

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077384.D
 Acq On : 19 Apr 2023 18:47
 Operator : JC\MD
 Sample : PB152199ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152199ZHE#12

Quant Time: Apr 20 04:27:52 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)

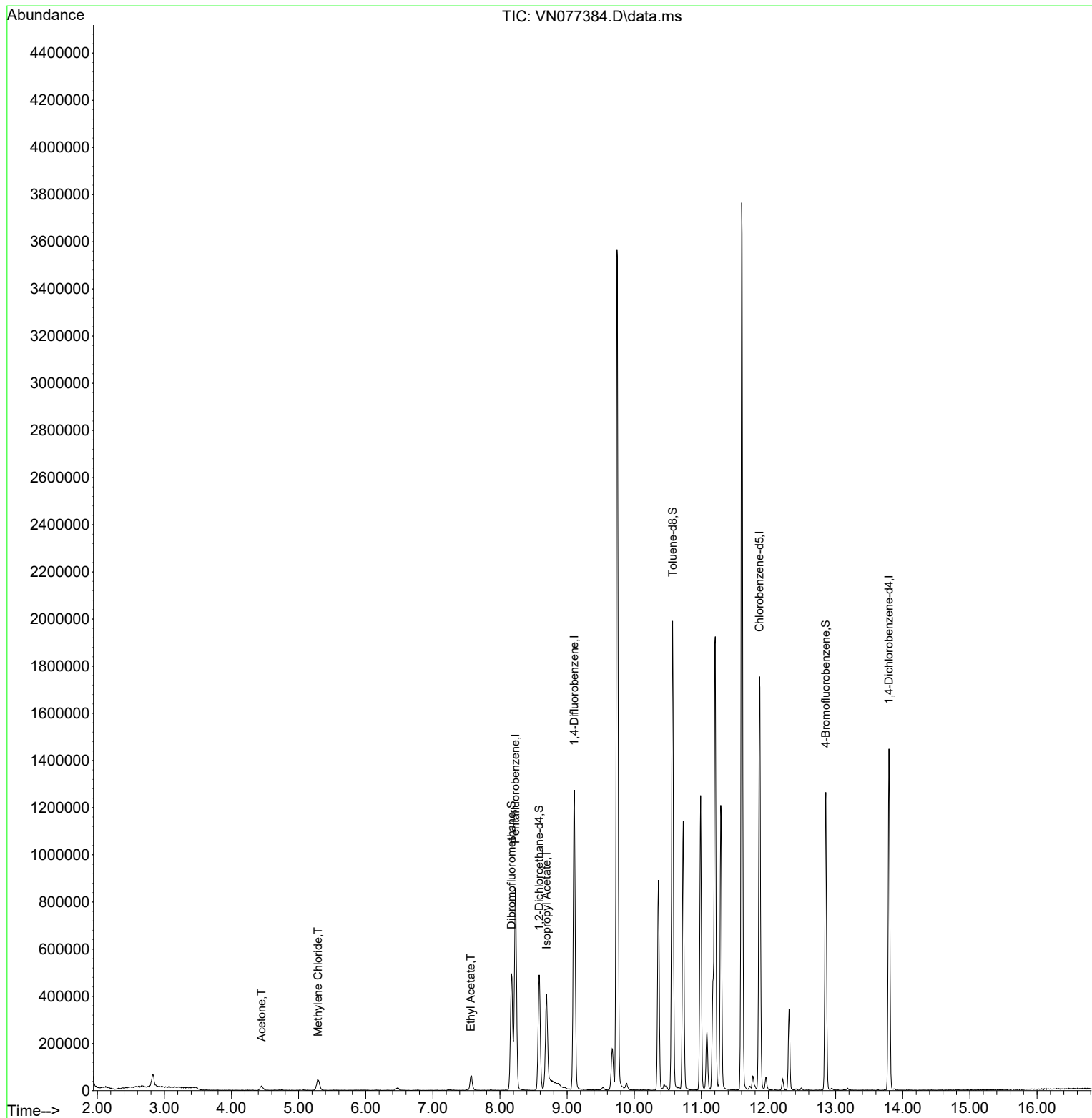
Internal Standards						
1) Pentafluorobenzene	8.230	168	612102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1168862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1082512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	395558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	387387	46.306	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.620%
35) Dibromofluoromethane	8.172	113	348638	46.593	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.180%
50) Toluene-d8	10.571	98	1420356	47.152	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.854	95	445131	44.431	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.860%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	32333	10.482	ug/l	98
20) Methylene Chloride	5.289	84	38530	4.423	ug/l	95
37) Ethyl Acetate	7.566	43	88092	8.897	ug/l #	94
43) Isopropyl Acetate	8.695	43	488263	26.723	ug/l #	85

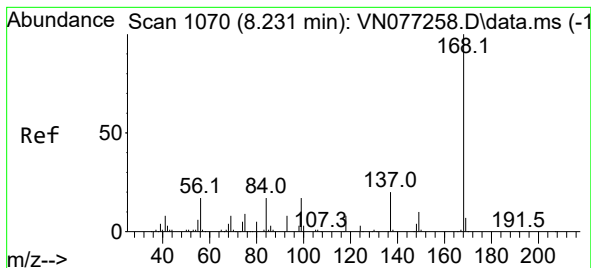
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.001 min

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MSVOA_N

ClientSampleId :

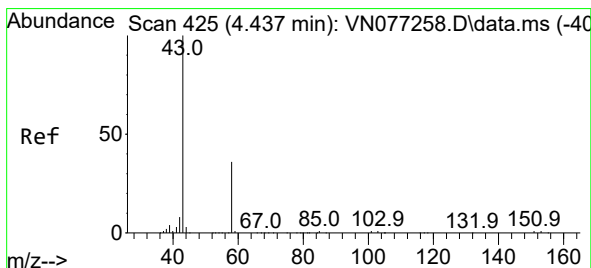
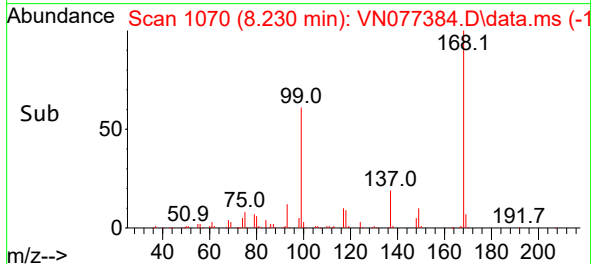
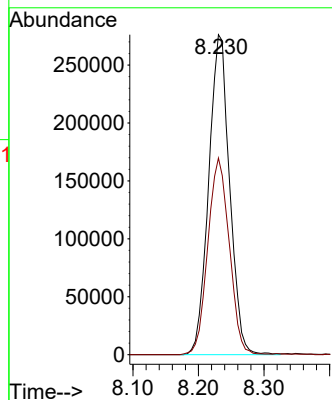
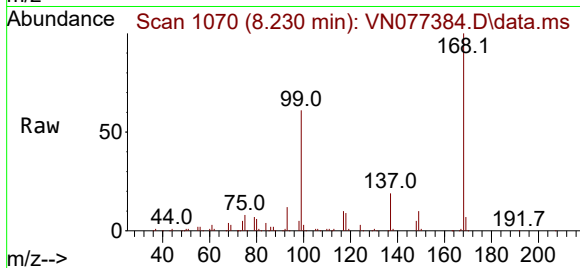
PB152199ZHE#12

Tgt Ion:168 Resp: 612102

Ion Ratio Lower Upper

168 100

99 61.4 50.6 75.8



#16

Acetone

Concen: 10.482 ug/l

RT: 4.448 min Scan# 427

Delta R.T. 0.011 min

Lab File: VN077384.D

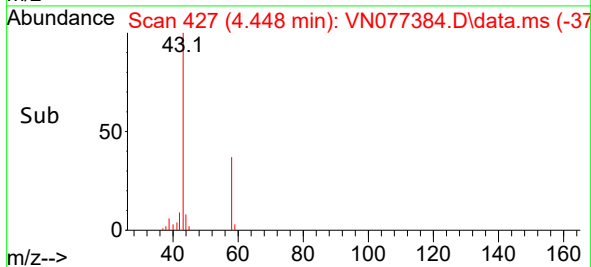
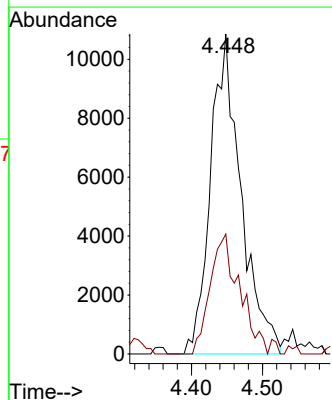
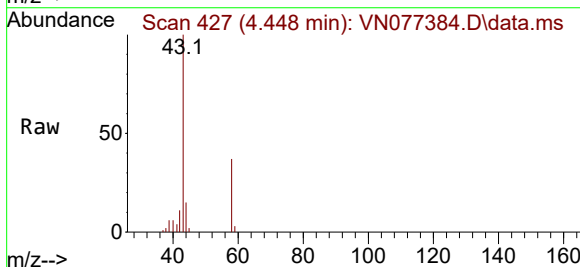
Acq: 19 Apr 2023 18:47

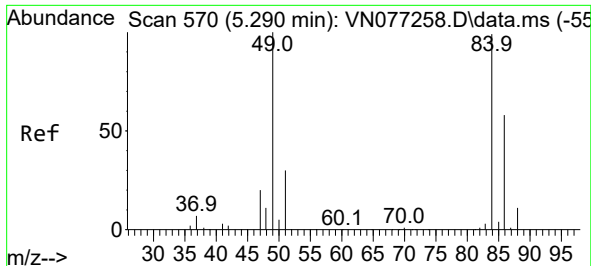
Tgt Ion: 43 Resp: 32333

Ion Ratio Lower Upper

43 100

58 37.4 29.0 43.6

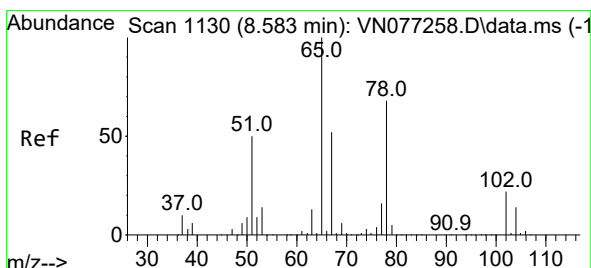
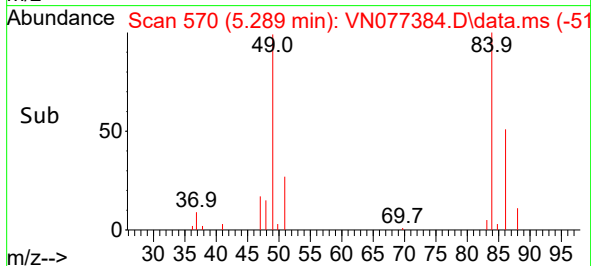
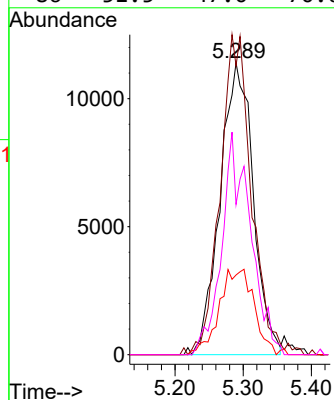
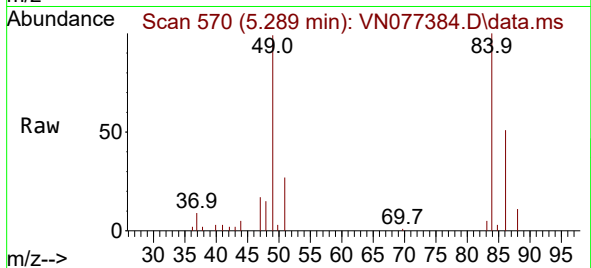




#20
Methylene Chloride
Concen: 4.423 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.001 min
Lab File: VN077384.D
Acq: 19 Apr 2023 18:47

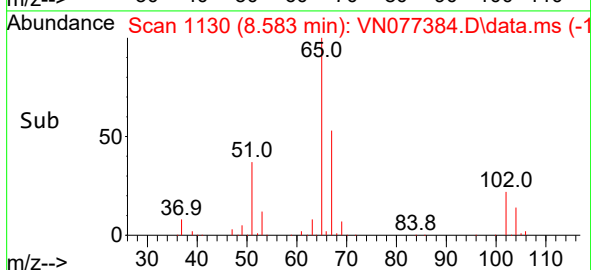
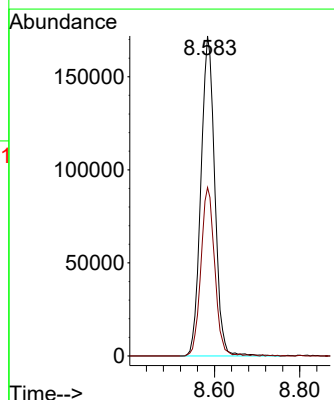
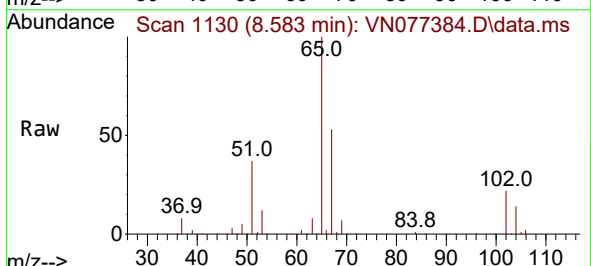
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#12

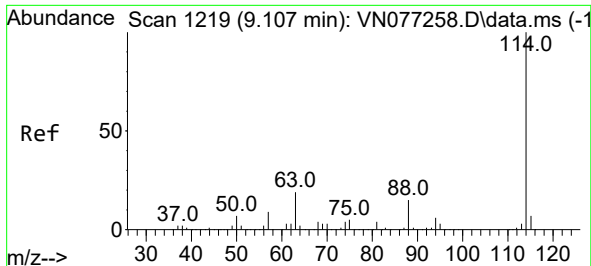
Tgt Ion:	84	Resp:	38530
Ion	Ratio	Lower	Upper
84	100		
49	99.0	80.6	121.0
51	27.3	24.4	36.6
86	51.5	47.0	70.6



#33
1,2-Dichloroethane-d4
Concen: 46.306 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077384.D
Acq: 19 Apr 2023 18:47

Tgt Ion:	65	Resp:	387387
Ion	Ratio	Lower	Upper
65	100		
67	52.3	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: VN077384.D

Acq: 19 Apr 2023 18:47

Instrument :

MSVOA_N

ClientSampleId :

PB152199ZHE#12

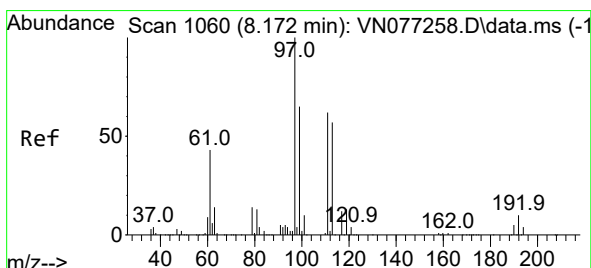
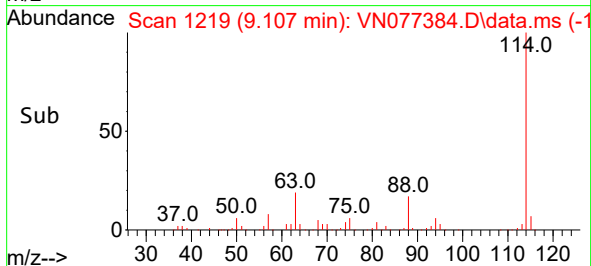
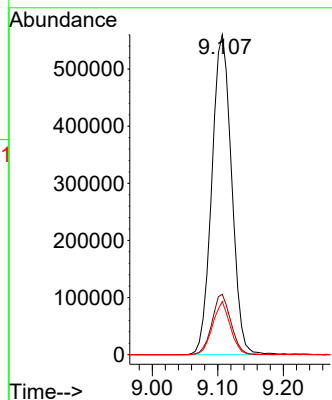
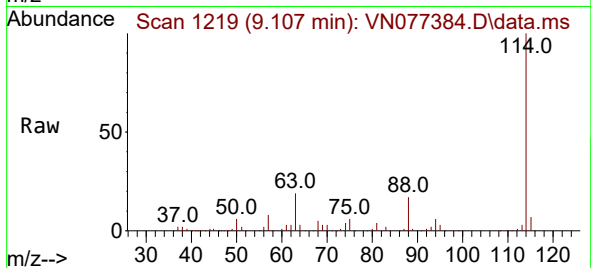
Tgt Ion:114 Resp: 1168862

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.8

88 16.6 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.593 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077384.D

Acq: 19 Apr 2023 18:47

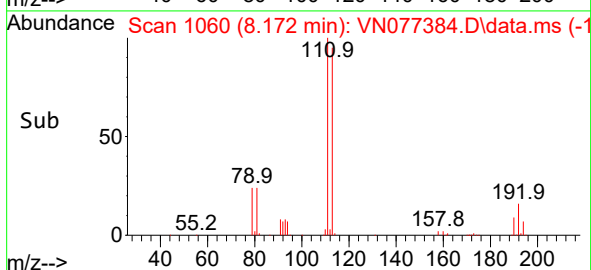
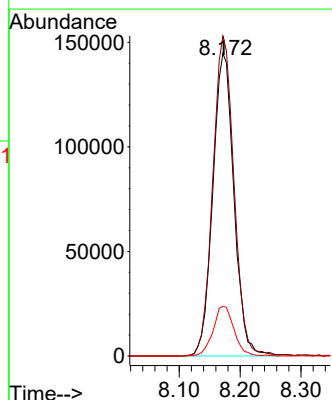
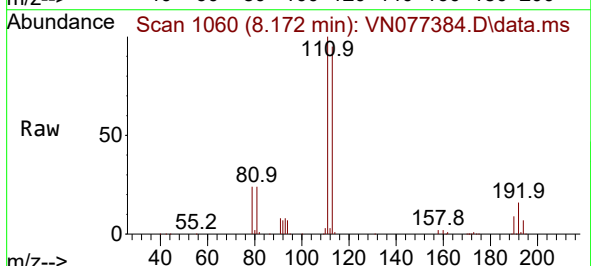
Tgt Ion:113 Resp: 348638

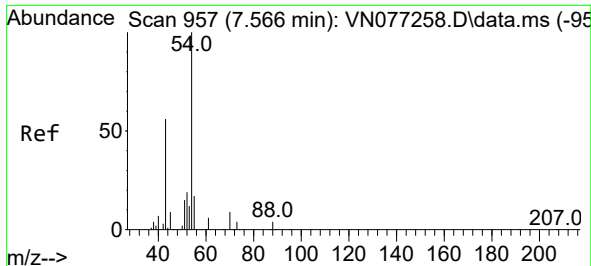
Ion Ratio Lower Upper

113 100

111 106.3 83.4 125.0

192 16.2 13.5 20.3

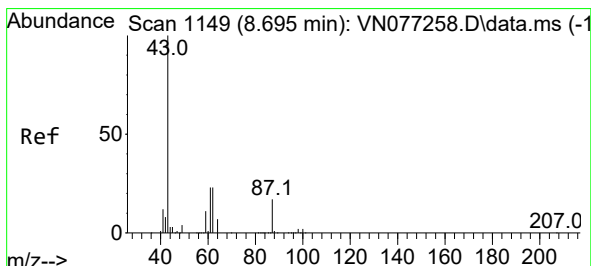
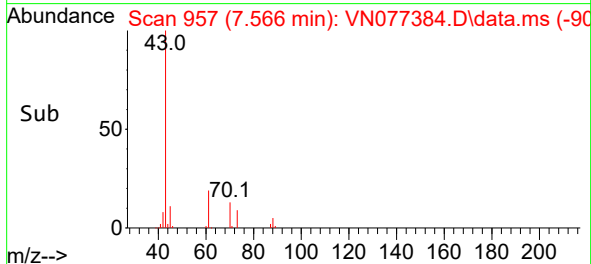
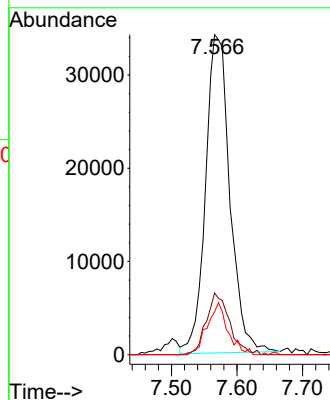
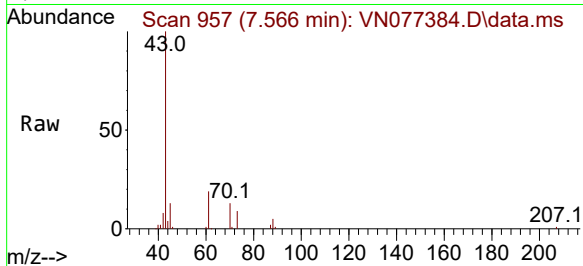




#37
Ethyl Acetate
Concen: 8.897 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077384.D
Acq: 19 Apr 2023 18:47

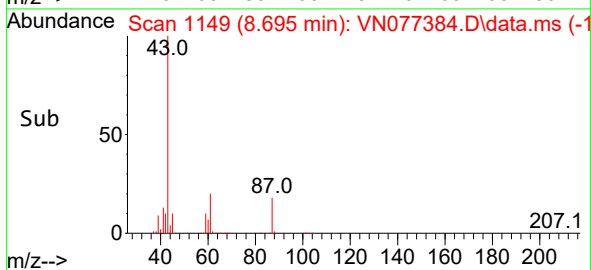
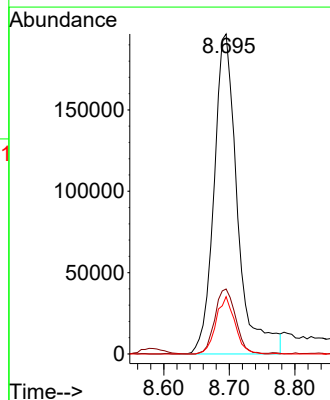
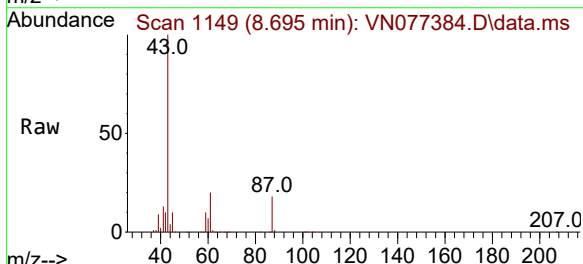
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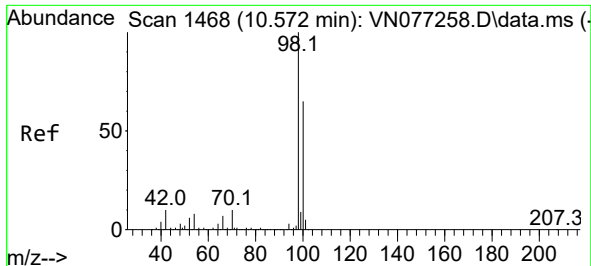
Tgt Ion: 43 Resp: 88092
Ion Ratio Lower Upper
43 100
61 18.4 12.2 18.2#
70 14.0 10.0 15.0



#43
Isopropyl Acetate
Concen: 26.723 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077384.D
Acq: 19 Apr 2023 18:47

Tgt Ion: 43 Resp: 488263
Ion Ratio Lower Upper
43 100
61 18.0 22.7 34.1#
87 14.4 13.6 20.4

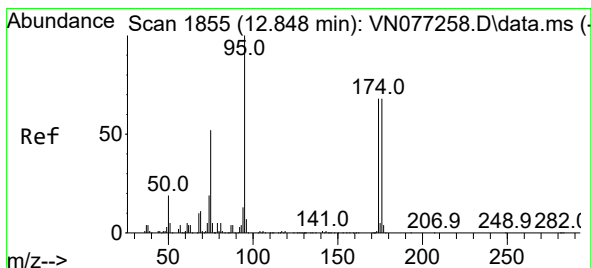
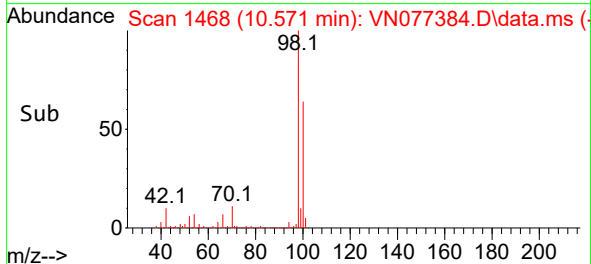
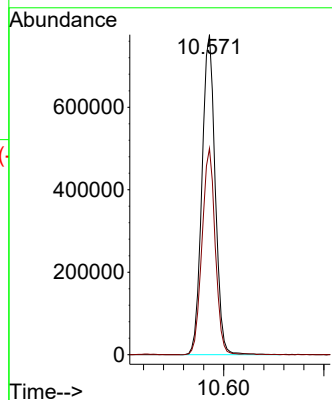
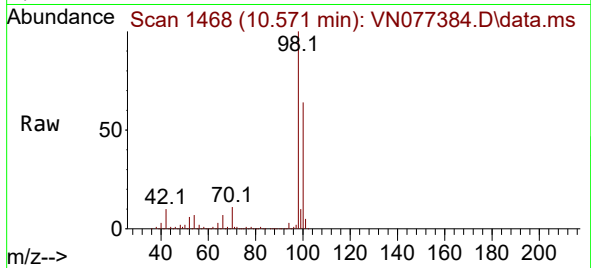




#50
Toluene-d8
Concen: 47.152 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077384.D
Acq: 19 Apr 2023 18:47

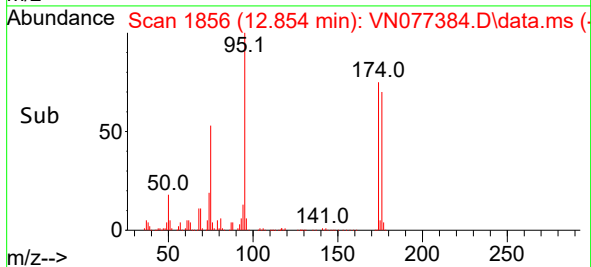
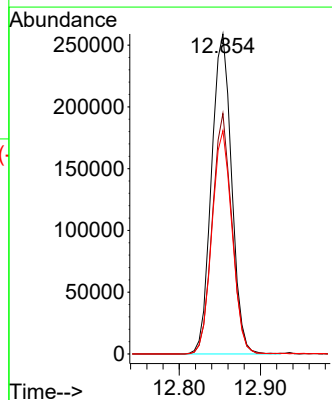
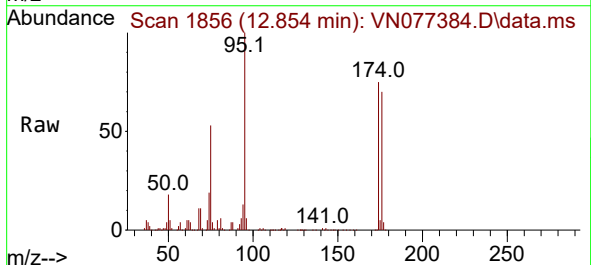
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#12

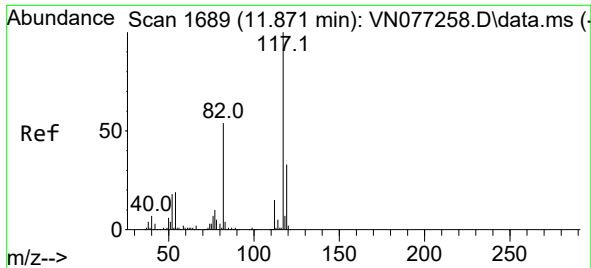
Tgt Ion: 98 Resp: 1420356
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 44.431 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077384.D
Acq: 19 Apr 2023 18:47

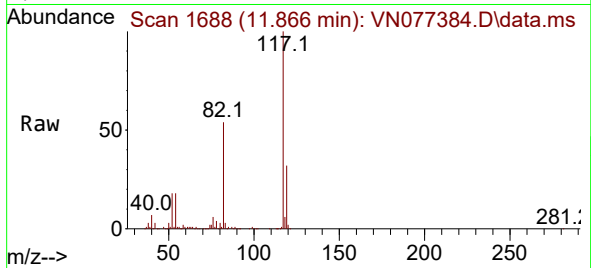
Tgt Ion: 95 Resp: 445131
Ion Ratio Lower Upper
95 100
174 73.1 0.0 146.8
176 70.0 0.0 139.6



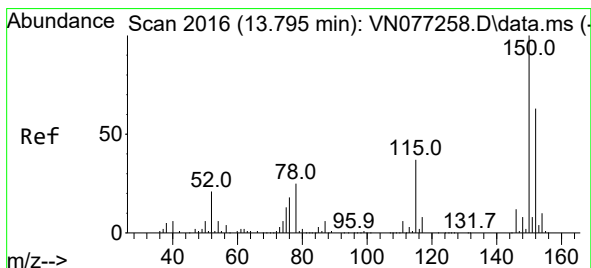
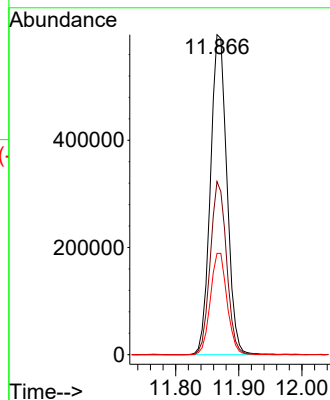
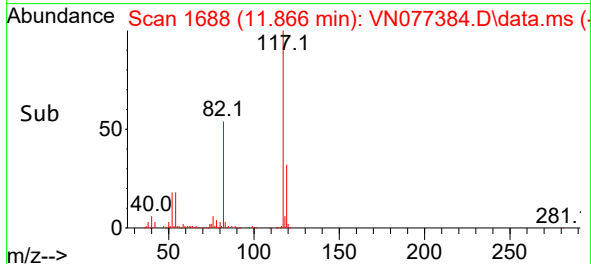


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077384.D
Acq: 19 Apr 2023 18:47

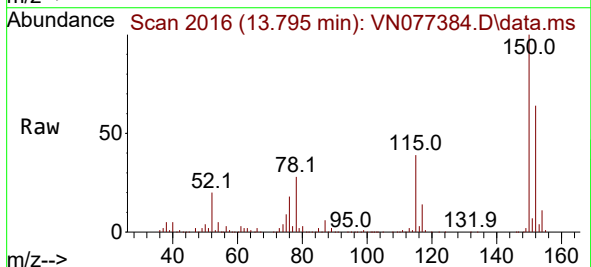
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#12



Tgt Ion:117 Resp: 1082512
Ion Ratio Lower Upper
117 100
82 54.1 42.9 64.3
119 31.7 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: VN077384.D
Acq: 19 Apr 2023 18:47



Tgt Ion:152 Resp: 395558
Ion Ratio Lower Upper
152 100
115 62.6 32.1 96.3
150 157.3 0.0 354.8

