

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077383.D
 Acq On : 19 Apr 2023 18:22
 Operator : JC\MD
 Sample : PB152199ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152199ZHE#11

Quant Time: Apr 20 04:27:40 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)

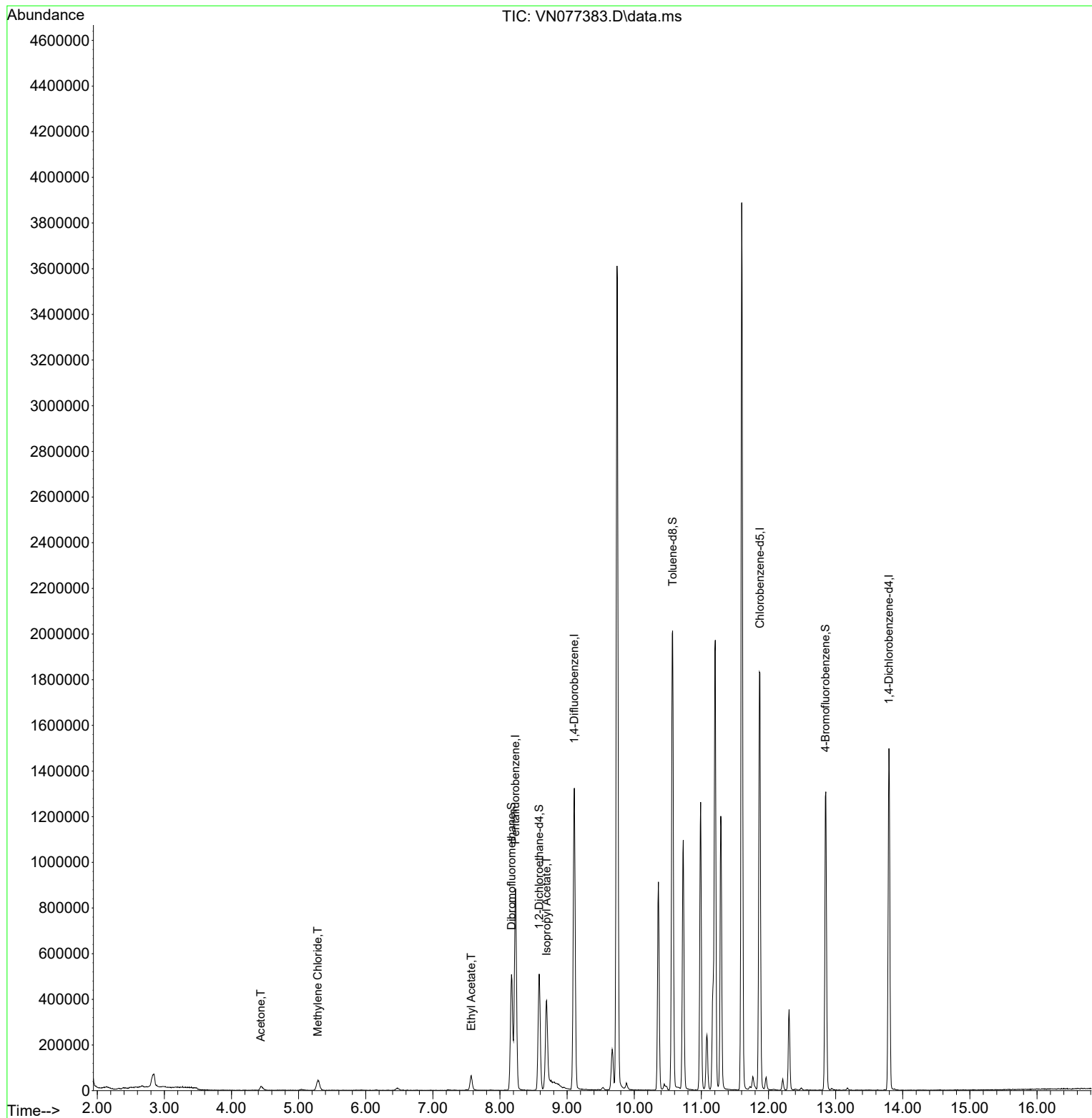
Internal Standards						
1) Pentafluorobenzene	8.230	168	643005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1215308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1134337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	407814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	400237	45.543	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.080%
35) Dibromofluoromethane	8.172	113	370215	47.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.180%
50) Toluene-d8	10.571	98	1508676	48.170	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.340%
62) 4-Bromofluorobenzene	12.848	95	477090	45.801	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.600%
Target Compounds						
					Qvalue	
16) Acetone	4.437	43	34574	10.670	ug/l	98
20) Methylene Chloride	5.284	84	39838	4.353	ug/l	98
37) Ethyl Acetate	7.572	43	88390	8.586	ug/l	97
43) Isopropyl Acetate	8.695	43	459044	24.164	ug/l #	88

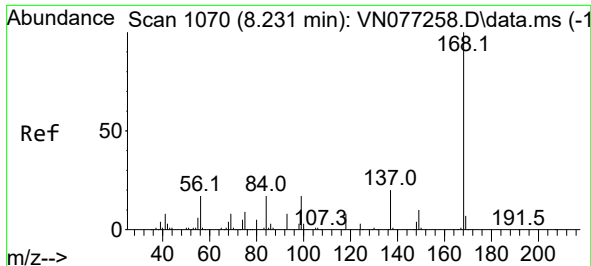
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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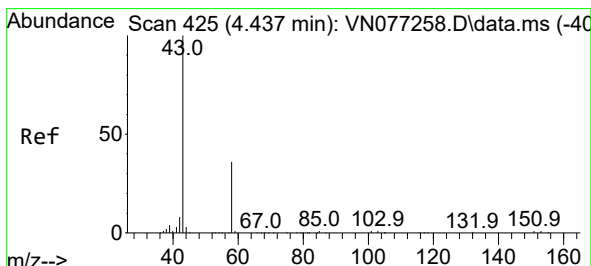
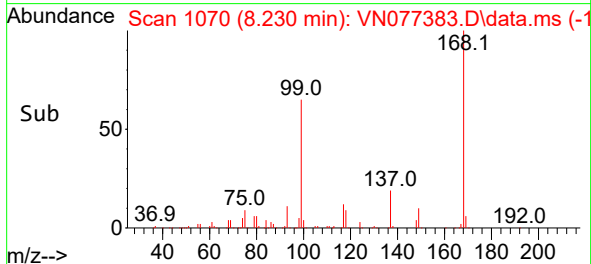
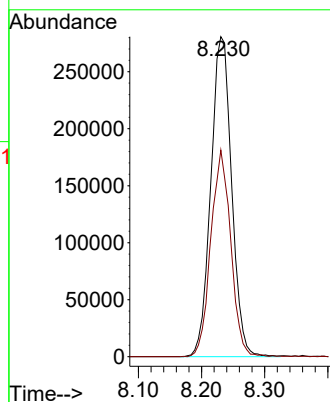
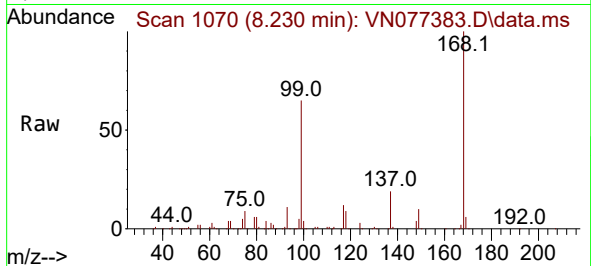




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077383.D
Acq: 19 Apr 2023 18:22

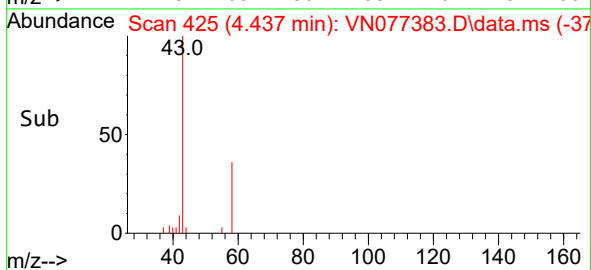
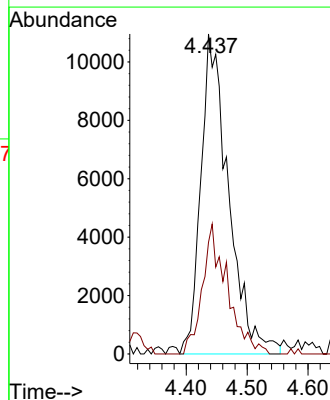
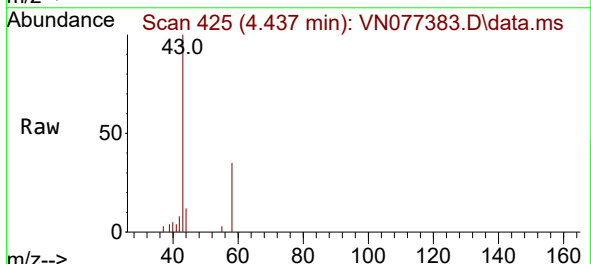
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#11

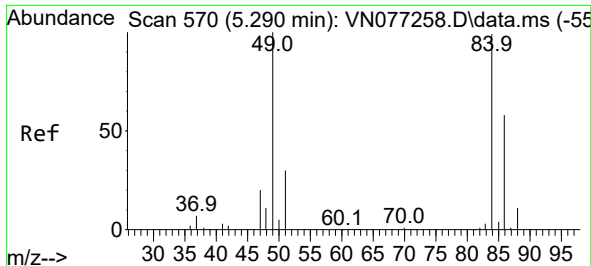
Tgt Ion:168 Resp: 643005
Ion Ratio Lower Upper
168 100
99 64.6 50.6 75.8



#16
Acetone
Concen: 10.670 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077383.D
Acq: 19 Apr 2023 18:22

Tgt Ion: 43 Resp: 34574
Ion Ratio Lower Upper
43 100
58 34.9 29.0 43.6



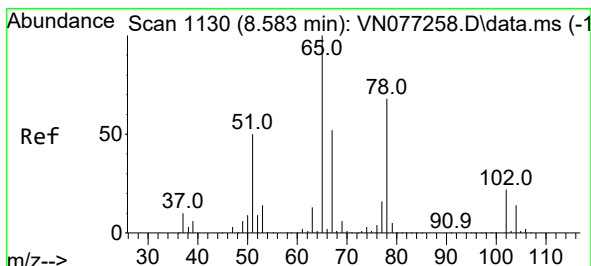
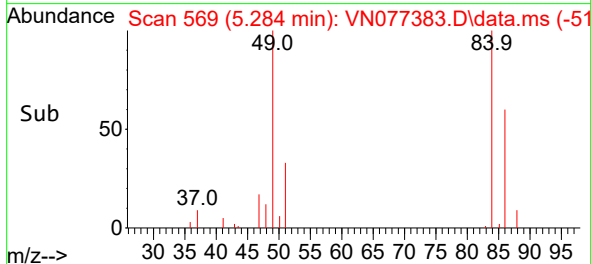
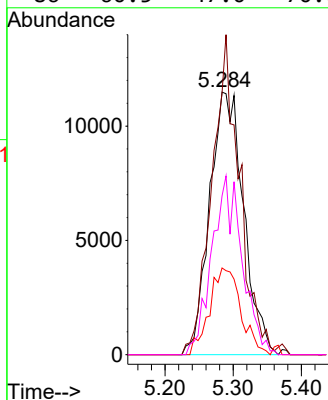
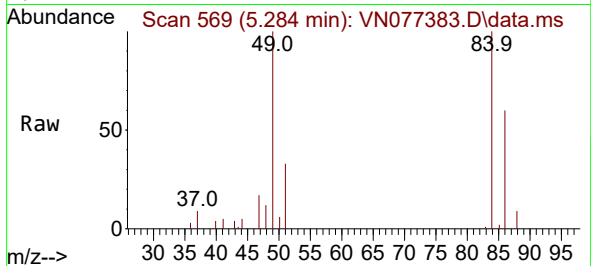


#20
Methylene Chloride
Concen: 4.353 ug/l
RT: 5.284 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN077383.D
Acq: 19 Apr 2023 18:22

Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#11

Tgt Ion: 84 Resp: 39838

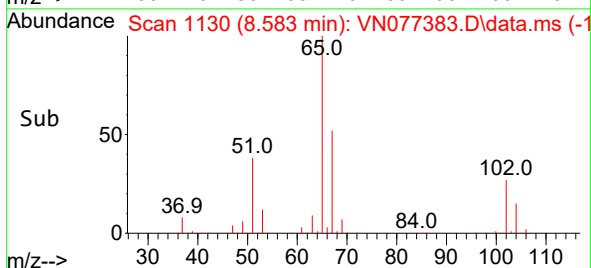
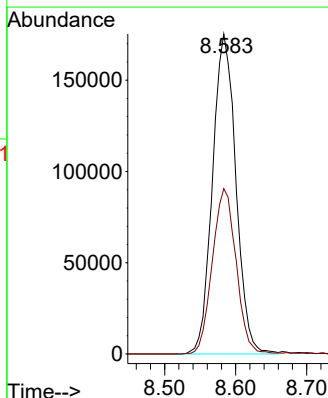
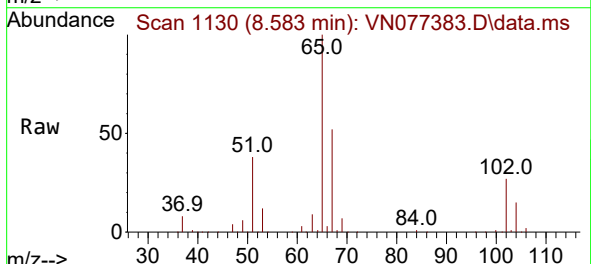
Ion	Ratio	Lower	Upper
84	100		
49	99.6	80.6	121.0
51	33.0	24.4	36.6
86	60.5	47.0	70.6

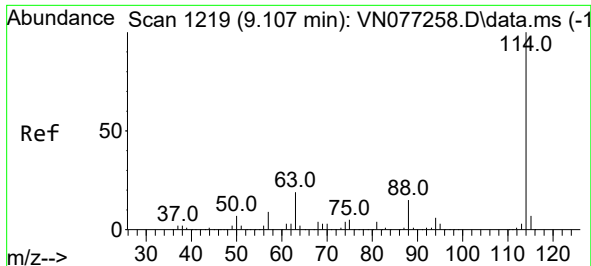


#33
1,2-Dichloroethane-d4
Concen: 45.543 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077383.D
Acq: 19 Apr 2023 18:22

Tgt Ion: 65 Resp: 400237

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077383.D

Acq: 19 Apr 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

PB152199ZHE#11

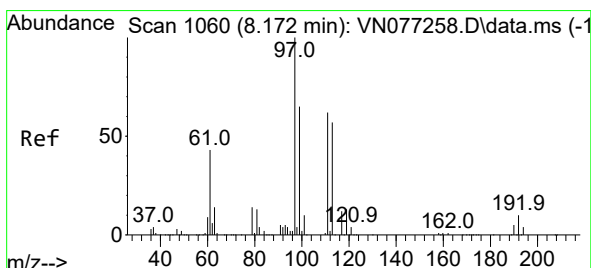
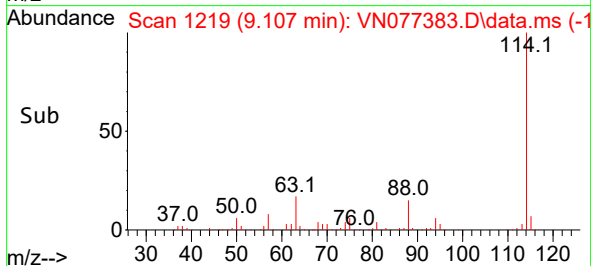
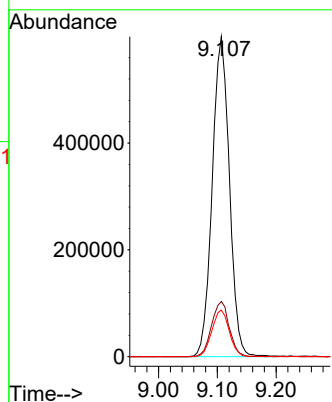
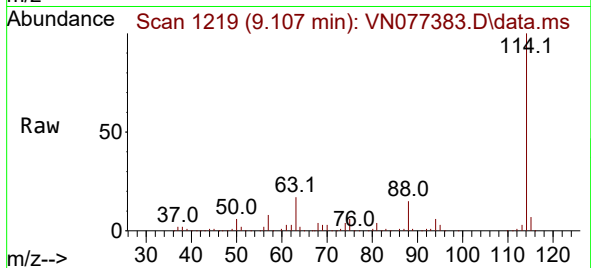
Tgt Ion:114 Resp: 1215308

Ion Ratio Lower Upper

114 100

63 17.2 0.0 37.8

88 14.6 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.585 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077383.D

Acq: 19 Apr 2023 18:22

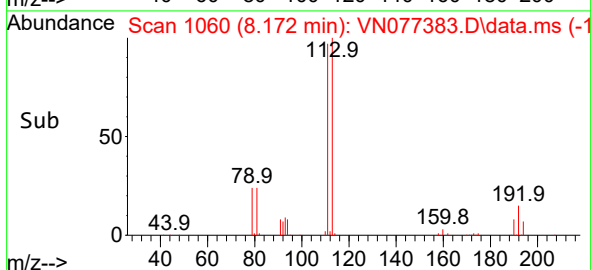
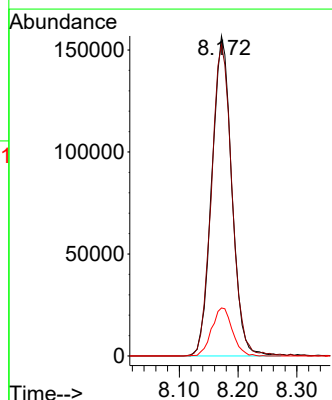
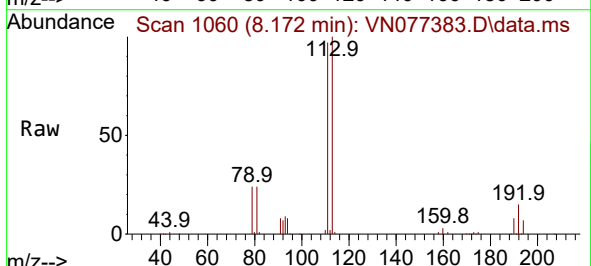
Tgt Ion:113 Resp: 370215

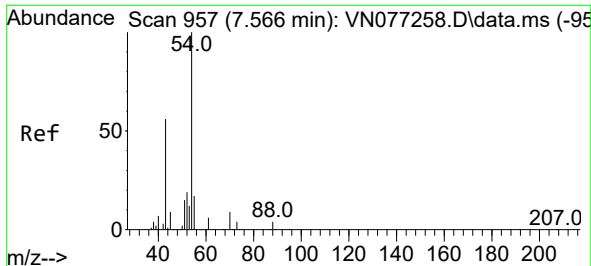
Ion Ratio Lower Upper

113 100

111 99.8 83.4 125.0

192 15.5 13.5 20.3

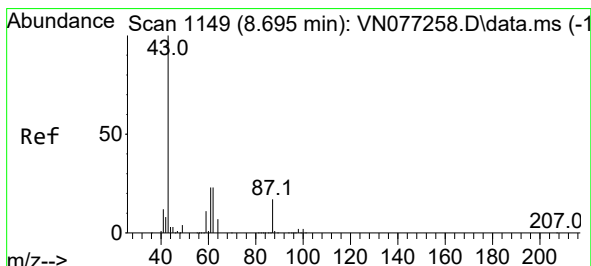
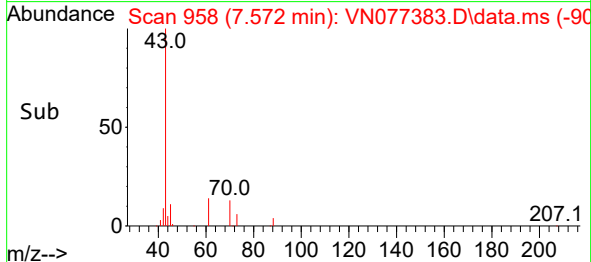
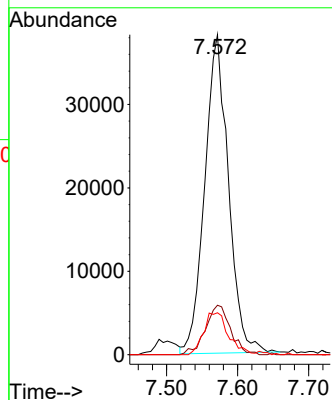
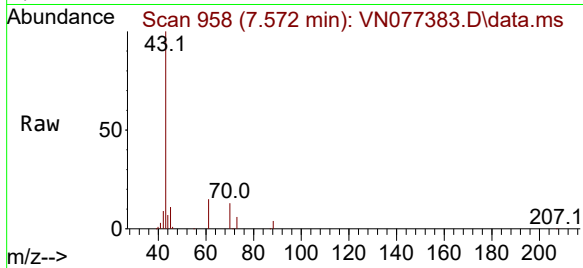




#37
Ethyl Acetate
Concen: 8.586 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077383.D
Acq: 19 Apr 2023 18:22

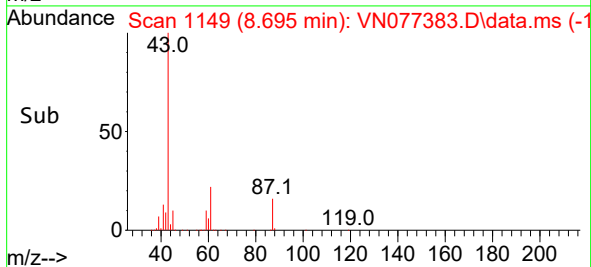
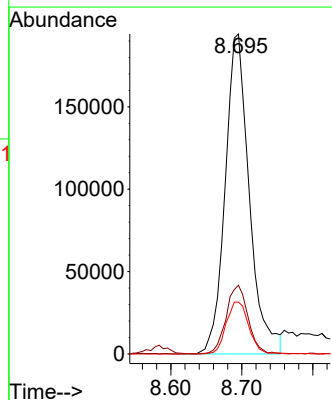
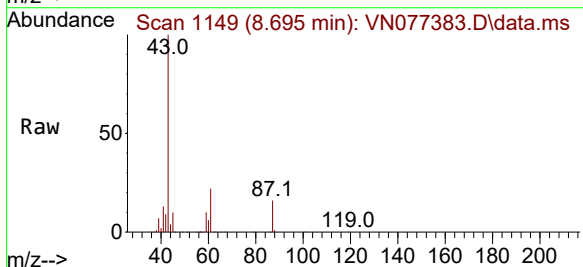
Instrument :
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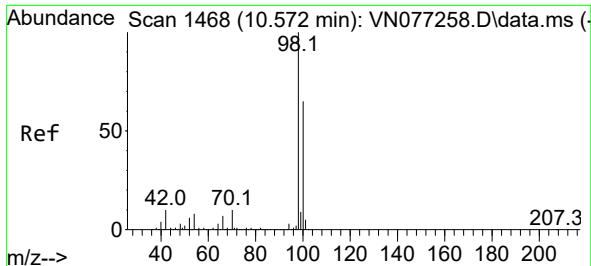
Tgt Ion: 43 Resp: 88390
Ion Ratio Lower Upper
43 100
61 16.4 12.2 18.2
70 13.8 10.0 15.0



#43
Isopropyl Acetate
Concen: 24.164 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077383.D
Acq: 19 Apr 2023 18:22

Tgt Ion: 43 Resp: 459044
Ion Ratio Lower Upper
43 100
61 19.6 22.7 34.1#
87 15.1 13.6 20.4

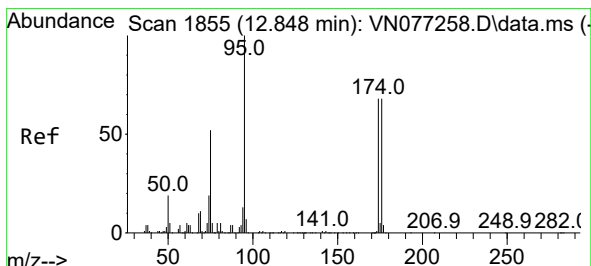
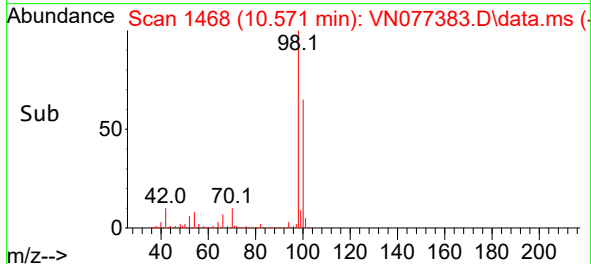
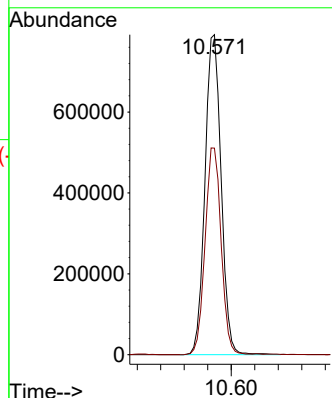
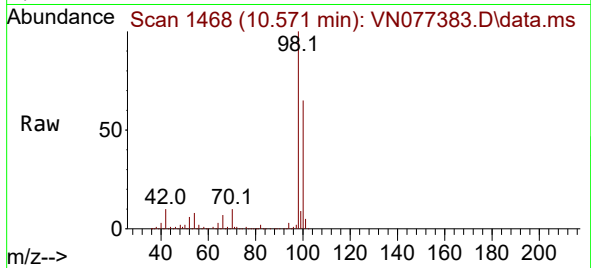




#50
Toluene-d8
Concen: 48.170 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077383.D
Acq: 19 Apr 2023 18:22

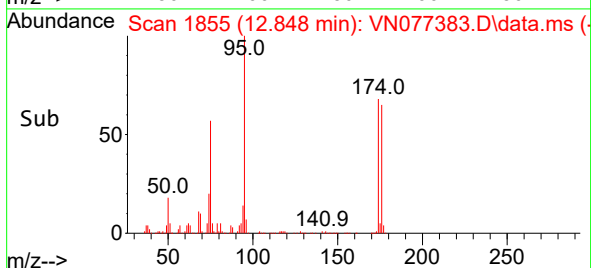
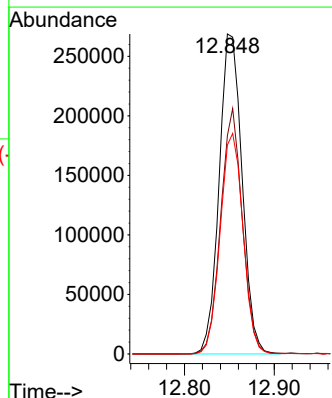
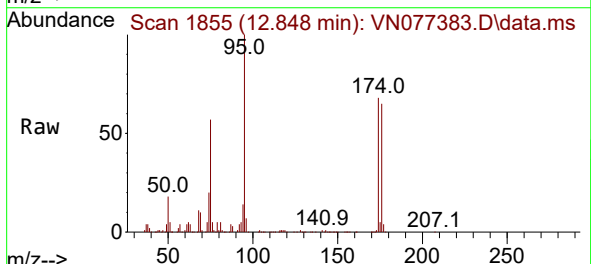
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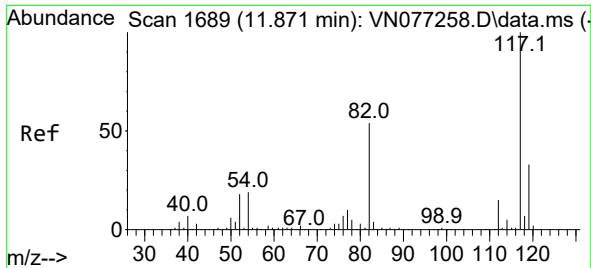
Tgt Ion: 98 Resp: 1508676
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.801 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077383.D
Acq: 19 Apr 2023 18:22

Tgt Ion: 95 Resp: 477090
Ion Ratio Lower Upper
95 100
174 72.6 0.0 146.8
176 68.6 0.0 139.6

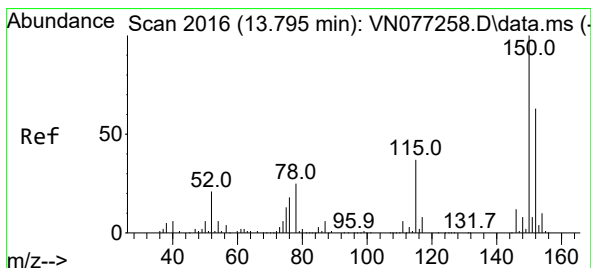
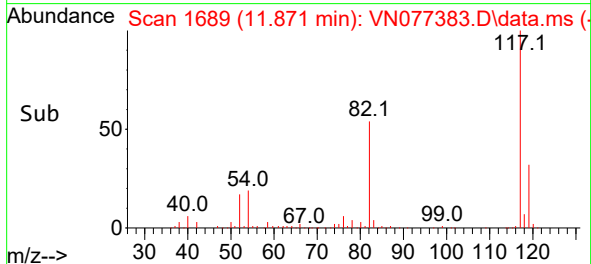
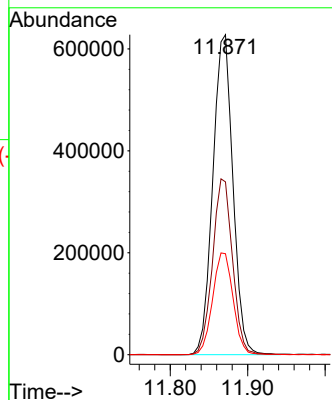
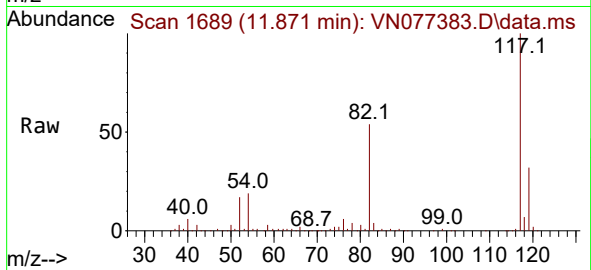




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077383.D
Acq: 19 Apr 2023 18:22

Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#11

Tgt Ion:117 Resp: 1134337
Ion Ratio Lower Upper
117 100
82 54.0 42.9 64.3
119 31.6 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: VN077383.D
Acq: 19 Apr 2023 18:22

Tgt Ion:152 Resp: 407814
Ion Ratio Lower Upper
152 100
115 64.8 32.1 96.3
150 160.4 0.0 354.8

