

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077555.D
 Acq On : 03 May 2023 12:06
 Operator : JC\MD
 Sample : PB152533TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533TB

Quant Time: May 04 04:43:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

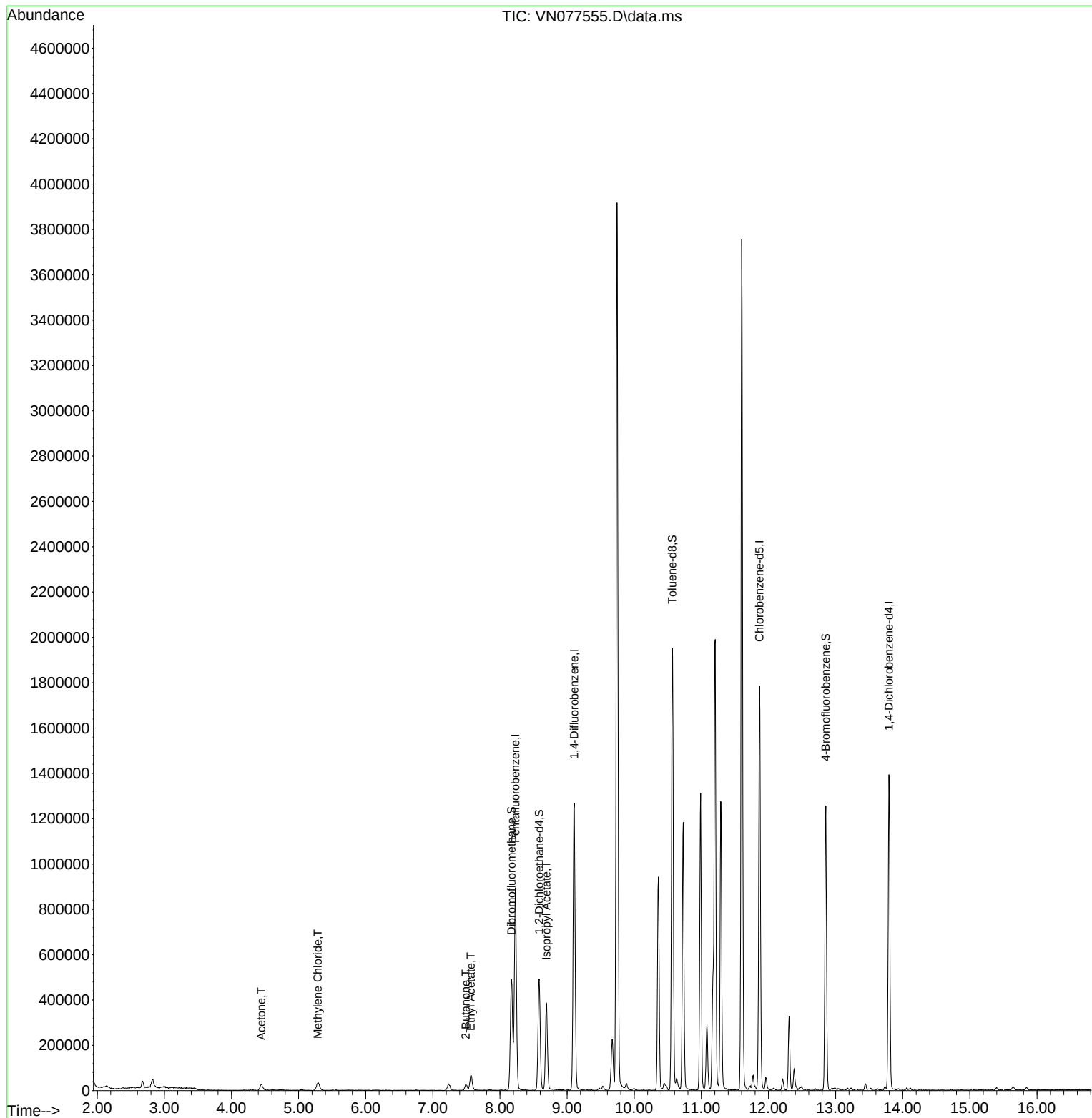
Internal Standards						
1) Pentafluorobenzene	8.231	168	615038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1177236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1102505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	387720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	411076	51.221	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.440%			
35) Dibromofluoromethane	8.172	113	360161	50.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.800%			
50) Toluene-d8	10.566	98	1444503	53.267	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.540%			
62) 4-Bromofluorobenzene	12.854	95	464182	52.317	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.640%			
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	50355	19.722	ug/l	94
20) Methylene Chloride	5.284	84	31154	3.848	ug/l	93
25) 2-Butanone	7.490	43	38376	10.597	ug/l	92
37) Ethyl Acetate	7.566	43	99258	12.778	ug/l	97
43) Isopropyl Acetate	8.690	43	410569	30.552	ug/l #	90

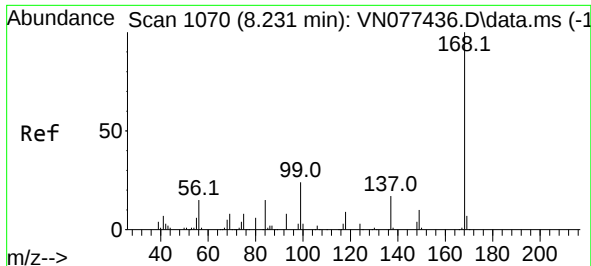
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
Data File : VN077555.D
Acq On : 03 May 2023 12:06
Operator : JC\MD
Sample : PB152533TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB152533TB

Quant Time: May 04 04:43:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:50:59 2023
Response via : Initial Calibration

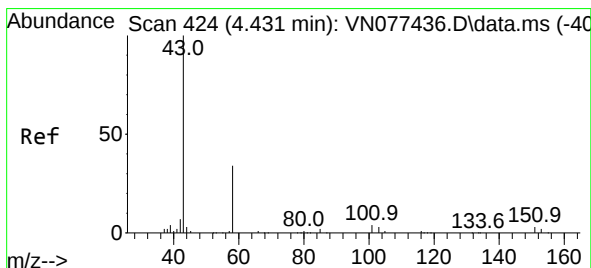
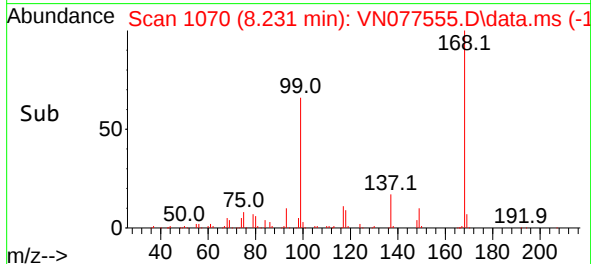
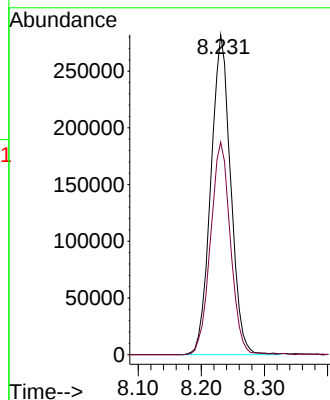
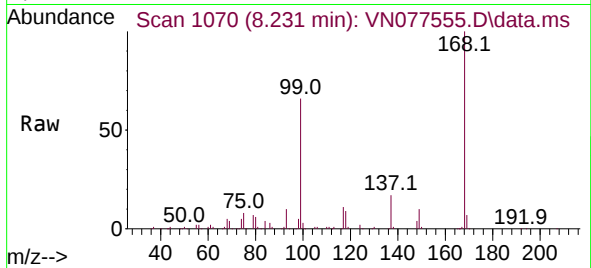




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

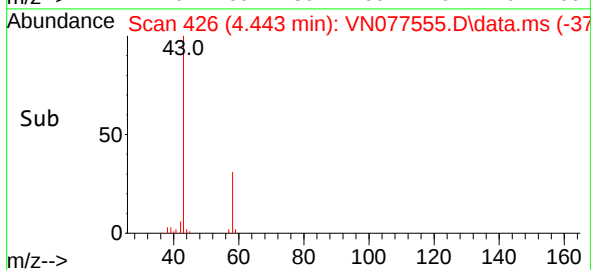
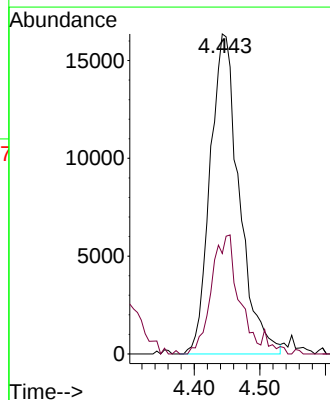
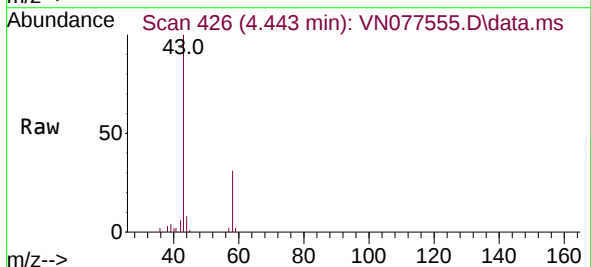
Instrument :
MSVOA_N
ClientSampleId :
PB152533TB

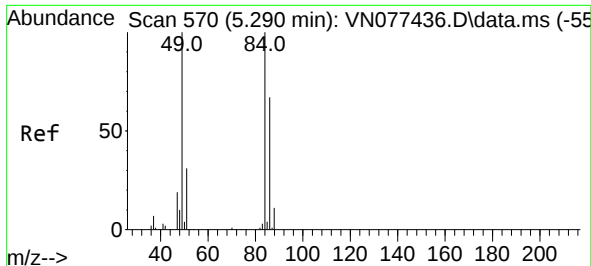
Tgt Ion:168 Resp: 615038
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#16
Acetone
Concen: 19.722 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

Tgt Ion: 43 Resp: 50355
Ion Ratio Lower Upper
43 100
58 31.4 28.0 42.0





#20

Methylene Chloride

Concen: 3.848 ug/l

RT: 5.284 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN077555.D

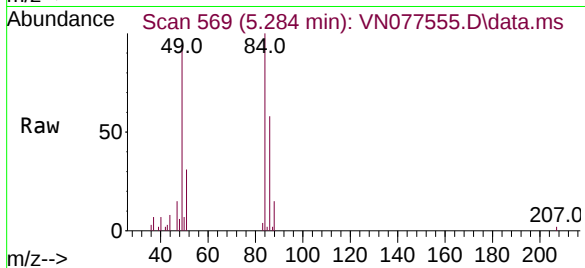
Acq: 03 May 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

PB152533TB



Tgt Ion: 84 Resp: 31154

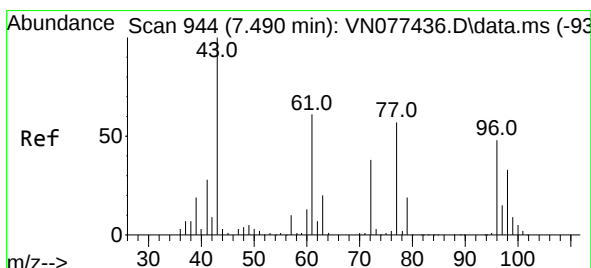
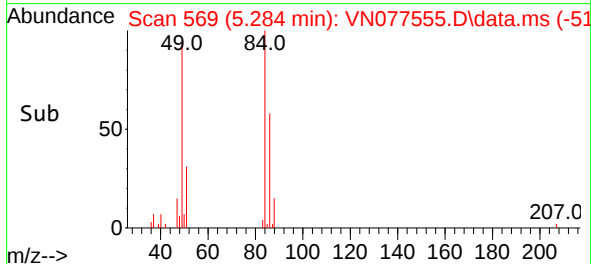
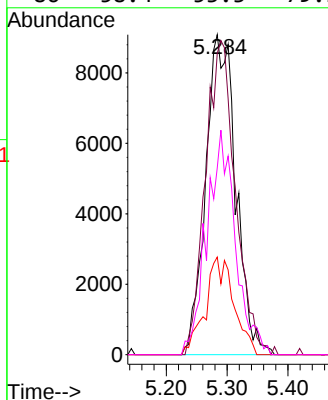
Ion Ratio Lower Upper

84 100

49 94.1 79.7 119.5

51 30.5 25.2 37.8

86 58.4 53.3 79.9



#25

2-Butanone

Concen: 10.597 ug/l

RT: 7.490 min Scan# 944

Delta R.T. 0.000 min

Lab File: VN077555.D

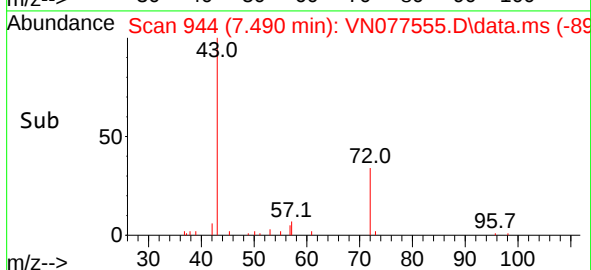
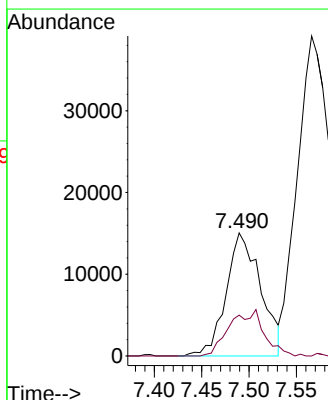
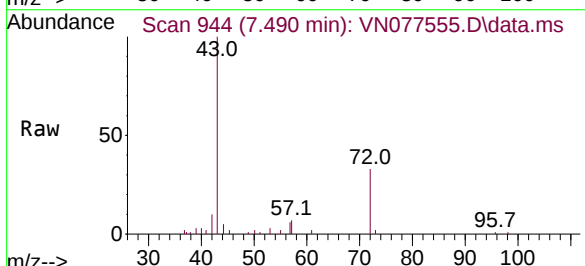
Acq: 03 May 2023 12:06

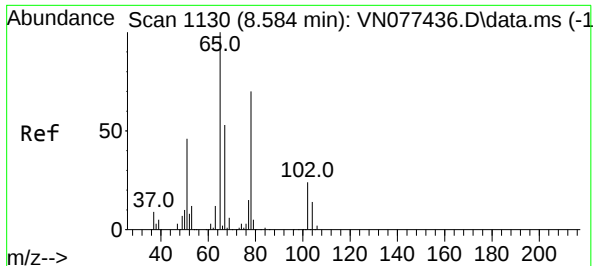
Tgt Ion: 43 Resp: 38376

Ion Ratio Lower Upper

43 100

72 33.1 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 51.221 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

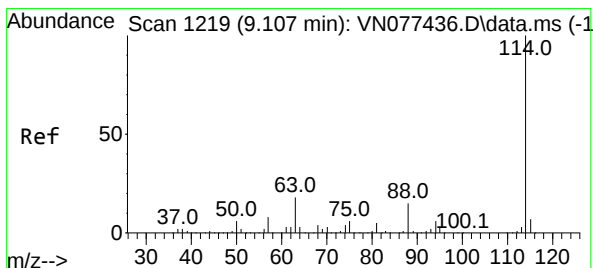
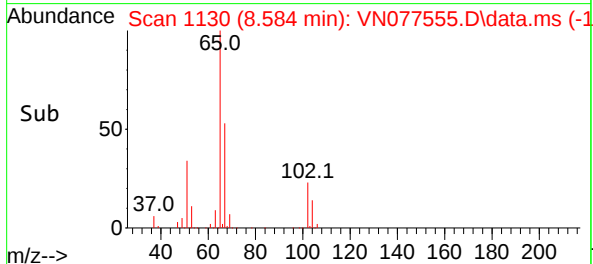
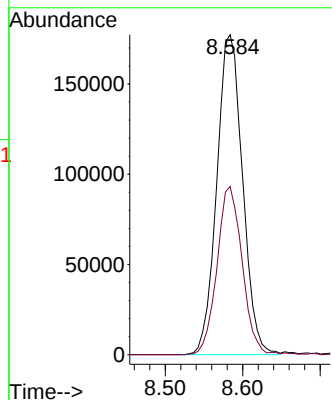
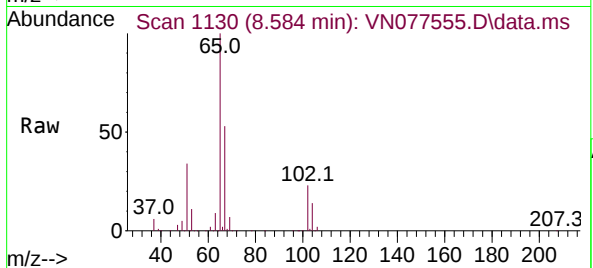
PB152533TB

Tgt Ion: 65 Resp: 411076

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

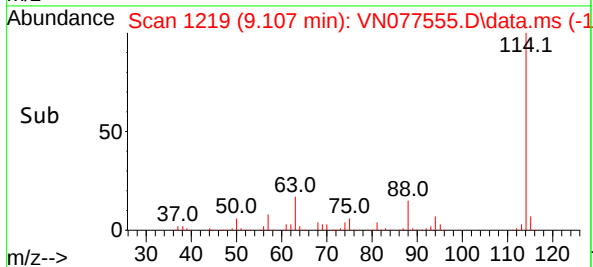
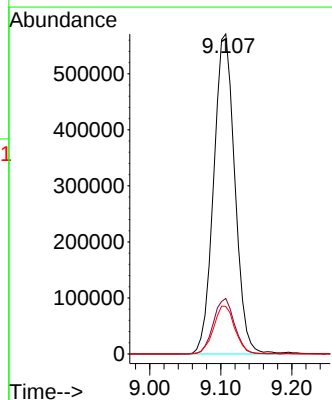
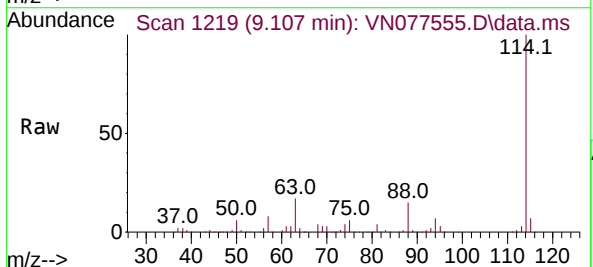
Tgt Ion: 114 Resp: 1177236

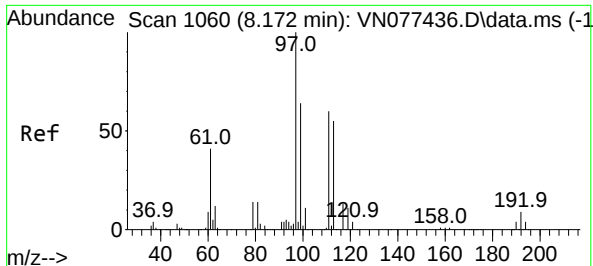
Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.901 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

PB152533TB

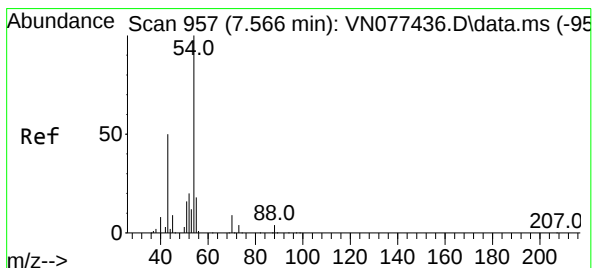
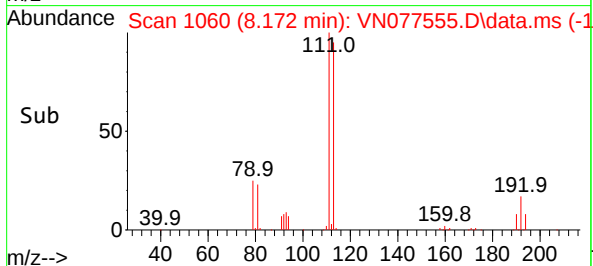
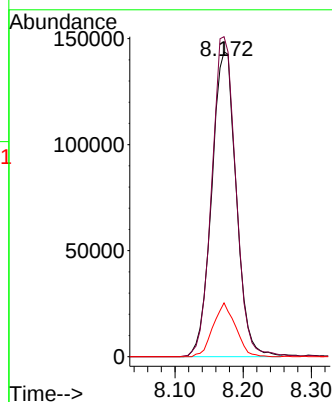
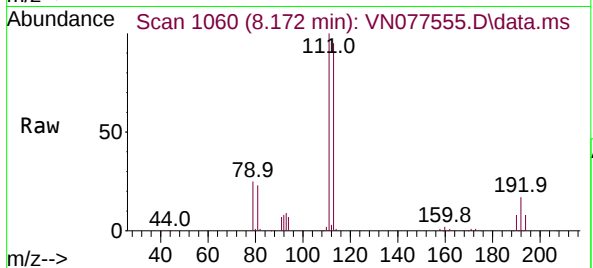
Tgt Ion:113 Resp: 360161

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 16.2 12.7 19.1



#37

Ethyl Acetate

Concen: 12.778 ug/l

RT: 7.566 min Scan# 957

Delta R.T. 0.000 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

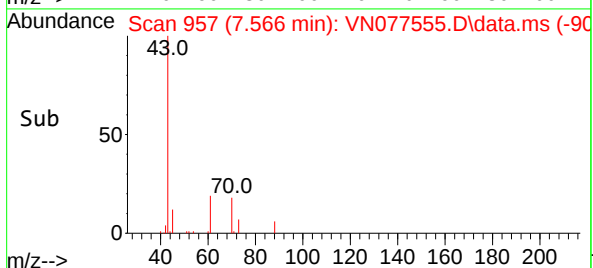
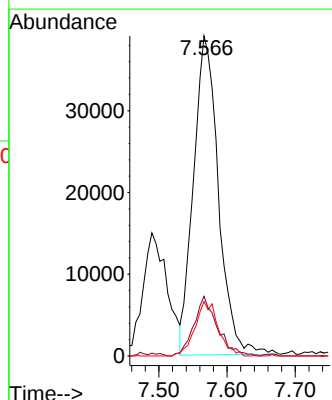
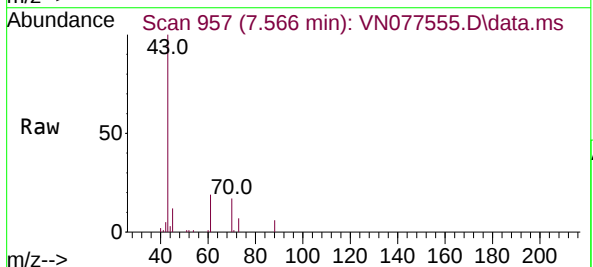
Tgt Ion: 43 Resp: 99258

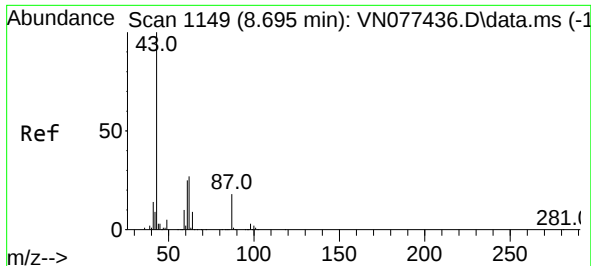
Ion Ratio Lower Upper

43 100

61 17.5 13.2 19.8

70 16.0 11.3 16.9





#43

Isopropyl Acetate

Concen: 30.552 ug/l

RT: 8.690 min Scan# 1149

Delta R.T. -0.006 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

PB152533TB

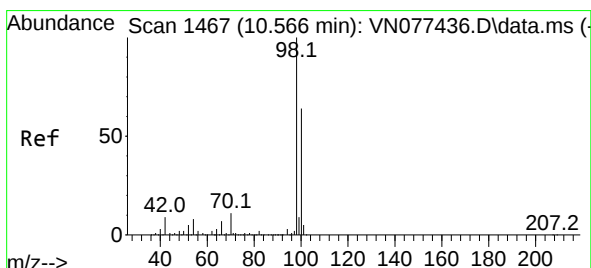
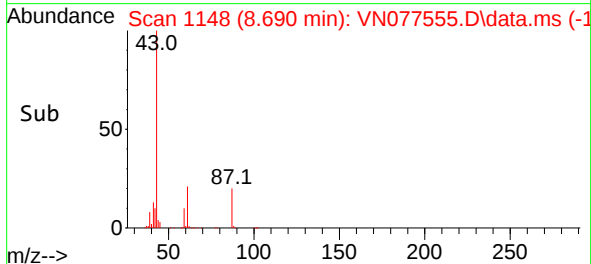
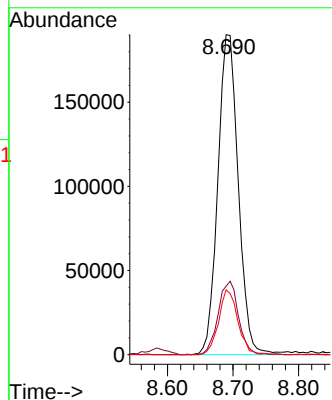
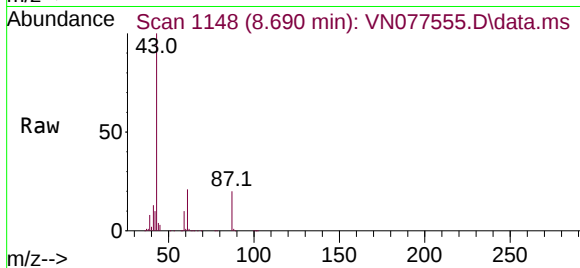
Tgt Ion: 43 Resp: 410569

Ion Ratio Lower Upper

43 100

61 23.0 24.7 37.1#

87 19.1 14.6 21.8



#50

Toluene-d8

Concen: 53.267 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. 0.000 min

Lab File: VN077555.D

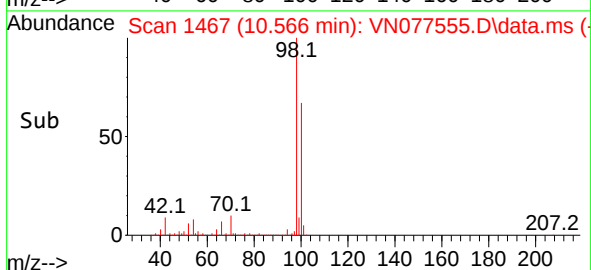
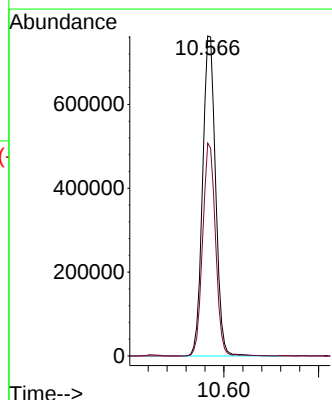
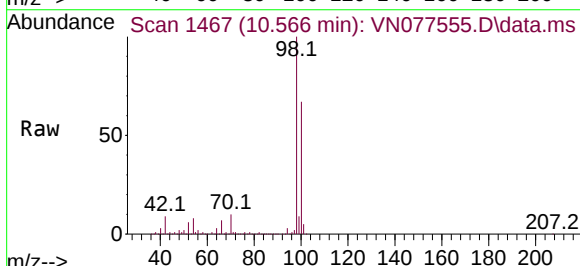
Acq: 03 May 2023 12:06

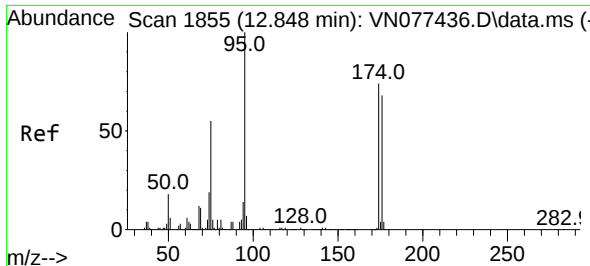
Tgt Ion: 98 Resp: 1444503

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0

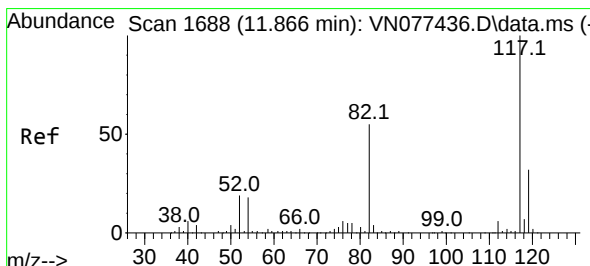
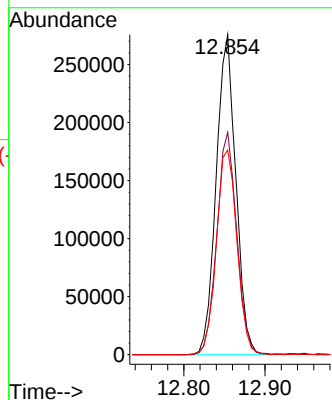
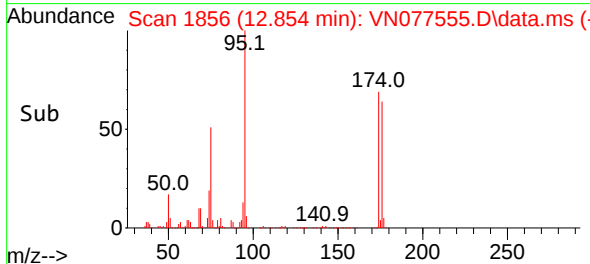
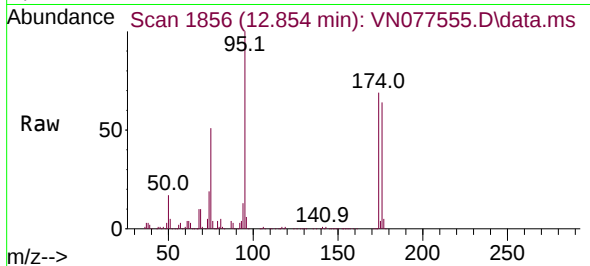




#62
4-Bromofluorobenzene
Concen: 52.317 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

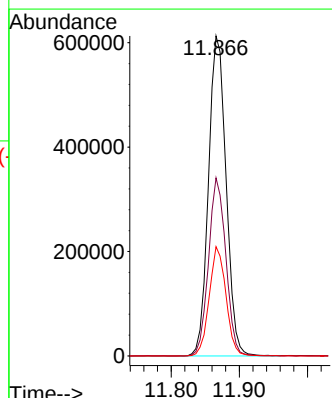
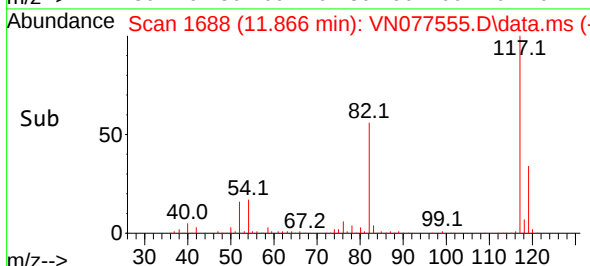
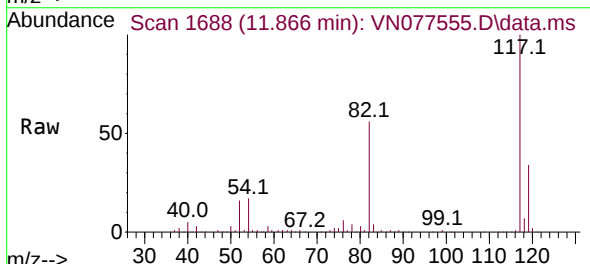
Instrument :
MSVOA_N
ClientSampleId :
PB152533TB

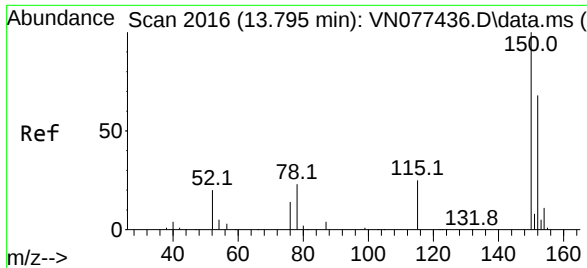
Tgt Ion: 95 Resp: 464182
Ion Ratio Lower Upper
95 100
174 70.2 0.0 143.8
176 66.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

Tgt Ion: 117 Resp: 1102505
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 34.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN077555.D
 Acq: 03 May 2023 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533TB

Tgt Ion:152 Resp: 387720
 Ion Ratio Lower Upper
 152 100
 115 63.2 32.3 96.8
 150 155.6 0.0 355.8

