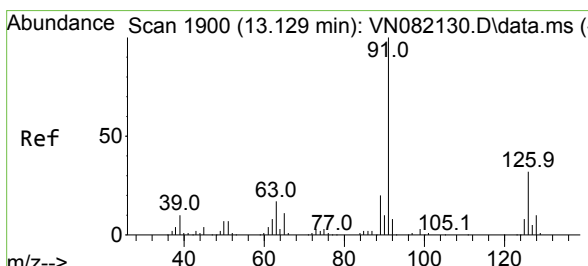
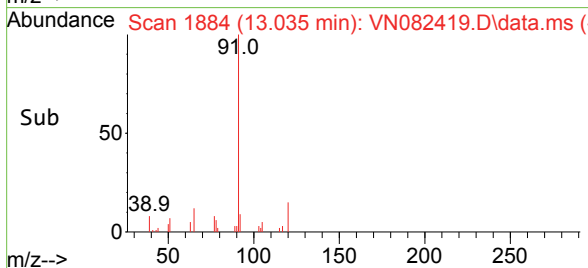
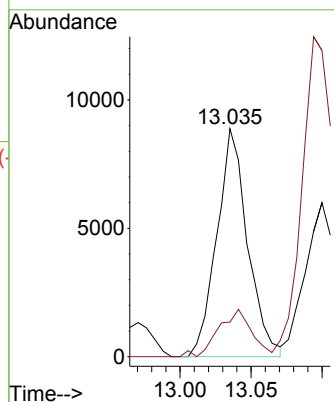
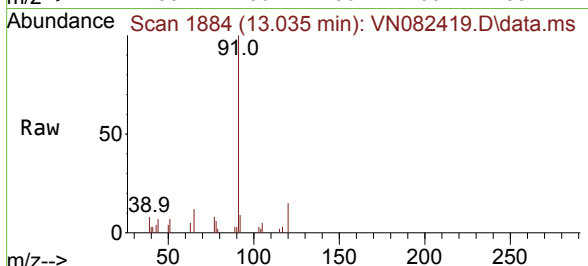




#78
n-propylbenzene
Concen: 0.985 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

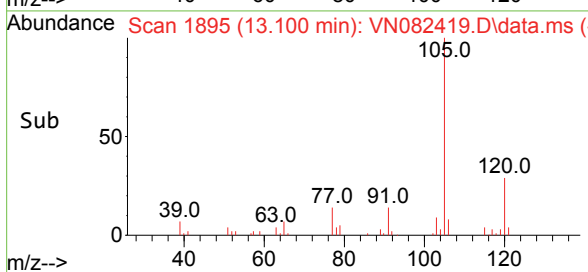
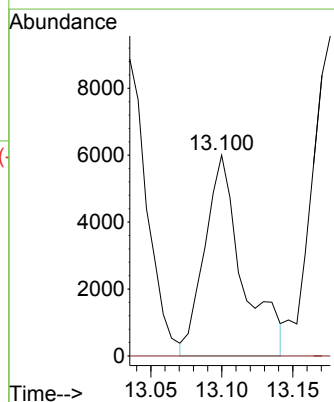
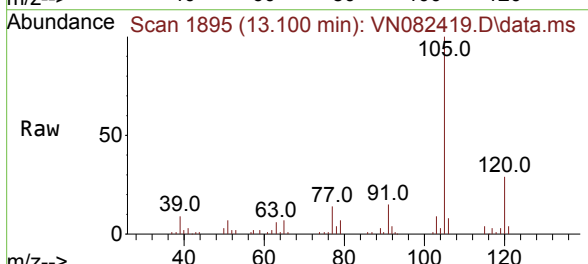
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

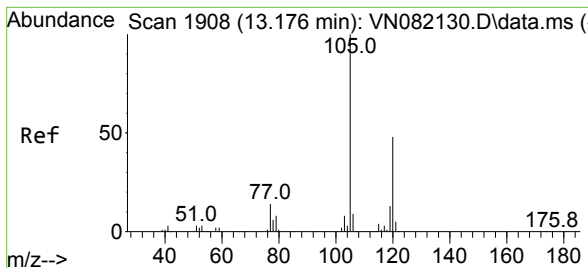
Tgt Ion: 91 Resp: 13352
Ion Ratio Lower Upper
91 100
120 22.4 11.7 35.0



#79
2-Chlorotoluene
Concen: 1.297 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.029 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion: 91 Resp: 11042
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#





#80

1,3,5-Trimethylbenzene

Concen: 14.070 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

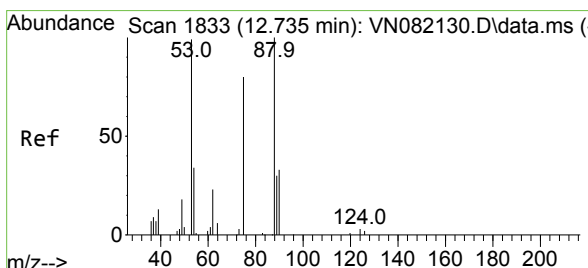
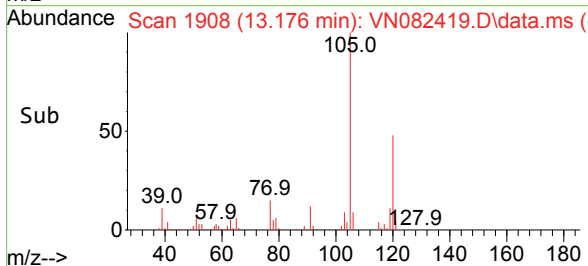
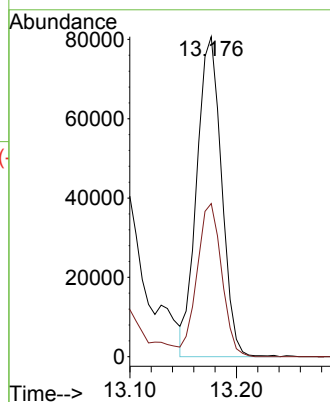
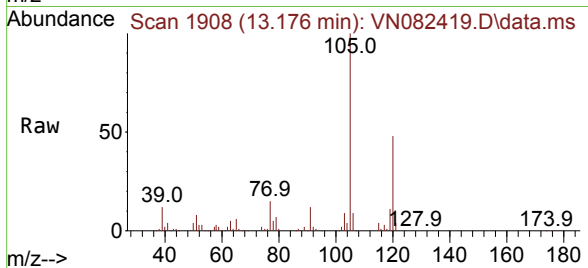
4-AB-VOC

Tgt Ion:105 Resp: 130216

Ion Ratio Lower Upper

105 100

120 47.6 24.8 74.3



#81

trans-1,4-Dichloro-2-butene

Concen: 67.993 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

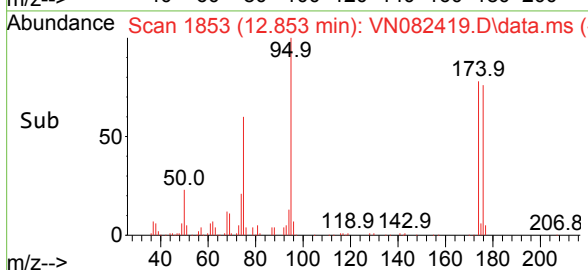
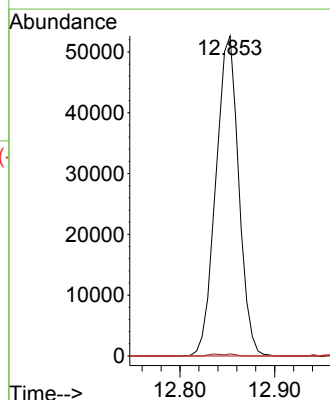
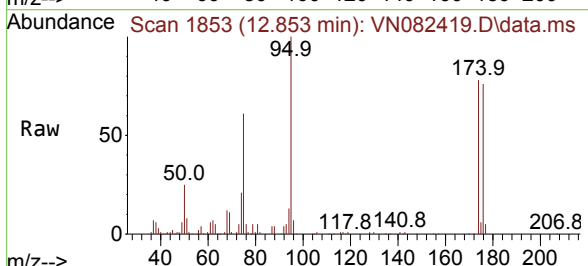
Tgt Ion: 75 Resp: 88147

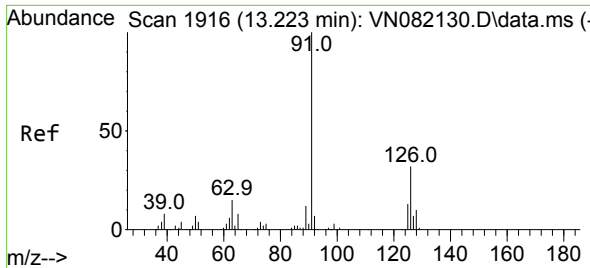
Ion Ratio Lower Upper

75 100

53 0.6 72.9 109.3#

89 0.0 39.1 58.7#

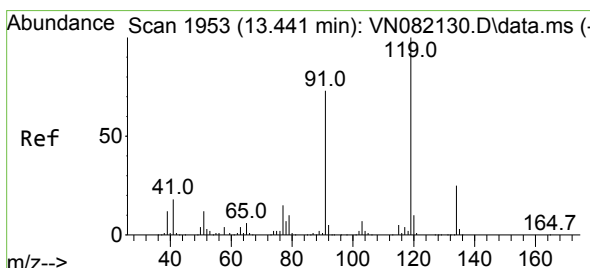
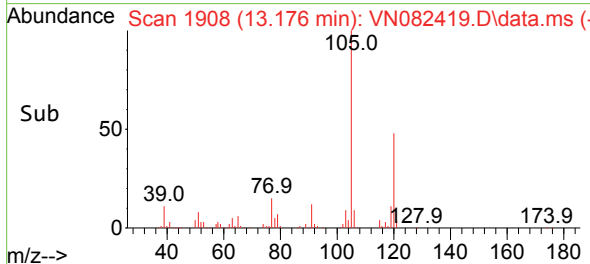
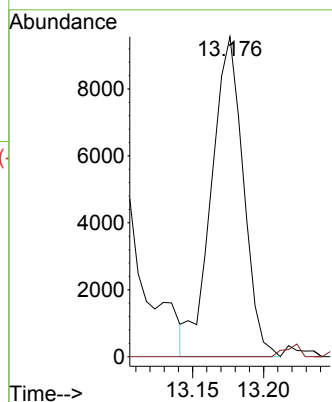
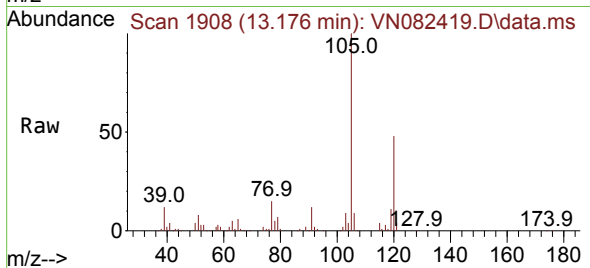




#82
4-Chlorotoluene
Concen: 1.792 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.047 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

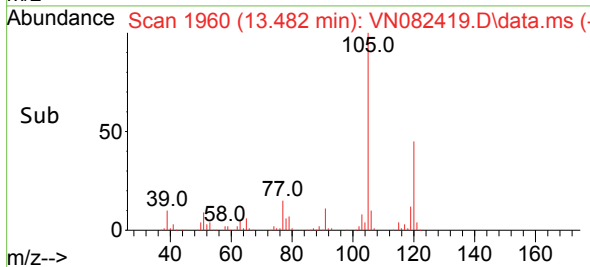
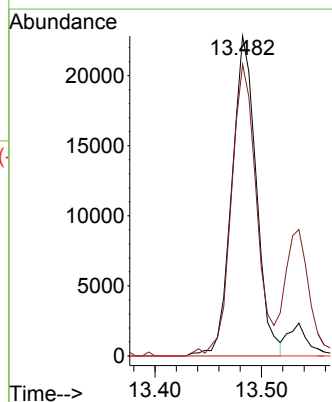
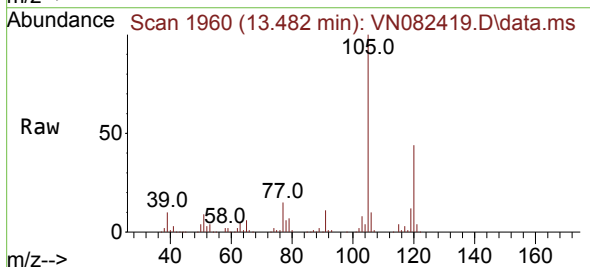
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

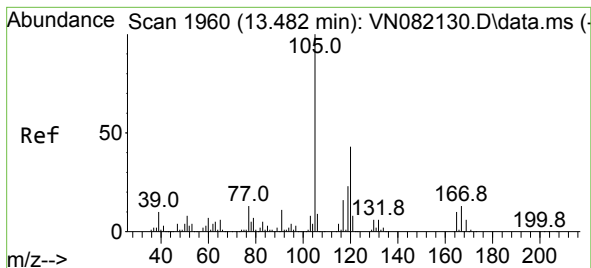
Tgt Ion: 91 Resp: 14910
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#



#83
tert-Butylbenzene
Concen: 4.480 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.041 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion: 119 Resp: 36271
Ion Ratio Lower Upper
119 100
91 94.1 32.6 97.8
134 0.0 12.4 37.0#





#84

1,2,4-Trimethylbenzene

Concen: 33.031 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

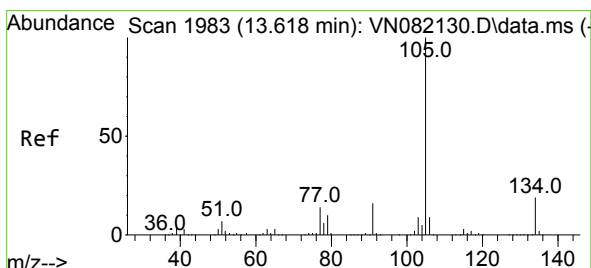
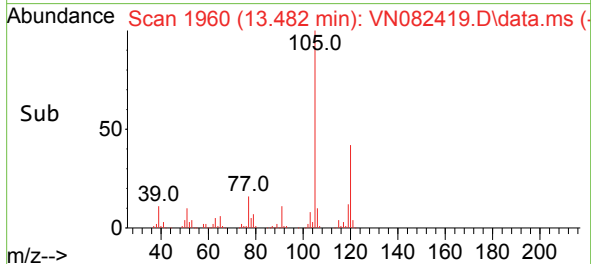
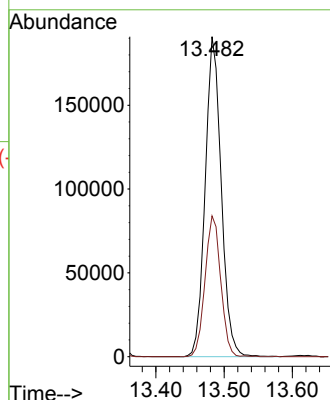
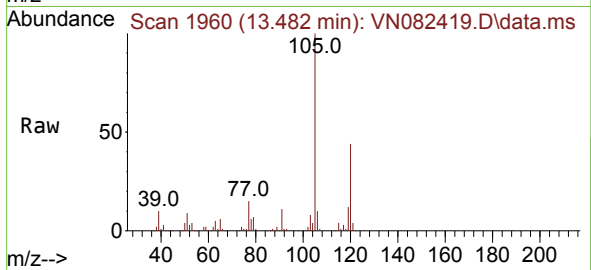
4-AB-VOC

Tgt Ion:105 Resp: 312740

Ion Ratio Lower Upper

105 100

120 43.0 22.9 68.7



#85

sec-Butylbenzene

Concen: 27.868 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN082419.D

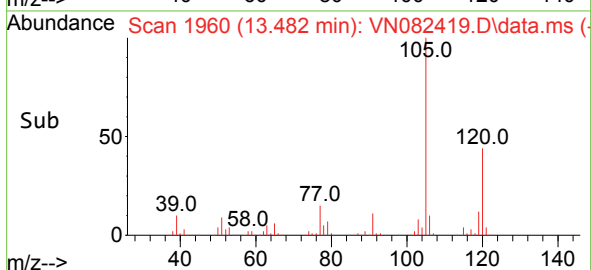
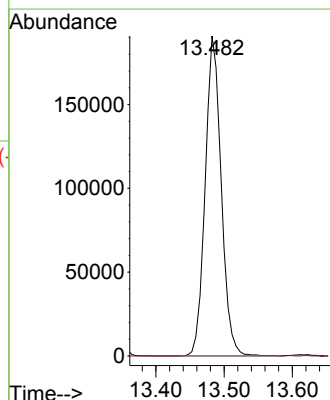
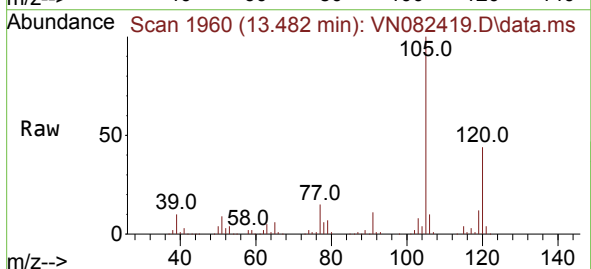
Acq: 31 May 2024 19:35

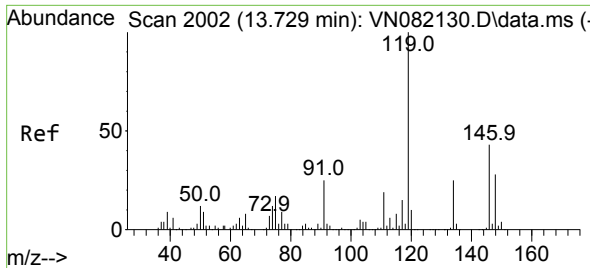
Tgt Ion:105 Resp: 312740

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#

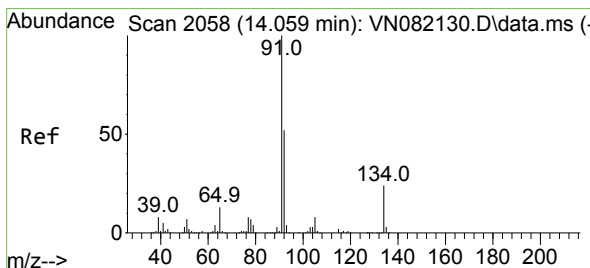
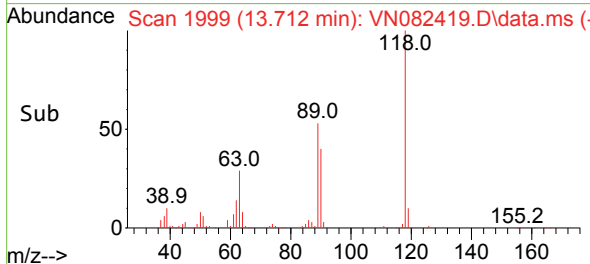
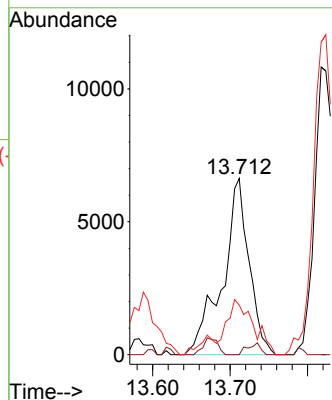
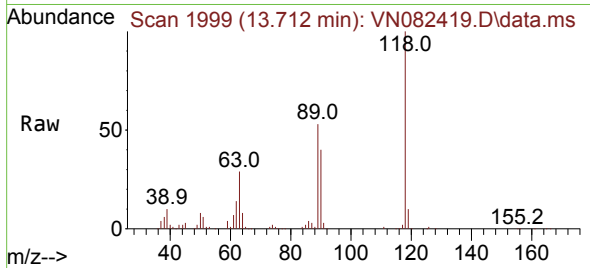




#86
p-Isopropyltoluene
Concen: 1.736 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.018 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

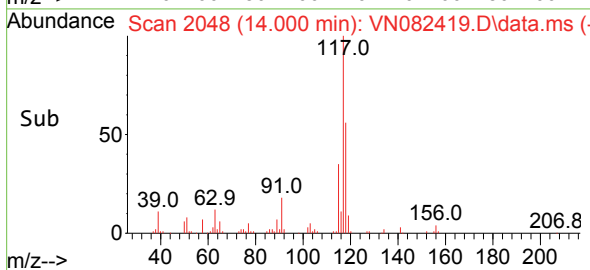
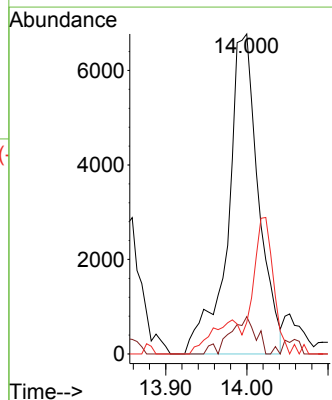
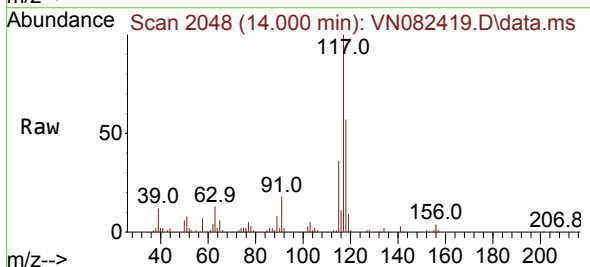
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

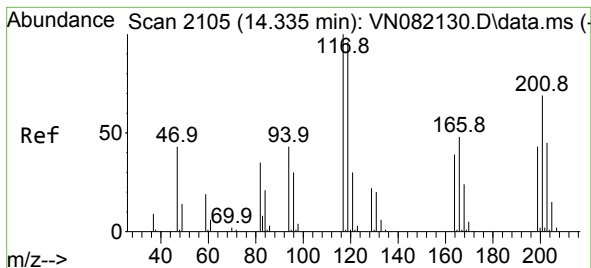
Tgt Ion:119 Resp: 15836
Ion Ratio Lower Upper
119 100
134 0.0 13.2 39.5#
91 31.2 11.8 35.3



#89
n-Butylbenzene
Concen: 2.163 ug/l
RT: 14.000 min Scan# 2048
Delta R.T. -0.059 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion: 91 Resp: 17727
Ion Ratio Lower Upper
91 100
92 9.9 26.2 78.5#
134 10.0 13.2 39.5#





#90

Hexachloroethane

Concen: 5.317 ug/l

RT: 14.453 min Scan# 2105

Delta R.T. 0.118 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

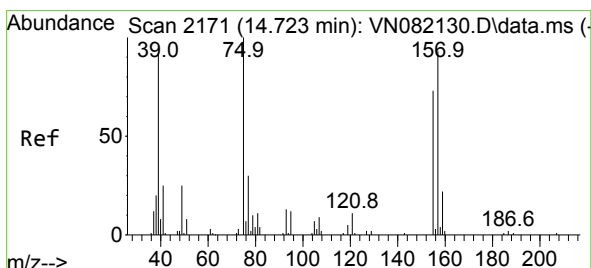
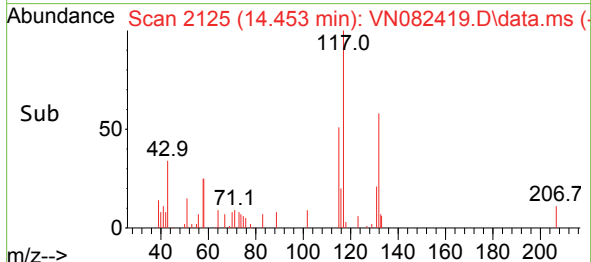
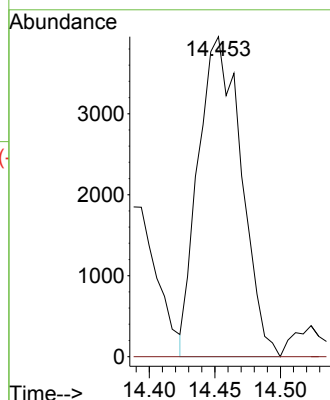
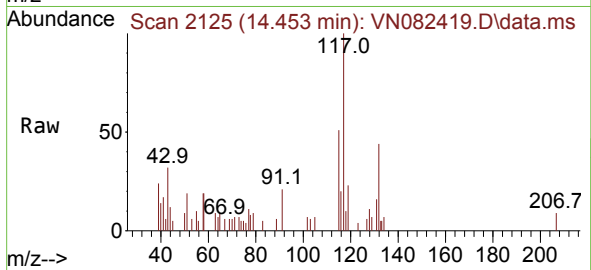
4-AB-VOC

Tgt Ion:117 Resp: 8985

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.373 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

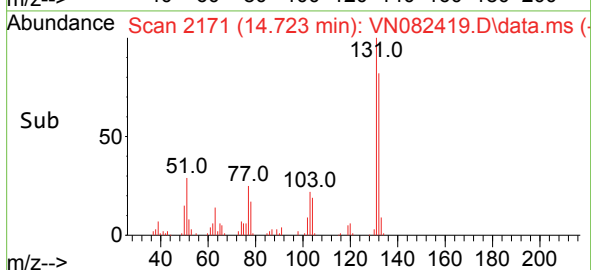
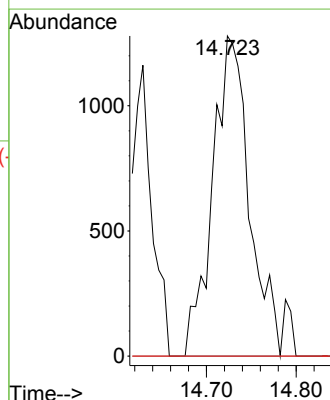
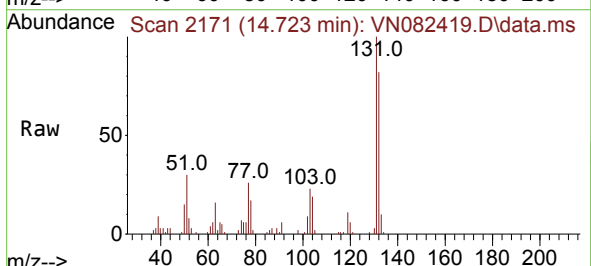
Tgt Ion: 75 Resp: 3642

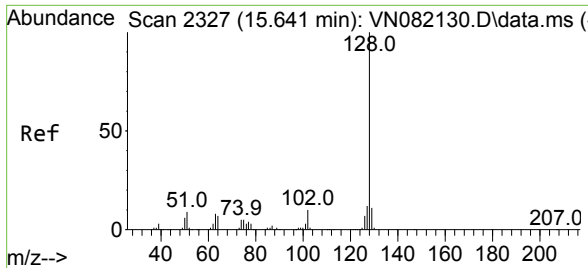
Ion Ratio Lower Upper

75 100

155 0.0 42.6 128.0#

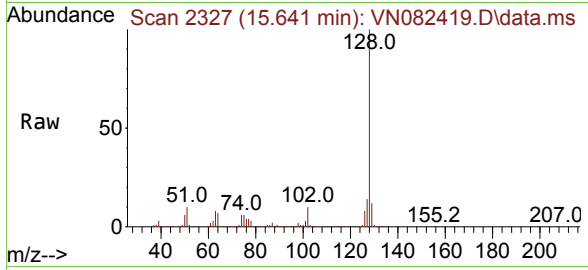
157 0.0 53.0 159.0#





#95
Naphthalene
Concen: 1825.528 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC



Tgt Ion:128 Resp:14999657
Ion Ratio Lower Upper
128 100
127 13.8 10.1 15.1
129 11.4 8.9 13.3

