

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082416.D
 Acq On : 31 May 2024 18:23
 Operator : JC\MD
 Sample : P2657-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1-AB-VOC

Quant Time: May 31 23:01:40 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)

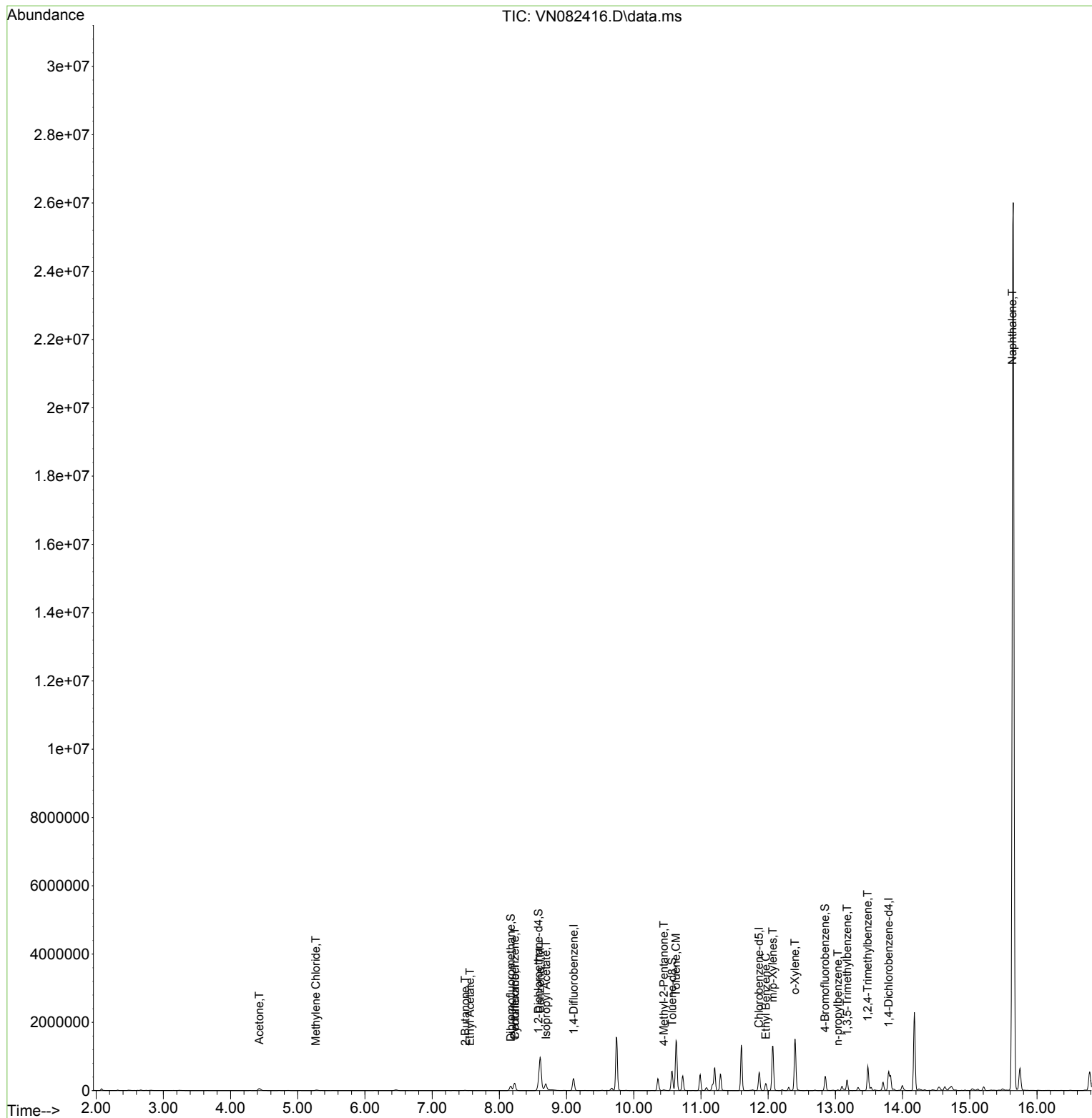
Internal Standards						
1) Pentafluorobenzene	8.230	168	148749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	280020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130143	55.409	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.820%
35) Dibromofluoromethane	8.171	113	93202	54.107	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.220%
50) Toluene-d8	10.571	98	368681	55.826	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.660%
62) 4-Bromofluorobenzene	12.847	95	131020	55.584	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	111.160%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	118678	123.172	ug/l	91
20) Methylene Chloride	5.271	84	12254	6.304	ug/l	88
25) 2-Butanone	7.494	43	17943	12.283	ug/l #	83
31) Cyclohexane	8.235	56	8192	2.184	ug/l #	71
37) Ethyl Acetate	7.565	43	5025	1.554	ug/l #	81
40) Benzene	8.606	78	885399	102.774	ug/l	100
43) Isopropyl Acetate	8.694	43	281425	49.124	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	20281	6.231	ug/l #	74
52) Toluene	10.629	92	614072	118.778	ug/l	98
67) Ethyl Benzene	11.965	91	134584	12.249	ug/l	97
68) m/p-Xylenes	12.070	106	383817	95.313	ug/l	93
69) o-Xylene	12.400	106	359639	92.198	ug/l	91
78) n-propylbenzene	13.035	91	16824	1.327	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	165277	19.088	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	386190	43.595	ug/l	94
95) Naphthalene	15.635	128	19839628	2580.741	ug/l #	93

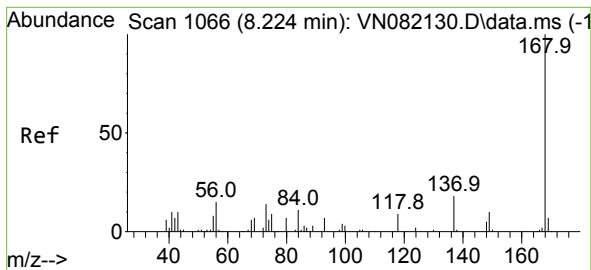
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN082416.D

Acq: 31 May 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

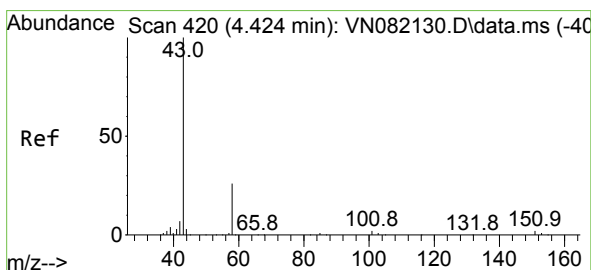
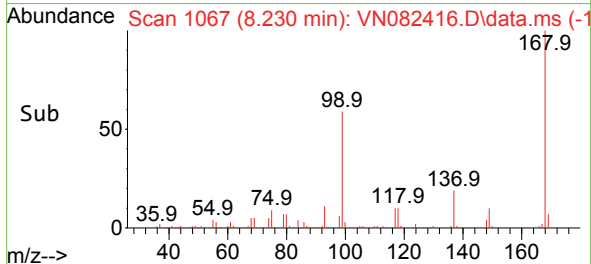
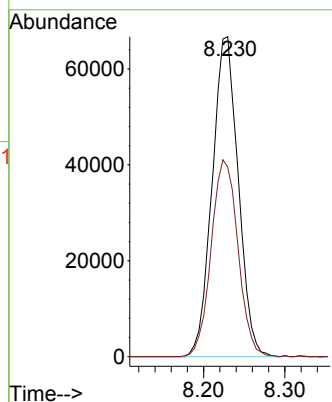
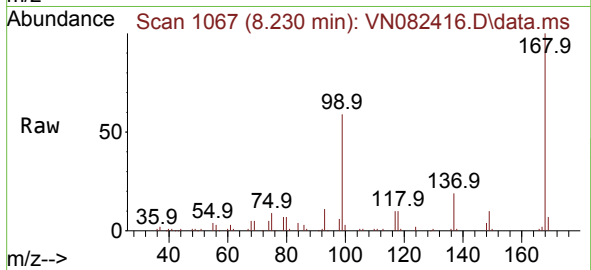
1-AB-VOC

Tgt Ion:168 Resp: 148749

Ion Ratio Lower Upper

168 100

99 59.3 48.2 72.4



#16

Acetone

Concen: 123.172 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN082416.D

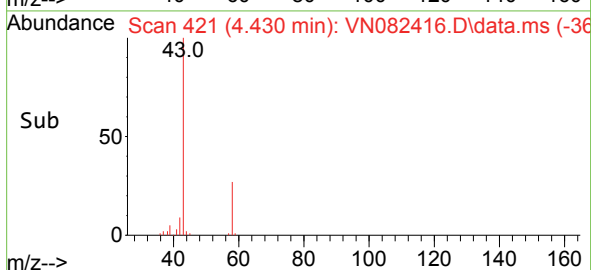
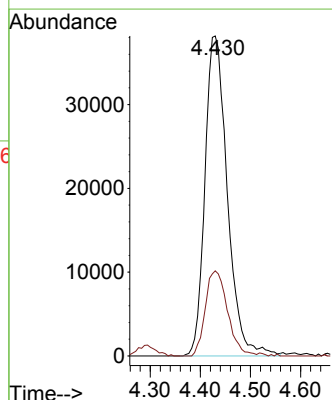
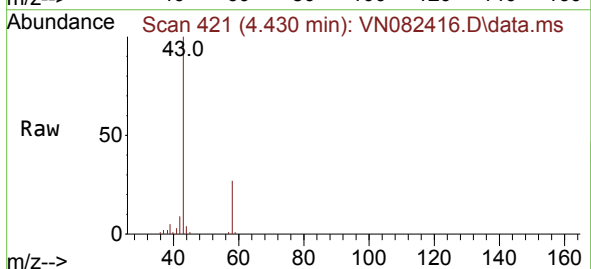
Acq: 31 May 2024 18:23

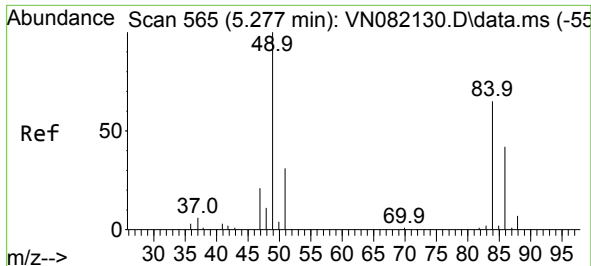
Tgt Ion: 43 Resp: 118678

Ion Ratio Lower Upper

43 100

58 26.6 25.2 37.8

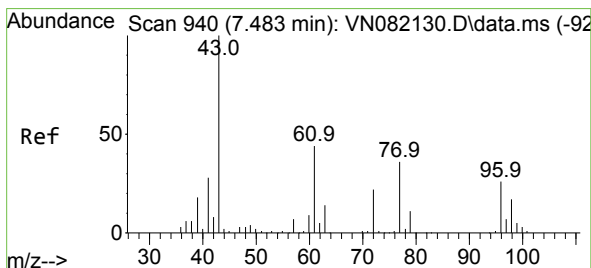
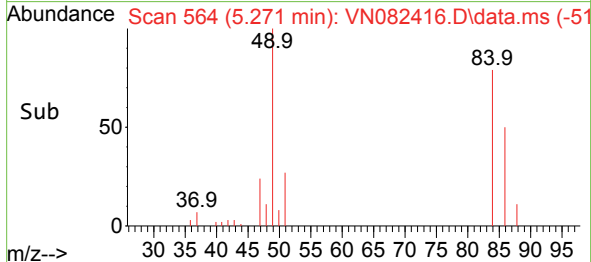
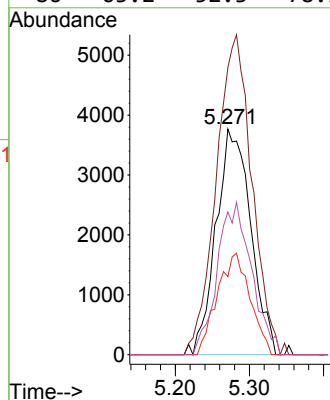
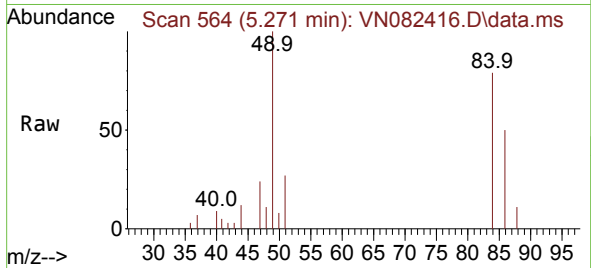




#20
Methylene Chloride
Concen: 6.304 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

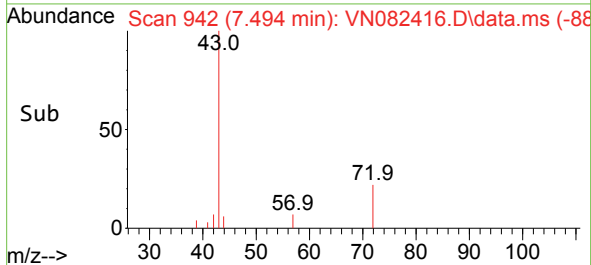
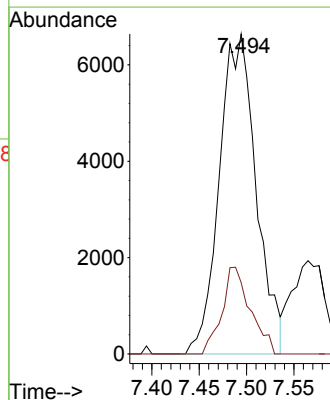
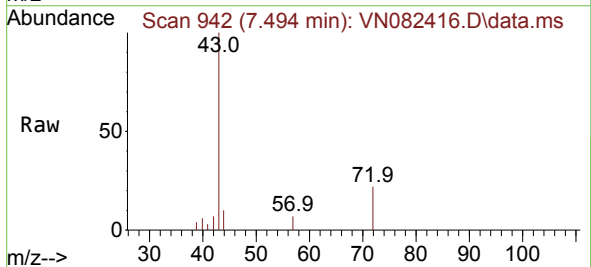
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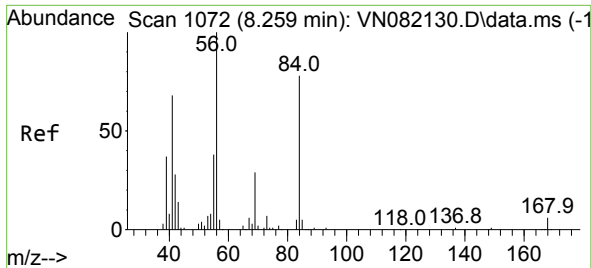
Tgt Ion: 84	Resp: 12254
Ion Ratio	Lower Upper
84 100	
49 127.2	84.9 127.3
51 34.6	27.0 40.6
86 63.2	52.3 78.5



#25
2-Butanone
Concen: 12.283 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

Tgt Ion: 43	Resp: 17943		
Ion Ratio	Lower	Upper	
43 100			
72 22.3	25.3	37.9#	

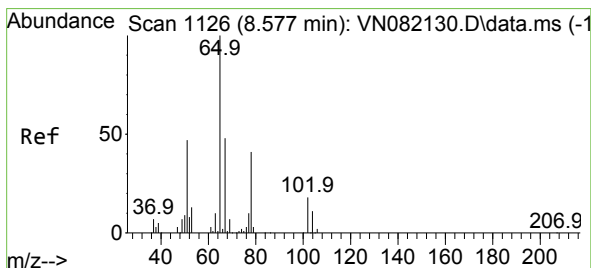
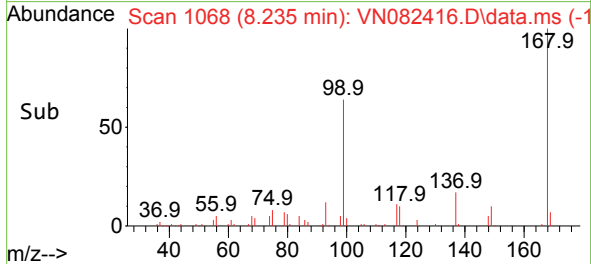
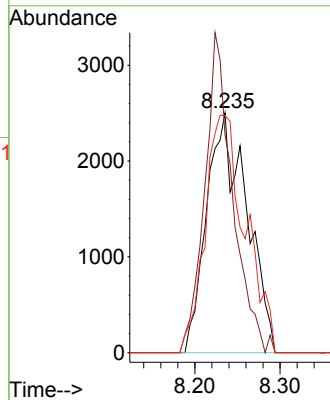
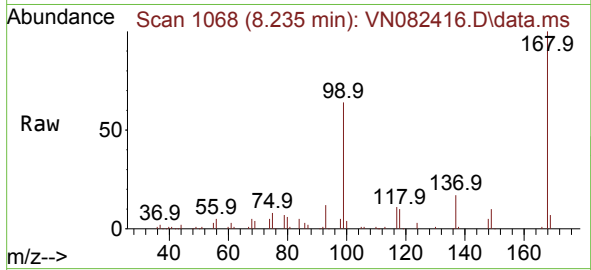




#31
Cyclohexane
Concen: 2.184 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

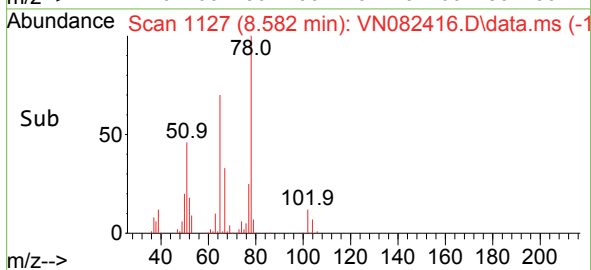
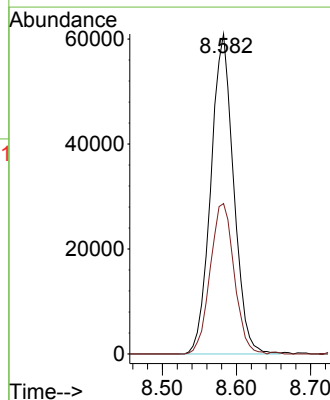
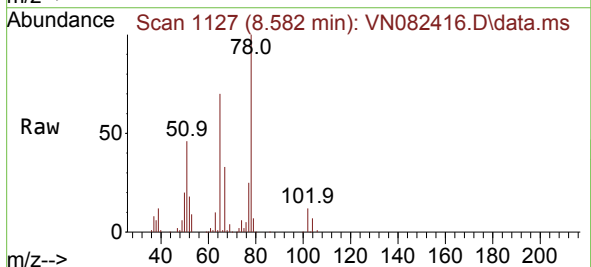
Instrument :
MSVOA_N
ClientSampleId :
1-AB-VOC

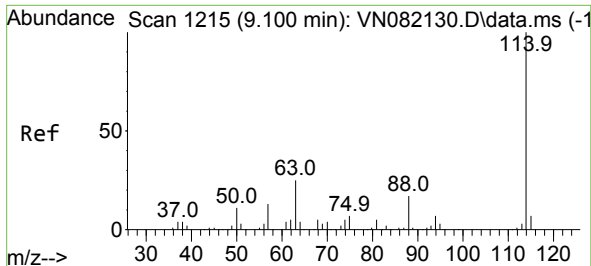
Tgt Ion: 56 Resp: 8192
Ion Ratio Lower Upper
56 100
69 90.8 24.4 36.6#
84 98.8 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 55.409 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

Tgt Ion: 65 Resp: 130143
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.0

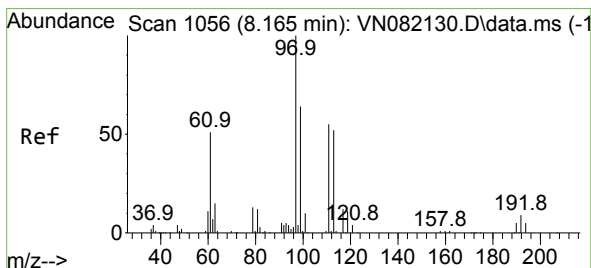
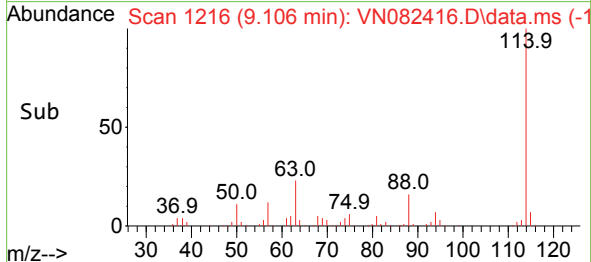
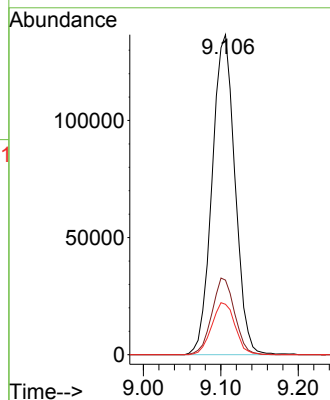
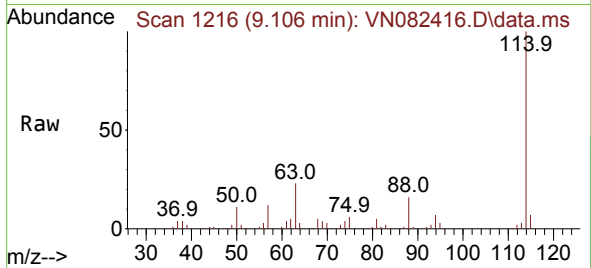




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

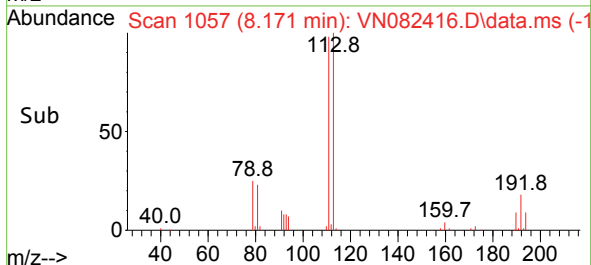
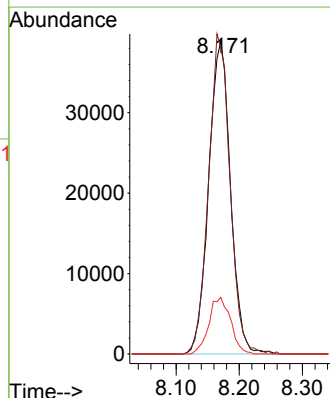
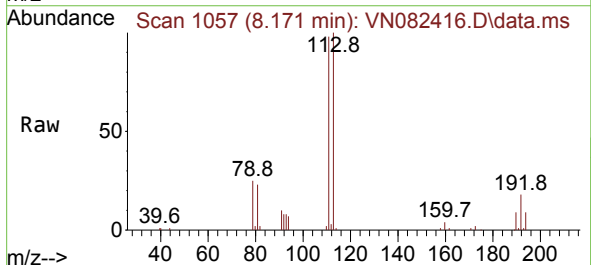
Instrument :
MSVOA_N
ClientSampleId :
1-AB-VOC

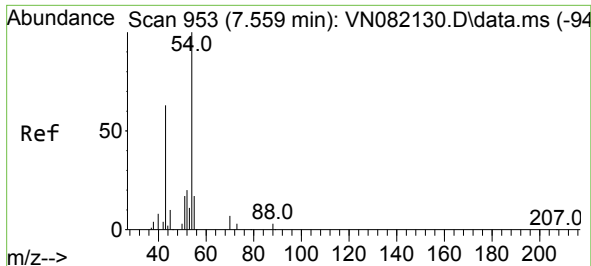
Tgt Ion:114 Resp: 280020
Ion Ratio Lower Upper
114 100
63 23.3 0.0 41.0
88 15.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.107 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

Tgt Ion:113 Resp: 93202
Ion Ratio Lower Upper
113 100
111 100.6 83.4 125.2
192 18.1 14.0 21.0

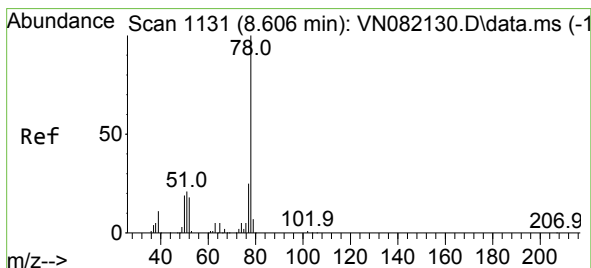
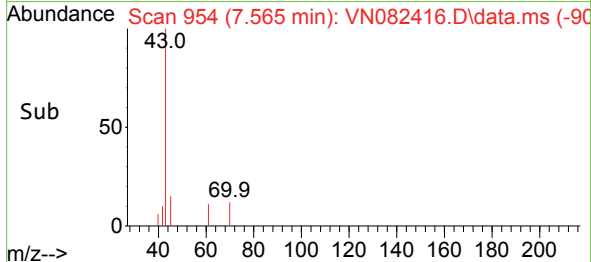
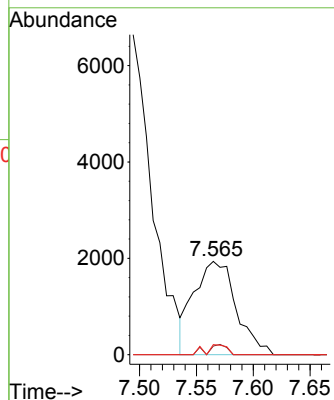
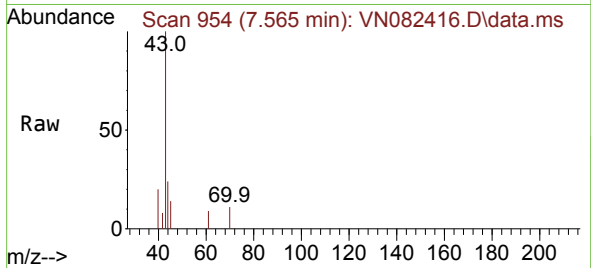




#37
Ethyl Acetate
Concen: 1.554 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

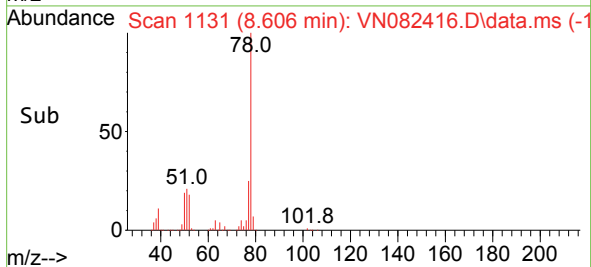
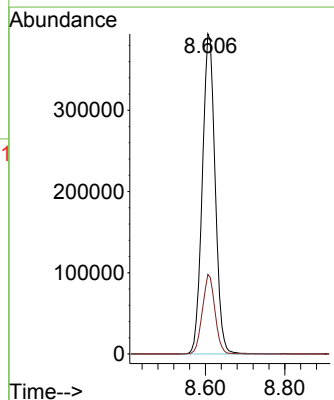
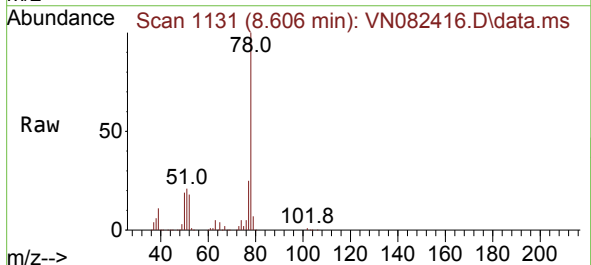
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ClientSampleId :
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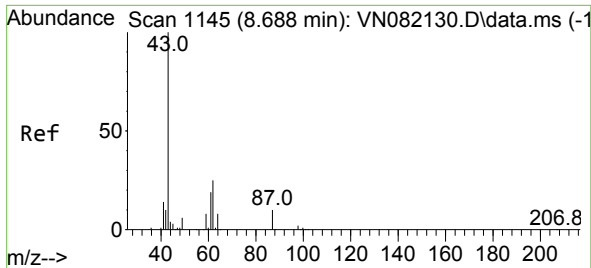
Tgt Ion: 43 Resp: 5025
Ion Ratio Lower Upper
43 100
61 4.9 11.3 16.9#
70 5.2 8.7 13.1#



#40
Benzene
Concen: 102.774 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

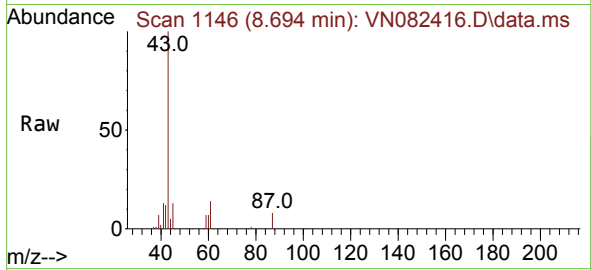
Tgt Ion: 78 Resp: 885399
Ion Ratio Lower Upper
78 100
77 24.9 20.0 30.0



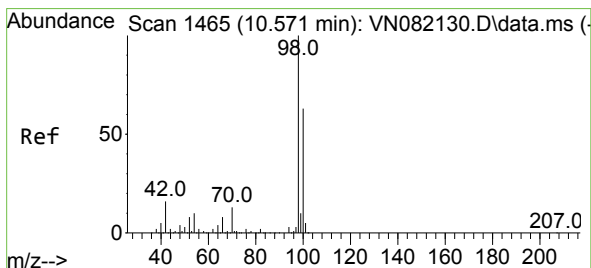
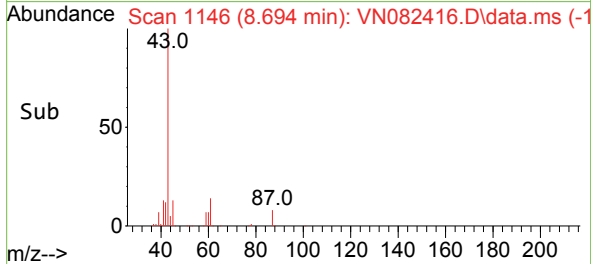
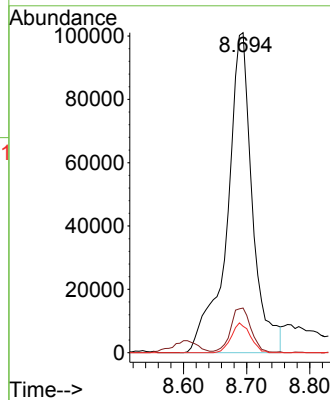


#43
Isopropyl Acetate
Concen: 49.124 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

Instrument :
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ClientSampleId :
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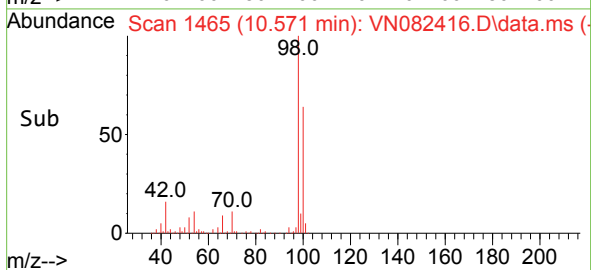
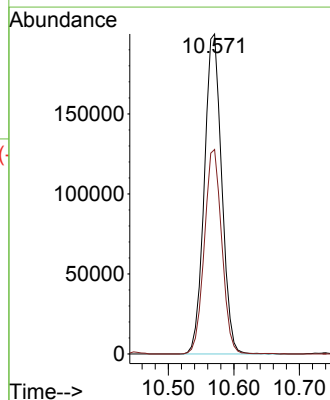
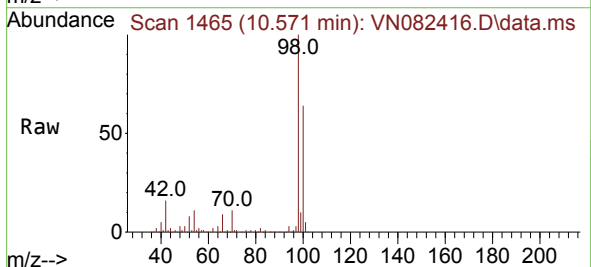


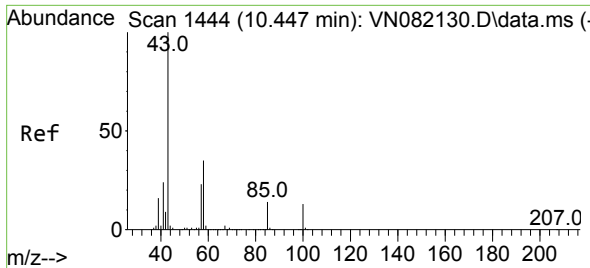
Tgt Ion: 43 Resp: 281425
Ion Ratio Lower Upper
43 100
61 11.3 22.8 34.2#
87 7.0 12.0 18.0#



#50
Toluene-d8
Concen: 55.826 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

Tgt Ion: 98 Resp: 368681
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

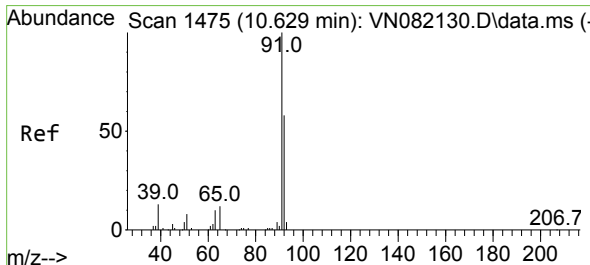
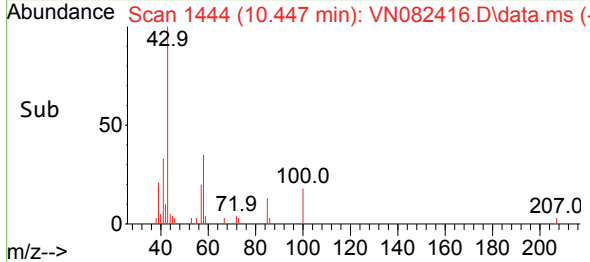
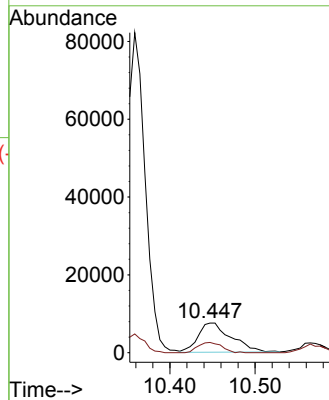
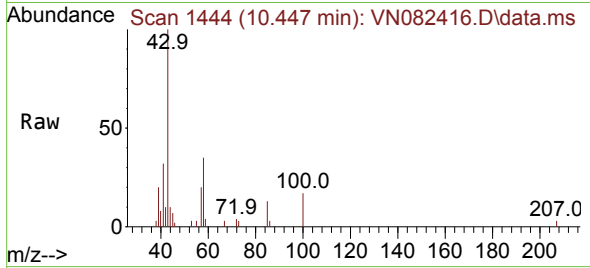




#51
4-Methyl-2-Pentanone
Concen: 6.231 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

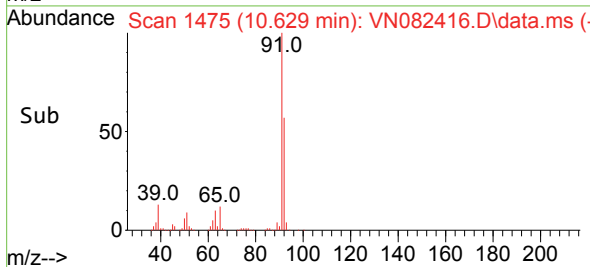
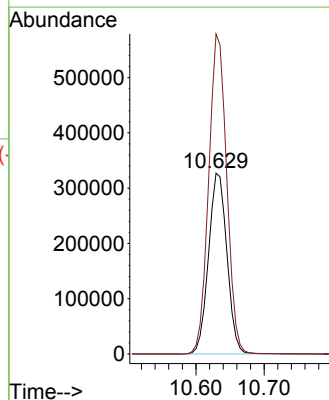
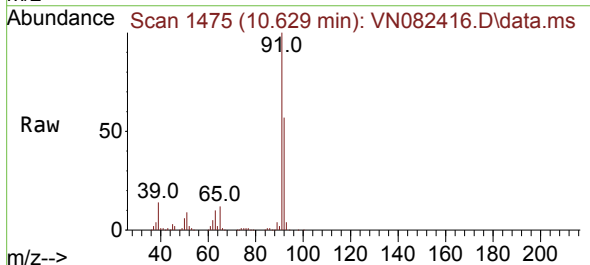
Instrument :
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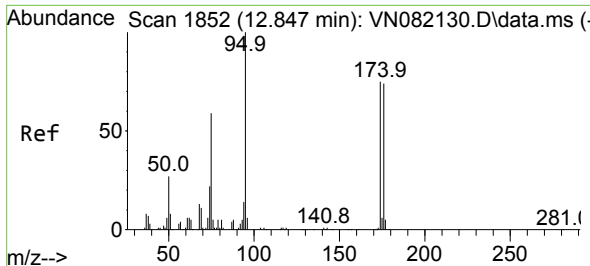
Tgt Ion: 43 Resp: 20281
Ion Ratio Lower Upper
43 100
58 25.3 33.2 49.8#



#52
Toluene
Concen: 118.778 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

Tgt Ion: 92 Resp: 614072
Ion Ratio Lower Upper
92 100
91 173.6 136.7 205.1

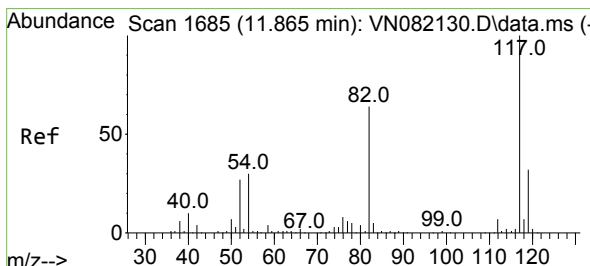
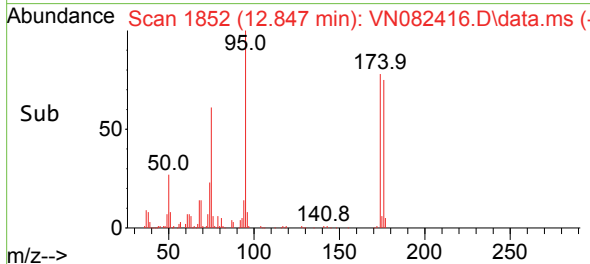
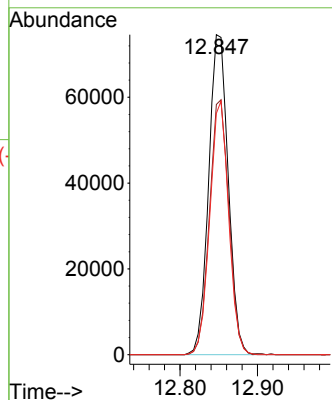
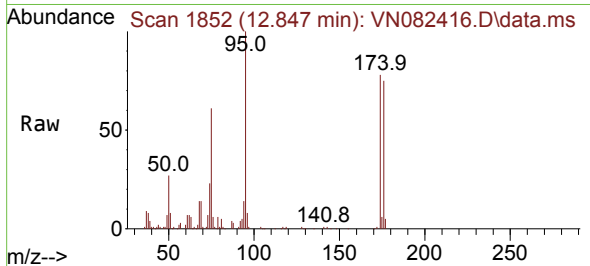




#62
4-Bromofluorobenzene
Concen: 55.584 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

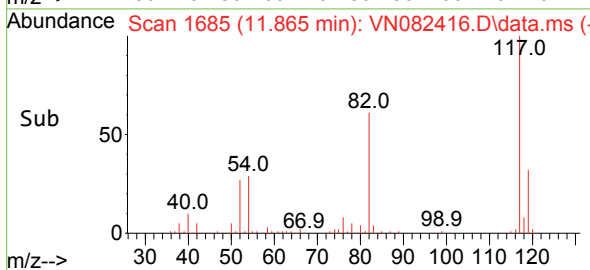
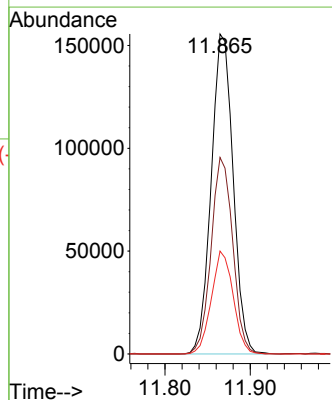
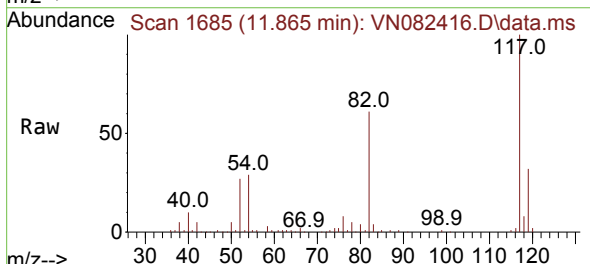
Instrument :
MSVOA_N
ClientSampleId :
1-AB-VOC

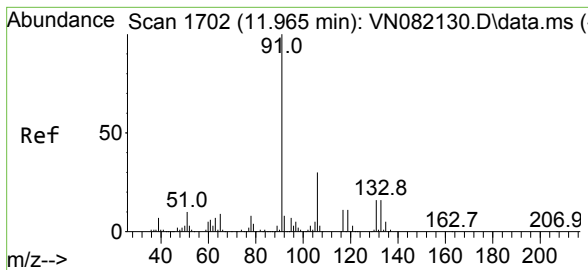
Tgt Ion: 95 Resp: 131020
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.6
176 76.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

Tgt Ion: 117 Resp: 278029
Ion Ratio Lower Upper
117 100
82 61.4 44.6 66.8
119 32.2 25.9 38.9

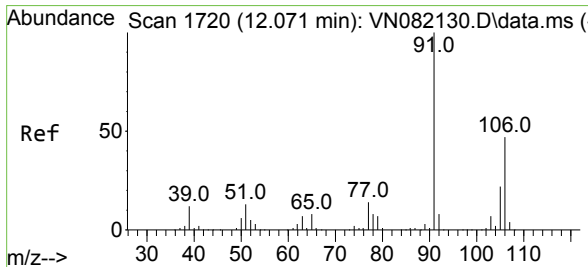
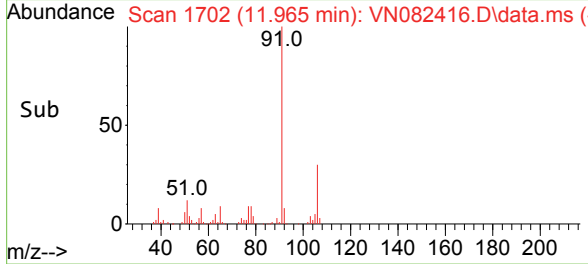
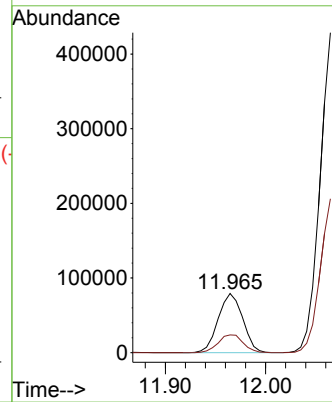
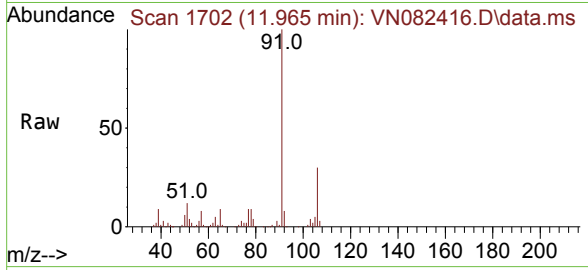




#67
Ethyl Benzene
Concen: 12.249 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

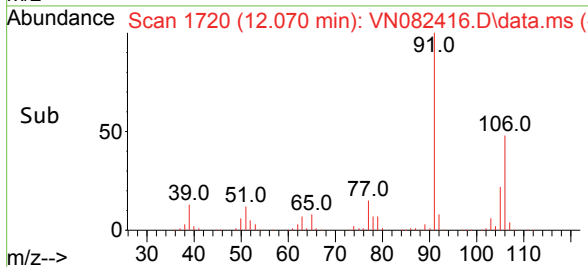
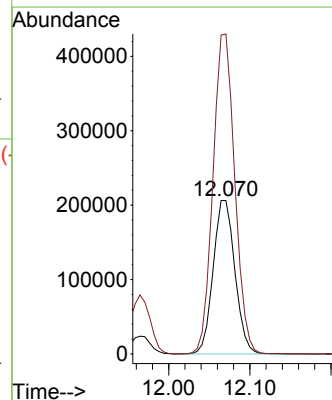
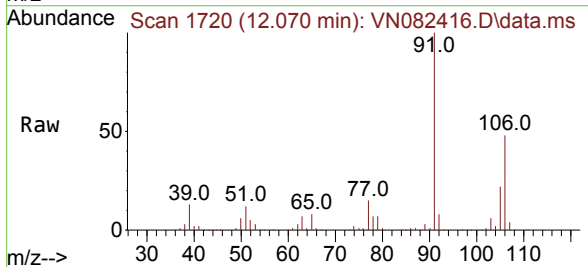
Instrument :
MSVOA_N
ClientSampleId :
1-AB-VOC

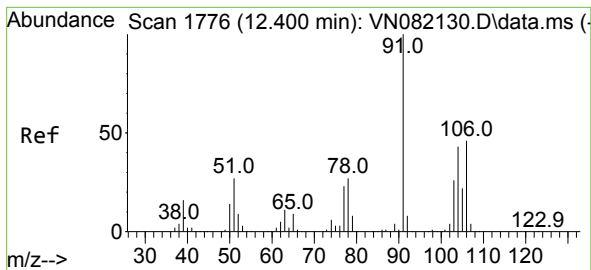
Tgt Ion: 91 Resp: 134584
Ion Ratio Lower Upper
91 100
106 30.0 25.3 37.9



#68
m/p-Xylenes
Concen: 95.313 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

Tgt Ion:106 Resp: 383817
Ion Ratio Lower Upper
106 100
91 209.3 159.4 239.0

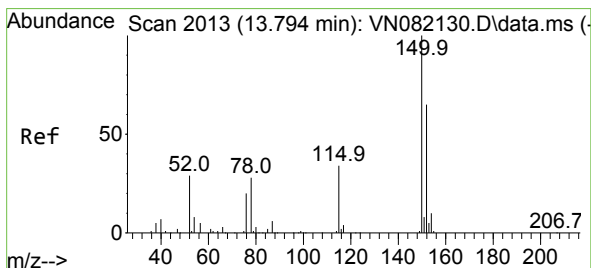
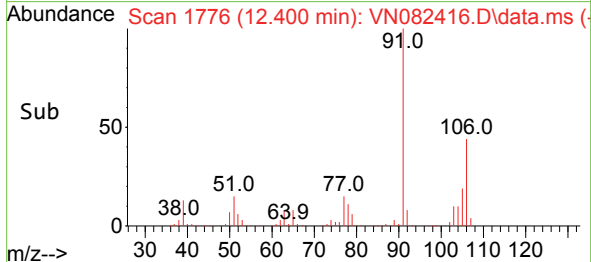
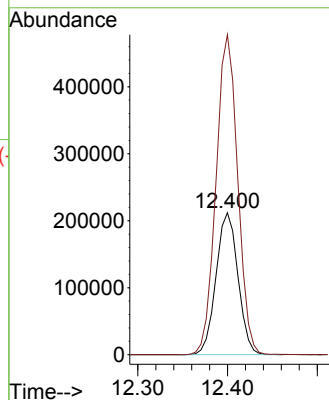
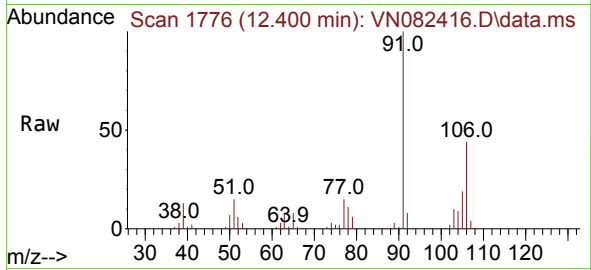




#69
o-Xylene
Concen: 92.198 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

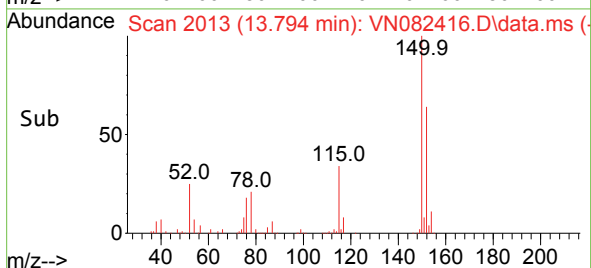
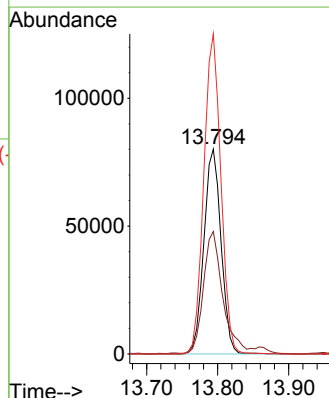
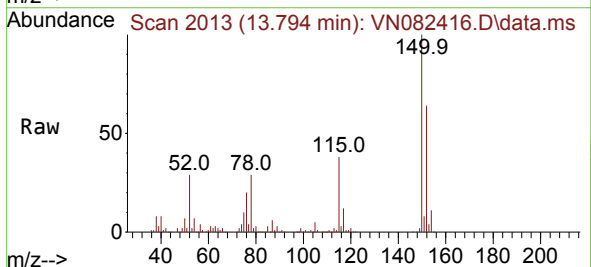
Instrument :
MSVOA_N
ClientSampleId :
1-AB-VOC

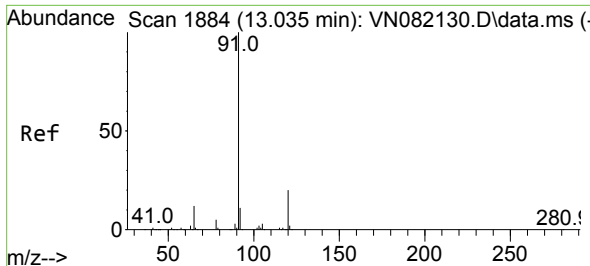
Tgt Ion:106 Resp: 359639
Ion Ratio Lower Upper
106 100
91 222.9 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

Tgt Ion:152 Resp: 134790
Ion Ratio Lower Upper
152 100
115 67.6 30.4 91.3
150 155.4 0.0 353.2

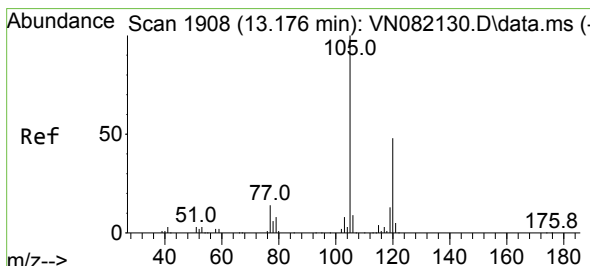
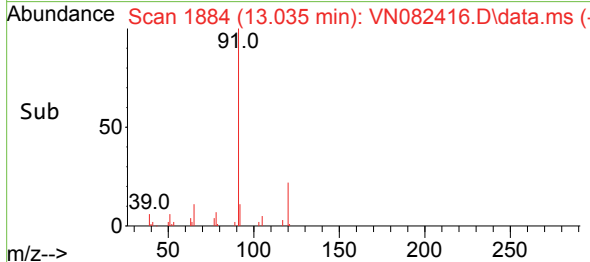
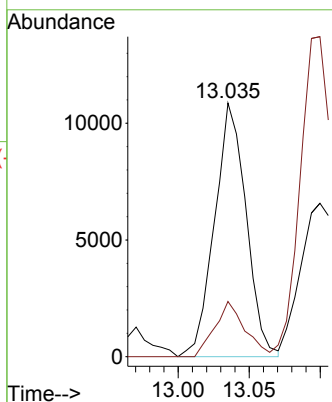
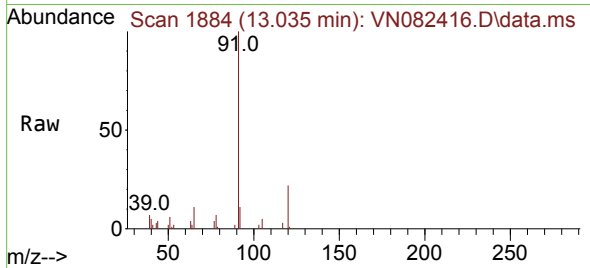




#78
n-propylbenzene
Concen: 1.327 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

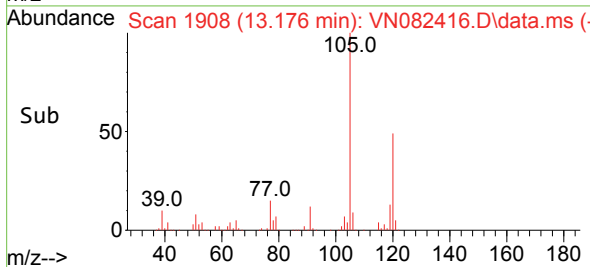
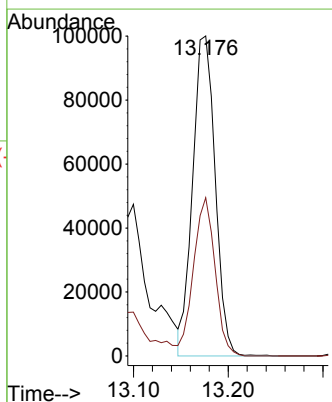
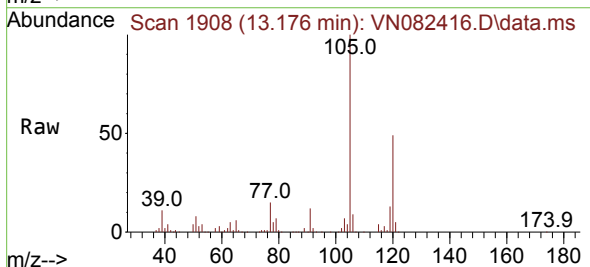
Instrument :
MSVOA_N
ClientSampleId :
1-AB-VOC

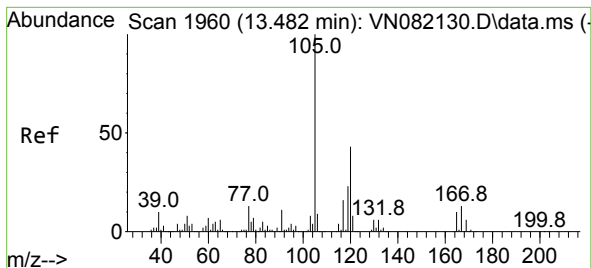
Tgt Ion: 91 Resp: 16824
Ion Ratio Lower Upper
91 100
120 20.7 11.7 35.0



#80
1,3,5-Trimethylbenzene
Concen: 19.088 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082416.D
Acq: 31 May 2024 18:23

Tgt Ion:105 Resp: 165277
Ion Ratio Lower Upper
105 100
120 47.3 24.8 74.3





#84

1,2,4-Trimethylbenzene

Concen: 43.595 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082416.D

Acq: 31 May 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

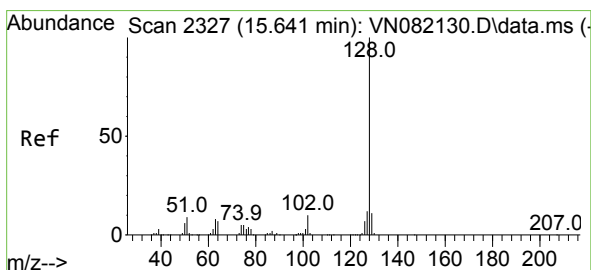
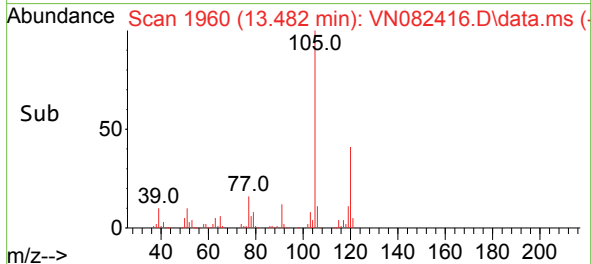
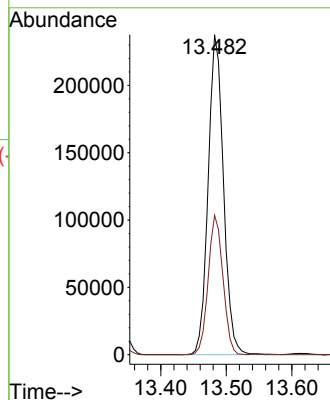
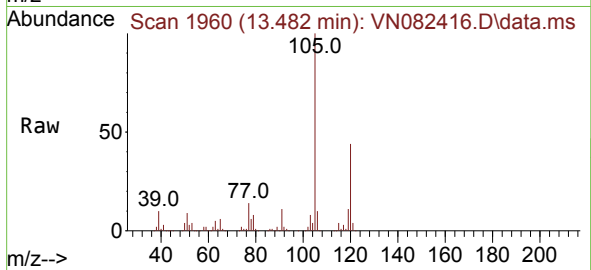
1-AB-VOC

Tgt Ion:105 Resp: 386190

Ion Ratio Lower Upper

105 100

120 42.0 22.9 68.7



#95

Naphthalene

Concen: 2580.741 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN082416.D

Acq: 31 May 2024 18:23

Tgt Ion:128 Resp:19839628

Ion Ratio Lower Upper

128 100

127 16.0 10.1 15.1#

129 13.3 8.9 13.3

