

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077381.D
 Acq On : 19 Apr 2023 17:34
 Operator : JC\MD
 Sample : PB152199ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152199ZHE#09

Quant Time: Apr 20 04:27:18 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)

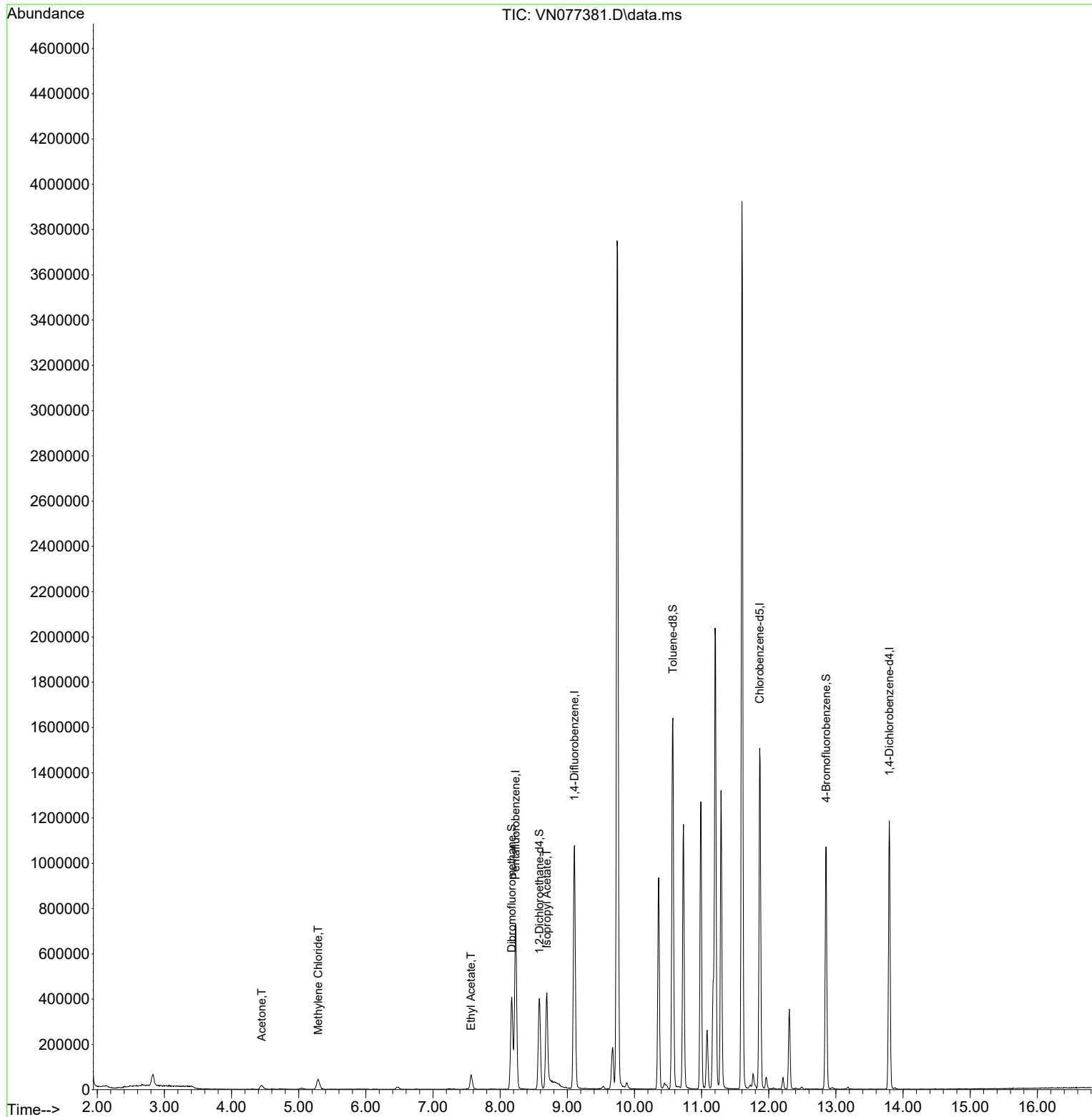
Internal Standards						
1) Pentafluorobenzene	8.231	168	528162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	988776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	906743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	321714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	319237	44.224	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.440%
35) Dibromofluoromethane	8.172	113	291552	46.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.120%
50) Toluene-d8	10.572	98	1216598	47.744	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.480%
62) 4-Bromofluorobenzene	12.854	95	374548	44.195	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.380%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	33783	12.693	ug/l	90
20) Methylene Chloride	5.290	84	39536	5.260	ug/l #	89
37) Ethyl Acetate	7.566	43	90889	10.851	ug/l	95
43) Isopropyl Acetate	8.695	43	494796	32.013	ug/l #	87

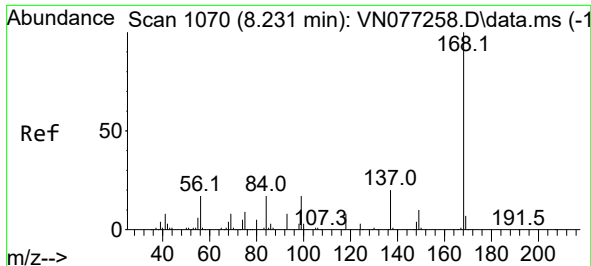
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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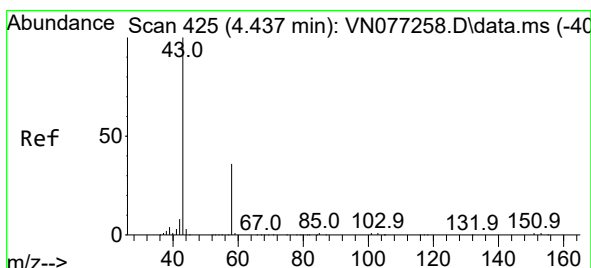
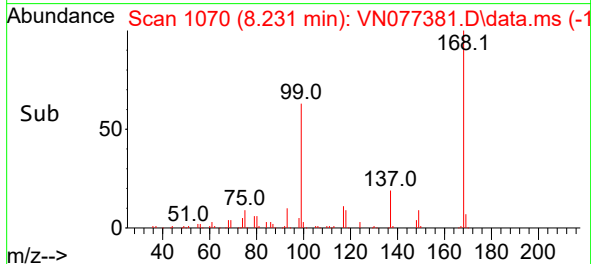
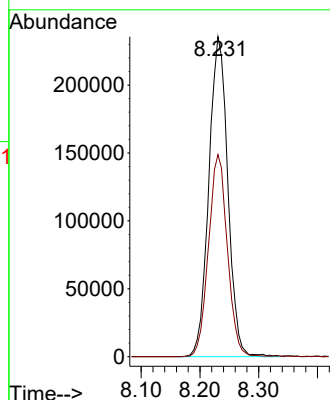
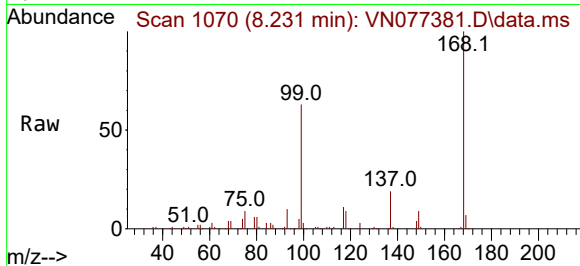




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077381.D
Acq: 19 Apr 2023 17:34

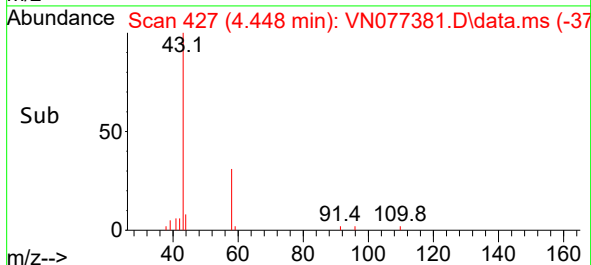
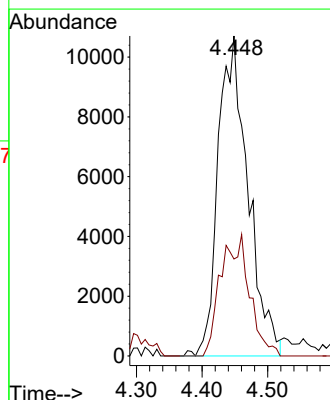
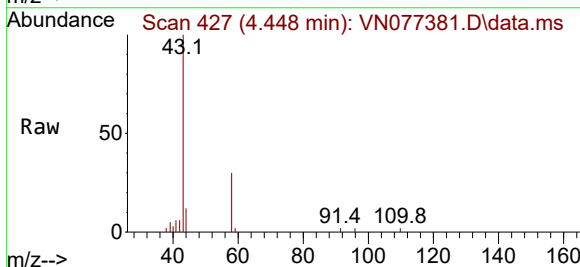
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#09

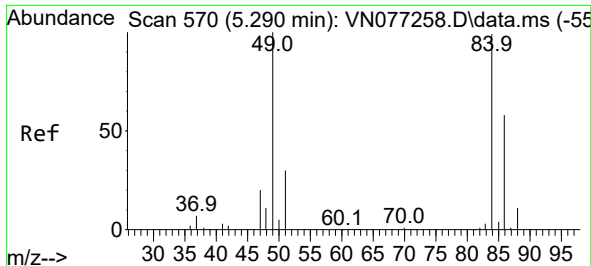
Tgt Ion:168 Resp: 528162
Ion Ratio Lower Upper
168 100
99 63.2 50.6 75.8



#16
Acetone
Concen: 12.693 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077381.D
Acq: 19 Apr 2023 17:34

Tgt Ion: 43 Resp: 33783
Ion Ratio Lower Upper
43 100
58 30.3 29.0 43.6

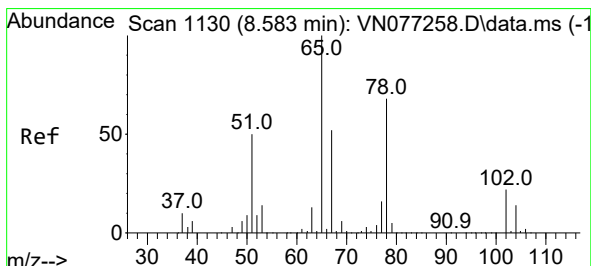
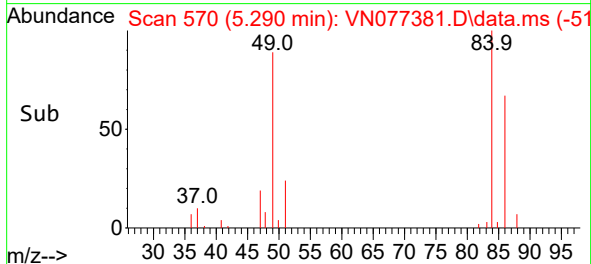
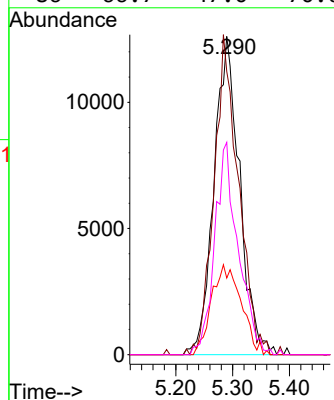
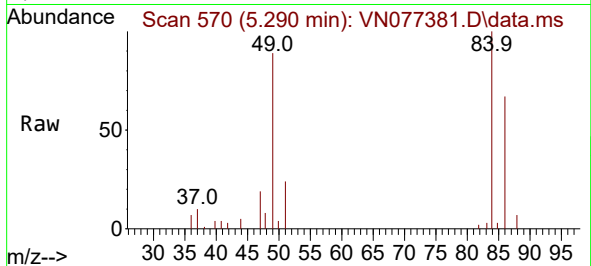




#20
Methylene Chloride
Concen: 5.260 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077381.D
Acq: 19 Apr 2023 17:34

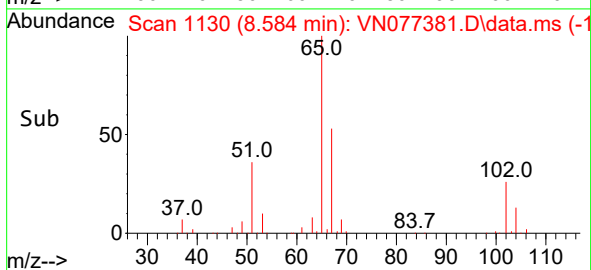
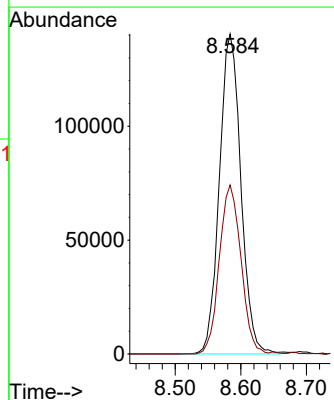
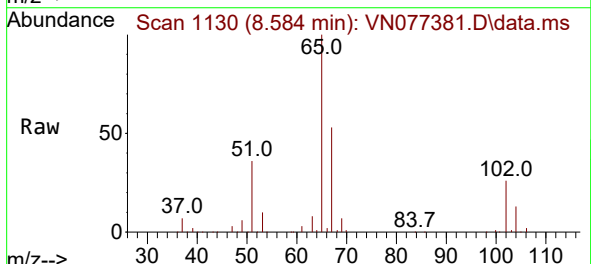
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#09

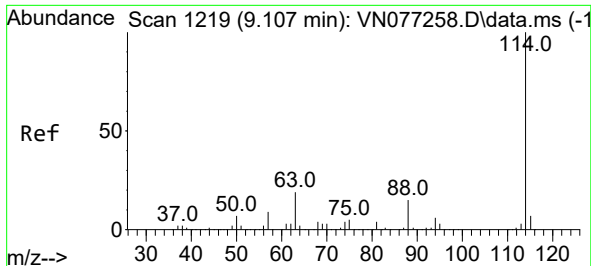
Tgt Ion:	84	Resp:	39536
Ion	Ratio	Lower	Upper
84	100		
49	89.0	80.6	121.0
51	24.1	24.4	36.6#
86	66.7	47.0	70.6



#33
1,2-Dichloroethane-d4
Concen: 44.224 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077381.D
Acq: 19 Apr 2023 17:34

Tgt Ion:	65	Resp:	319237
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.8

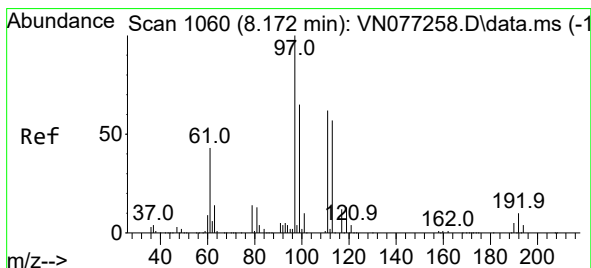
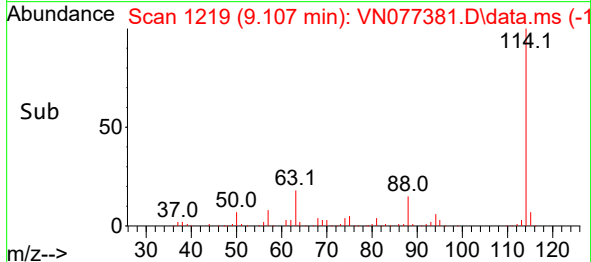
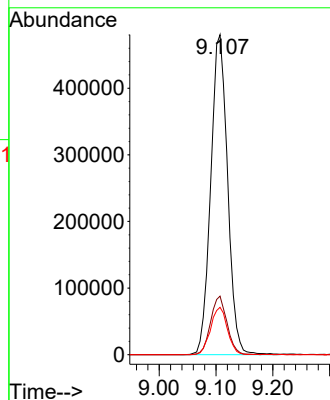
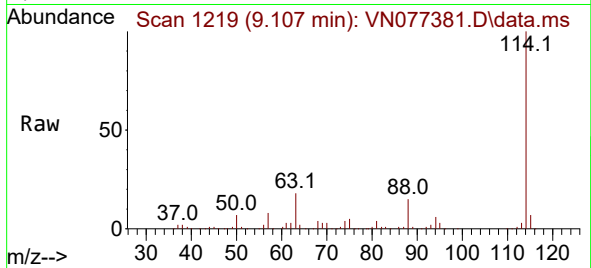




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077381.D
Acq: 19 Apr 2023 17:34

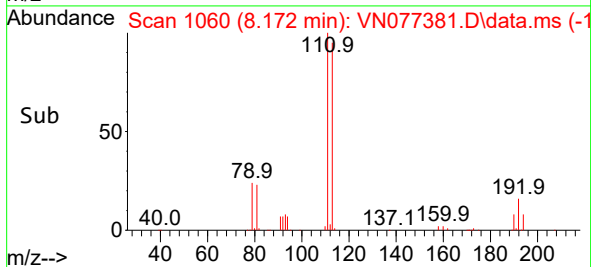
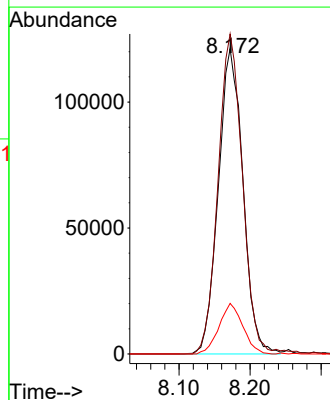
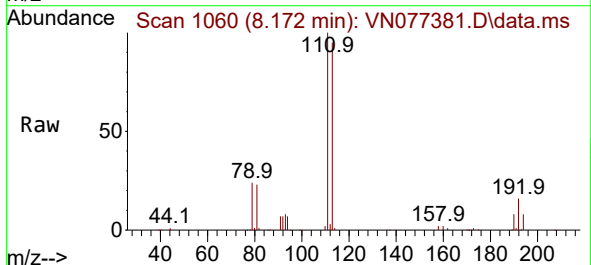
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#09

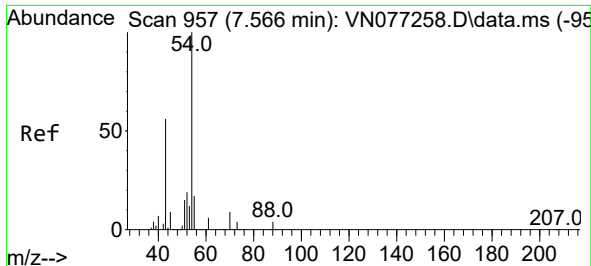
Tgt Ion:114 Resp: 988776
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.8
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.060 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077381.D
Acq: 19 Apr 2023 17:34

Tgt Ion:113 Resp: 291552
Ion Ratio Lower Upper
113 100
111 103.9 83.4 125.0
192 16.0 13.5 20.3

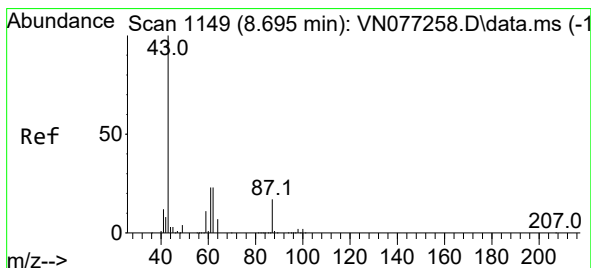
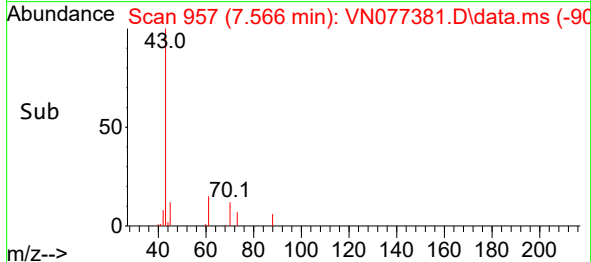
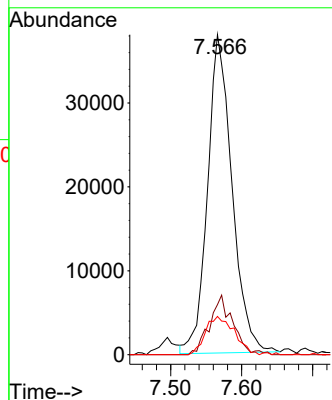
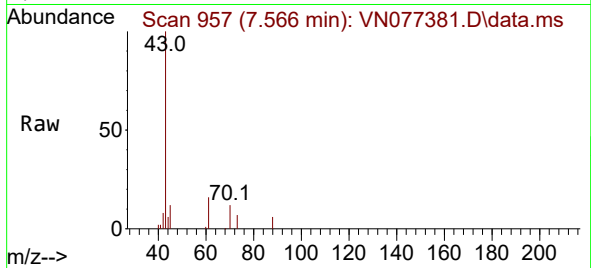




#37
Ethyl Acetate
Concen: 10.851 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077381.D
Acq: 19 Apr 2023 17:34

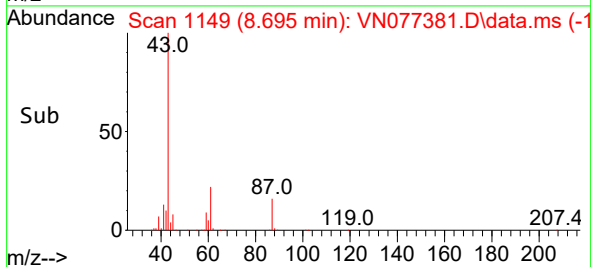
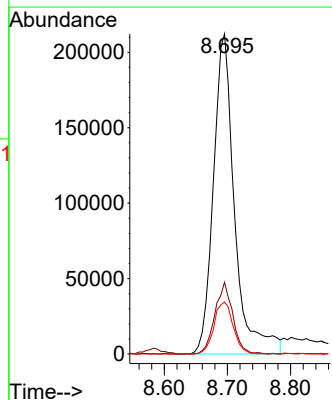
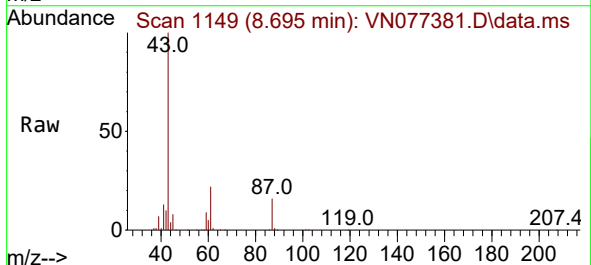
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#09

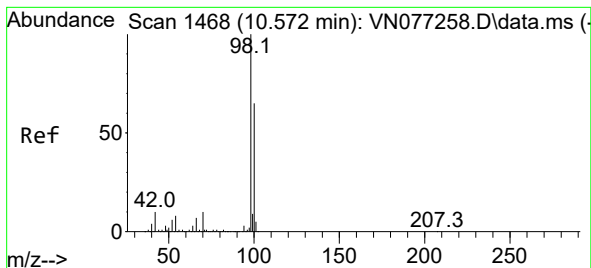
Tgt Ion: 43 Resp: 90889
Ion Ratio Lower Upper
43 100
61 17.9 12.2 18.2
70 14.1 10.0 15.0



#43
Isopropyl Acetate
Concen: 32.013 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077381.D
Acq: 19 Apr 2023 17:34

Tgt Ion: 43 Resp: 494796
Ion Ratio Lower Upper
43 100
61 18.9 22.7 34.1#
87 14.7 13.6 20.4





#50

Toluene-d8

Concen: 47.744 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077381.D

Acq: 19 Apr 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

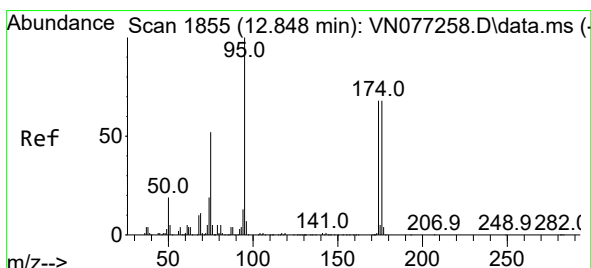
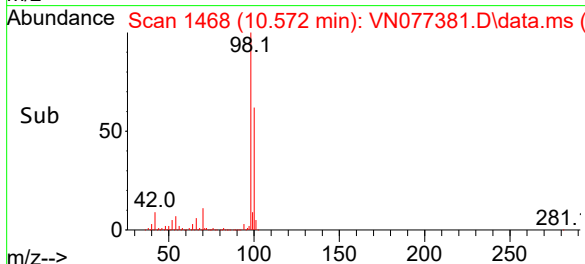
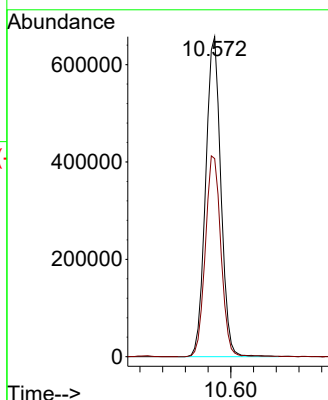
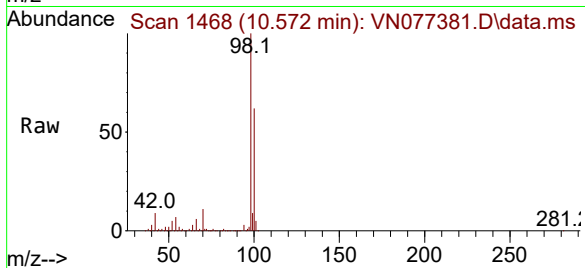
PB152199ZHE#09

Tgt Ion: 98 Resp: 1216598

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 44.195 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077381.D

Acq: 19 Apr 2023 17:34

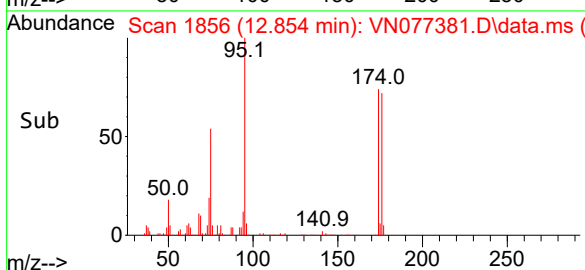
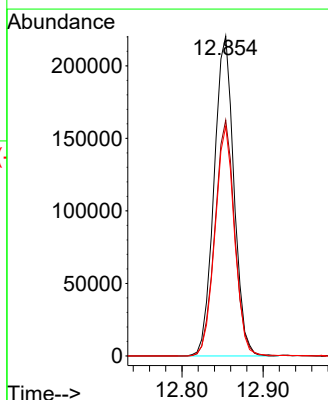
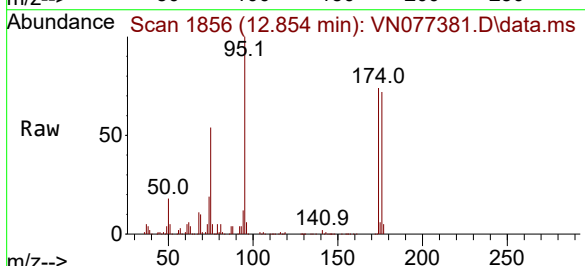
Tgt Ion: 95 Resp: 374548

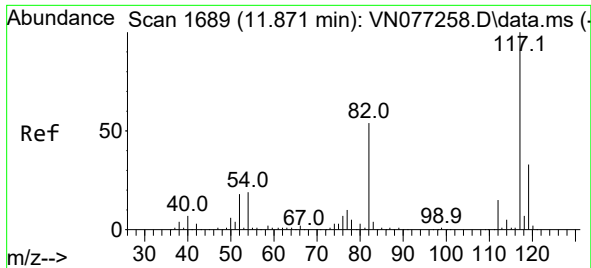
Ion Ratio Lower Upper

95 100

174 73.2 0.0 146.8

176 70.5 0.0 139.6

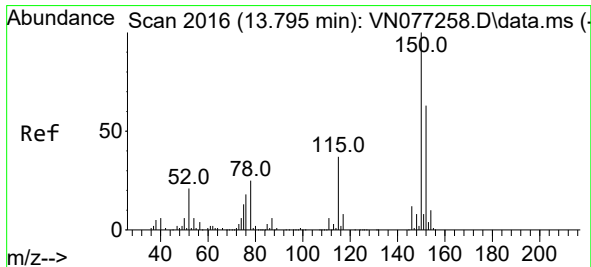
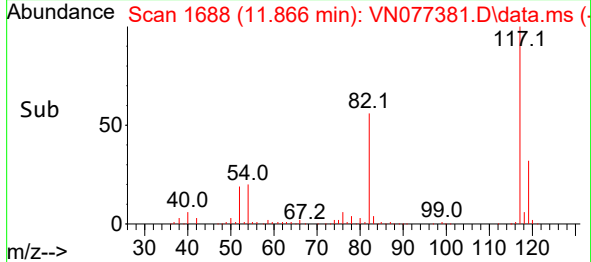
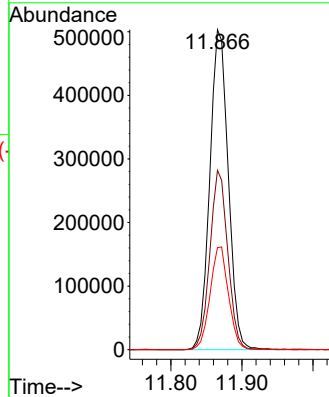
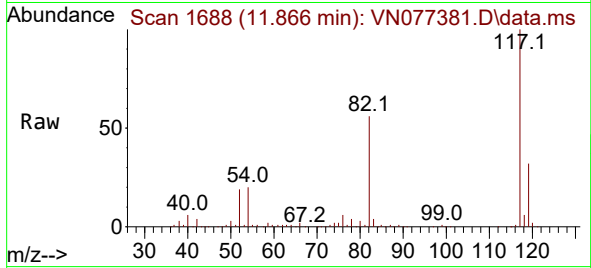




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077381.D
Acq: 19 Apr 2023 17:34

Instrument :
MSVOA_N
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PB152199ZHE#09

Tgt Ion:117 Resp: 906743
Ion Ratio Lower Upper
117 100
82 56.0 42.9 64.3
119 31.9 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: VN077381.D
Acq: 19 Apr 2023 17:34

Tgt Ion:152 Resp: 321714
Ion Ratio Lower Upper
152 100
115 63.4 32.1 96.3
150 161.3 0.0 354.8

