

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077375.D
 Acq On : 19 Apr 2023 15:09
 Operator : JC\MD
 Sample : PB152199ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152199ZHE#03

Quant Time: Apr 20 04:26:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

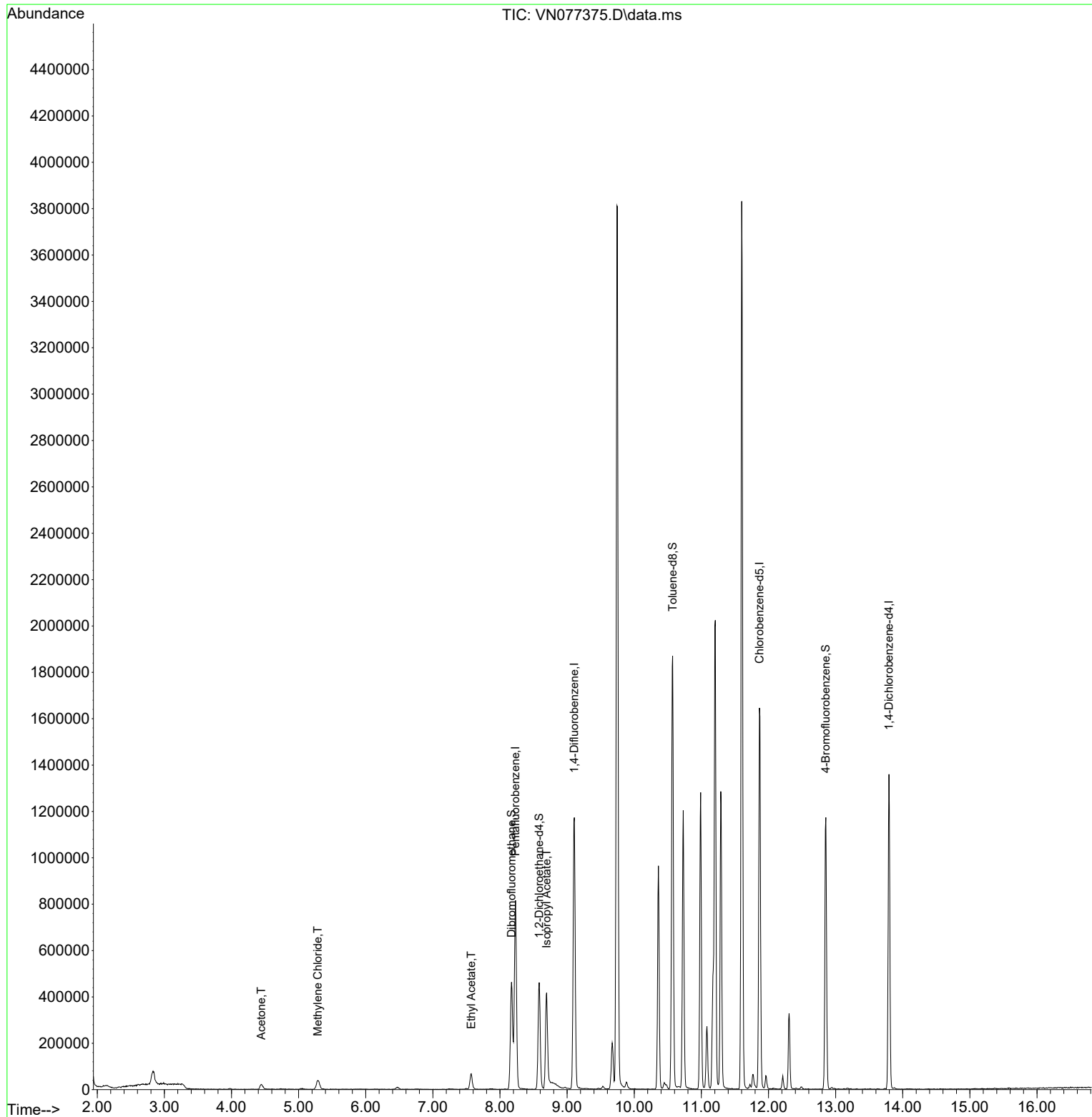
Internal Standards						
1) Pentafluorobenzene	8.230	168	582206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1105329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	997531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	362690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	360886	45.353	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.700%
35) Dibromofluoromethane	8.172	113	329672	46.590	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.180%
50) Toluene-d8	10.571	98	1356205	47.610	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.220%
62) 4-Bromofluorobenzene	12.854	95	427072	45.079	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.160%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	40683	13.867	ug/l	95
20) Methylene Chloride	5.284	84	36185	4.367	ug/l	94
37) Ethyl Acetate	7.572	43	94375	10.079	ug/l	96
43) Isopropyl Acetate	8.695	43	465846	26.962	ug/l #	90

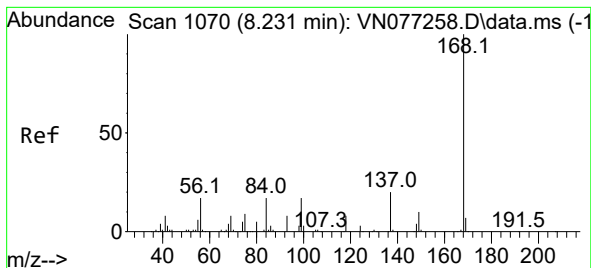
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN077375.D

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Instrument :

MSVOA_N

ClientSampleId :

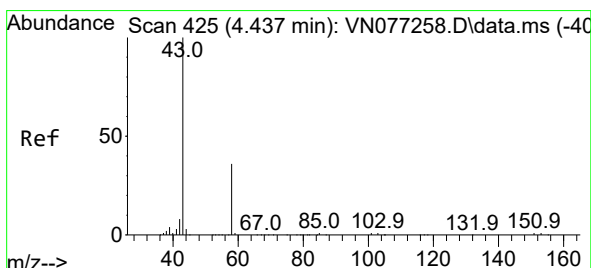
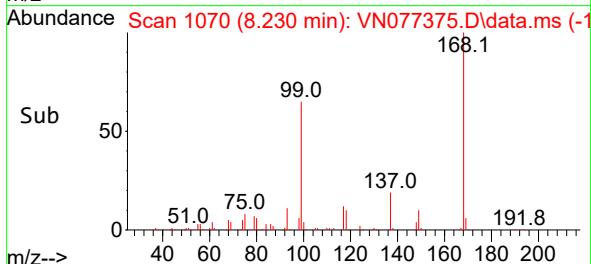
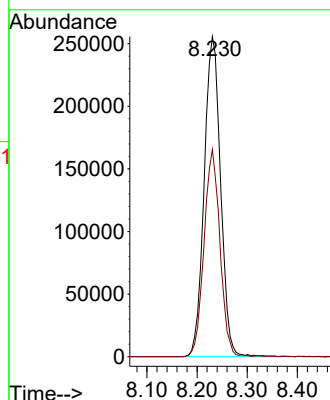
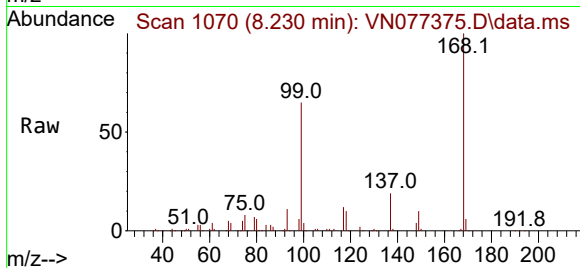
PB152199ZHE#03

Tgt Ion:168 Resp: 582206

Ion Ratio Lower Upper

168 100

99 64.7 50.6 75.8



#16

Acetone

Concen: 13.867 ug/l

RT: 4.442 min Scan# 426

Delta R.T. 0.005 min

Lab File: VN077375.D

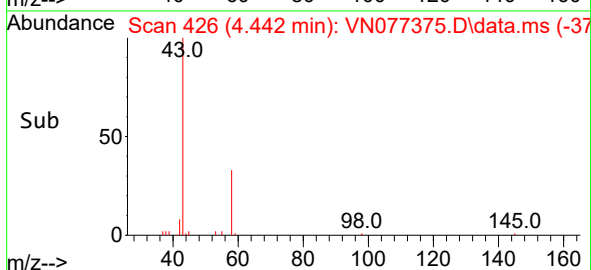
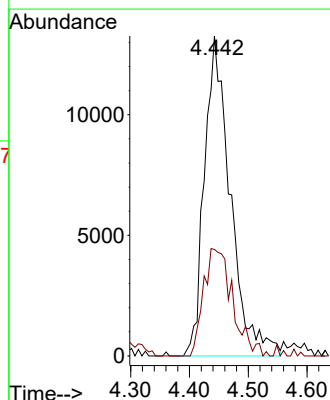
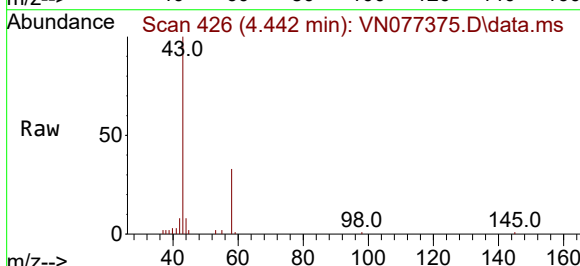
Acq: 19 Apr 2023 15:09

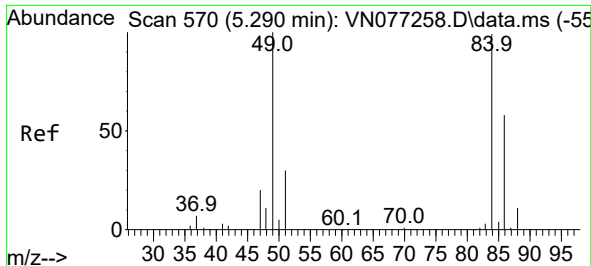
Tgt Ion: 43 Resp: 40683

Ion Ratio Lower Upper

43 100

58 33.3 29.0 43.6

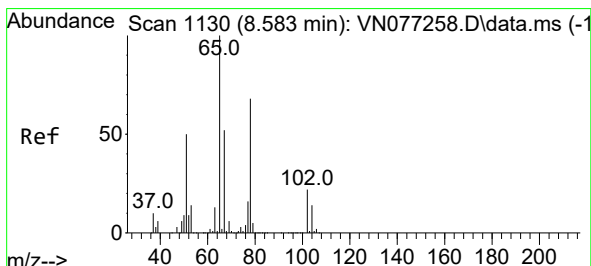
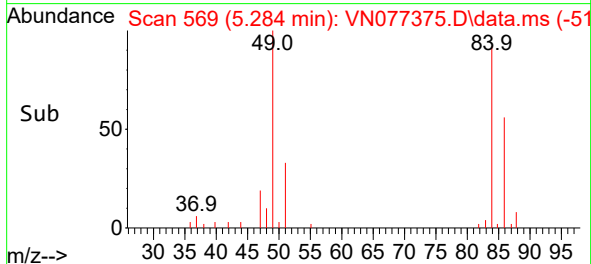
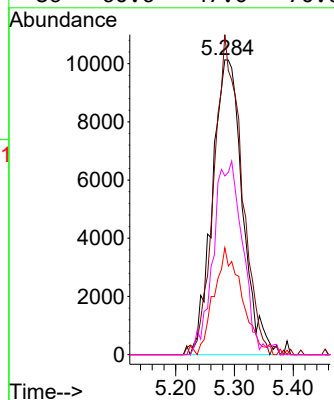
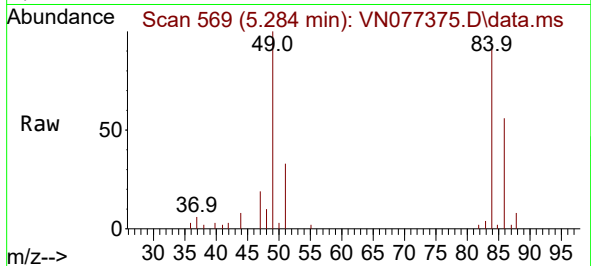




#20
Methylene Chloride
Concen: 4.367 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077375.D
Acq: 19 Apr 2023 15:09

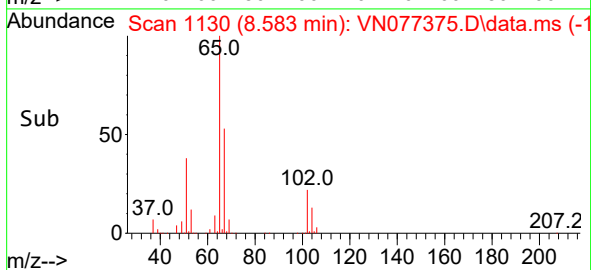
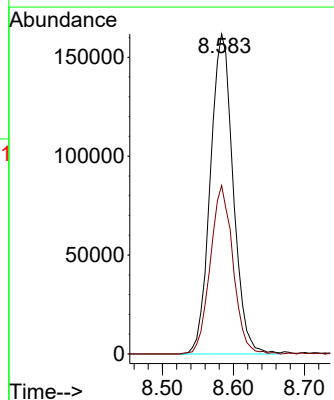
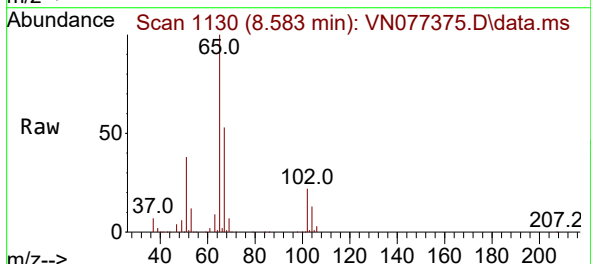
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#03

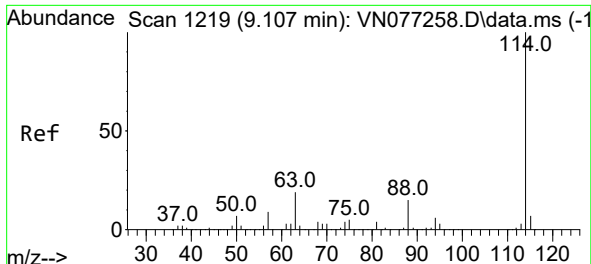
Tgt Ion: 84	Resp: 36185
Ion Ratio	Lower Upper
84 100	
49 108.5	80.6 121.0
51 36.2	24.4 36.6
86 60.6	47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 45.353 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077375.D
Acq: 19 Apr 2023 15:09

Tgt Ion: 65	Resp: 360886
Ion Ratio	Lower Upper
65 100	
67 52.4	0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077375.D

Acq: 19 Apr 2023 15:09

Instrument :

MSVOA_N

ClientSampleId :

PB152199ZHE#03

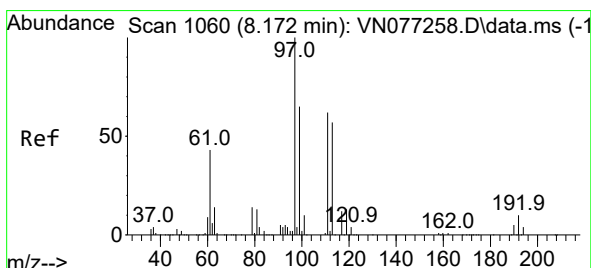
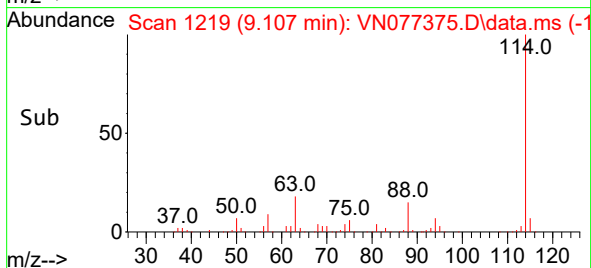
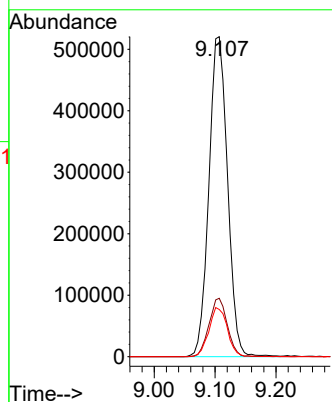
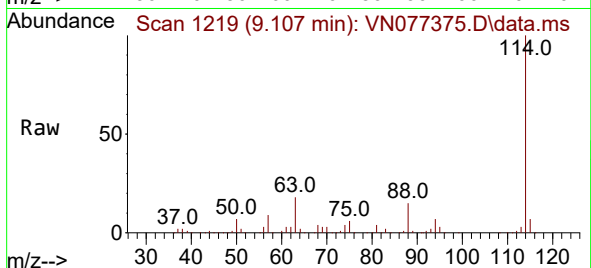
Tgt Ion:114 Resp: 1105329

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.8

88 14.7 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.590 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077375.D

Acq: 19 Apr 2023 15:09

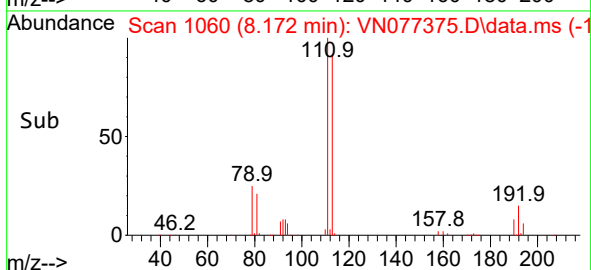
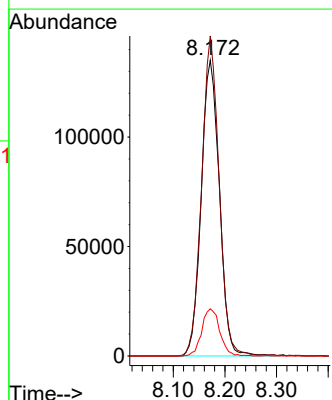
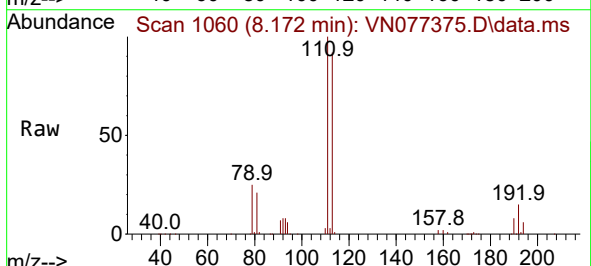
Tgt Ion:113 Resp: 329672

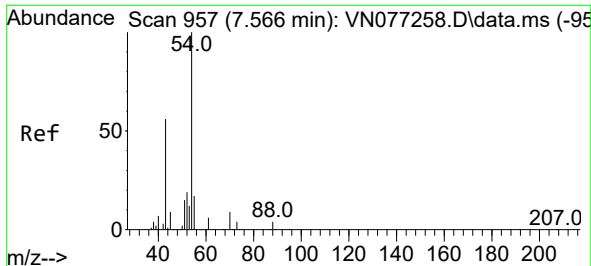
Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.0

192 15.8 13.5 20.3





#37

Ethyl Acetate

Concen: 10.079 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077375.D

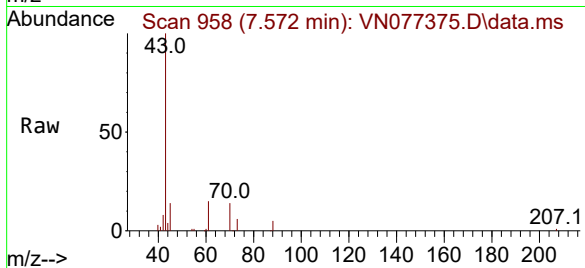
Acq: 19 Apr 2023 15:09

Instrument :

MSVOA_N

ClientSampleId :

PB152199ZHE#03



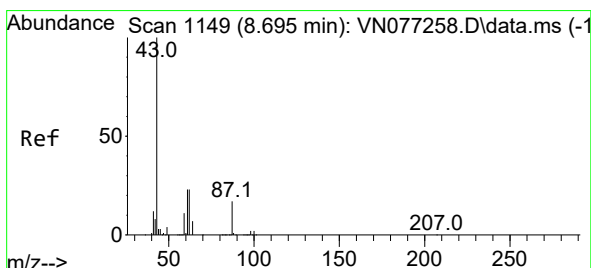
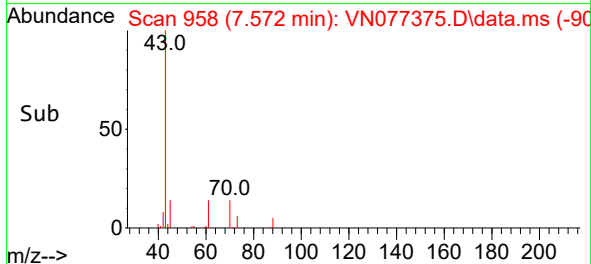
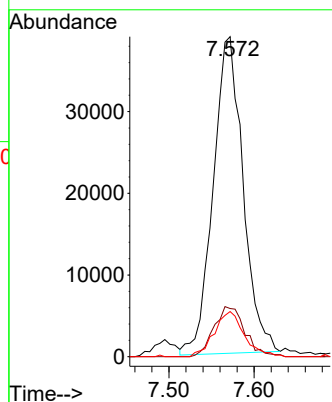
Tgt Ion: 43 Resp: 94375

Ion Ratio Lower Upper

43 100

61 16.4 12.2 18.2

70 14.3 10.0 15.0



#43

Isopropyl Acetate

Concen: 26.962 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077375.D

Acq: 19 Apr 2023 15:09

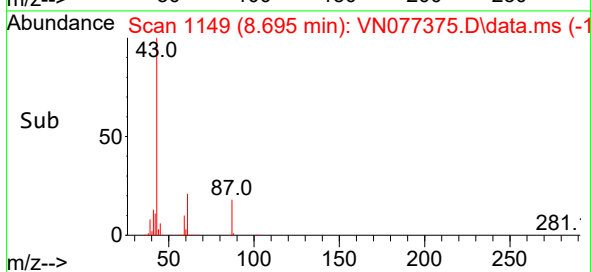
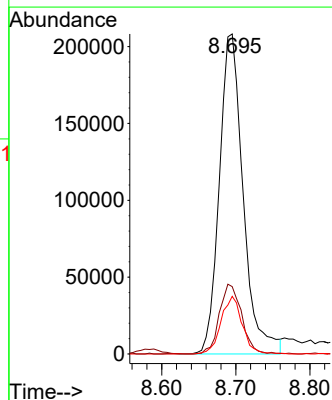
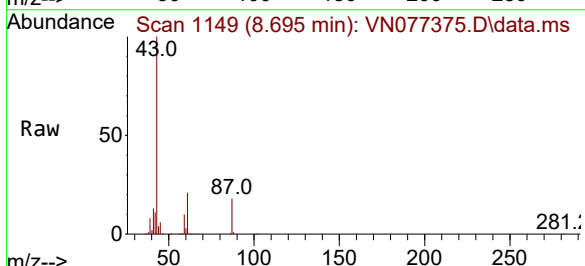
Tgt Ion: 43 Resp: 465846

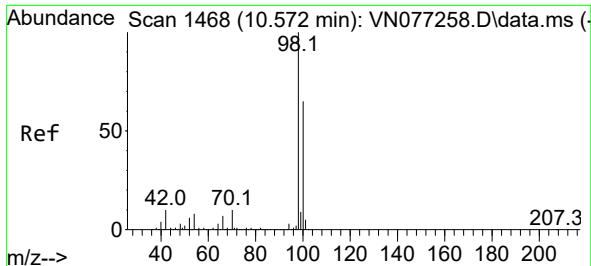
Ion Ratio Lower Upper

43 100

61 20.4 22.7 34.1#

87 16.0 13.6 20.4

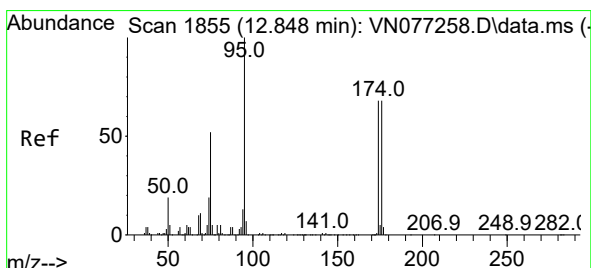
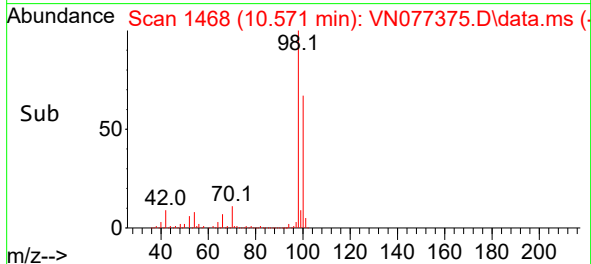
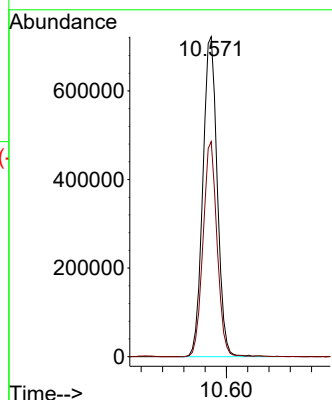
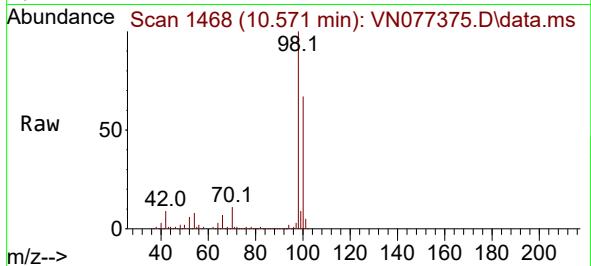




#50
Toluene-d8
Concen: 47.610 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077375.D
Acq: 19 Apr 2023 15:09

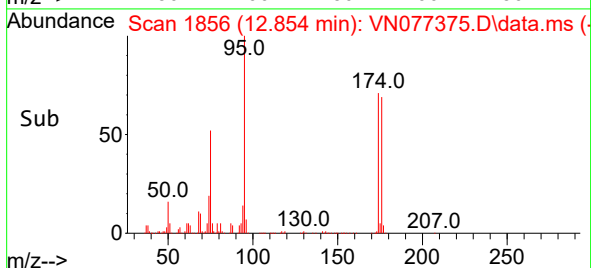
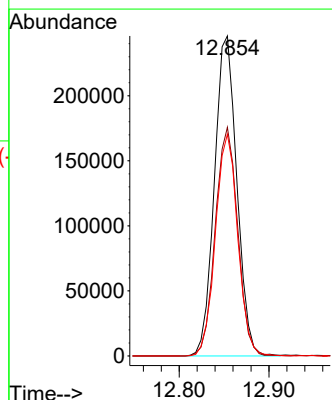
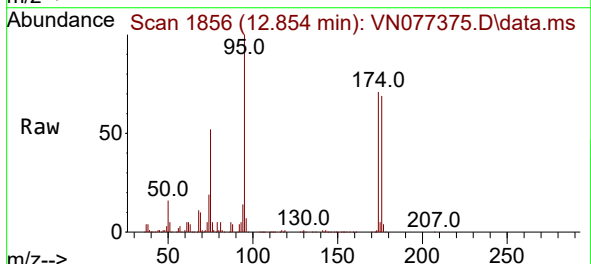
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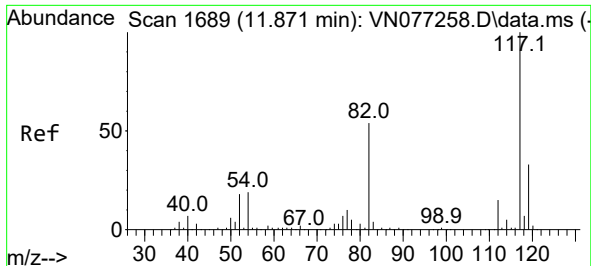
Tgt Ion: 98 Resp: 1356205
Ion Ratio Lower Upper
98 100
100 65.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.079 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077375.D
Acq: 19 Apr 2023 15:09

Tgt Ion: 95 Resp: 427072
Ion Ratio Lower Upper
95 100
174 71.3 0.0 146.8
176 68.8 0.0 139.6

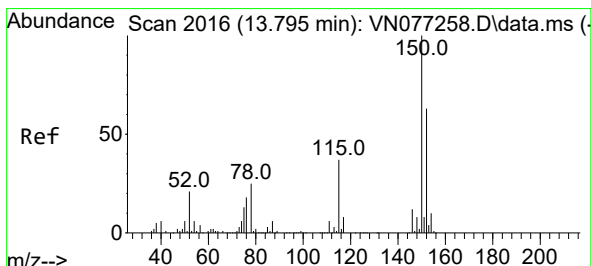
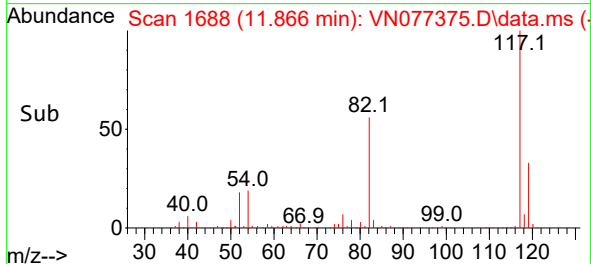
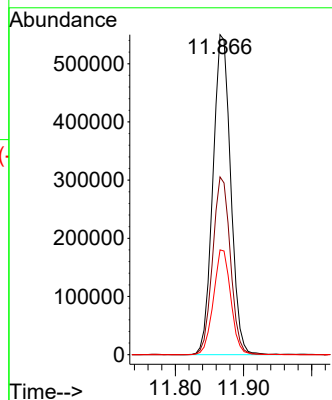
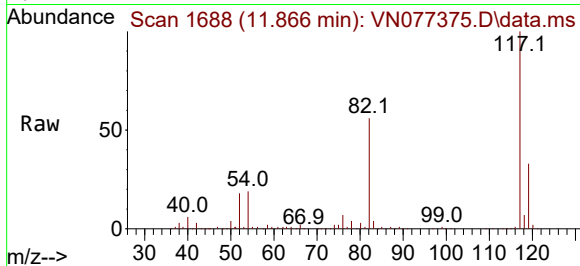




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077375.D
Acq: 19 Apr 2023 15:09

Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#03

Tgt Ion:117 Resp: 997531
Ion Ratio Lower Upper
117 100
82 55.6 42.9 64.3
119 32.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077375.D
Acq: 19 Apr 2023 15:09

Tgt Ion:152 Resp: 362690
Ion Ratio Lower Upper
152 100
115 62.8 32.1 96.3
150 158.7 0.0 354.8

