

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082420.D
 Acq On : 31 May 2024 19:59
 Operator : JC\MD
 Sample : P2657-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 5-AB-VOC

Quant Time: May 31 23:04:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

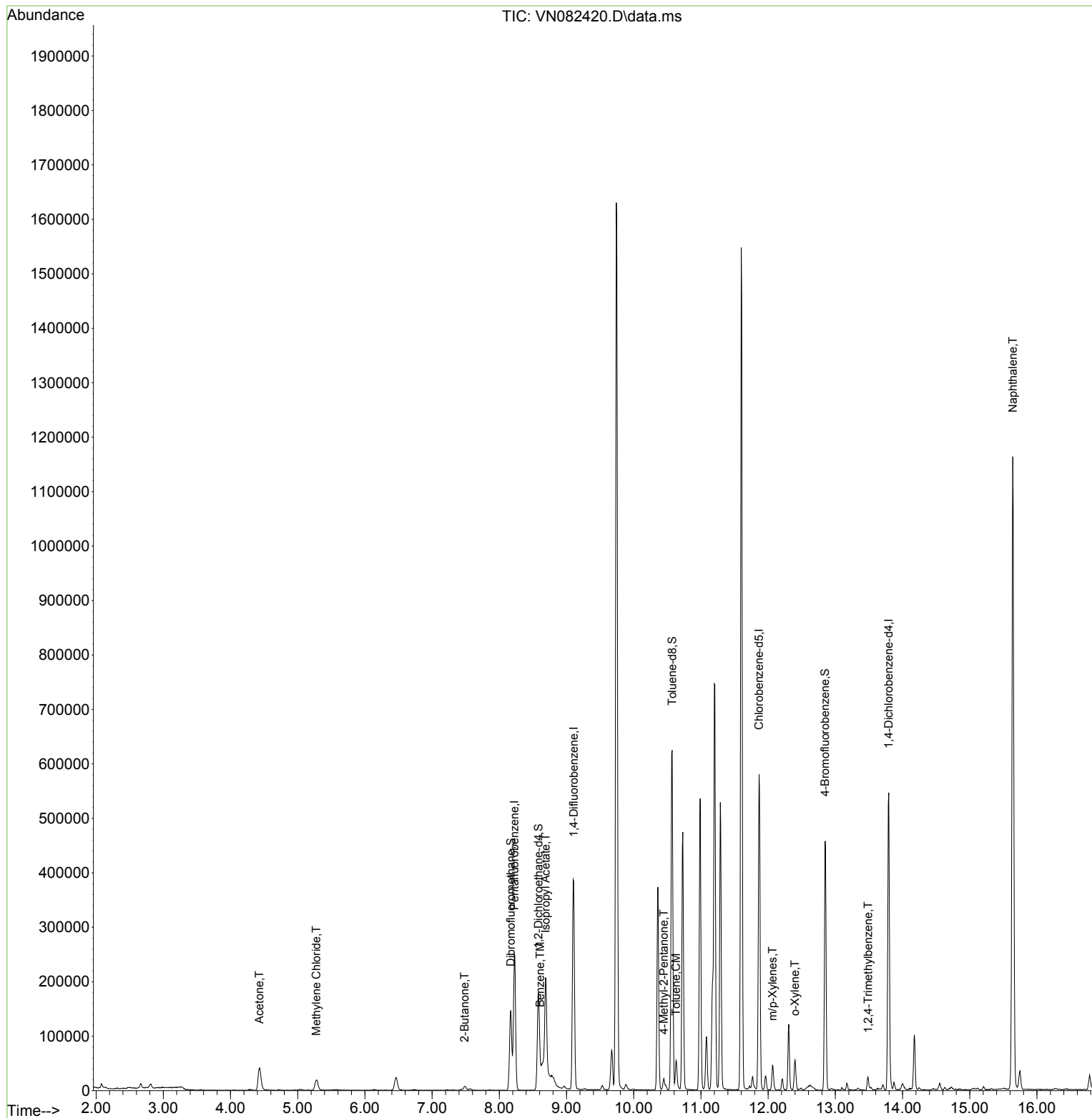
Internal Standards						
1) Pentafluorobenzene	8.224	168	173258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	314186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	143566	52.477	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.960%	
35) Dibromofluoromethane	8.171	113	100273	51.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.760%	
50) Toluene-d8	10.571	98	410867	55.448	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.900%	
62) 4-Bromofluorobenzene	12.847	95	145471	55.003	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 110.000%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	84569	75.355	ug/l	90
20) Methylene Chloride	5.277	84	13773	6.083	ug/l #	85
25) 2-Butanone	7.483	43	13453	7.906	ug/l #	73
40) Benzene	8.606	78	27942	2.891	ug/l	95
43) Isopropyl Acetate	8.689	43	302708	47.093	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	20345	5.571	ug/l #	72
52) Toluene	10.630	92	20779	3.582	ug/l	91
68) m/p-Xylenes	12.065	106	12818	2.898	ug/l	92
69) o-Xylene	12.400	106	12539	2.926	ug/l	84
84) 1,2,4-Trimethylbenzene	13.488	105	13591	1.519	ug/l	90
95) Naphthalene	15.641	128	1021948	131.624	ug/l	99

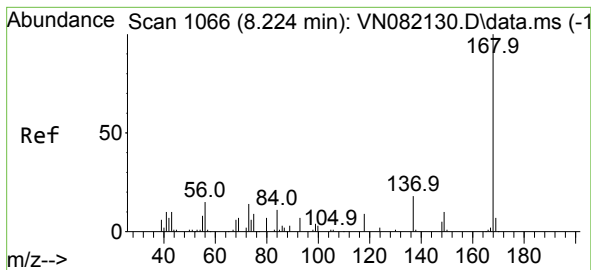
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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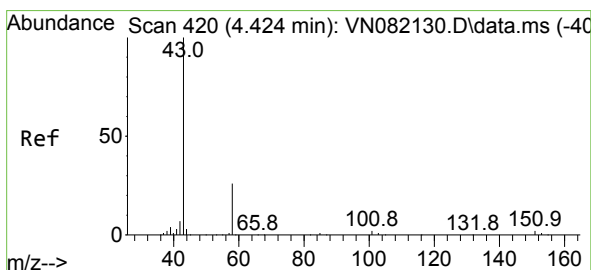
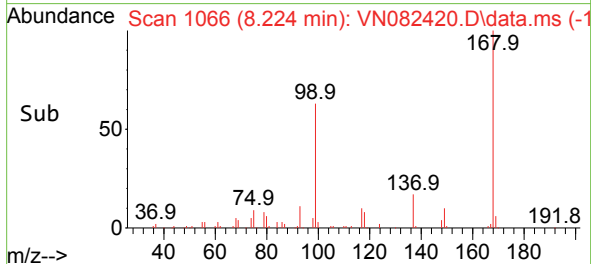
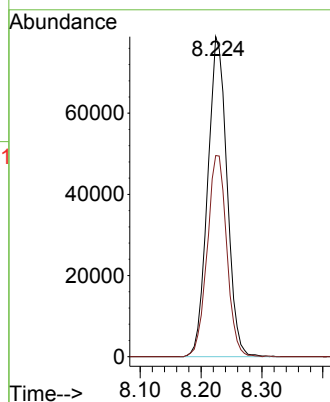
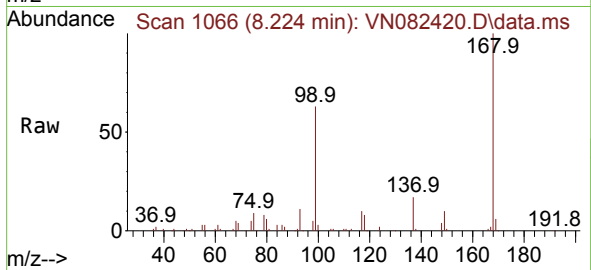




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN082420.D
Acq: 31 May 2024 19:59

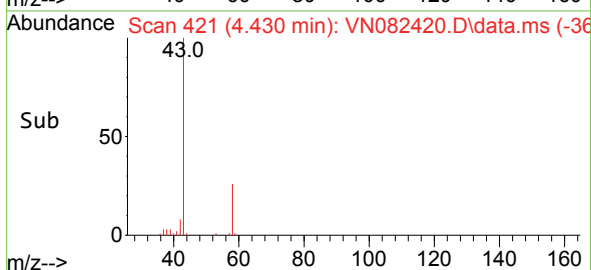
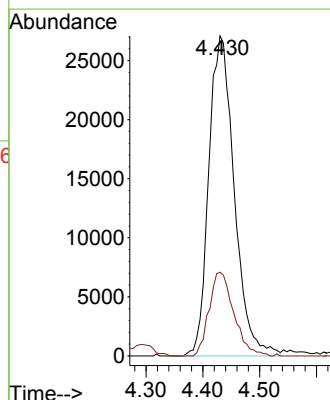
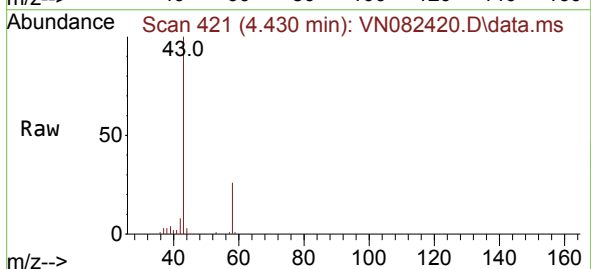
Instrument :
MSVOA_N
ClientSampleId :
5-AB-VOC

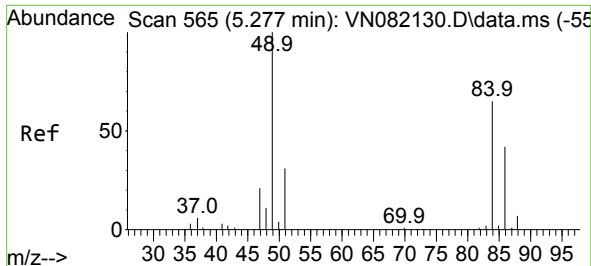
Tgt Ion:168 Resp: 173258
Ion Ratio Lower Upper
168 100
99 62.8 48.2 72.4



#16
Acetone
Concen: 75.355 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082420.D
Acq: 31 May 2024 19:59

Tgt Ion: 43 Resp: 84569
Ion Ratio Lower Upper
43 100
58 26.1 25.2 37.8

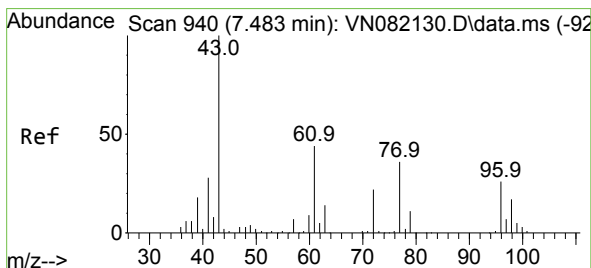
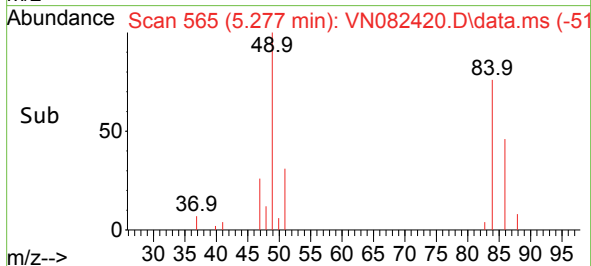
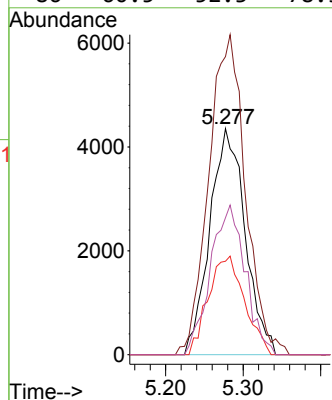
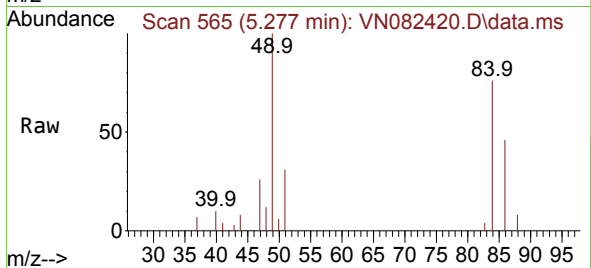




#20
Methylene Chloride
Concen: 6.083 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082420.D
Acq: 31 May 2024 19:59

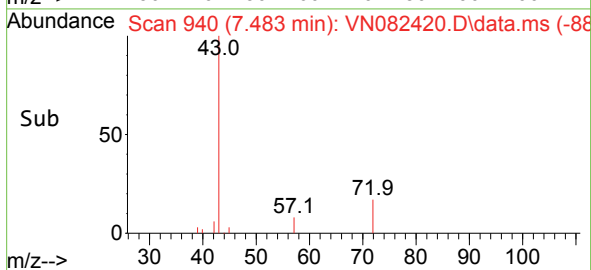
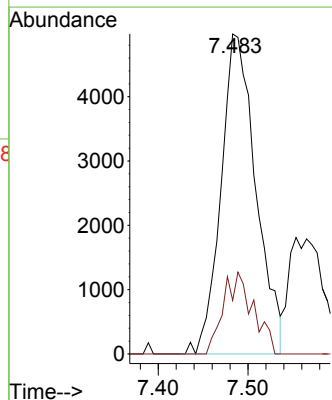
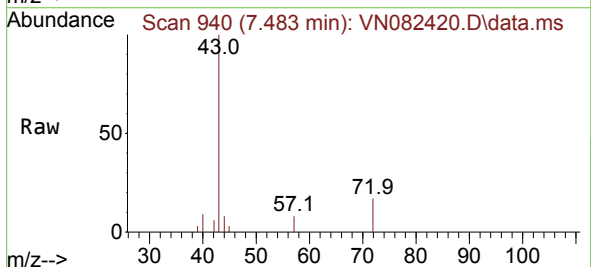
Instrument :
MSVOA_N
ClientSampleId :
5-AB-VOC

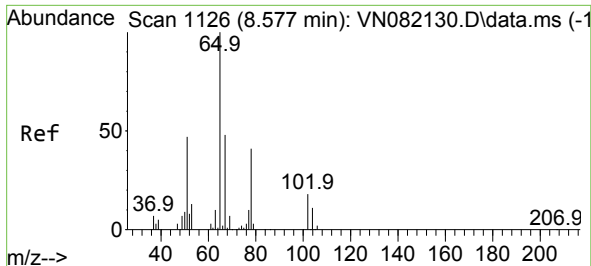
Tgt Ion:	84	Resp:	13773
Ion	Ratio	Lower	Upper
84	100		
49	128.3	84.9	127.3#
51	41.3	27.0	40.6#
86	60.5	52.3	78.5



#25
2-Butanone
Concen: 7.906 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN082420.D
Acq: 31 May 2024 19:59

Tgt Ion:	43	Resp:	13453
Ion	Ratio	Lower	Upper
43	100		
72	16.7	25.3	37.9#





#33

1,2-Dichloroethane-d4

Concen: 52.477 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082420.D

Acq: 31 May 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

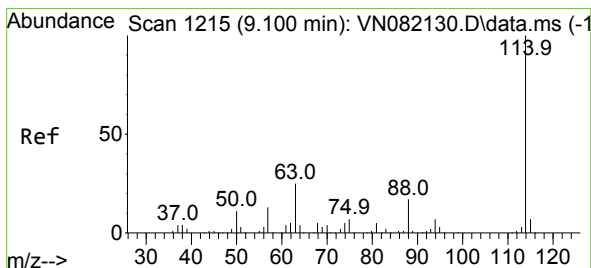
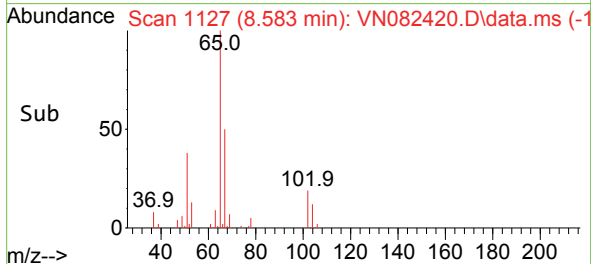
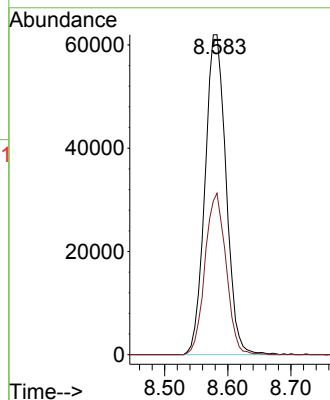
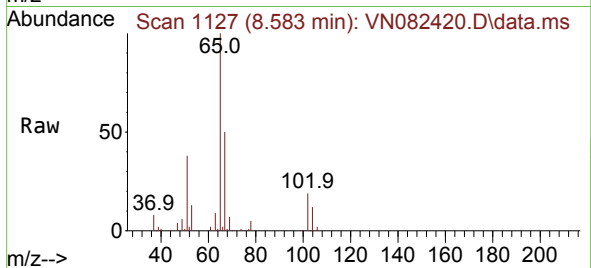
5-AB-VOC

Tgt Ion: 65 Resp: 143566

Ion Ratio Lower Upper

65 100

67 50.4 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: VN082420.D

Acq: 31 May 2024 19:59

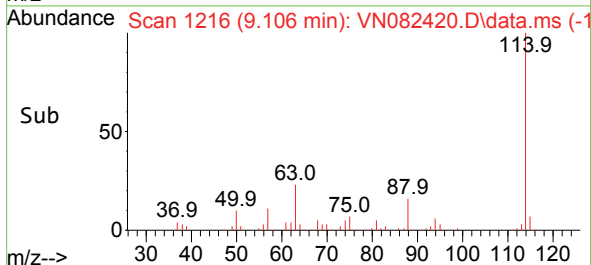
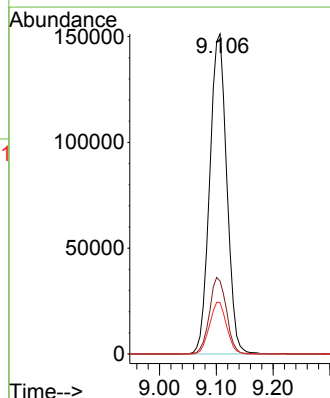
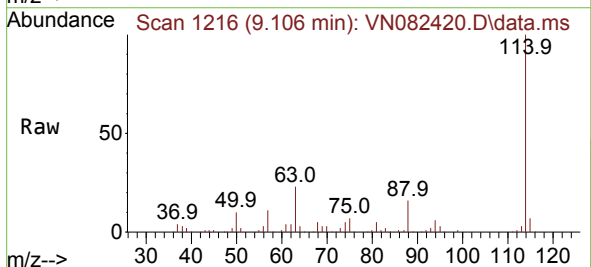
Tgt Ion: 114 Resp: 314186

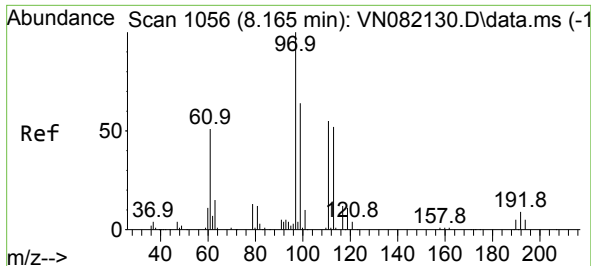
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.0

88 16.1 0.0 31.4

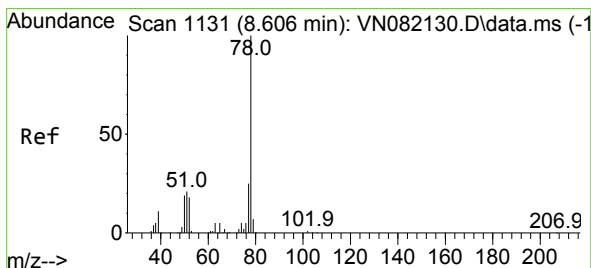
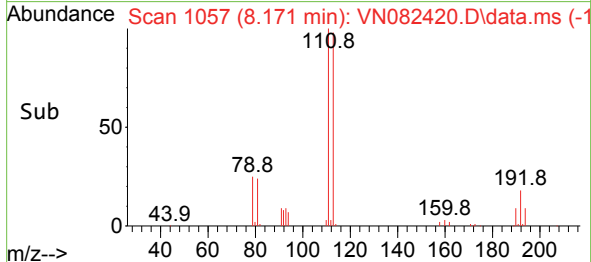
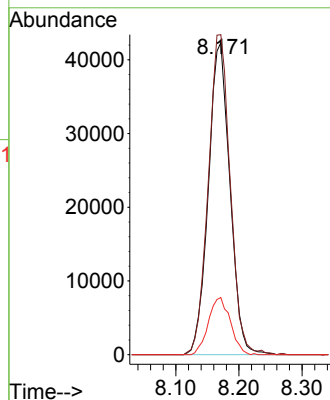
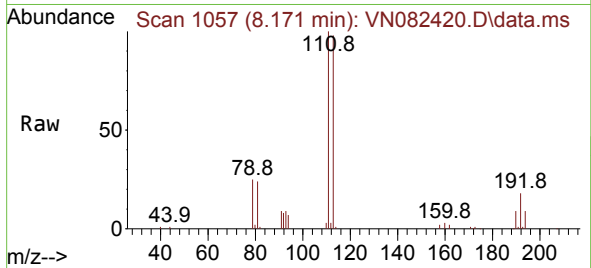




#35
Dibromofluoromethane
Concen: 51.882 ug/l
RT: 8.171 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN082420.D
Acq: 31 May 2024 19:59

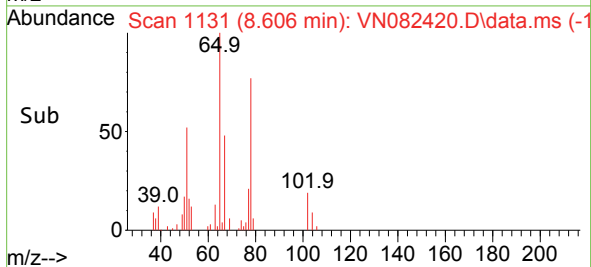
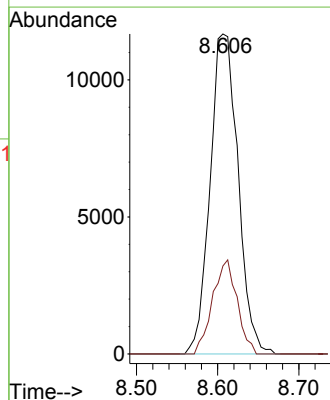
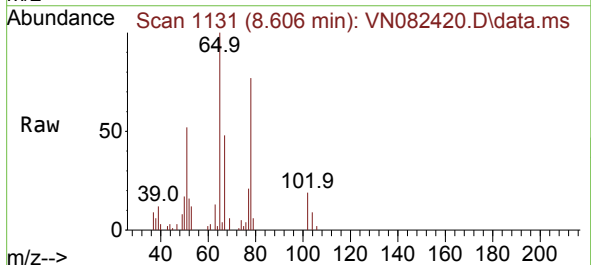
Instrument :
MSVOA_N
ClientSampleId :
5-AB-VOC

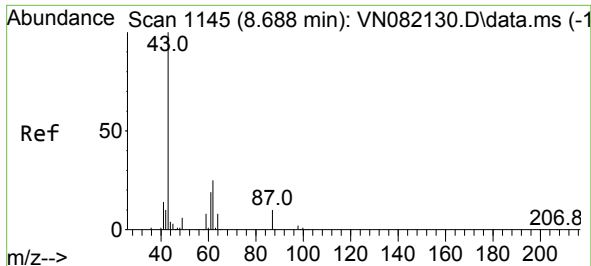
Tgt Ion:113 Resp: 100273
Ion Ratio Lower Upper
113 100
111 104.5 83.4 125.2
192 18.7 14.0 21.0



#40
Benzene
Concen: 2.891 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082420.D
Acq: 31 May 2024 19:59

Tgt Ion: 78 Resp: 27942
Ion Ratio Lower Upper
78 100
77 27.5 20.0 30.0

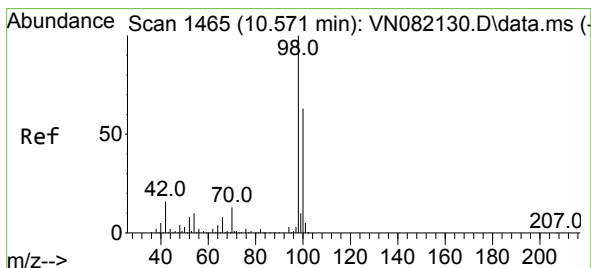
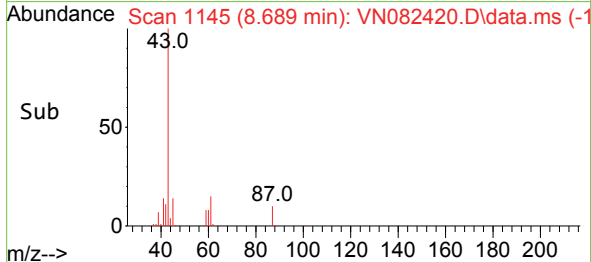
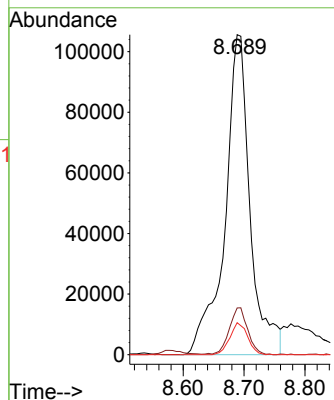
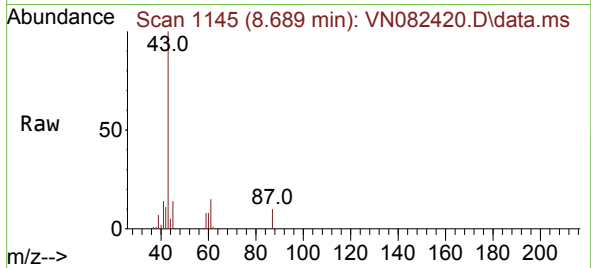




#43
Isopropyl Acetate
Concen: 47.093 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082420.D
Acq: 31 May 2024 19:59

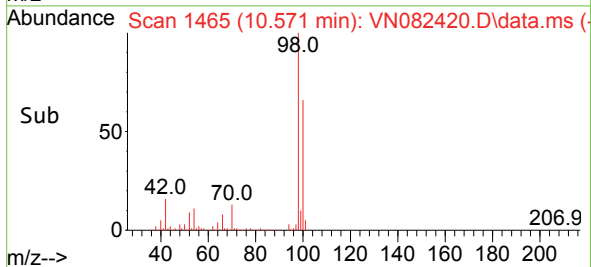
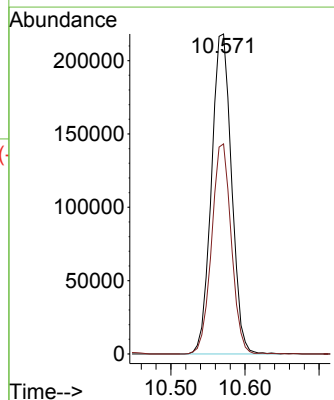
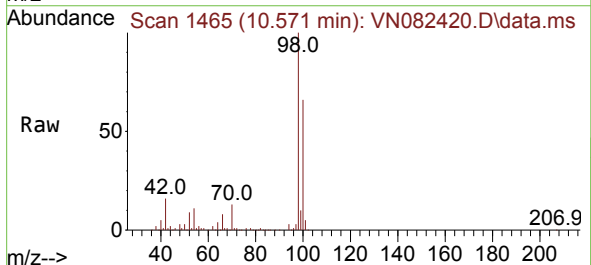
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5-AB-VOC

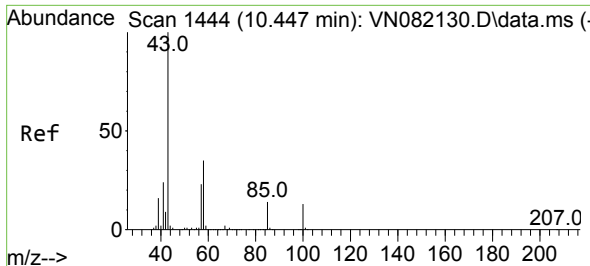
Tgt Ion: 43 Resp: 302708
Ion Ratio Lower Upper
43 100
61 10.8 22.8 34.2#
87 7.1 12.0 18.0#



#50
Toluene-d8
Concen: 55.448 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082420.D
Acq: 31 May 2024 19:59

Tgt Ion: 98 Resp: 410867
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

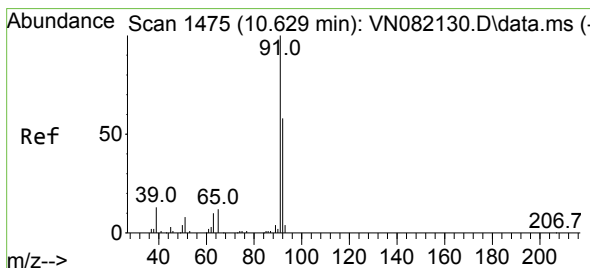
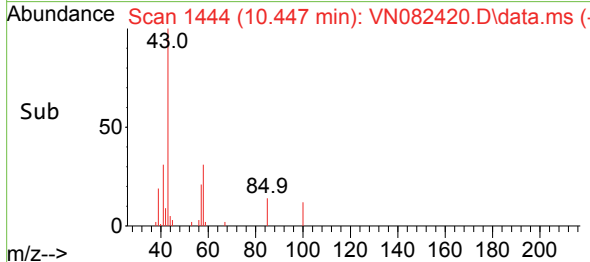
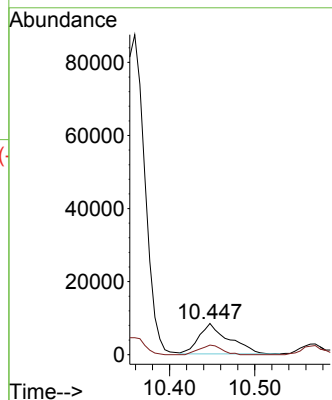
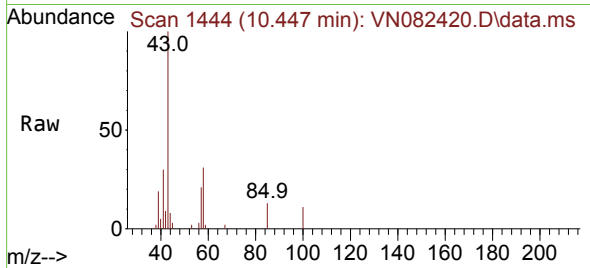




#51
4-Methyl-2-Pentanone
Concen: 5.571 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082420.D
Acq: 31 May 2024 19:59

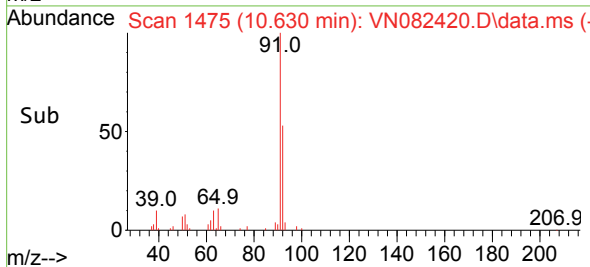
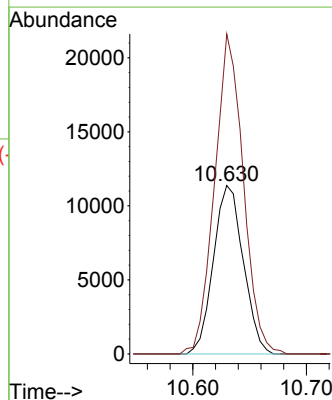
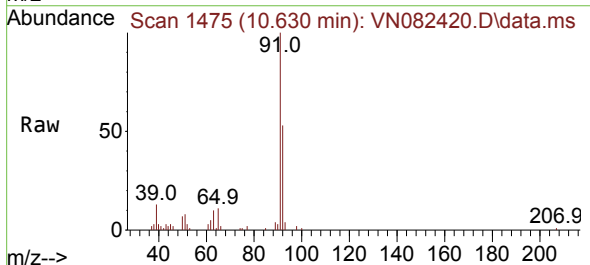
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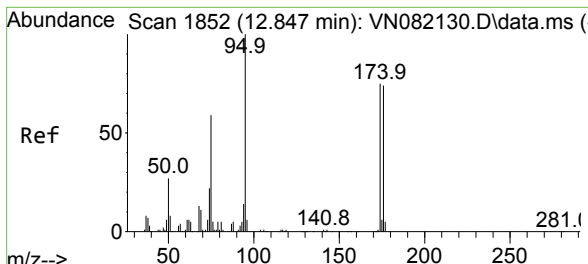
Tgt Ion: 43 Resp: 20345
Ion Ratio Lower Upper
43 100
58 23.7 33.2 49.8#



#52
Toluene
Concen: 3.582 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082420.D
Acq: 31 May 2024 19:59

Tgt Ion: 92 Resp: 20779
Ion Ratio Lower Upper
92 100
91 182.7 136.7 205.1

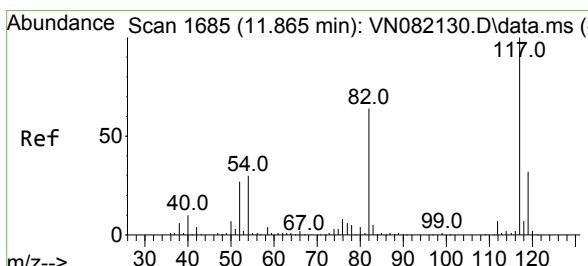
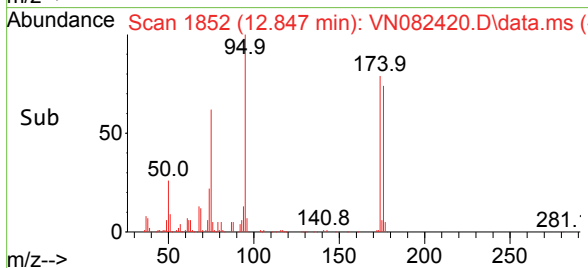
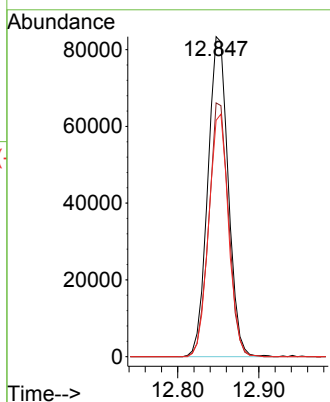
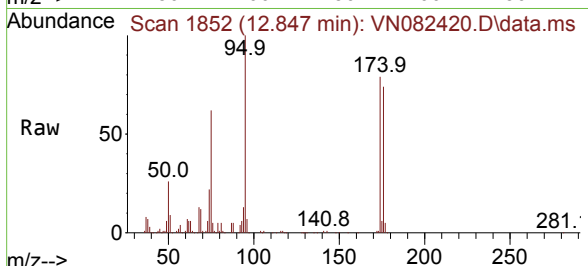




#62
 4-Bromofluorobenzene
 Concen: 55.003 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN082420.D
 Acq: 31 May 2024 19:59

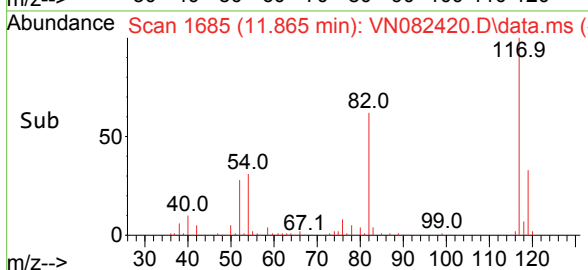
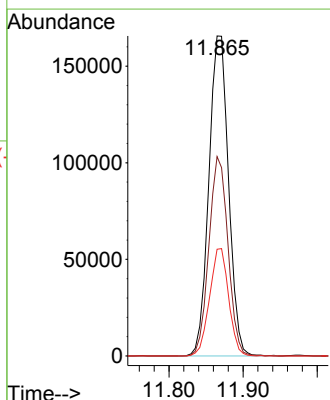
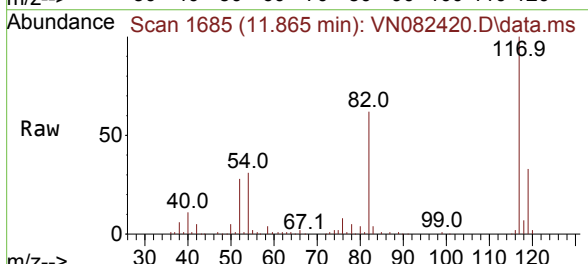
Instrument :
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 5-AB-VOC

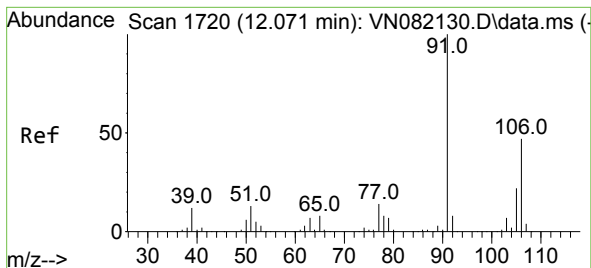
Tgt Ion:	95	Resp:	145471
Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	160.6
176	73.9	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN082420.D
 Acq: 31 May 2024 19:59

Tgt Ion:	117	Resp:	305425
Ion	Ratio	Lower	Upper
117	100		
82	62.3	44.6	66.8
119	33.3	25.9	38.9





#68

m/p-Xylenes

Concen: 2.898 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN082420.D

Acq: 31 May 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

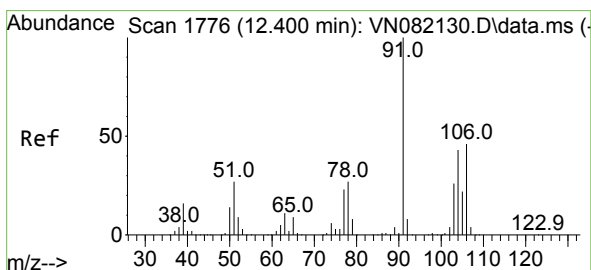
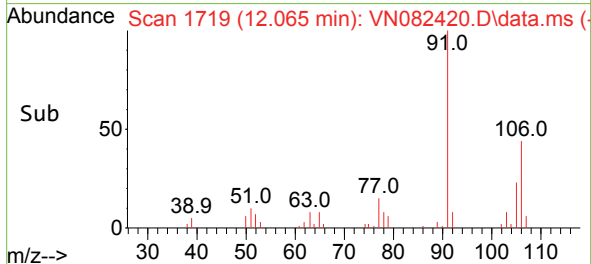
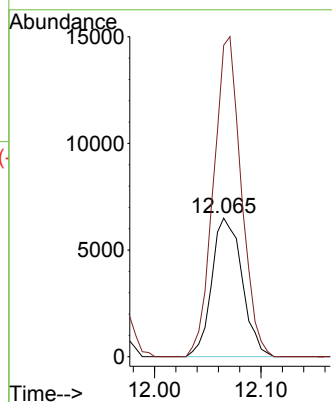
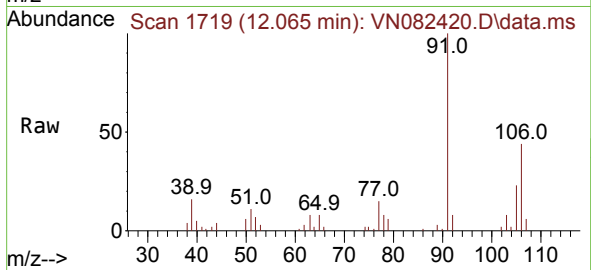
5-AB-VOC

Tgt Ion:106 Resp: 12818

Ion Ratio Lower Upper

106 100

91 211.6 159.4 239.0



#69

o-Xylene

Concen: 2.926 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN082420.D

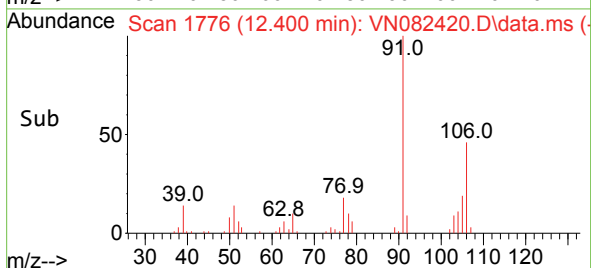
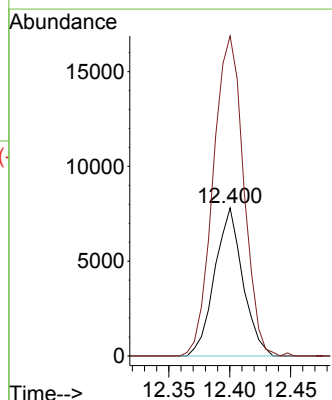
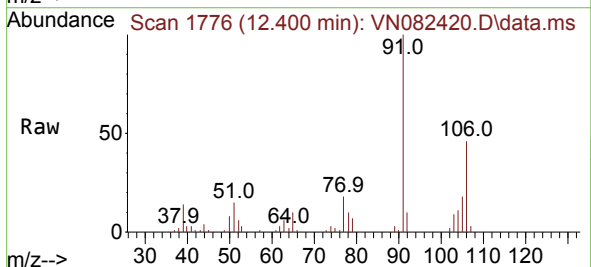
Acq: 31 May 2024 19:59

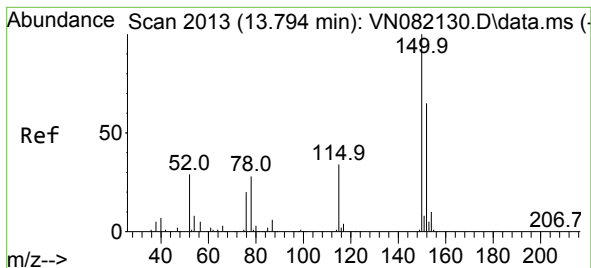
Tgt Ion:106 Resp: 12539

Ion Ratio Lower Upper

106 100

91 234.5 104.7 314.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN082420.D

Acq: 31 May 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

5-AB-VOC

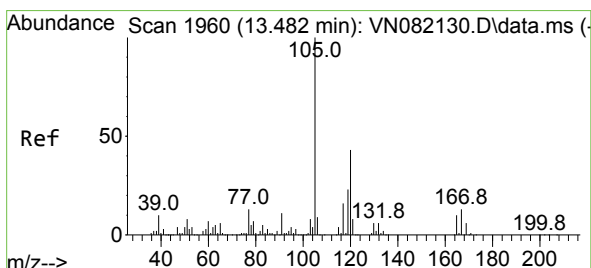
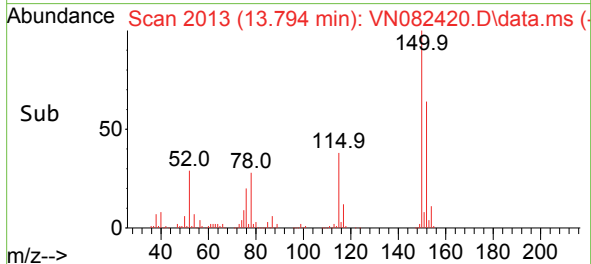
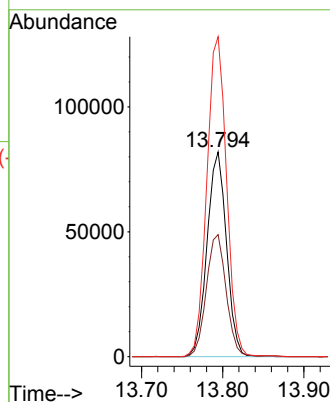
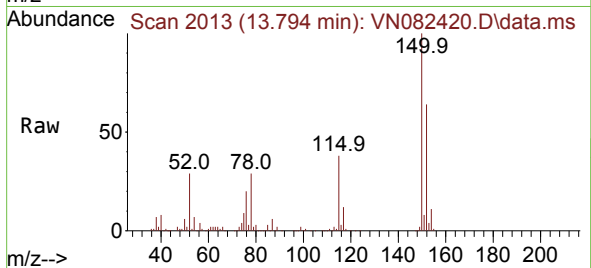
Tgt Ion:152 Resp: 136133

Ion Ratio Lower Upper

152 100

115 60.9 30.4 91.3

150 158.6 0.0 353.2



#84

1,2,4-Trimethylbenzene

Concen: 1.519 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN082420.D

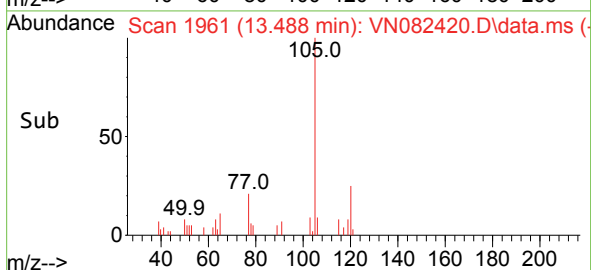
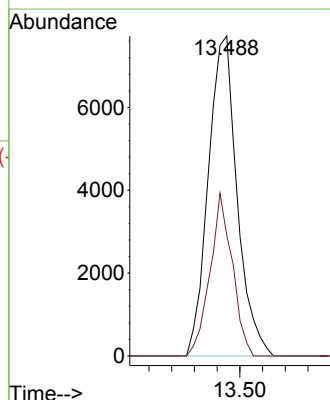
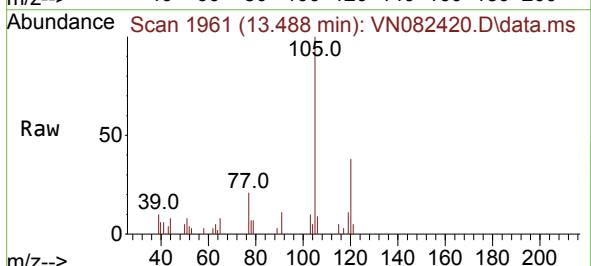
Acq: 31 May 2024 19:59

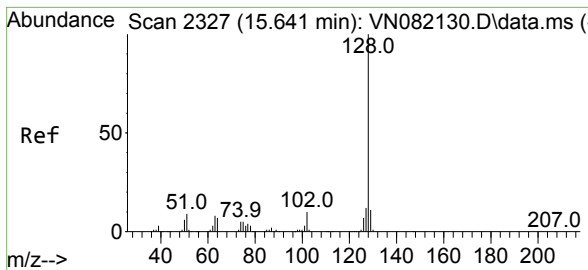
Tgt Ion:105 Resp: 13591

Ion Ratio Lower Upper

105 100

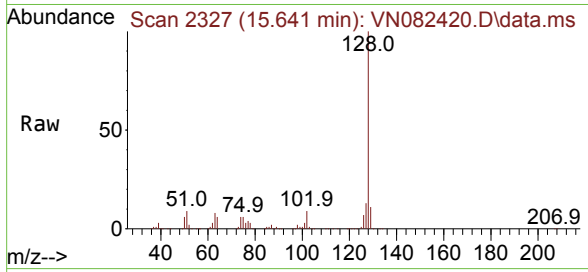
120 39.3 22.9 68.7





#95
Naphthalene
Concen: 131.624 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082420.D
Acq: 31 May 2024 19:59

Instrument :
MSVOA_N
ClientSampleId :
5-AB-VOC



Tgt Ion:128 Resp: 1021948
Ion Ratio Lower Upper
128 100
127 13.3 10.1 15.1
129 11.0 8.9 13.3

