

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077400.D
 Acq On : 20 Apr 2023 15:10
 Operator : JC\MD
 Sample : 02389-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPB-4WC-23-04-17

Quant Time: Apr 21 02:40:08 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)

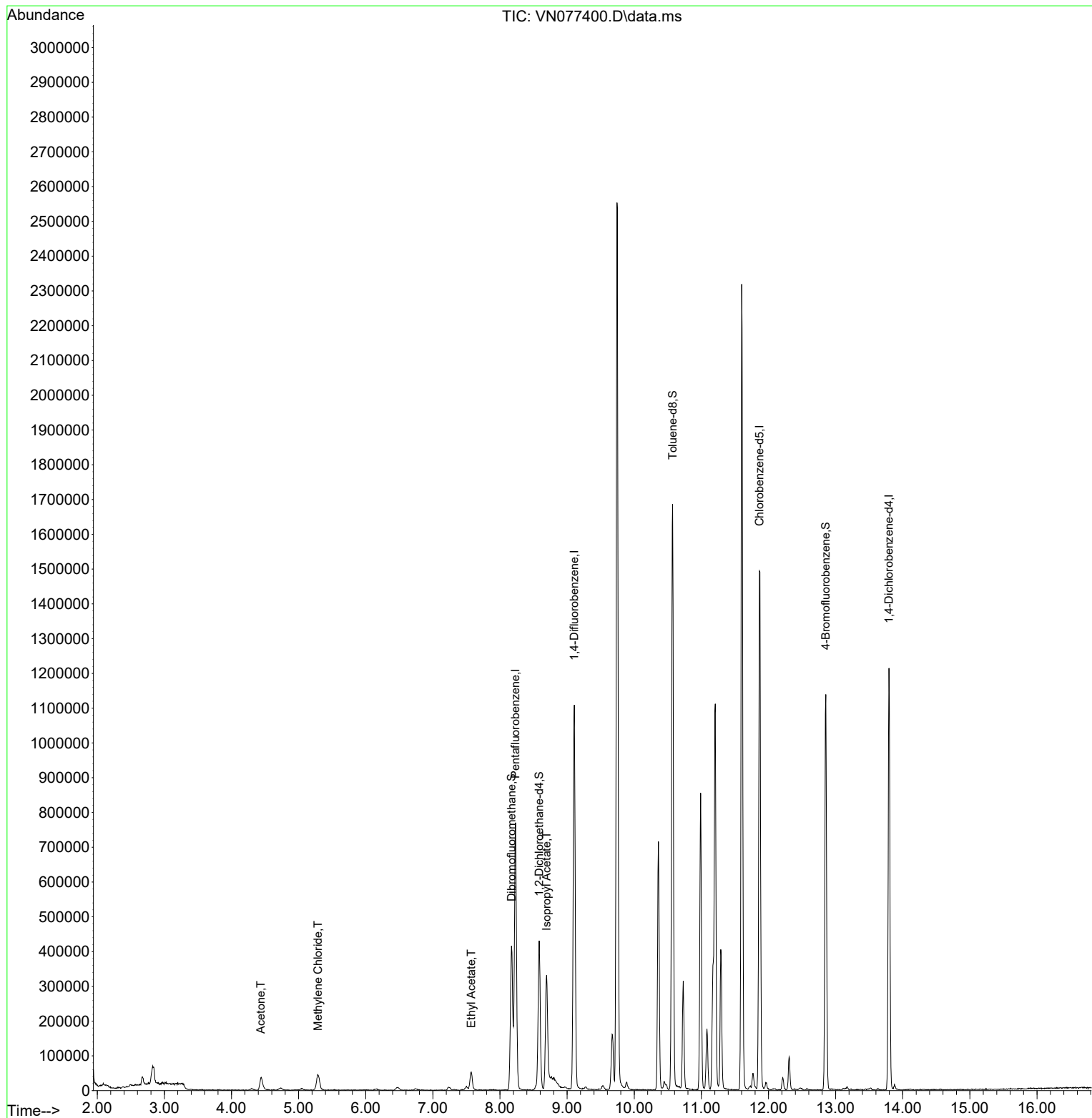
Internal Standards						
1) Pentafluorobenzene	8.230	168	534299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1008503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	930716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	328165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	335604	45.958	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.920%
35) Dibromofluoromethane	8.172	113	298027	46.162	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.320%
50) Toluene-d8	10.572	98	1234431	47.496	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.000%
62) 4-Bromofluorobenzene	12.854	95	410477	47.487	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.980%
Target Compounds						
					Qvalue	
16) Acetone	4.437	43	67464	25.057	ug/l	93
20) Methylene Chloride	5.289	84	38880	5.113	ug/l #	88
37) Ethyl Acetate	7.572	43	76792m	8.989	ug/l	
43) Isopropyl Acetate	8.695	43	381550	24.203	ug/l #	90

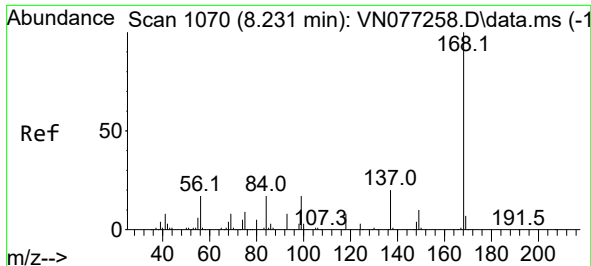
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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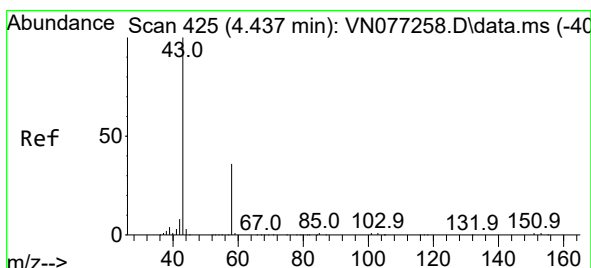
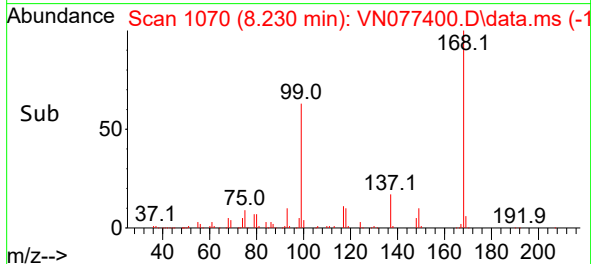
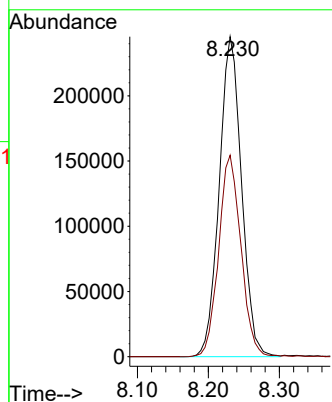
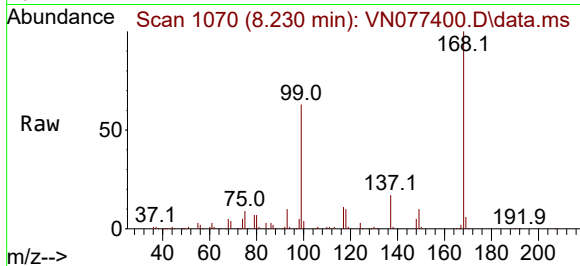




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077400.D
Acq: 20 Apr 2023 15:10

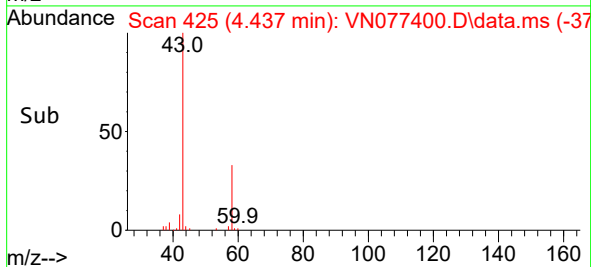
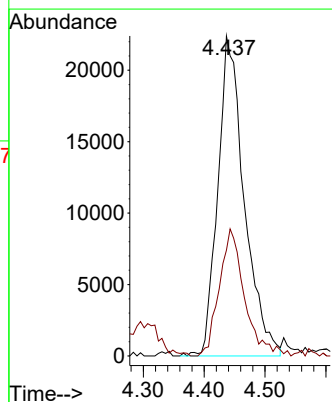
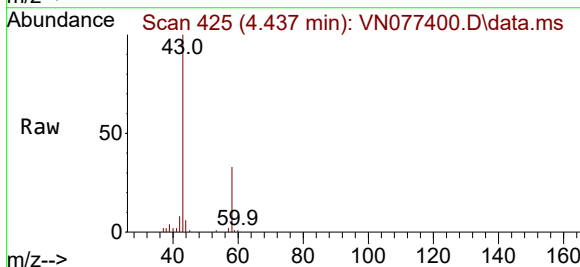
Instrument :
MSVOA_N
ClientSampleId :
SPB-4WC-23-04-17

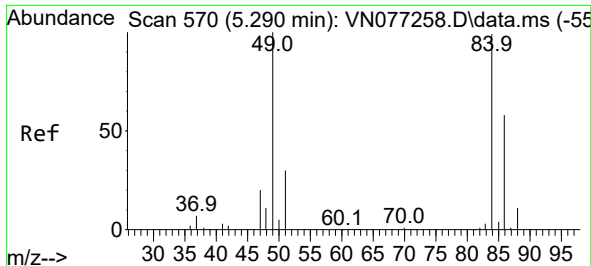
Tgt Ion:168 Resp: 534299
Ion Ratio Lower Upper
168 100
99 63.0 50.6 75.8



#16
Acetone
Concen: 25.057 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077400.D
Acq: 20 Apr 2023 15:10

Tgt Ion: 43 Resp: 67464
Ion Ratio Lower Upper
43 100
58 32.3 29.0 43.6

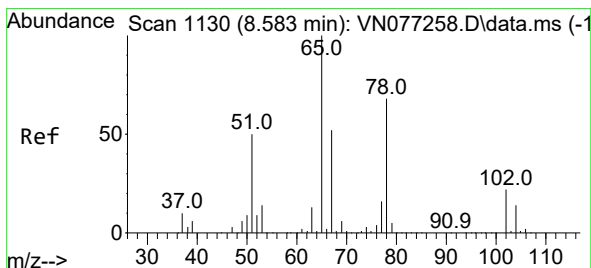
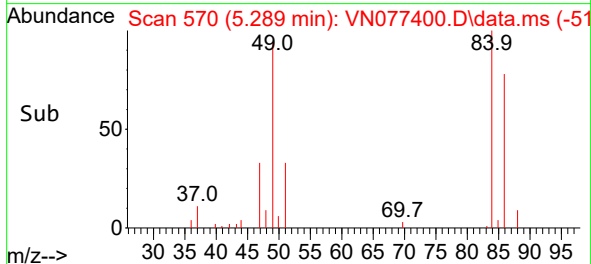
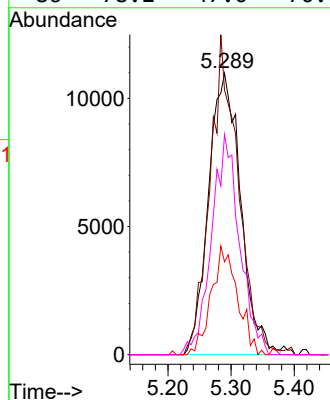
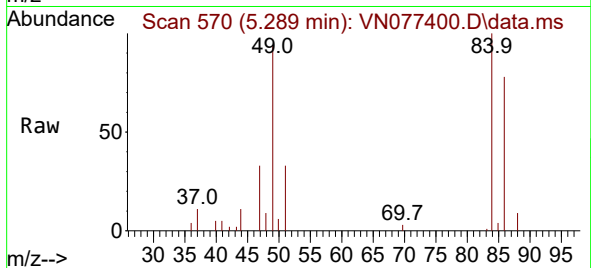




#20
Methylene Chloride
Concen: 5.113 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN077400.D
Acq: 20 Apr 2023 15:10

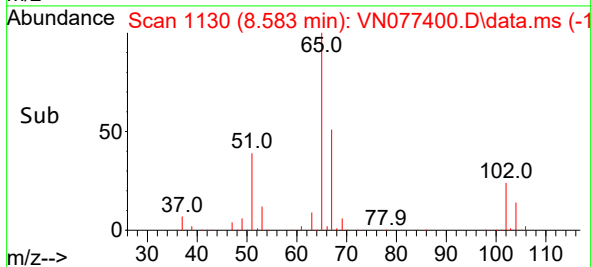
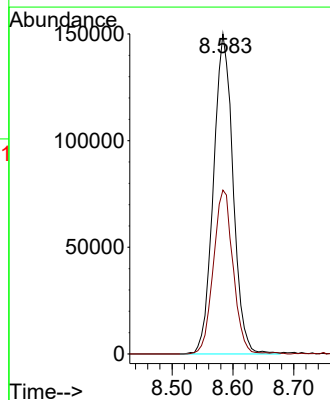
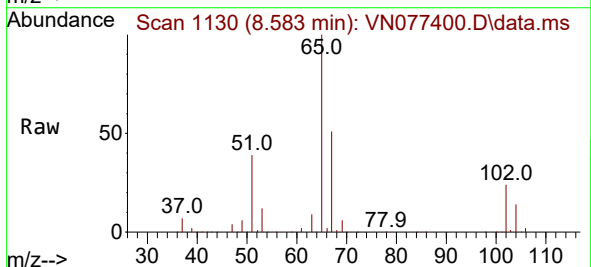
Instrument :
MSVOA_N
ClientSampleId :
SPB-4WC-23-04-17

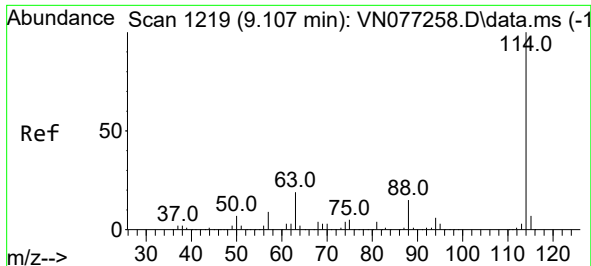
Tgt Ion: 84 Resp: 38880
Ion Ratio Lower Upper
84 100
49 94.0 80.6 121.0
51 33.0 24.4 36.6
86 78.2 47.0 70.6#



#33
1,2-Dichloroethane-d4
Concen: 45.958 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077400.D
Acq: 20 Apr 2023 15:10

Tgt Ion: 65 Resp: 335604
Ion Ratio Lower Upper
65 100
67 51.5 0.0 108.8

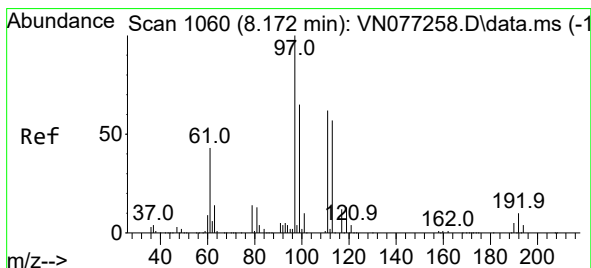
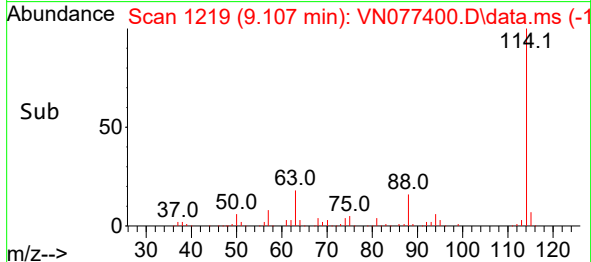
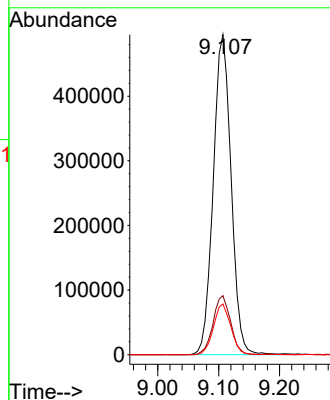
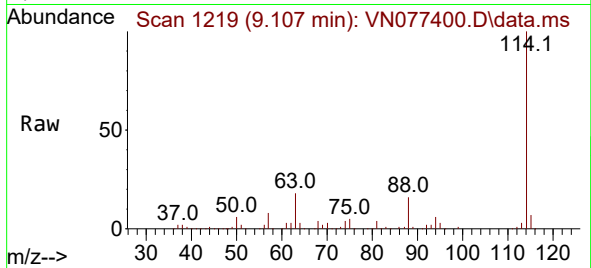




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077400.D
Acq: 20 Apr 2023 15:10

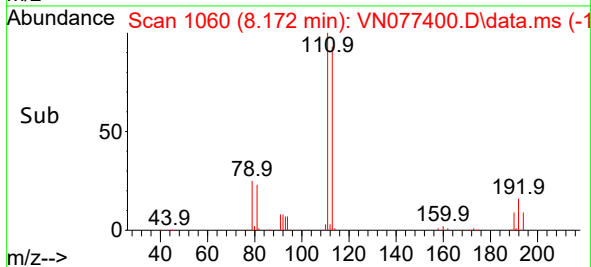
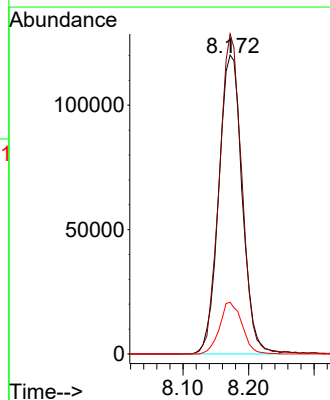
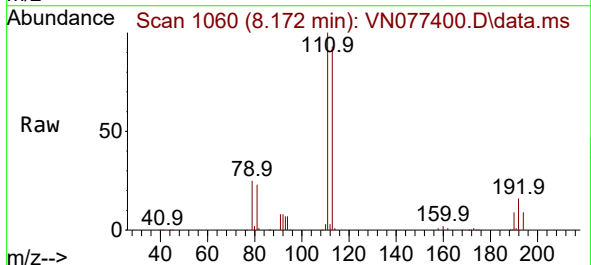
Instrument :
MSVOA_N
ClientSampleId :
SPB-4WC-23-04-17

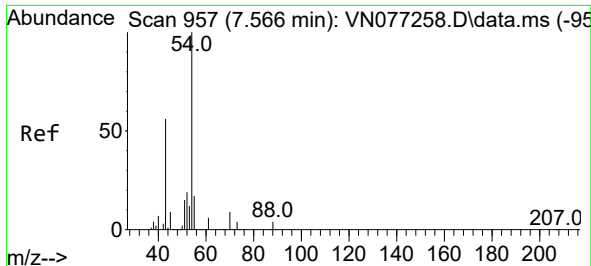
Tgt Ion:114 Resp: 1008503
Ion Ratio Lower Upper
114 100
63 18.5 0.0 37.8
88 15.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.162 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077400.D
Acq: 20 Apr 2023 15:10

Tgt Ion:113 Resp: 298027
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.0
192 16.6 13.5 20.3

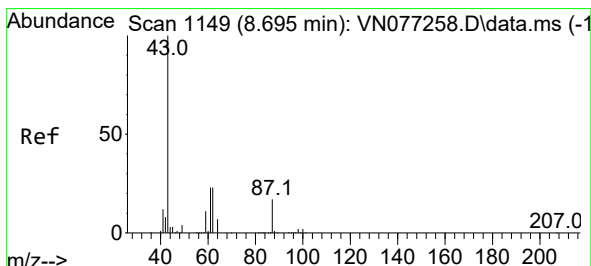
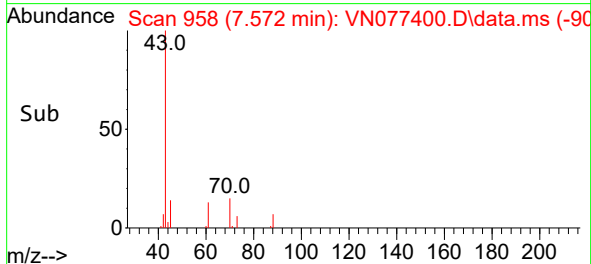
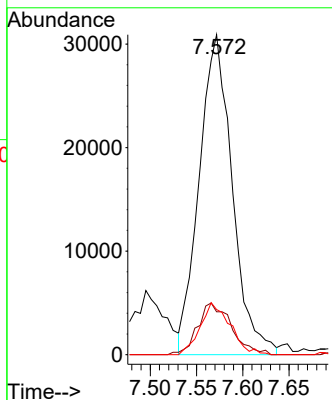
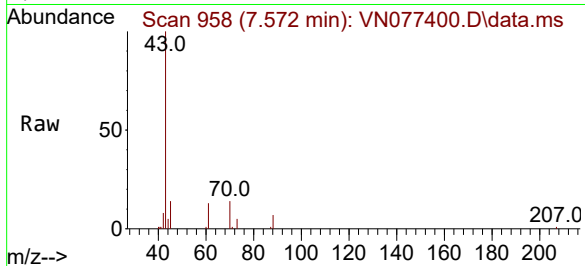




#37
Ethyl Acetate
Concen: 8.989 ug/l m
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077400.D
Acq: 20 Apr 2023 15:10

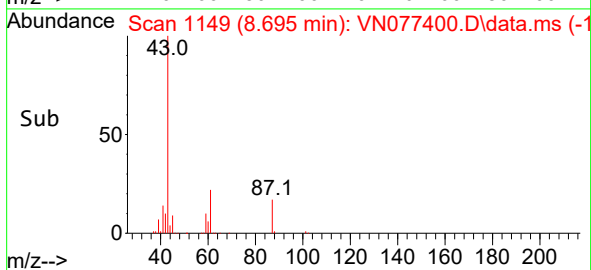
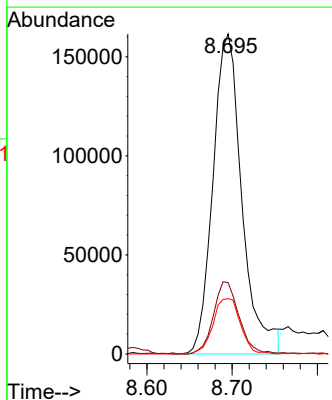
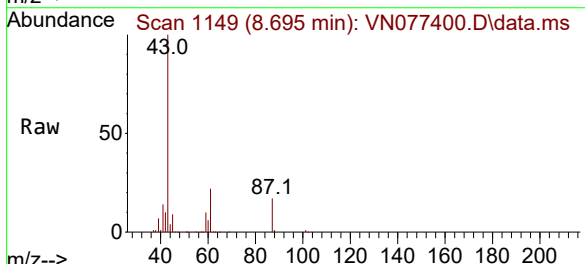
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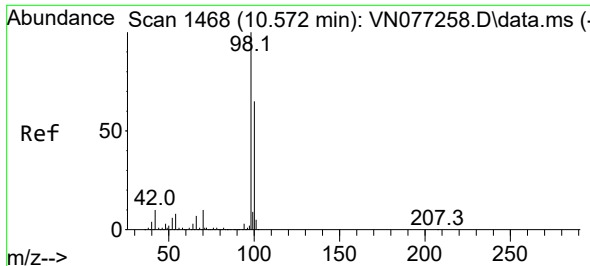
Tgt Ion: 43 Resp: 76792
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.2#
70 0.0 10.0 15.0#



#43
Isopropyl Acetate
Concen: 24.203 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077400.D
Acq: 20 Apr 2023 15:10

Tgt Ion: 43 Resp: 381550
Ion Ratio Lower Upper
43 100
61 20.1 22.7 34.1#
87 16.3 13.6 20.4

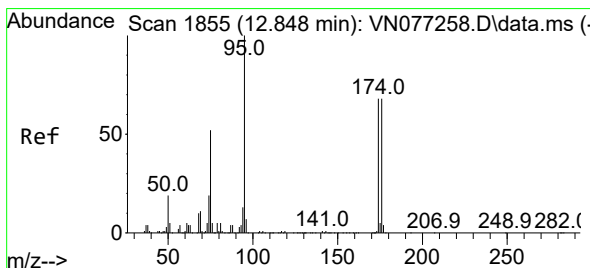
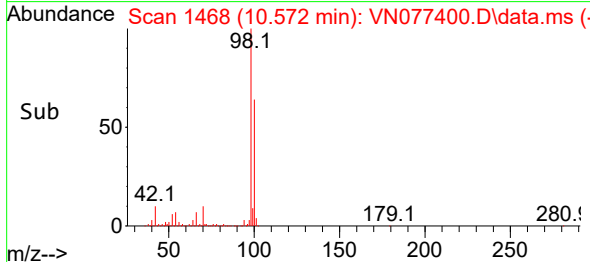
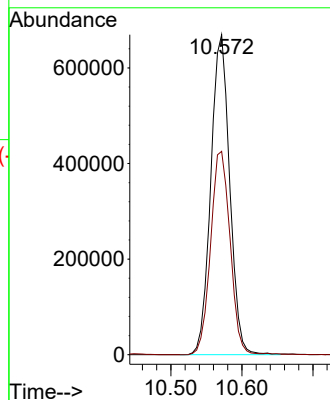
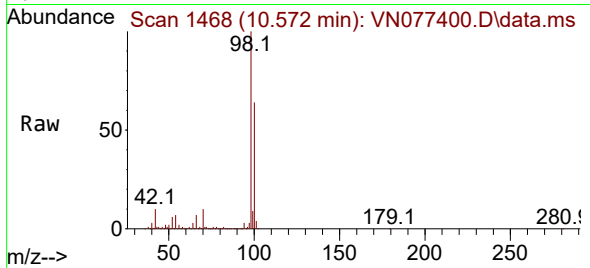




#50
Toluene-d8
Concen: 47.496 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077400.D
Acq: 20 Apr 2023 15:10

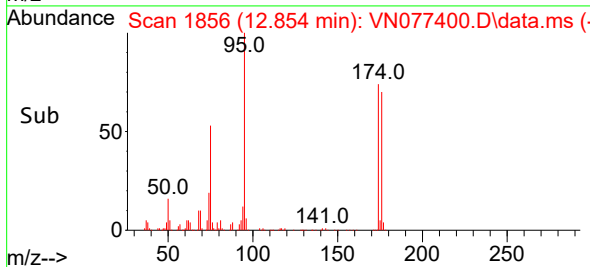
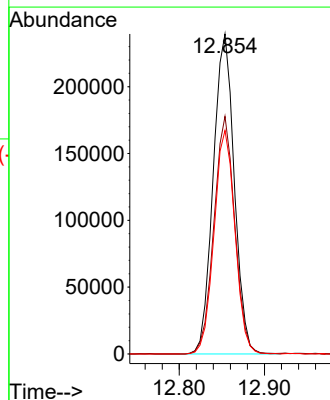
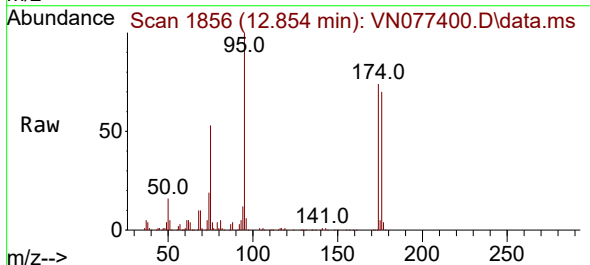
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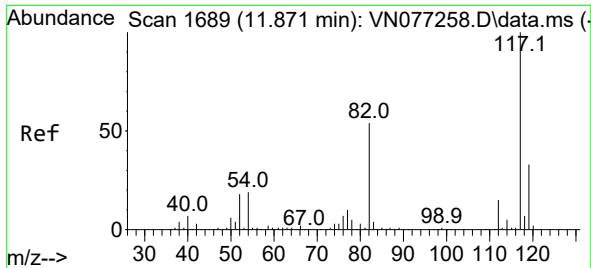
Tgt Ion: 98 Resp: 1234431
Ion Ratio Lower Upper
98 100
100 65.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 47.487 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077400.D
Acq: 20 Apr 2023 15:10

Tgt Ion: 95 Resp: 410477
Ion Ratio Lower Upper
95 100
174 73.8 0.0 146.8
176 69.3 0.0 139.6

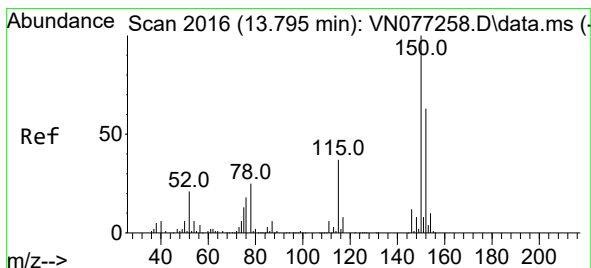
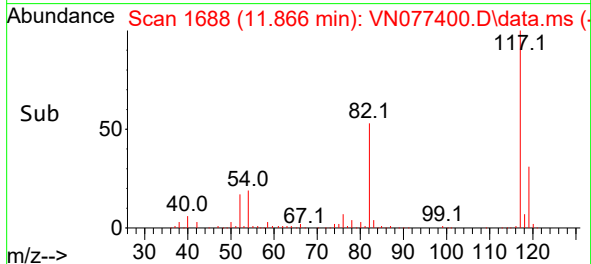
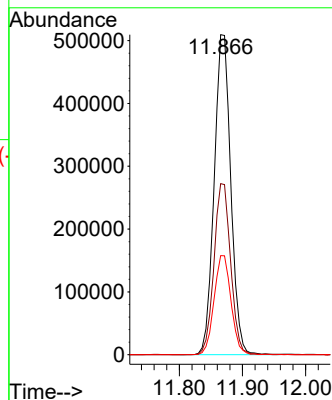
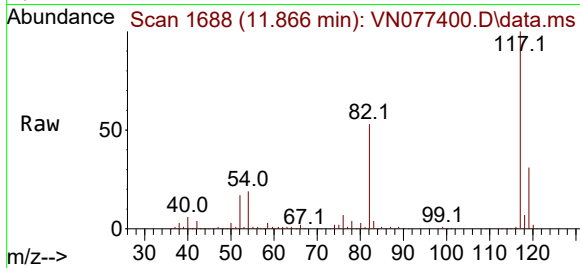




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077400.D
Acq: 20 Apr 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :
SPB-4WC-23-04-17

Tgt Ion:117 Resp: 930716
Ion Ratio Lower Upper
117 100
82 53.4 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: VN077400.D
Acq: 20 Apr 2023 15:10

Tgt Ion:152 Resp: 328165
Ion Ratio Lower Upper
152 100
115 63.6 32.1 96.3
150 160.3 0.0 354.8

