

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)

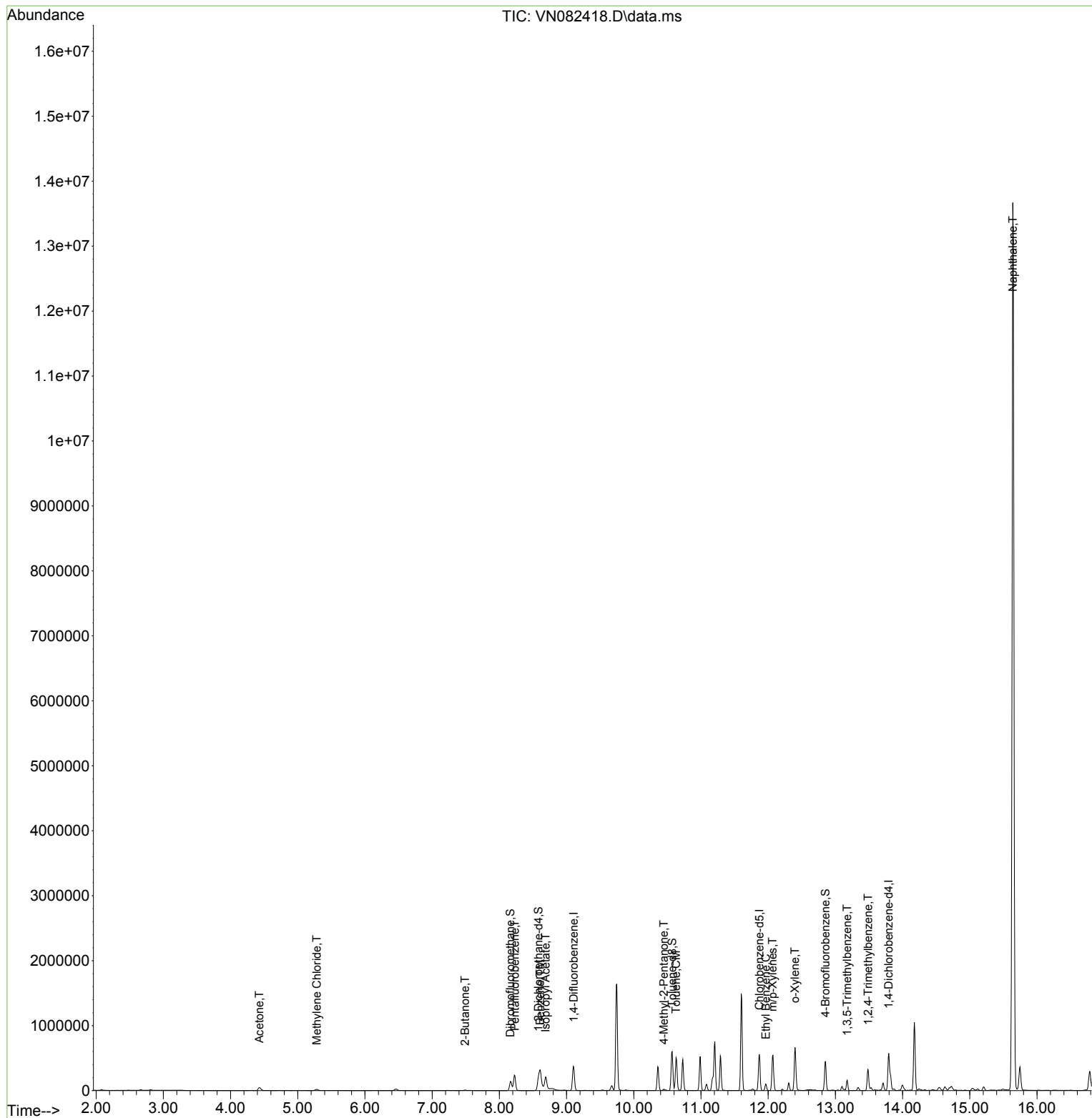
Internal Standards						
1) Pentafluorobenzene	8.229	168	165408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	300139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	298200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
16) Acetone	4.430	43	91501	85.402	ug/l	95
20) Methylene Chloride	5.283	84	13091	6.056	ug/l #	84
25) 2-Butanone	7.488	43	14037	8.641	ug/l #	81
40) Benzene	8.606	78	267950	29.018	ug/l	99
43) Isopropyl Acetate	8.688	43	330210	53.776	ug/l #	71
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
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
80) 1,3,5-Trimethylbenzene	13.176	105	82041	9.025	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	184074	19.793	ug/l	95
95) Naphthalene	15.641	128	11827329	1465.461	ug/l	98

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

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Sample : P2657-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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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

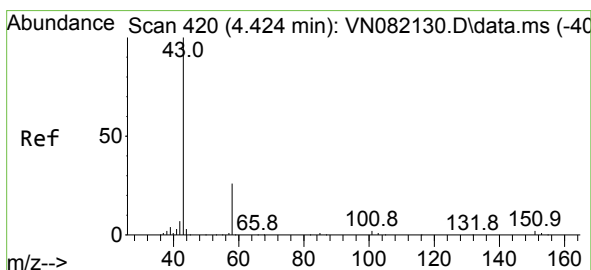
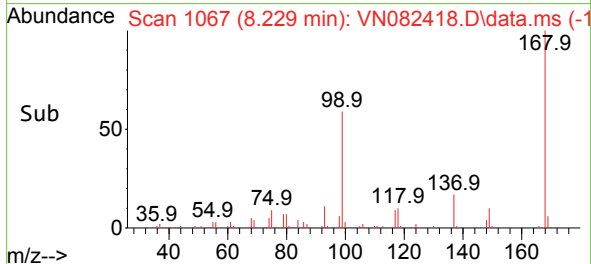
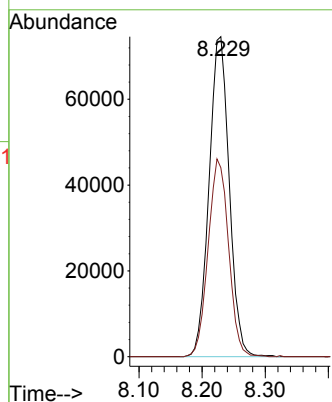
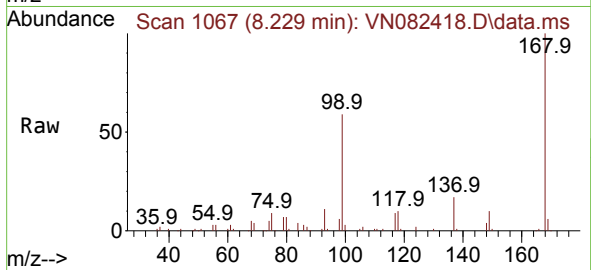




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

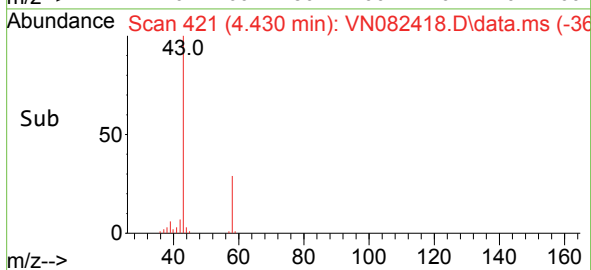
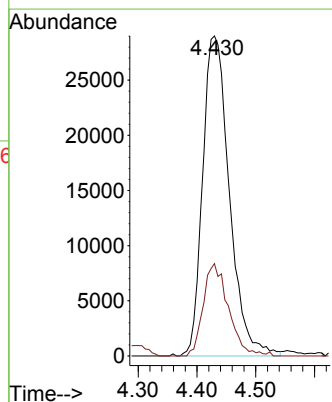
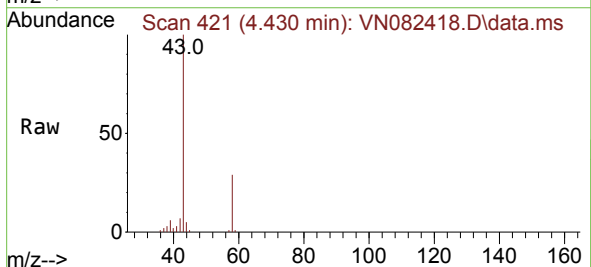
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

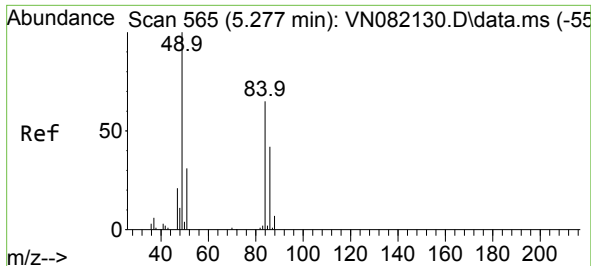
Tgt Ion:168 Resp: 165408
Ion Ratio Lower Upper
168 100
99 59.1 48.2 72.4



#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

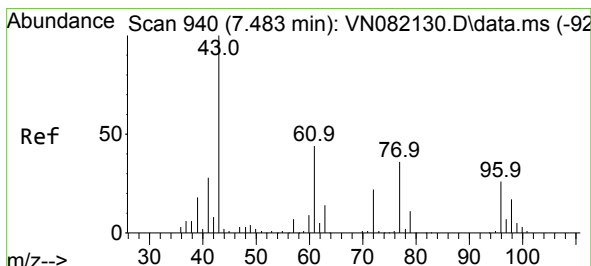
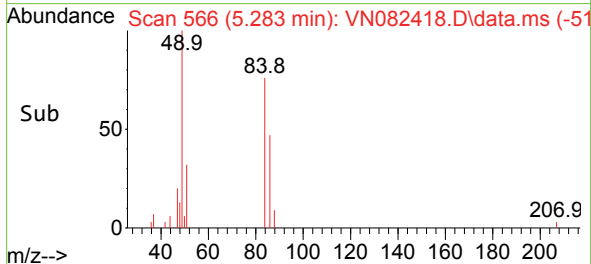
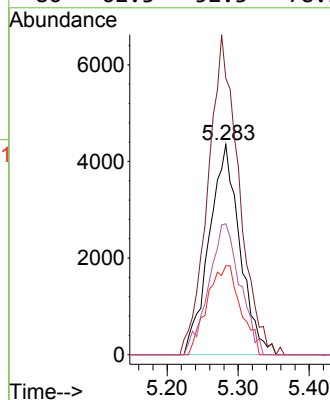
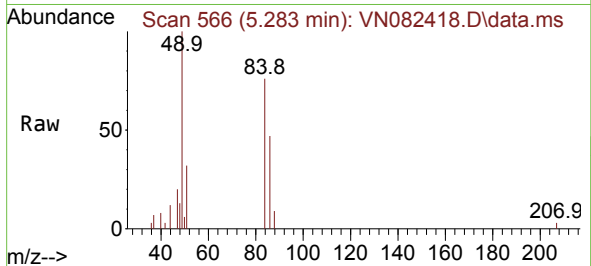




#20
Methylene Chloride
Concen: 6.056 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

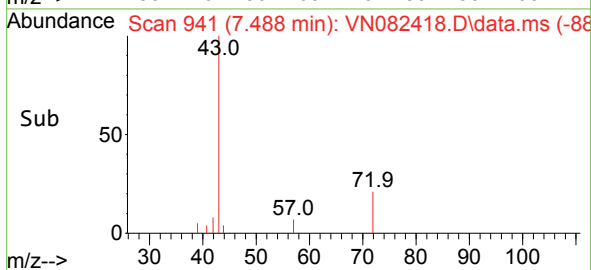
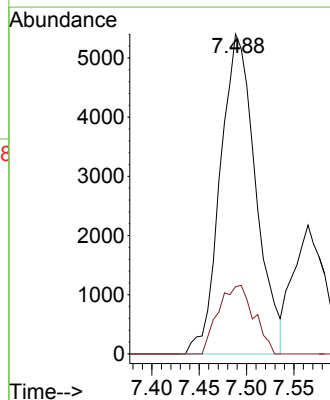
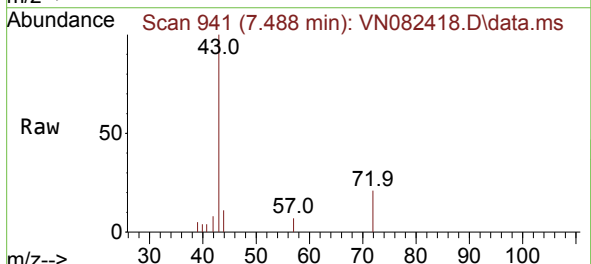
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

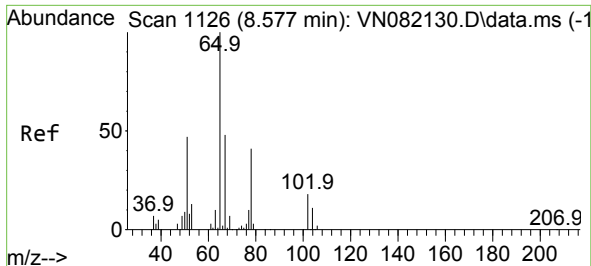
Tgt Ion: 84 Resp: 13091
Ion Ratio Lower Upper
84 100
49 131.5 84.9 127.3#
51 42.2 27.0 40.6#
86 62.3 52.3 78.5



#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

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





#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

Acq: 31 May 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

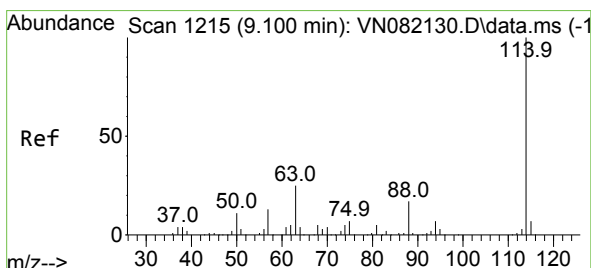
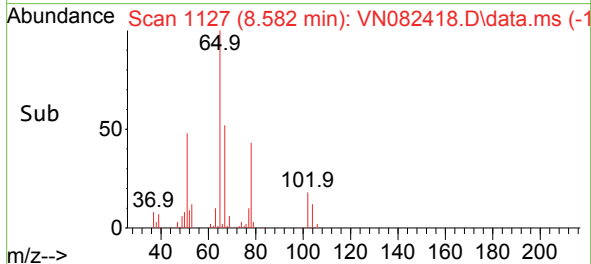
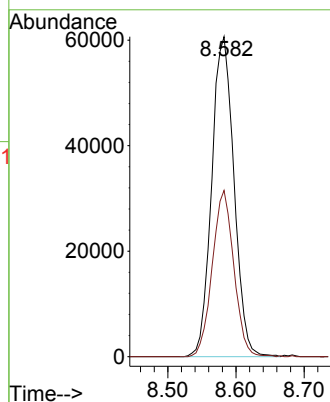
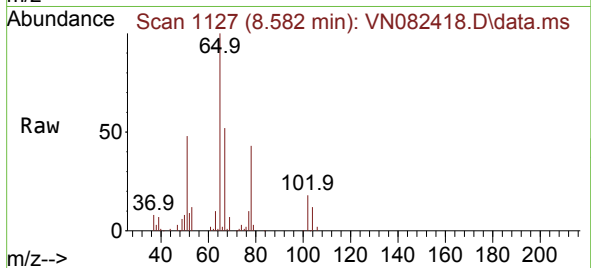
3-AB-VOC

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# 1216

Delta R.T. 0.006 min

Lab File: VN082418.D

Acq: 31 May 2024 19:11

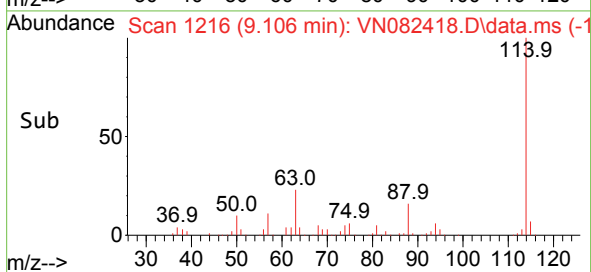
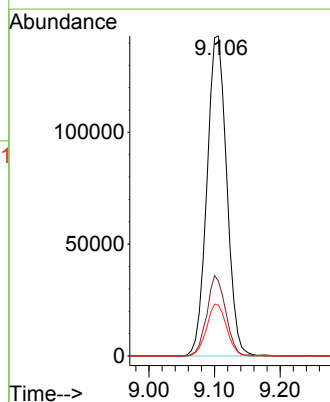
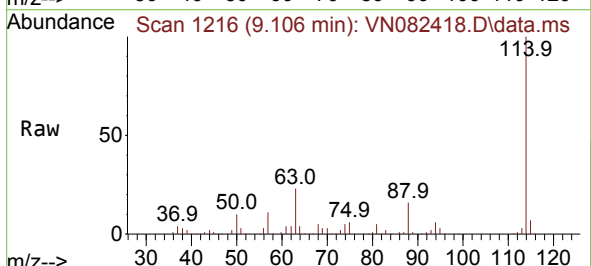
Tgt Ion: 114 Resp: 300139

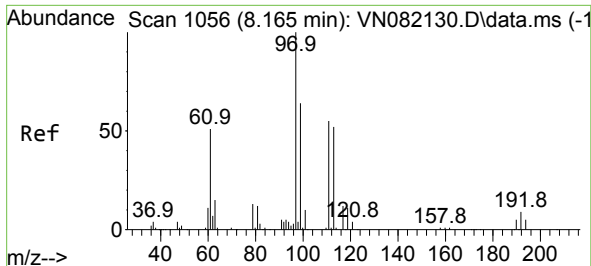
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 15.9 0.0 31.4

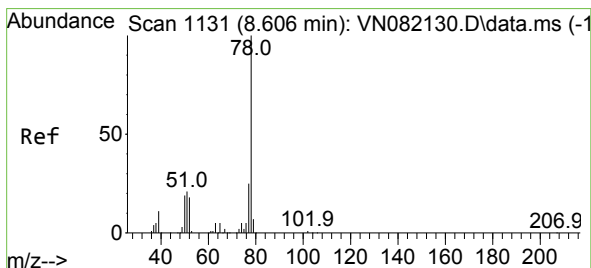
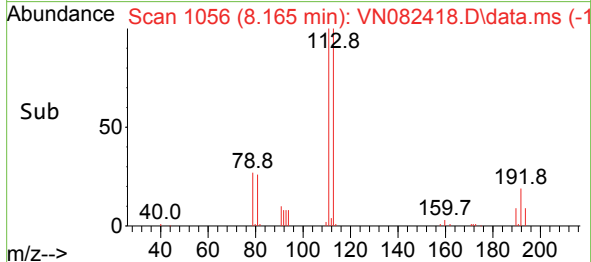
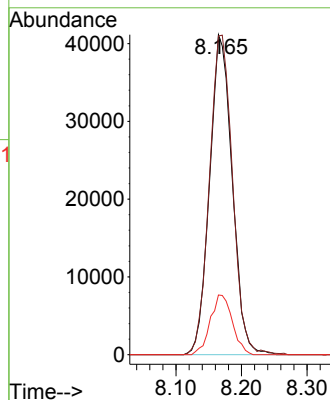
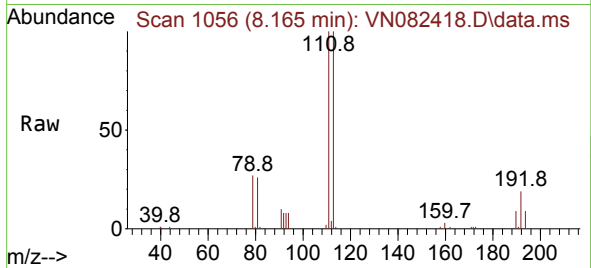




#35
Dibromofluoromethane
Concen: 53.335 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

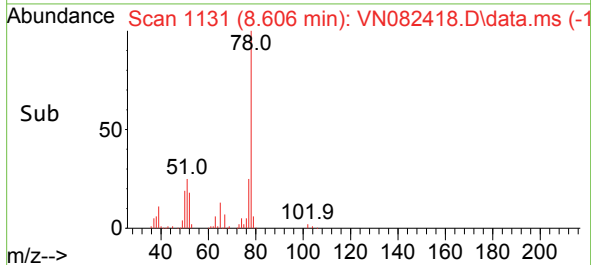
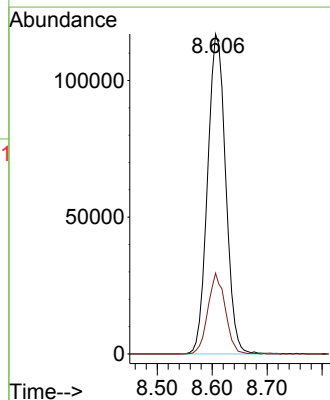
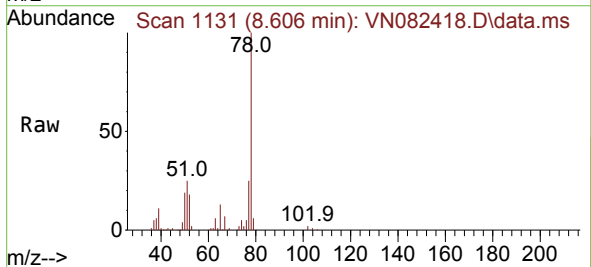
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

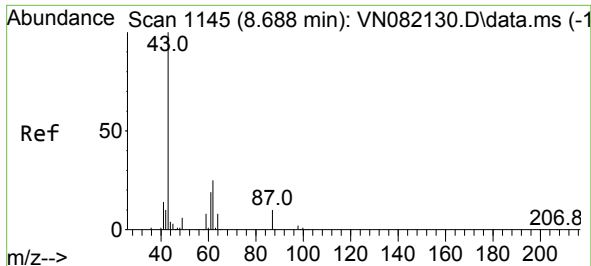
Tgt Ion:113 Resp: 98474
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.2
192 18.2 14.0 21.0



#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

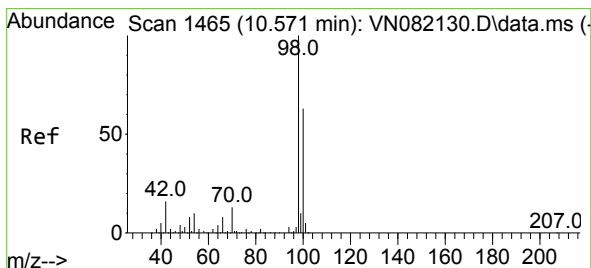
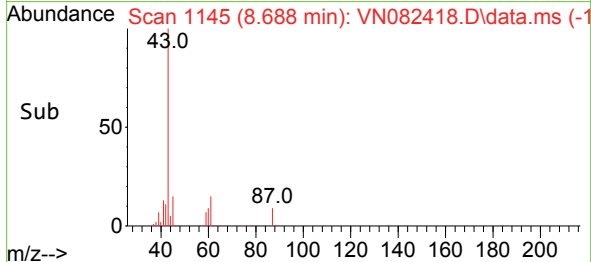
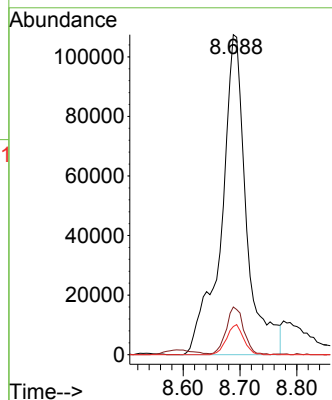
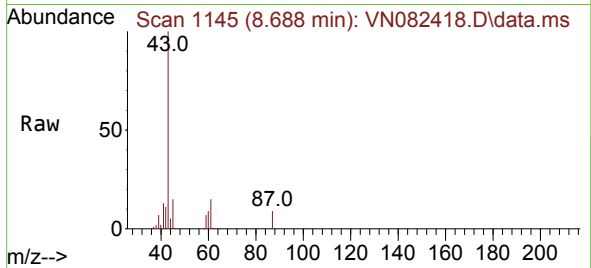




#43
Isopropyl Acetate
Concen: 53.776 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

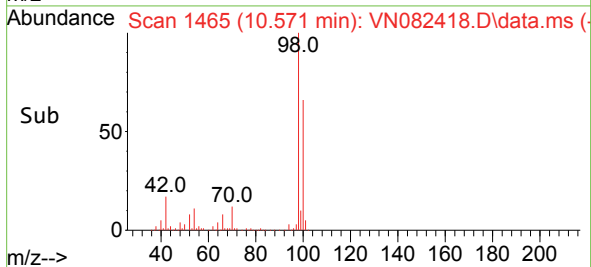
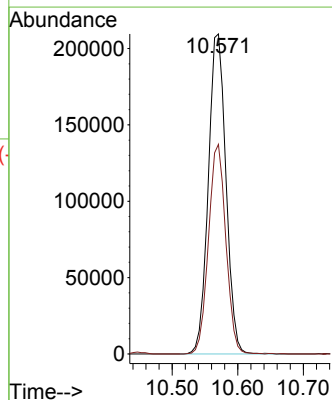
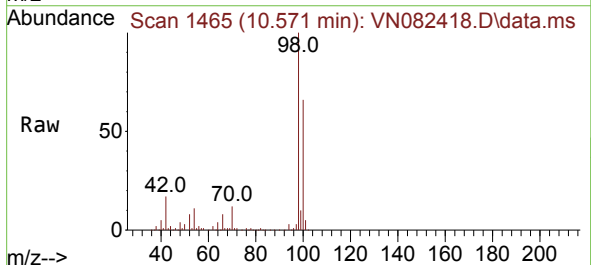
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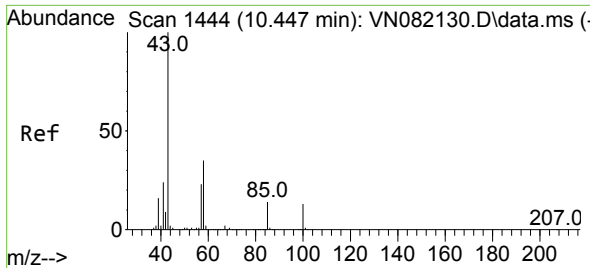
Tgt Ion: 43 Resp: 330210
Ion Ratio Lower Upper
43 100
61 10.5 22.8 34.2#
87 6.4 12.0 18.0#



#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

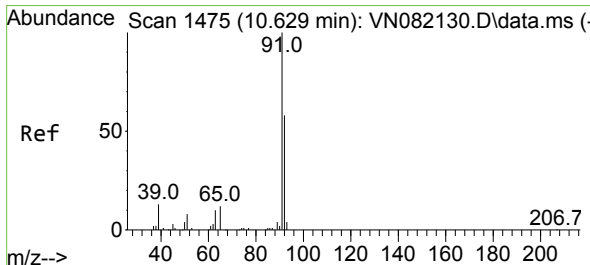
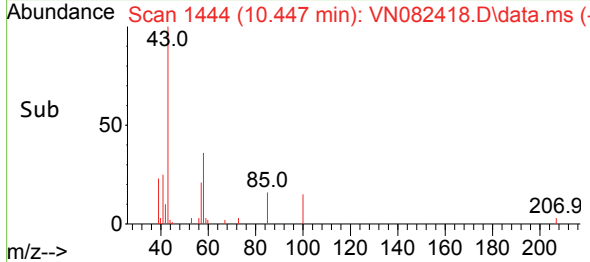
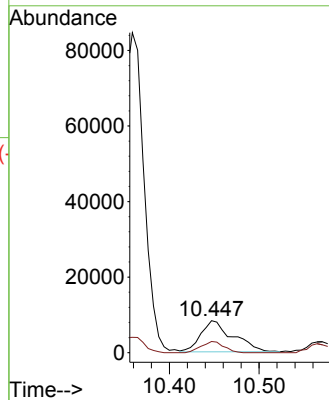
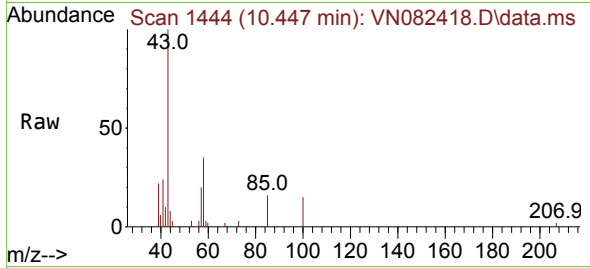




#51
4-Methyl-2-Pentanone
Concen: 5.870 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

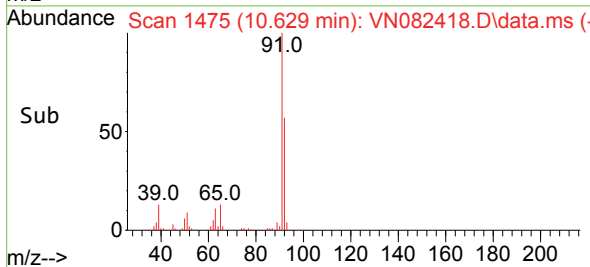
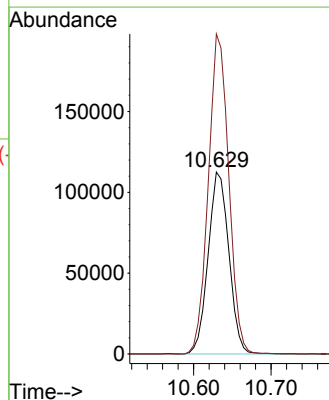
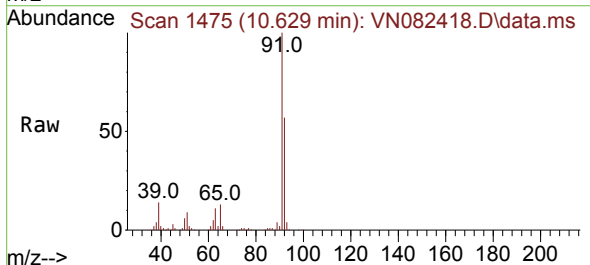
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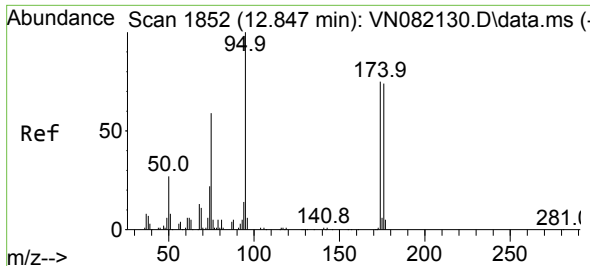
Tgt Ion: 43 Resp: 20478
Ion Ratio Lower Upper
43 100
58 25.5 33.2 49.8#



#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

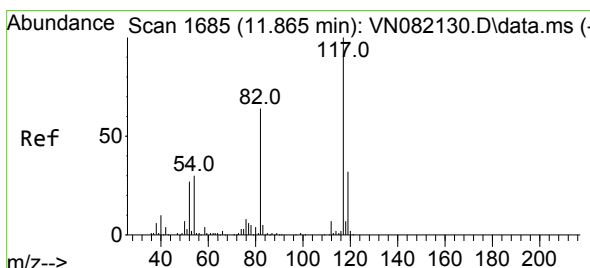
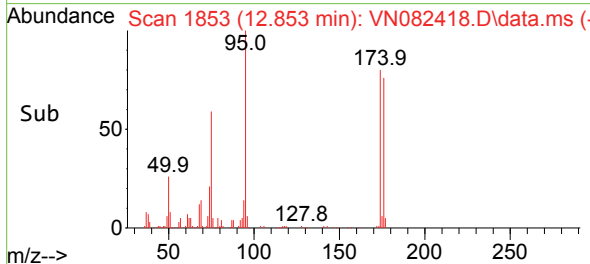
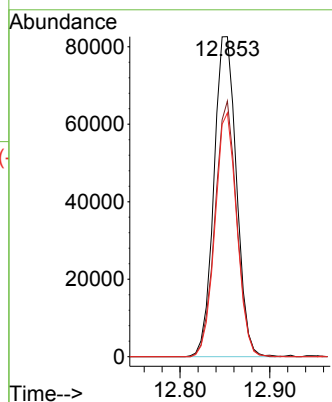
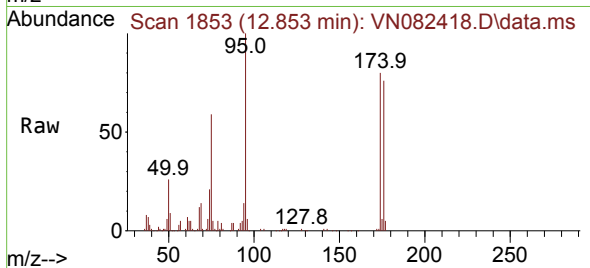




#62
4-Bromofluorobenzene
Concen: 57.066 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

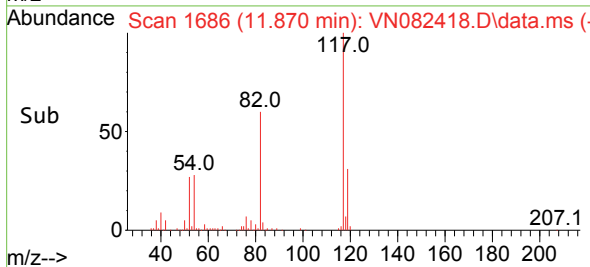
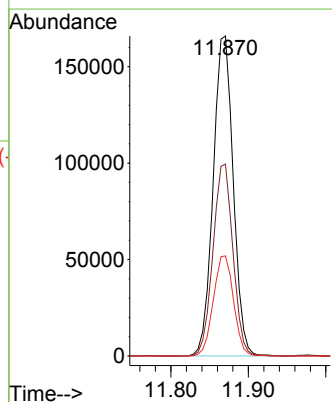
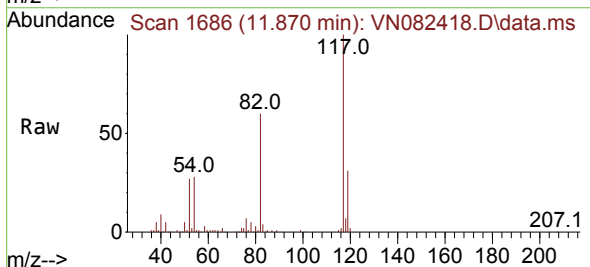
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

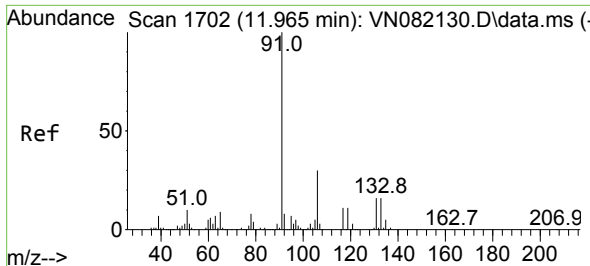
Tgt Ion: 95 Resp: 144179
Ion Ratio Lower Upper
95 100
174 77.2 0.0 160.6
176 73.5 0.0 152.8



#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

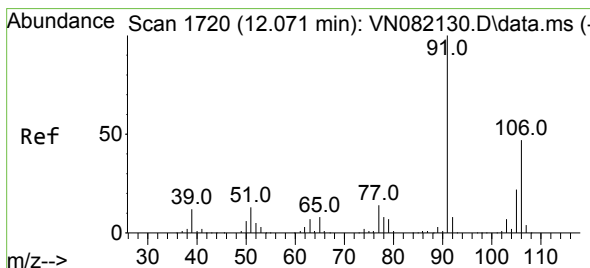
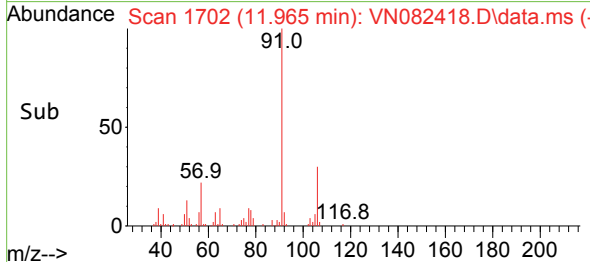
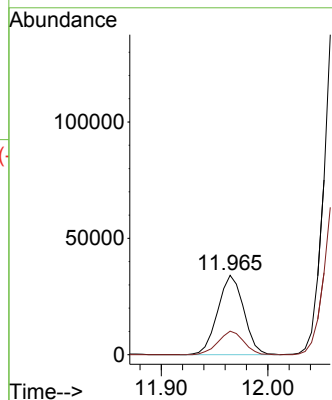
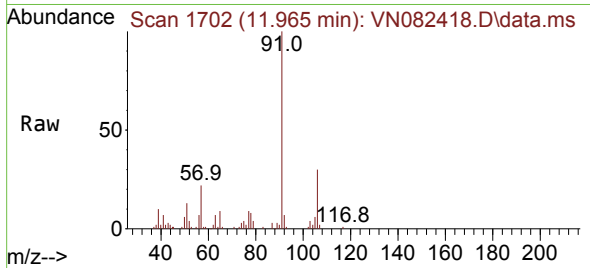




#67
Ethyl Benzene
Concen: 4.898 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

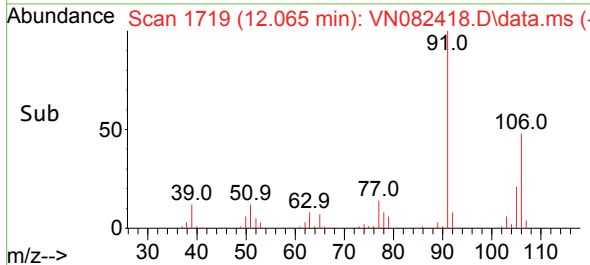
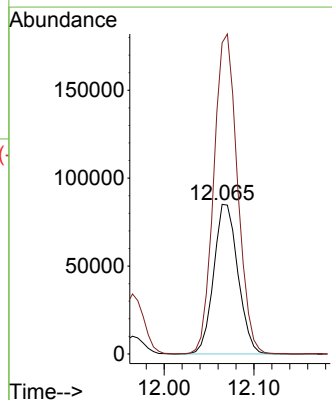
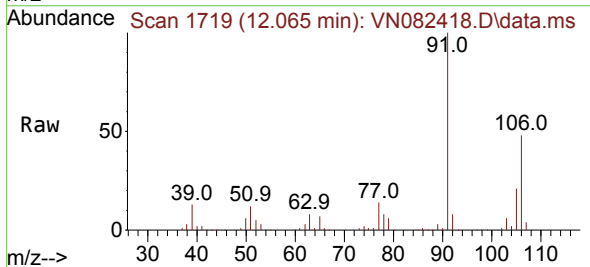
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

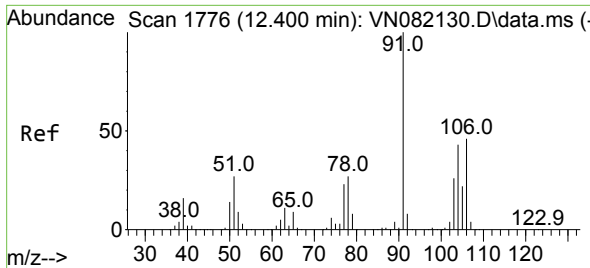
Tgt Ion: 91 Resp: 57726
Ion Ratio Lower Upper
91 100
106 29.7 25.3 37.9



#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

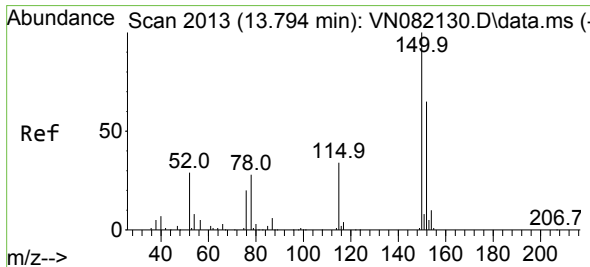
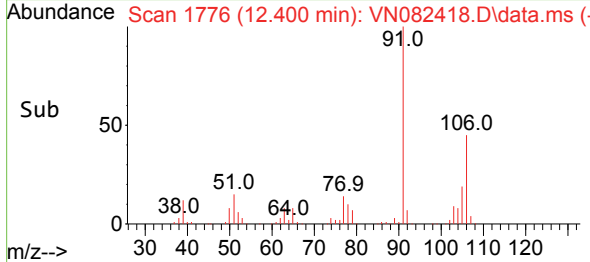
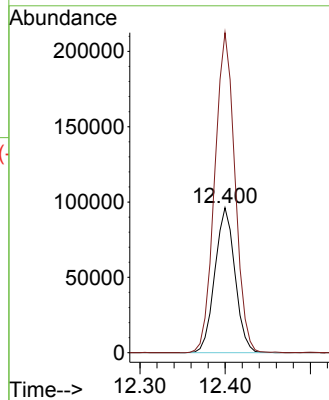
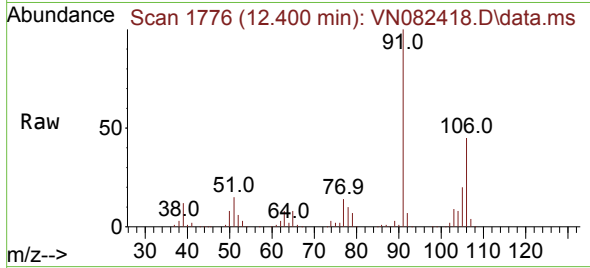




#69
o-Xylene
Concen: 37.686 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082418.D
Acq: 31 May 2024 19:11

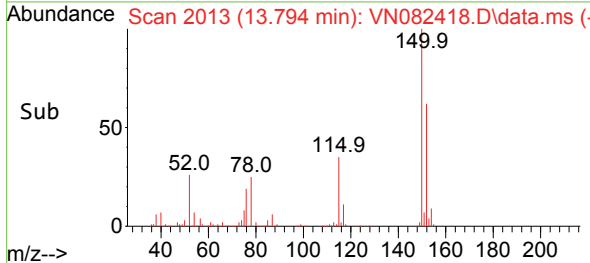
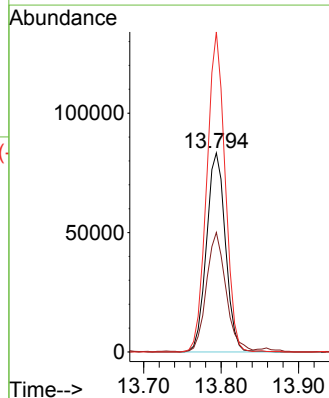
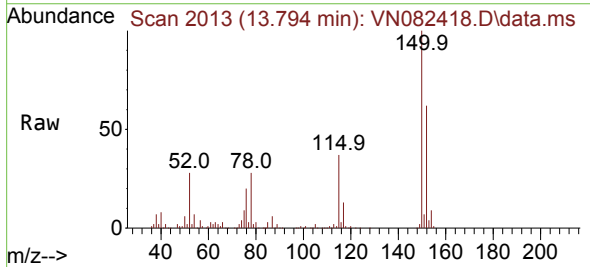
Instrument :
MSVOA_N
ClientSampleId :
3-AB-VOC

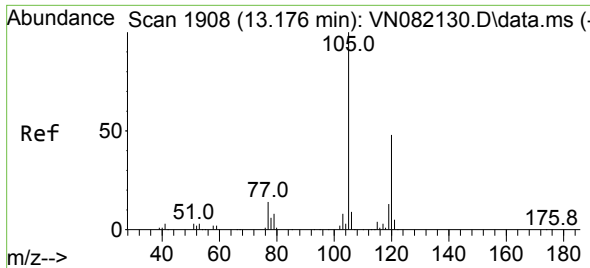
Tgt Ion:106 Resp: 157670
Ion Ratio Lower Upper
106 100
91 222.5 104.7 314.1



#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

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

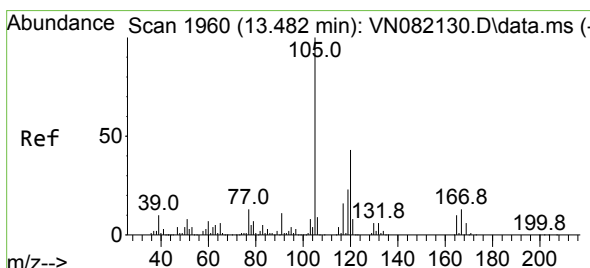
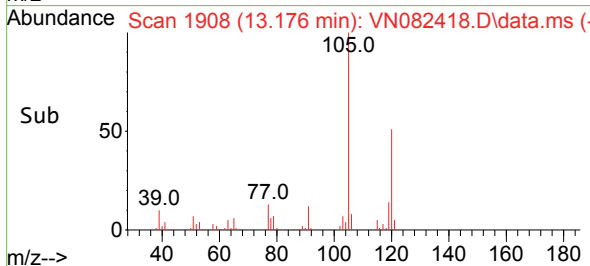
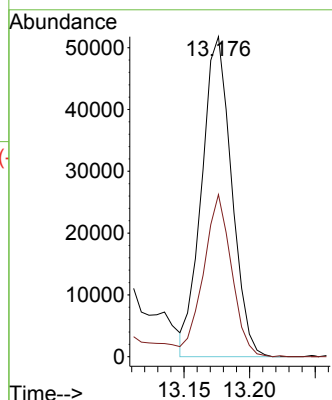
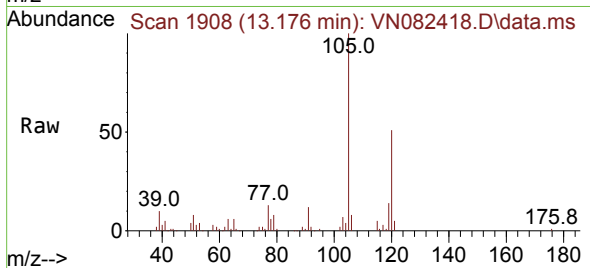




#80
 1,3,5-Trimethylbenzene
 Concen: 9.025 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN082418.D
 Acq: 31 May 2024 19:11

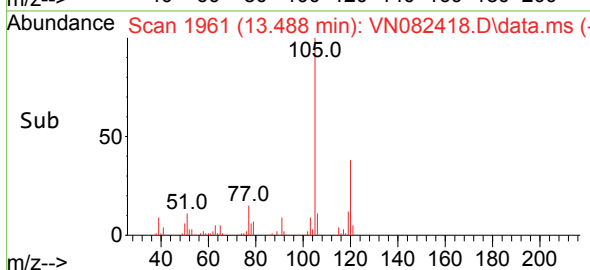
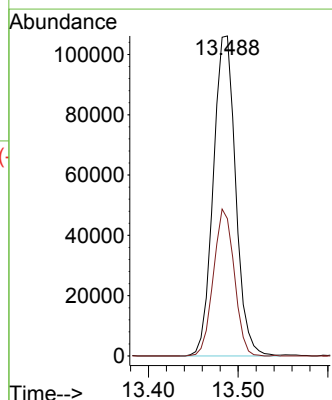
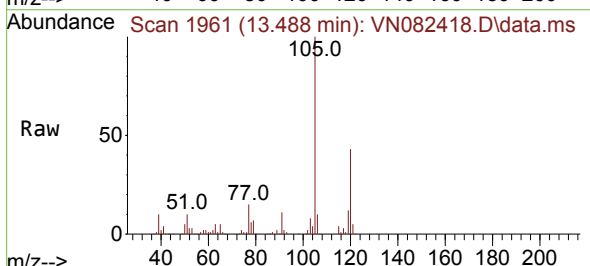
Instrument :
 MSVOA_N
 ClientSampleId :
 3-AB-VOC

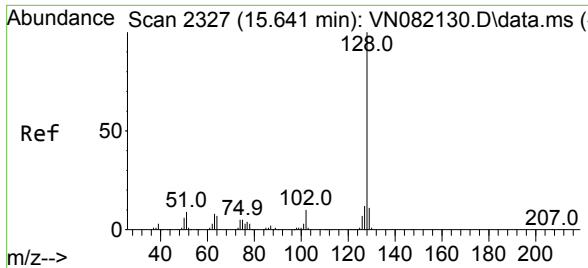
Tgt Ion:105 Resp: 82041
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.8 74.3



#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

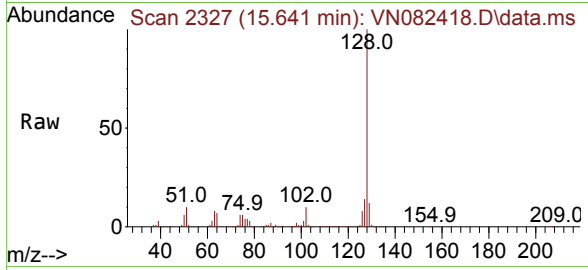
Tgt Ion:105 Resp: 184074
 Ion Ratio Lower Upper
 105 100
 120 42.6 22.9 68.7





#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

