

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077376.D
 Acq On : 19 Apr 2023 15:33
 Operator : JC\MD
 Sample : PB152199ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152199ZHE#04

Quant Time: Apr 20 04:26:19 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)

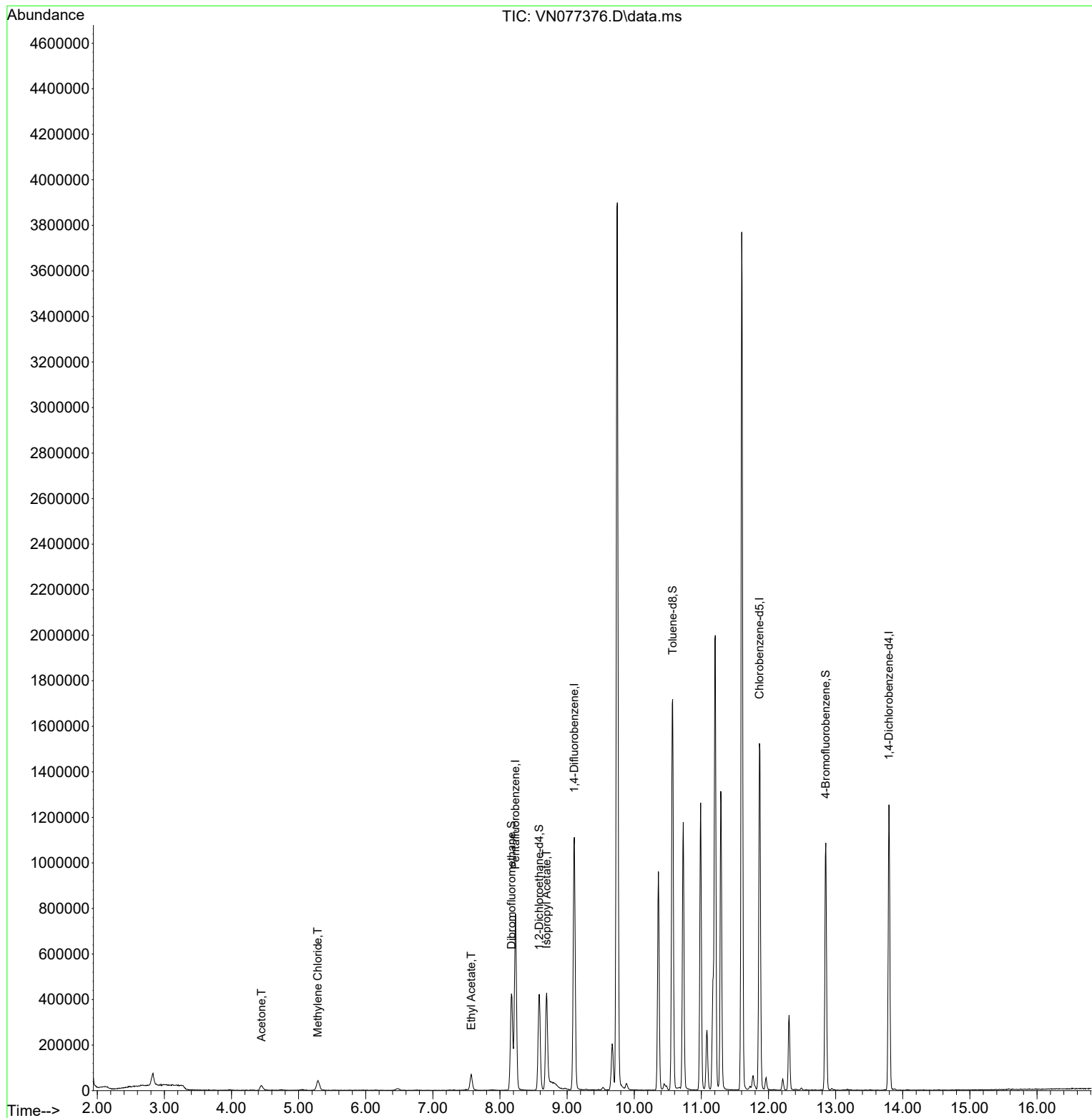
Internal Standards						
1) Pentafluorobenzene	8.231	168	533708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1020084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	934062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	326255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	335355	45.974	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.940%
35) Dibromofluoromethane	8.172	113	310750	47.586	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.180%
50) Toluene-d8	10.572	98	1260218	47.938	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.880%
62) 4-Bromofluorobenzene	12.854	95	386850	44.245	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.500%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	40557	15.080	ug/l #	85
20) Methylene Chloride	5.284	84	36615	4.821	ug/l	94
37) Ethyl Acetate	7.572	43	99657	11.533	ug/l	97
43) Isopropyl Acetate	8.695	43	479243	30.055	ug/l #	89

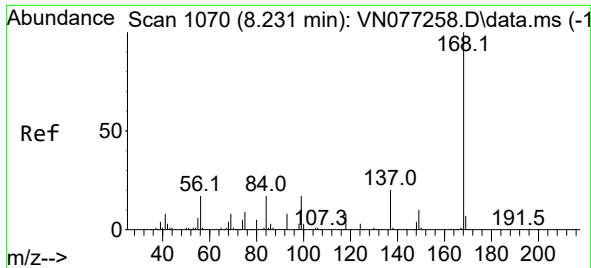
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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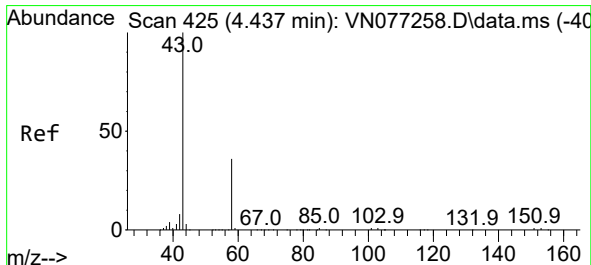
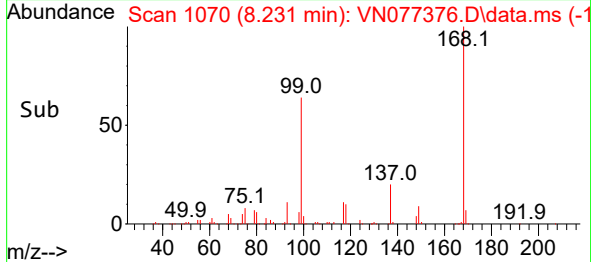
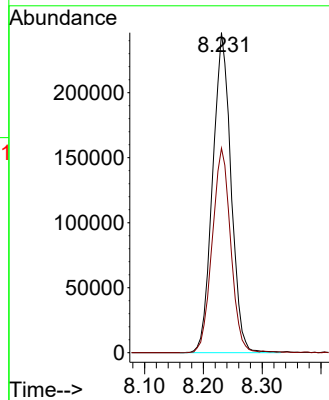
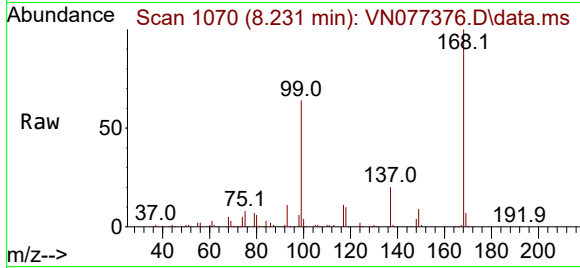




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077376.D
Acq: 19 Apr 2023 15:33

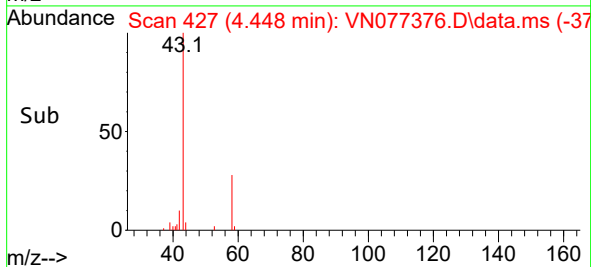
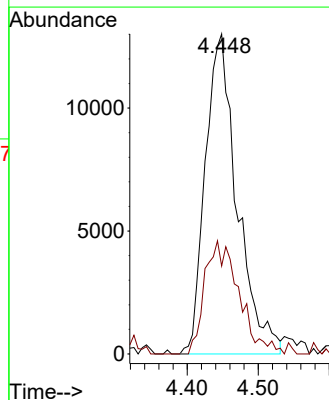
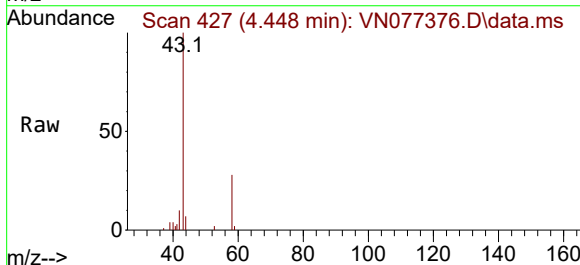
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#04

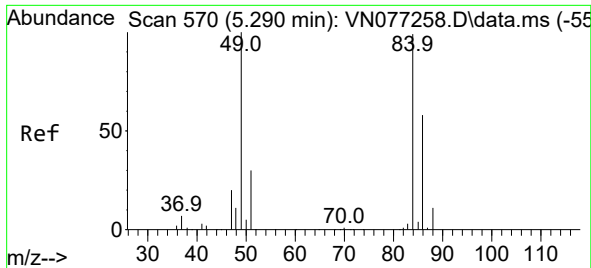
Tgt Ion:168 Resp: 533708
Ion Ratio Lower Upper
168 100
99 63.9 50.6 75.8



#16
Acetone
Concen: 15.080 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077376.D
Acq: 19 Apr 2023 15:33

Tgt Ion: 43 Resp: 40557
Ion Ratio Lower Upper
43 100
58 27.5 29.0 43.6#

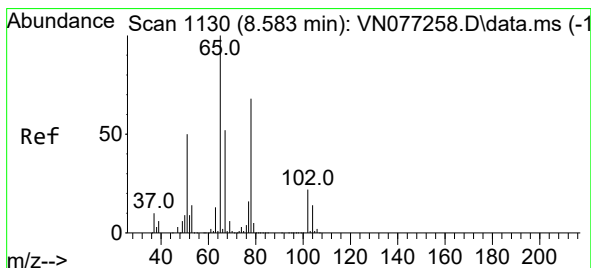
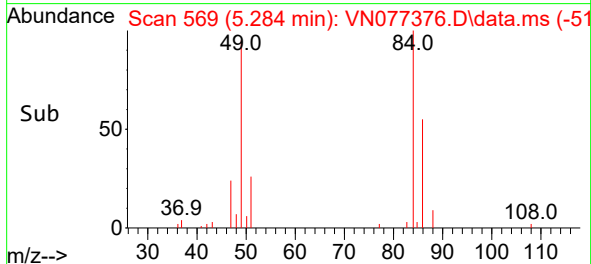
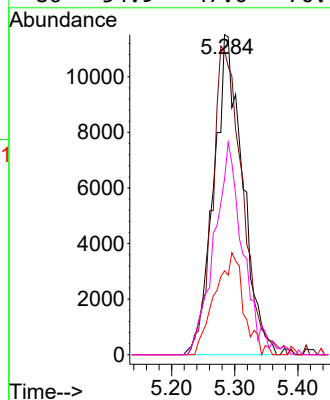
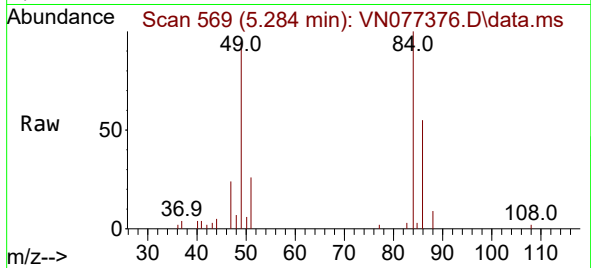




#20
Methylene Chloride
Concen: 4.821 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077376.D
Acq: 19 Apr 2023 15:33

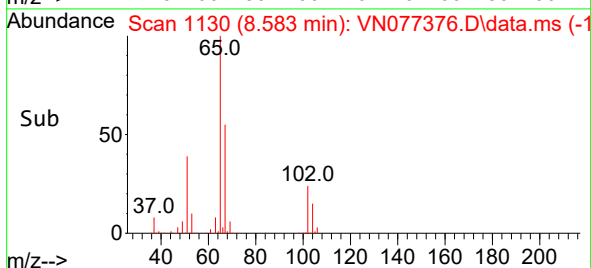
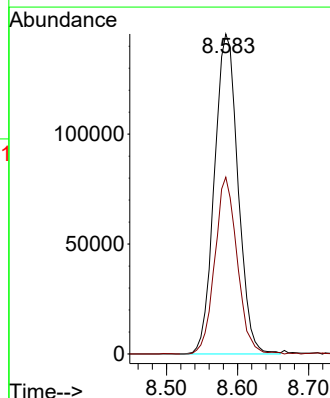
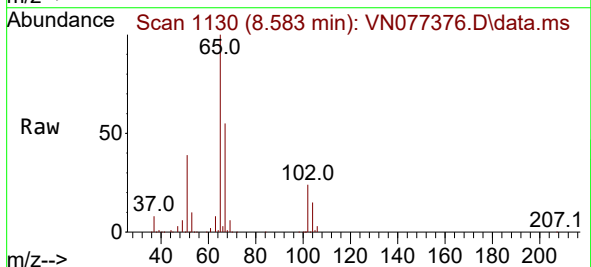
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#04

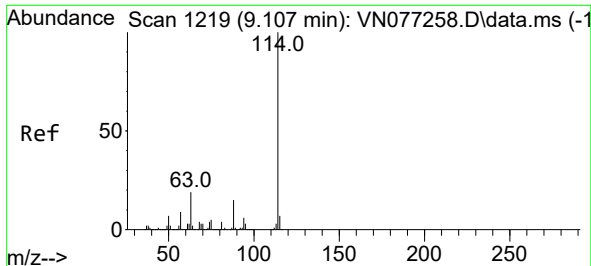
Tgt Ion:	84	Resp:	36615
Ion	Ratio	Lower	Upper
84	100		
49	95.0	80.6	121.0
51	26.2	24.4	36.6
86	54.9	47.0	70.6



#33
1,2-Dichloroethane-d4
Concen: 45.974 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077376.D
Acq: 19 Apr 2023 15:33

Tgt Ion:	65	Resp:	335355
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# 1219

Delta R.T. -0.000 min

Lab File: VN077376.D

Acq: 19 Apr 2023 15:33

Instrument :

MSVOA_N

ClientSampleId :

PB152199ZHE#04

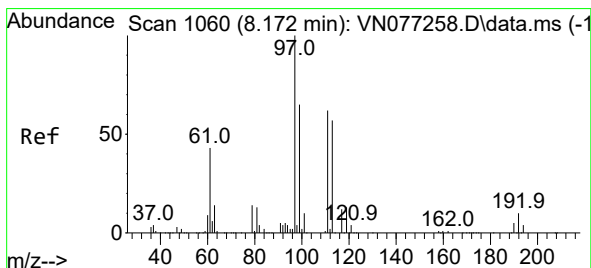
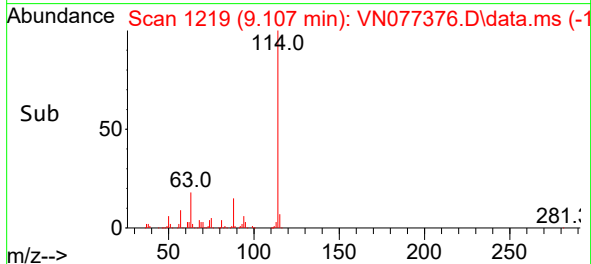
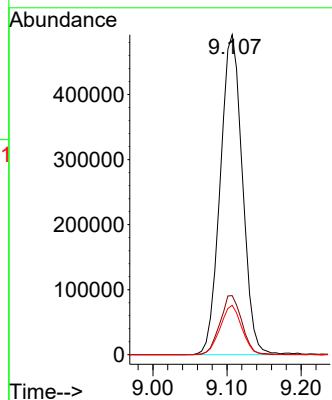
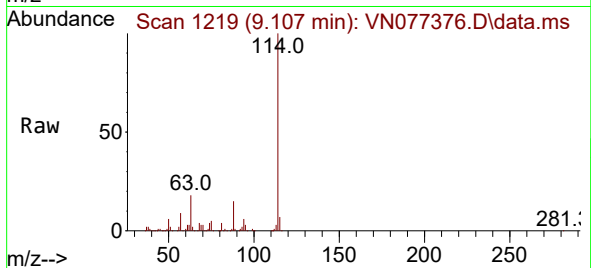
Tgt Ion:114 Resp: 1020084

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

88 15.4 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.586 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077376.D

Acq: 19 Apr 2023 15:33

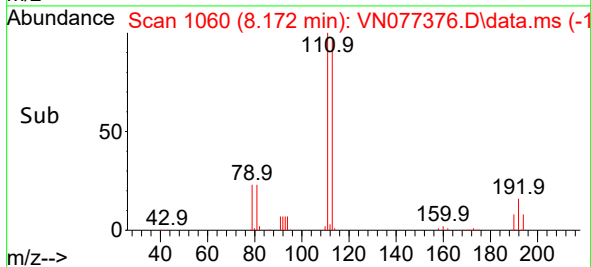
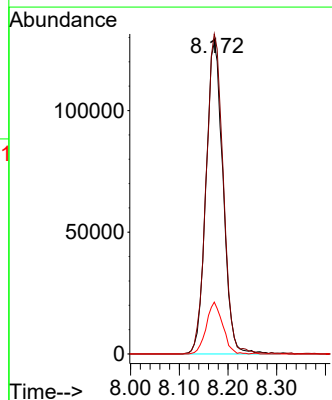
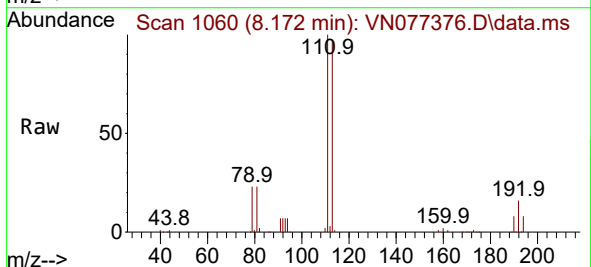
Tgt Ion:113 Resp: 310750

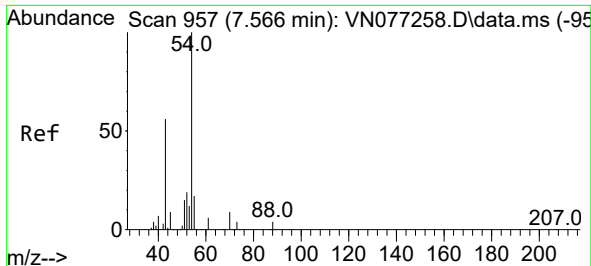
Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.0

192 16.0 13.5 20.3

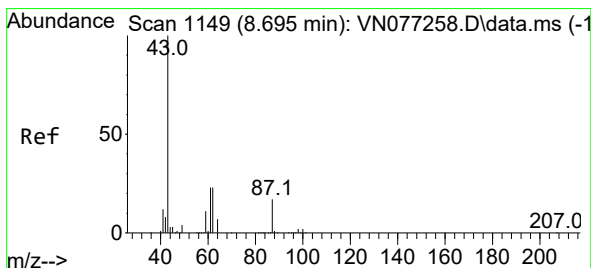
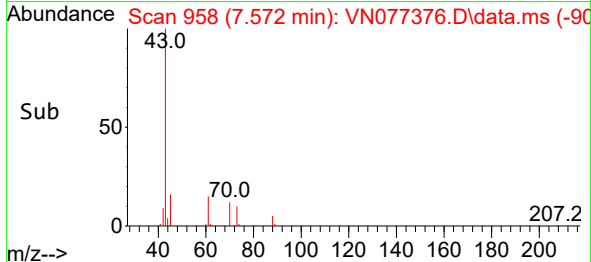
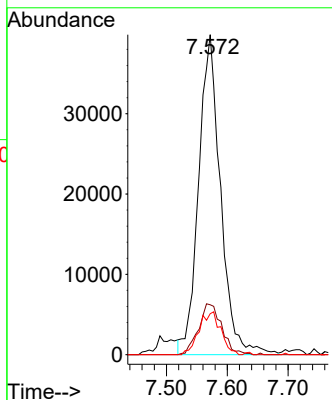
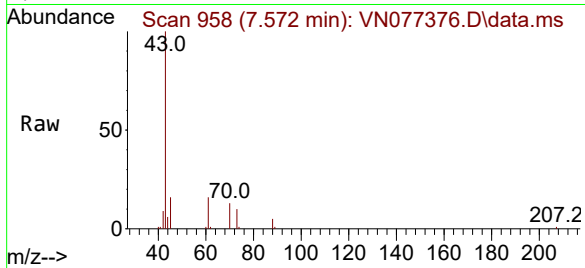




#37
Ethyl Acetate
Concen: 11.533 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077376.D
Acq: 19 Apr 2023 15:33

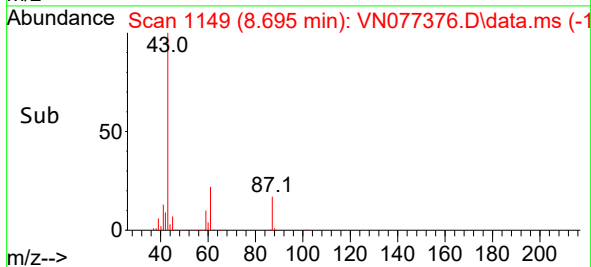
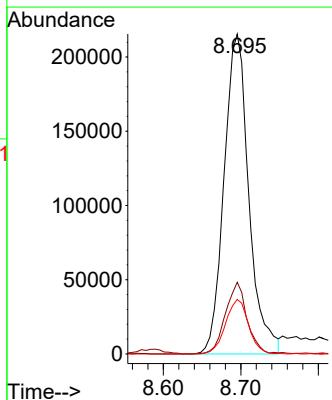
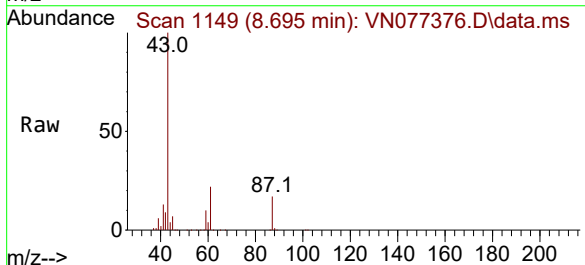
Instrument :
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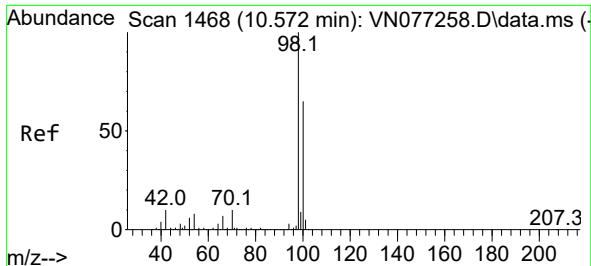
Tgt Ion: 43 Resp: 99657
Ion Ratio Lower Upper
43 100
61 16.8 12.2 18.2
70 13.4 10.0 15.0



#43
Isopropyl Acetate
Concen: 30.055 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077376.D
Acq: 19 Apr 2023 15:33

Tgt Ion: 43 Resp: 479243
Ion Ratio Lower Upper
43 100
61 19.7 22.7 34.1#
87 15.8 13.6 20.4

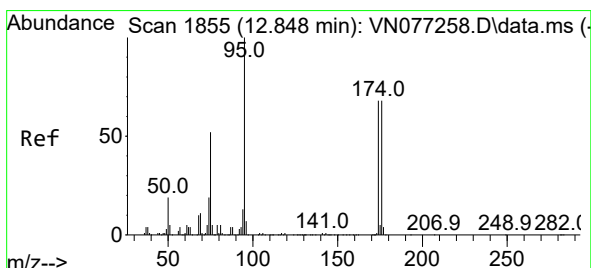
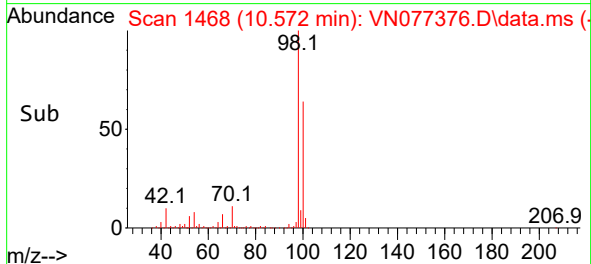
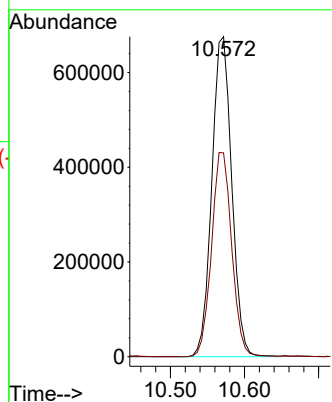
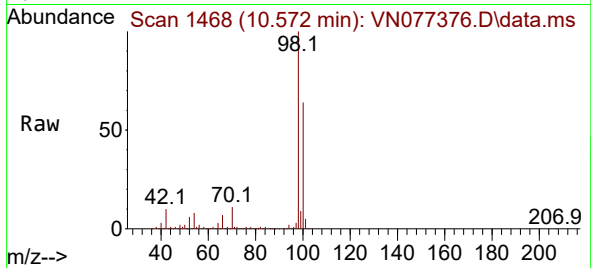




#50
Toluene-d8
Concen: 47.938 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077376.D
Acq: 19 Apr 2023 15:33

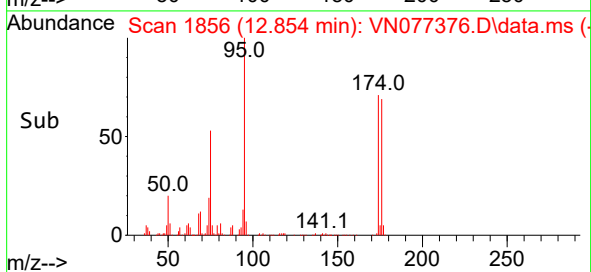
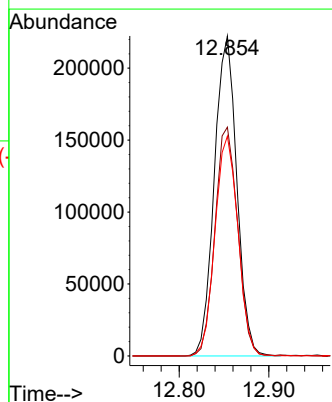
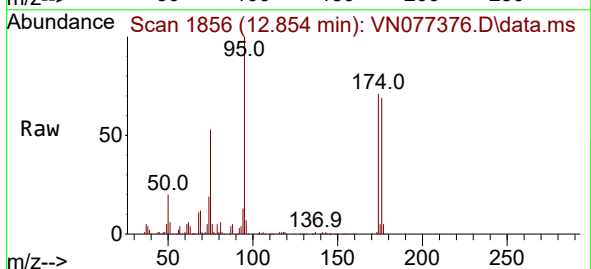
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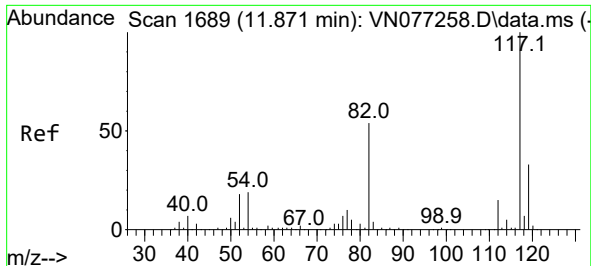
Tgt Ion: 98 Resp: 1260218
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 44.245 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077376.D
Acq: 19 Apr 2023 15:33

Tgt Ion: 95 Resp: 386850
Ion Ratio Lower Upper
95 100
174 72.3 0.0 146.8
176 70.1 0.0 139.6

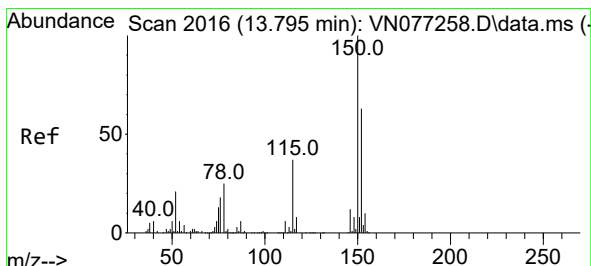
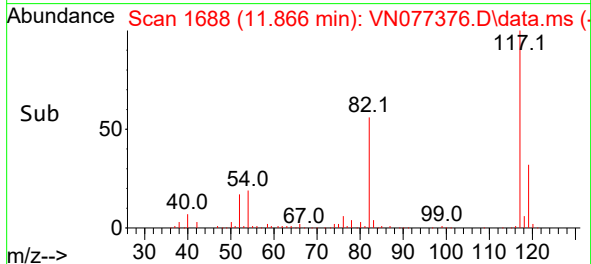
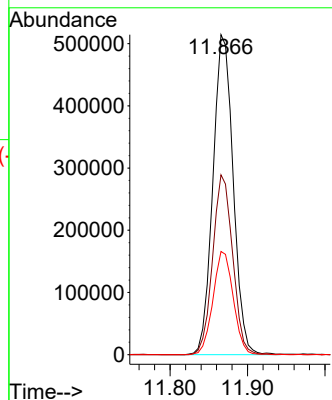
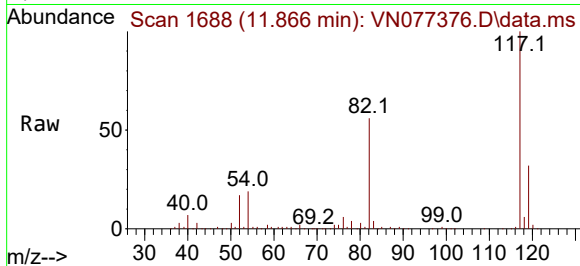




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077376.D
Acq: 19 Apr 2023 15:33

Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#04

Tgt Ion:117 Resp: 934062
Ion Ratio Lower Upper
117 100
82 56.2 42.9 64.3
119 32.3 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: VN077376.D
Acq: 19 Apr 2023 15:33

Tgt Ion:152 Resp: 326255
Ion Ratio Lower Upper
152 100
115 64.2 32.1 96.3
150 163.8 0.0 354.8

