

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077380.D
 Acq On : 19 Apr 2023 17:10
 Operator : JC\MD
 Sample : PB152199ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152199ZHE#08

Quant Time: Apr 20 04:27:07 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)

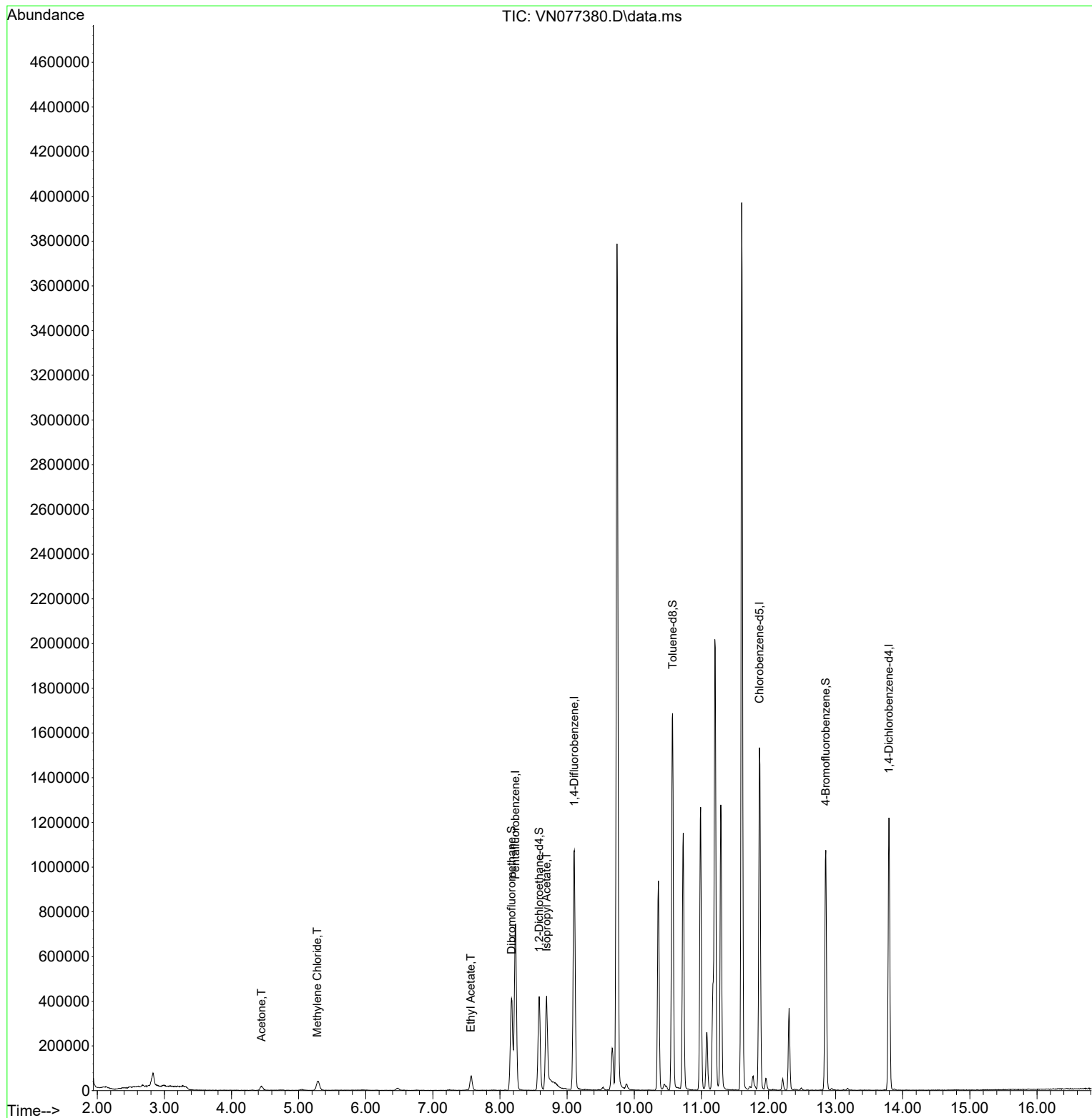
Internal Standards						
1) Pentafluorobenzene	8.231	168	539523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1003603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	937810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	331469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	330573	44.830	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.660%
35) Dibromofluoromethane	8.172	113	303925	47.305	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.620%
50) Toluene-d8	10.572	98	1223248	47.295	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.600%
62) 4-Bromofluorobenzene	12.854	95	387222	45.015	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.040%
Target Compounds						
					Qvalue	
16) Acetone	4.449	43	33104	12.176	ug/l #	83
20) Methylene Chloride	5.278	84	39053	5.086	ug/l #	82
37) Ethyl Acetate	7.566	43	89437	10.520	ug/l	96
43) Isopropyl Acetate	8.695	43	517908	33.013	ug/l #	86

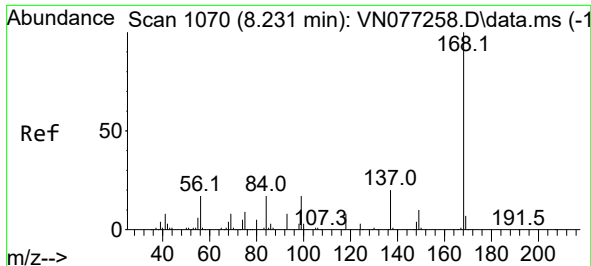
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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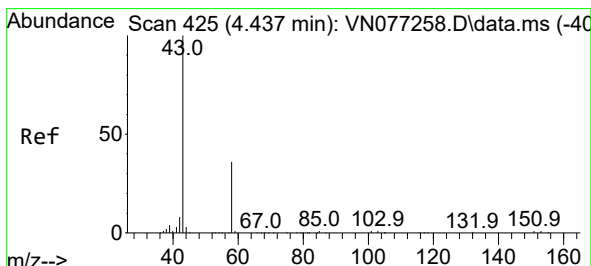
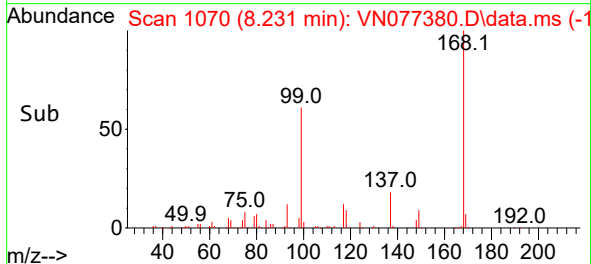
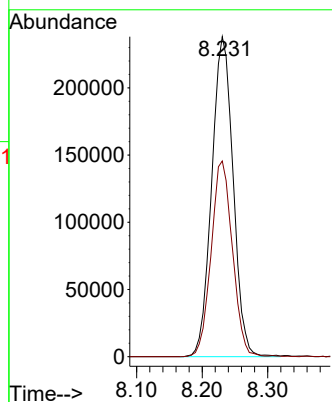
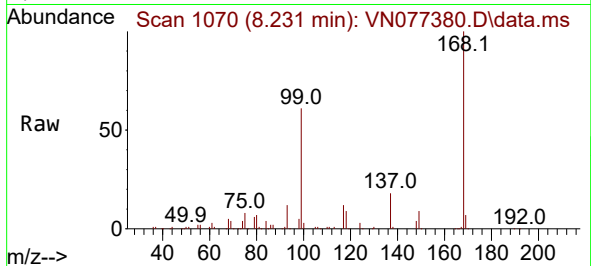




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077380.D
Acq: 19 Apr 2023 17:10

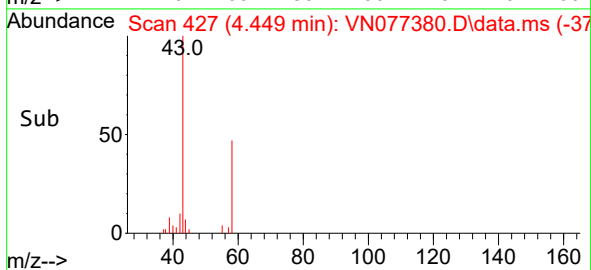
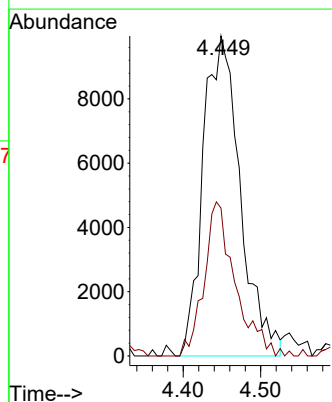
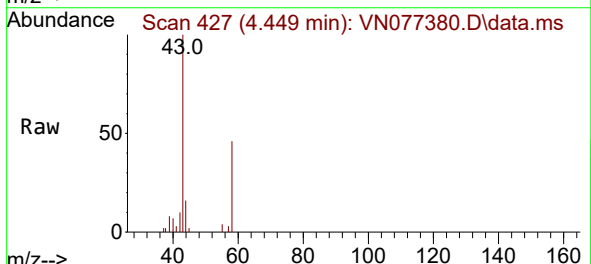
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#08

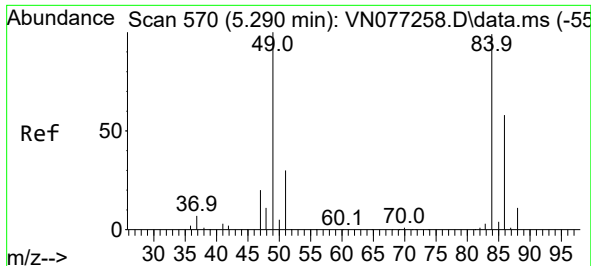
Tgt Ion:168 Resp: 539523
Ion Ratio Lower Upper
168 100
99 61.2 50.6 75.8



#16
Acetone
Concen: 12.176 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN077380.D
Acq: 19 Apr 2023 17:10

Tgt Ion: 43 Resp: 33104
Ion Ratio Lower Upper
43 100
58 46.2 29.0 43.6#

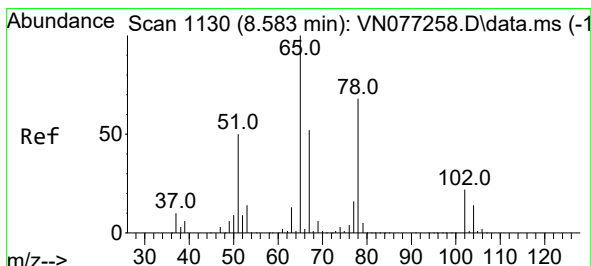
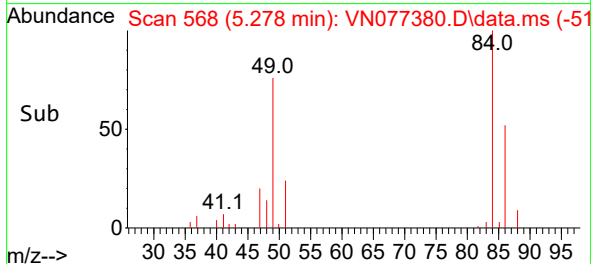
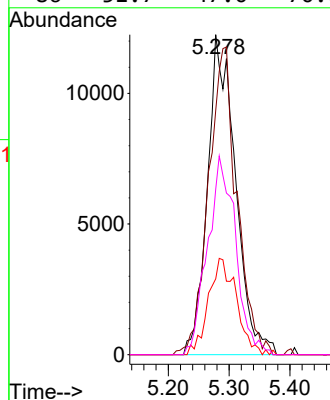
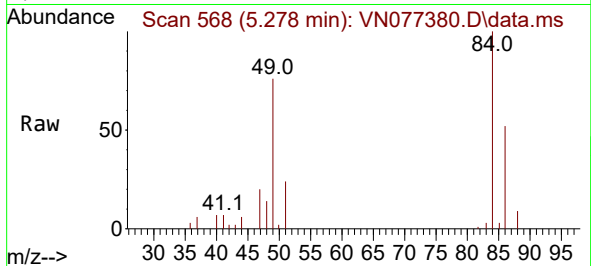




#20
Methylene Chloride
Concen: 5.086 ug/l
RT: 5.278 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN077380.D
Acq: 19 Apr 2023 17:10

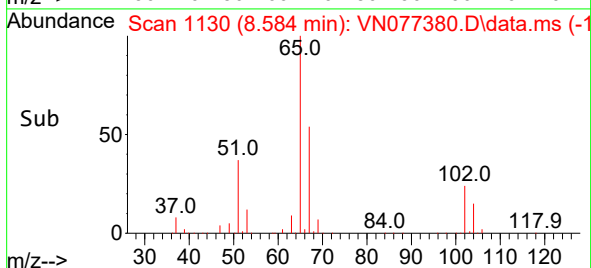
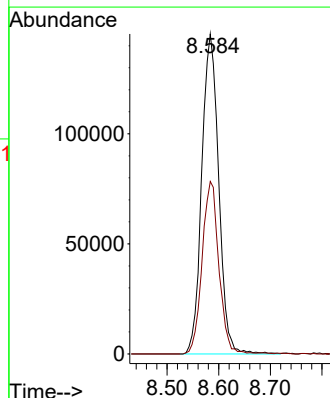
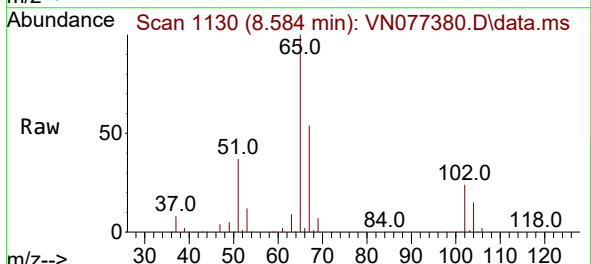
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#08

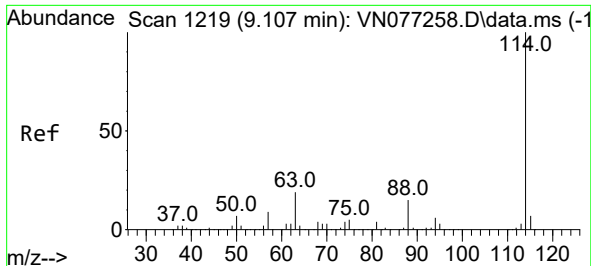
Tgt Ion: 84	Resp: 39053
Ion Ratio	Lower Upper
84 100	
49 76.3	80.6 121.0#
51 23.7	24.4 36.6#
86 51.7	47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 44.830 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077380.D
Acq: 19 Apr 2023 17:10

Tgt Ion: 65	Resp: 330573
Ion Ratio	Lower Upper
65 100	
67 53.3	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: VN077380.D

Acq: 19 Apr 2023 17:10

Instrument :

MSVOA_N

ClientSampleId :

PB152199ZHE#08

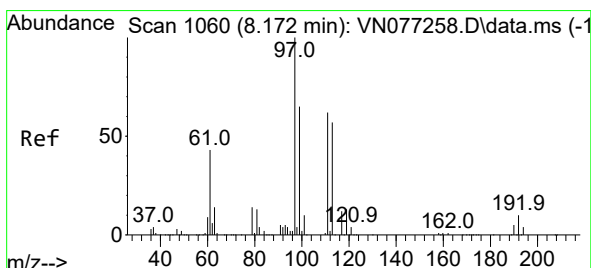
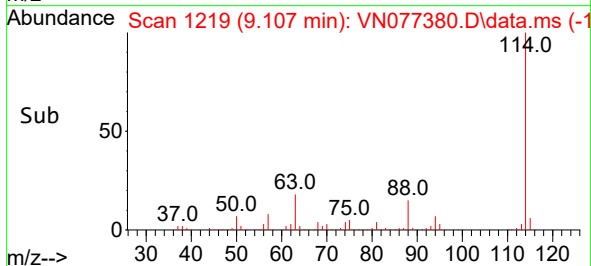
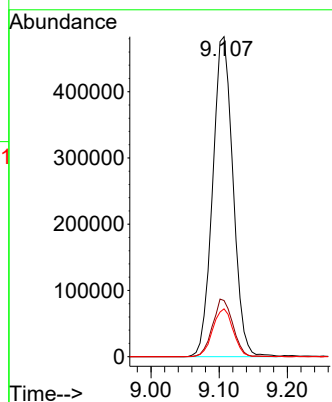
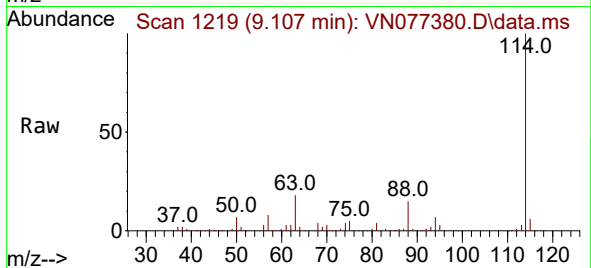
Tgt Ion:114 Resp: 1003603

Ion Ratio Lower Upper

114 100

63 17.5 0.0 37.8

88 15.0 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.305 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077380.D

Acq: 19 Apr 2023 17:10

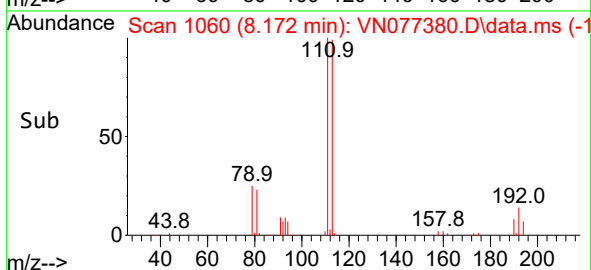
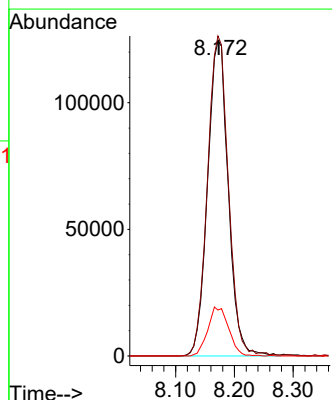
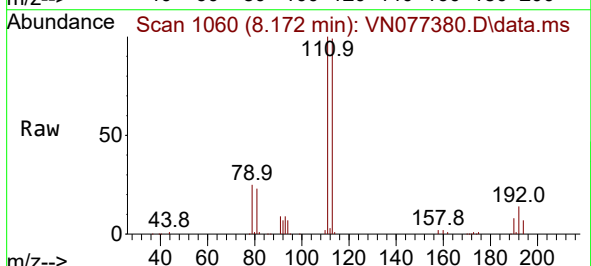
Tgt Ion:113 Resp: 303925

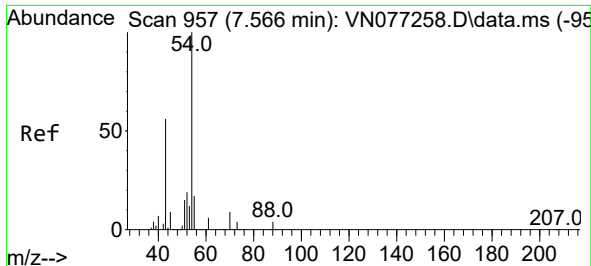
Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.0

192 15.7 13.5 20.3





#37

Ethyl Acetate

Concen: 10.520 ug/l

RT: 7.566 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN077380.D

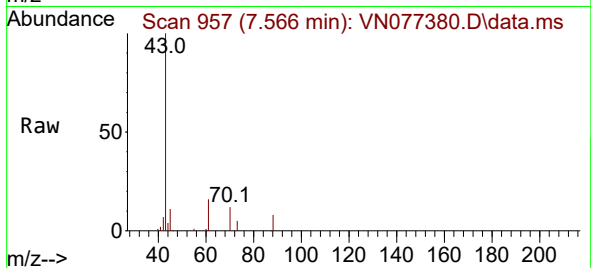
Acq: 19 Apr 2023 17:10

Instrument :

MSVOA_N

ClientSampleId :

PB152199ZHE#08



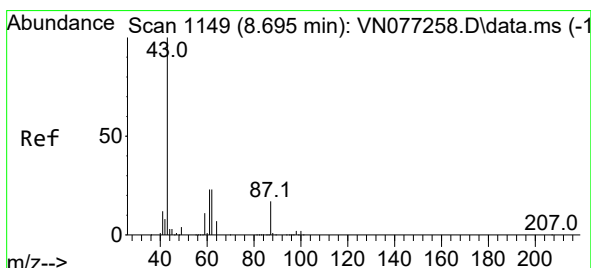
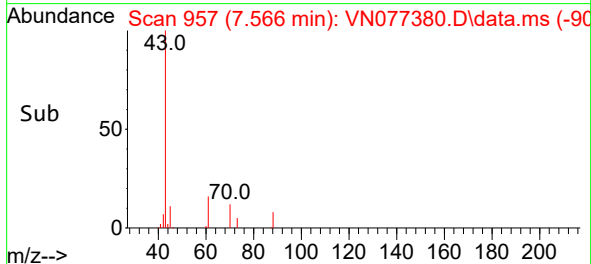
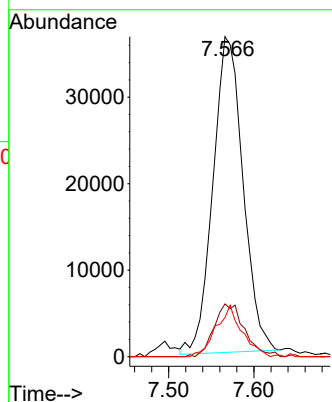
Tgt Ion: 43 Resp: 89437

Ion Ratio Lower Upper

43 100

61 17.0 12.2 18.2

70 14.0 10.0 15.0



#43

Isopropyl Acetate

Concen: 33.013 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077380.D

Acq: 19 Apr 2023 17:10

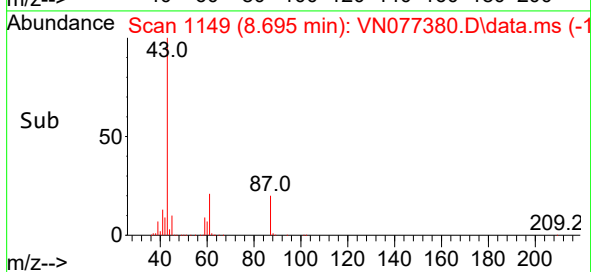
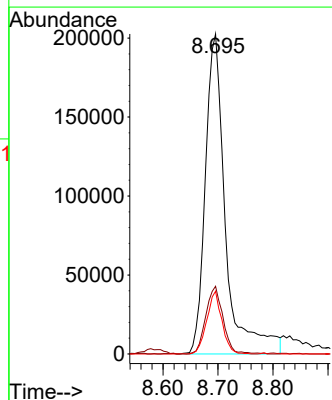
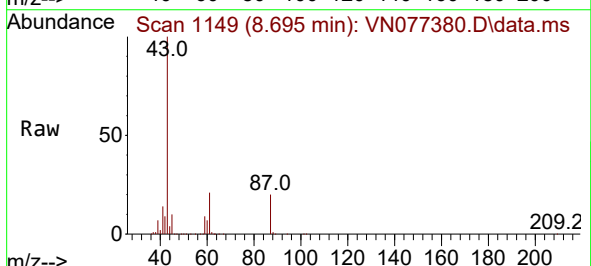
Tgt Ion: 43 Resp: 517908

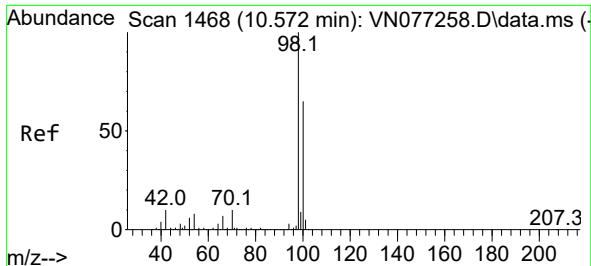
Ion Ratio Lower Upper

43 100

61 18.0 22.7 34.1#

87 14.6 13.6 20.4

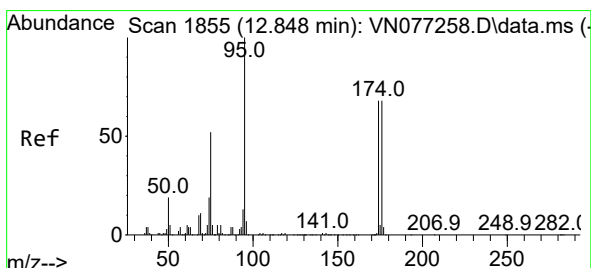
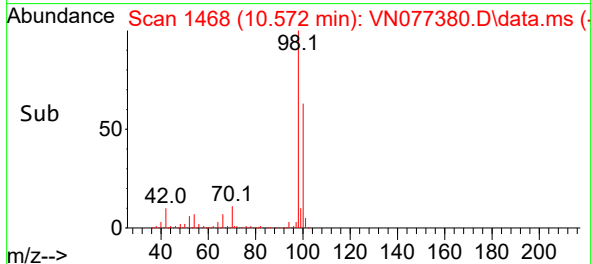
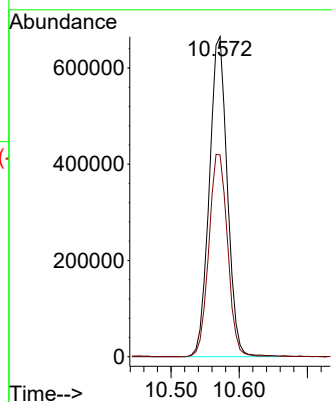
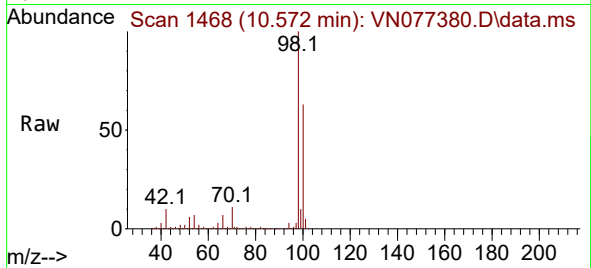




#50
Toluene-d8
Concen: 47.295 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077380.D
Acq: 19 Apr 2023 17:10

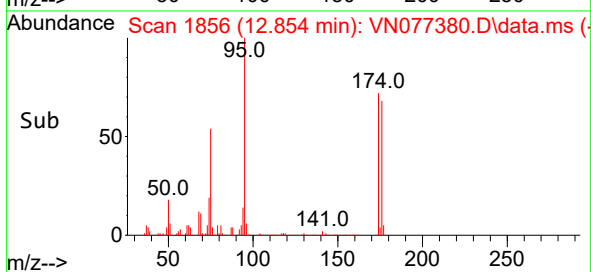
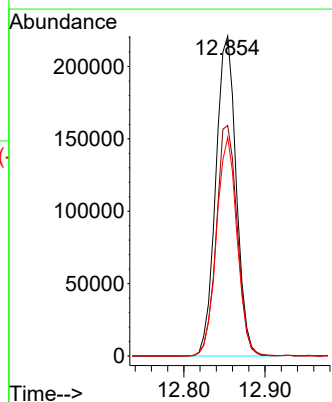
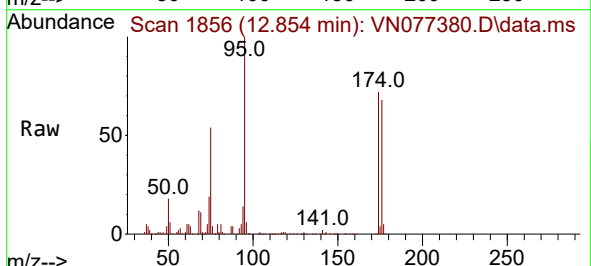
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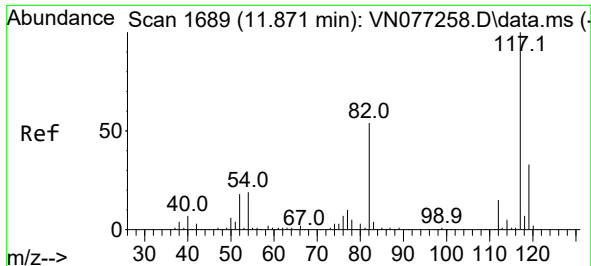
Tgt Ion: 98 Resp: 1223248
Ion Ratio Lower Upper
98 100
100 65.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.015 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077380.D
Acq: 19 Apr 2023 17:10

Tgt Ion: 95 Resp: 387222
Ion Ratio Lower Upper
95 100
174 73.6 0.0 146.8
176 68.7 0.0 139.6

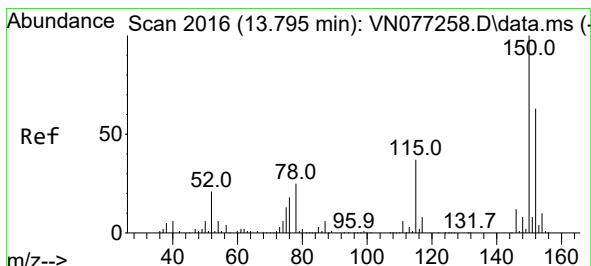
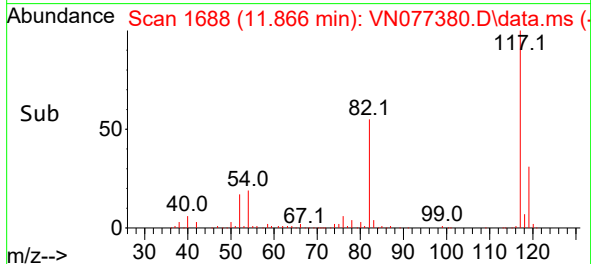
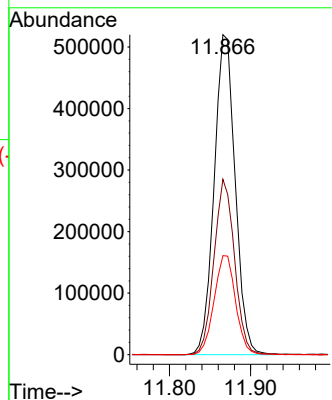
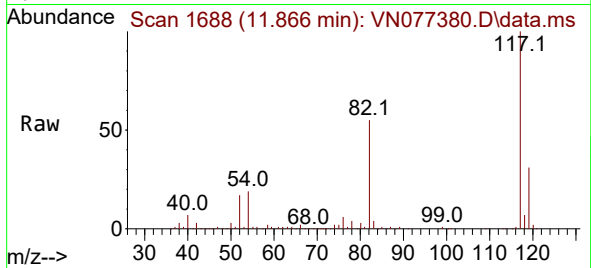




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077380.D
Acq: 19 Apr 2023 17:10

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 937810
Ion Ratio Lower Upper
117 100
82 54.8 42.9 64.3
119 31.0 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: VN077380.D
Acq: 19 Apr 2023 17:10

Tgt Ion:152 Resp: 331469
Ion Ratio Lower Upper
152 100
115 62.3 32.1 96.3
150 157.1 0.0 354.8

