

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077972.D
 Acq On : 30 May 2023 16:15
 Operator : JC\MD
 Sample : 02973-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WEST-DITCH-IN-20230526

Quant Time: May 31 02:09:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

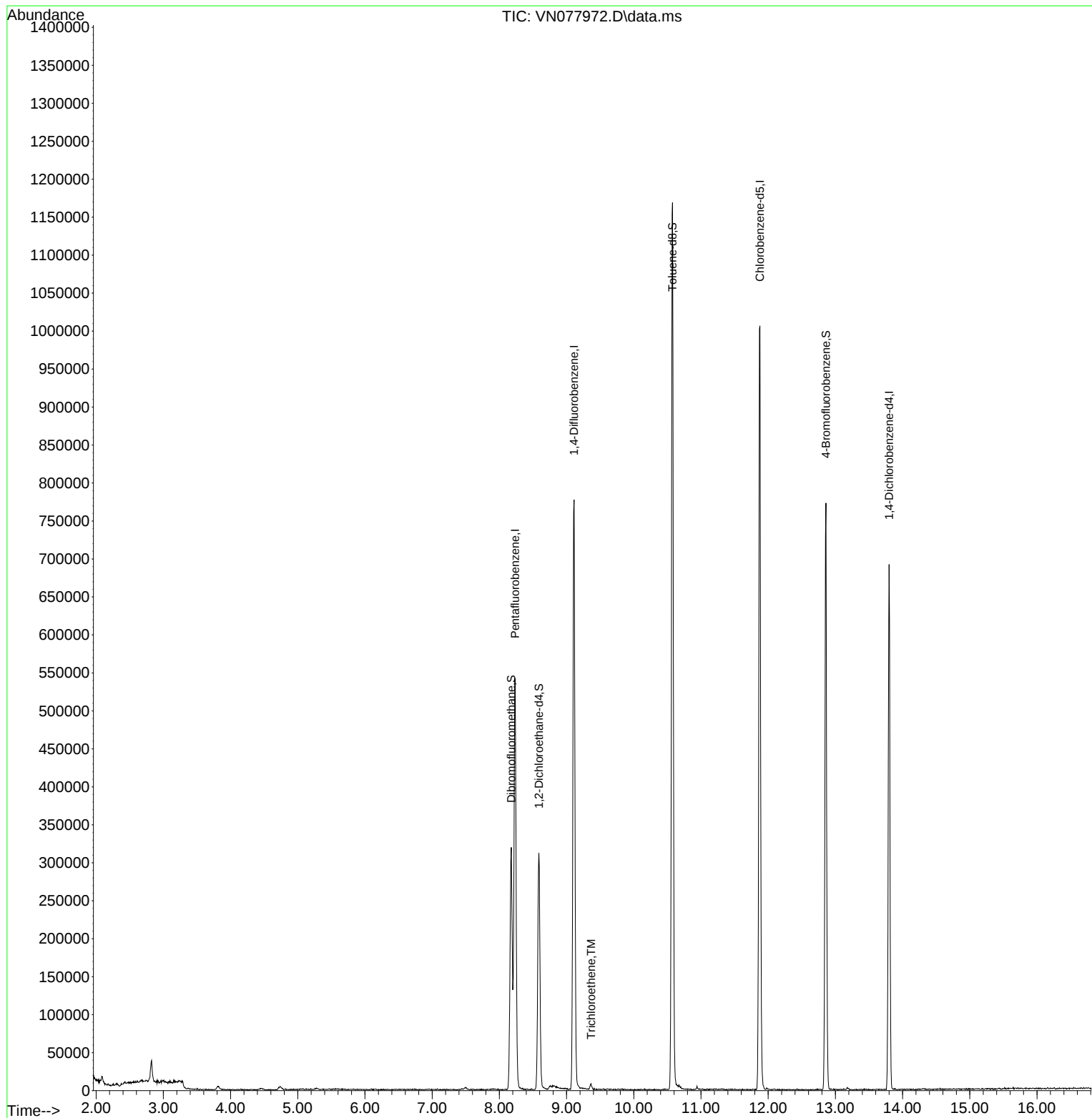
Internal Standards						
1) Pentafluorobenzene	8.235	168	386198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	689712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	605861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	187266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	264233	45.727	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.460%		
35) Dibromofluoromethane	8.177	113	228116	50.720	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.440%		
50) Toluene-d8	10.576	98	856150	49.456	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.920%		
62) 4-Bromofluorobenzene	12.859	95	266273	43.551	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.100%		
Target Compounds						
44) Trichloroethene	9.365	130	2617	0.532	ug/l	80

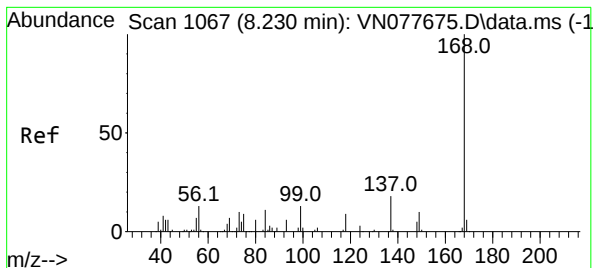
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN077972.D

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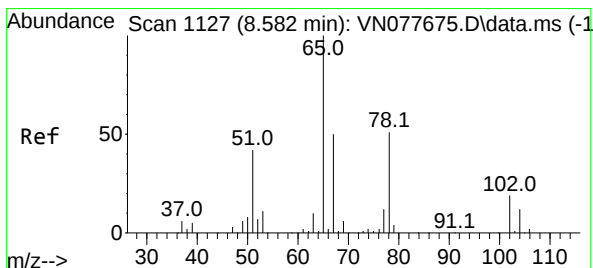
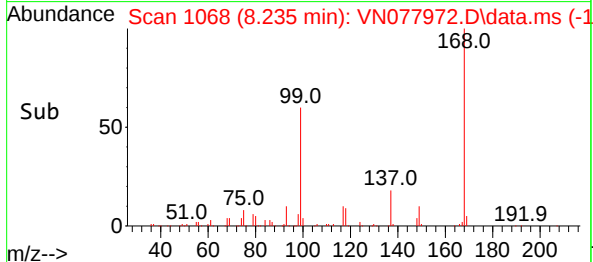
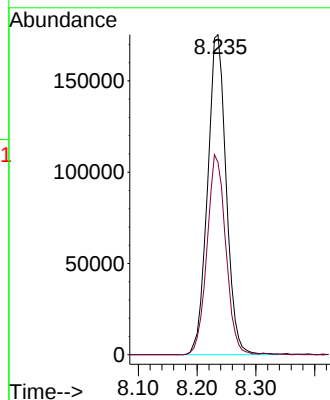
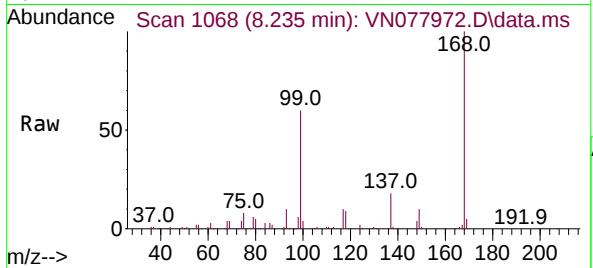
WEST-DITCH-IN-20230526

Tgt Ion:168 Resp: 386198

Ion Ratio Lower Upper

168 100

99 60.1 53.0 79.6



#33

1,2-Dichloroethane-d4

Concen: 45.727 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077972.D

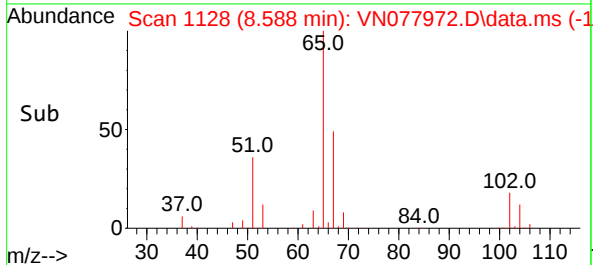
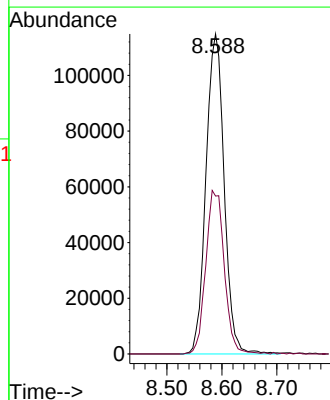
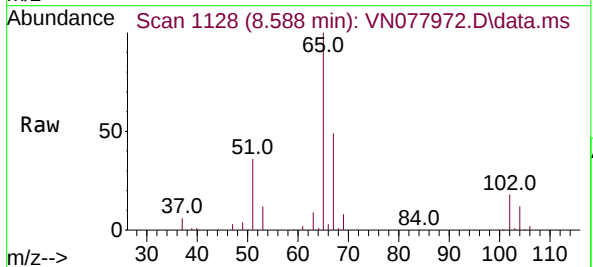
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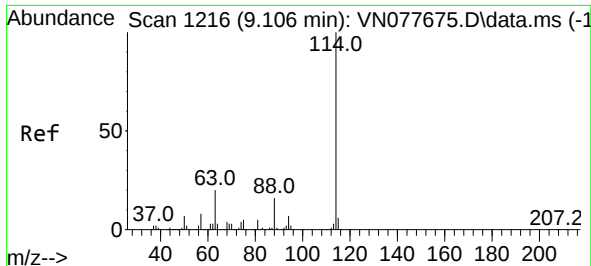
Tgt Ion: 65 Resp: 264233

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.6

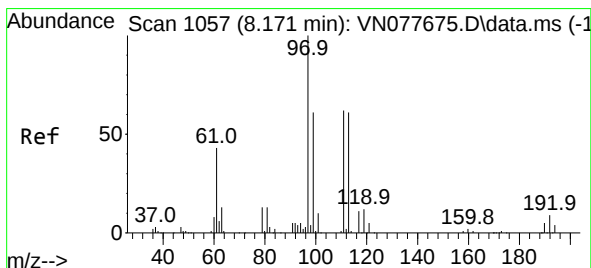
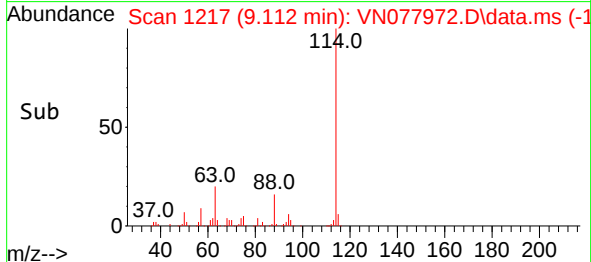
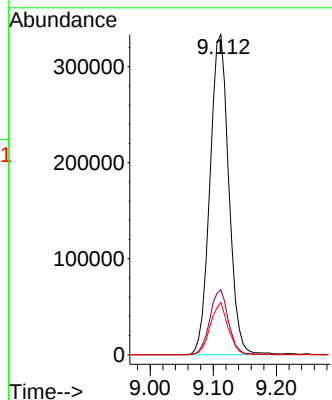
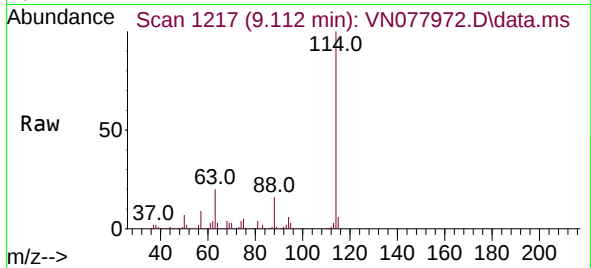




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077972.D
Acq: 30 May 2023 16:15

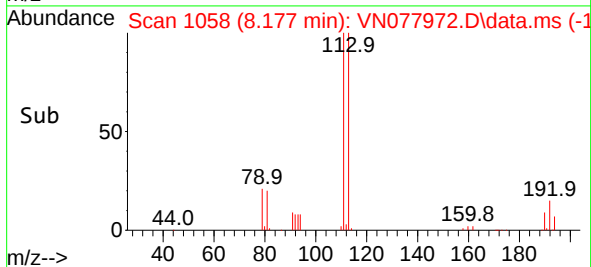
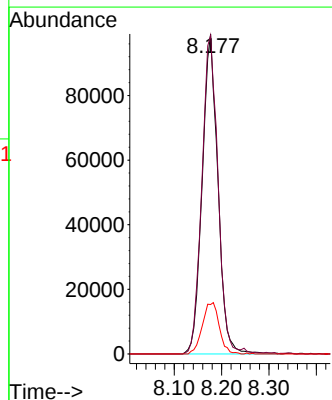
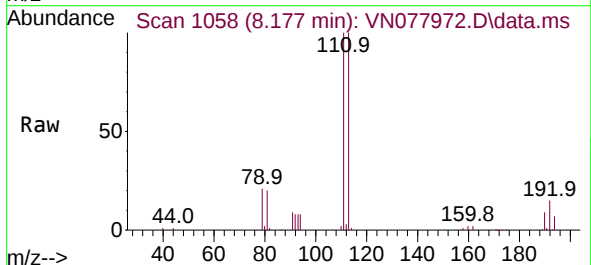
Instrument :
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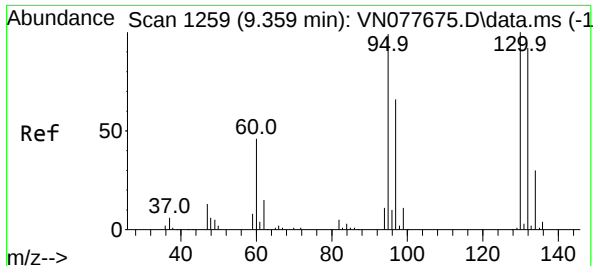
Tgt Ion:114 Resp: 689712
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.720 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077972.D
Acq: 30 May 2023 16:15

Tgt Ion:113 Resp: 228116
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 17.3 12.7 19.1

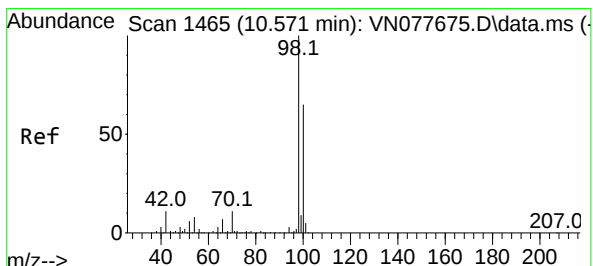
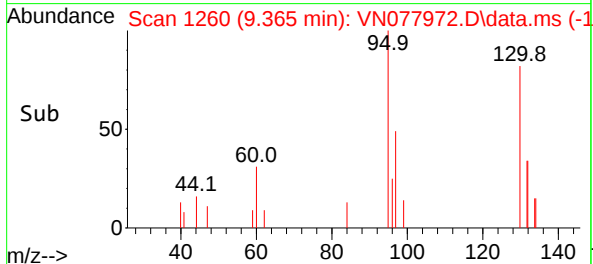
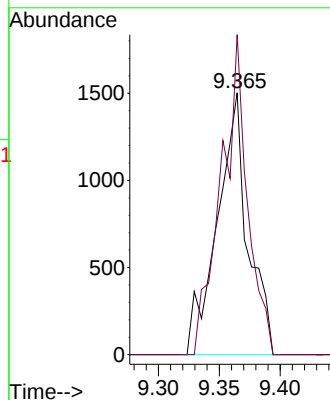
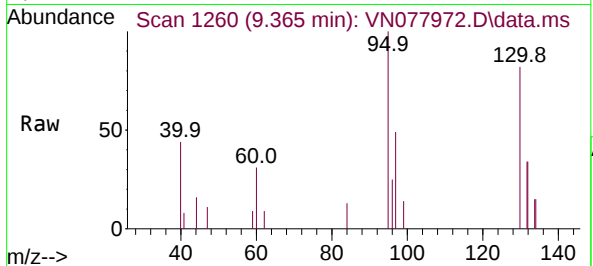




#44
Trichloroethene
Concen: 0.532 ug/l
RT: 9.365 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077972.D
Acq: 30 May 2023 16:15

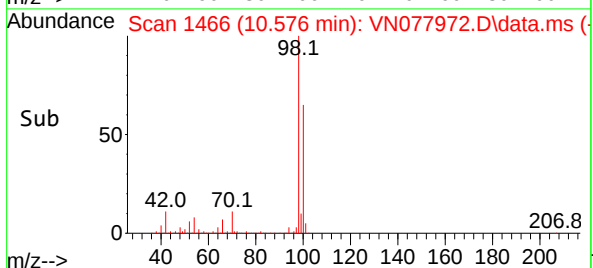
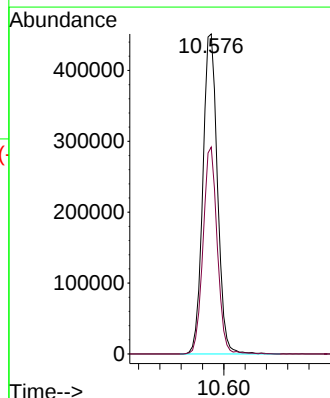
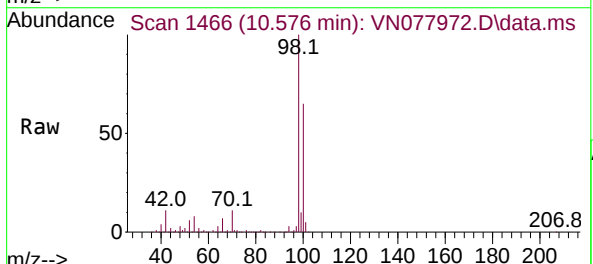
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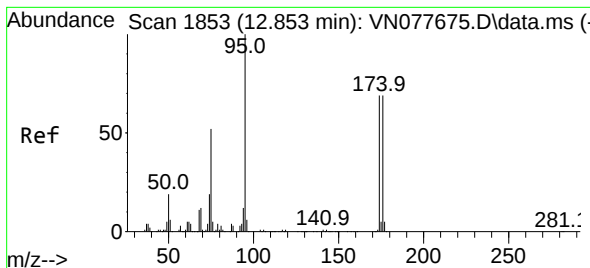
Tgt Ion:130 Resp: 2617
Ion Ratio Lower Upper
130 100
95 122.2 0.0 204.6



#50
Toluene-d8
Concen: 49.456 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077972.D
Acq: 30 May 2023 16:15

Tgt Ion: 98 Resp: 856150
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

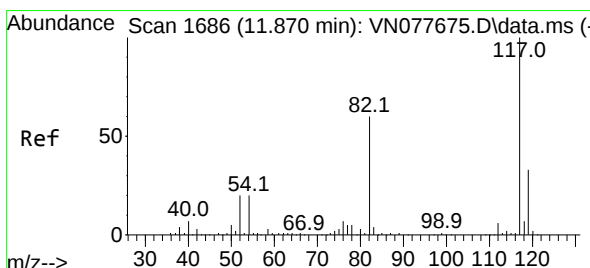
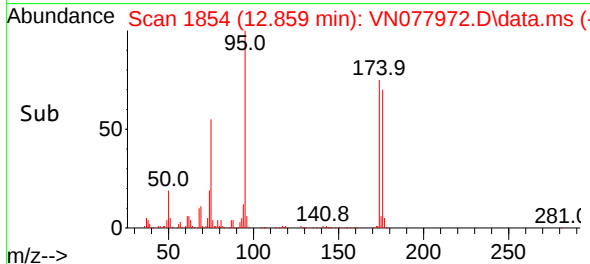
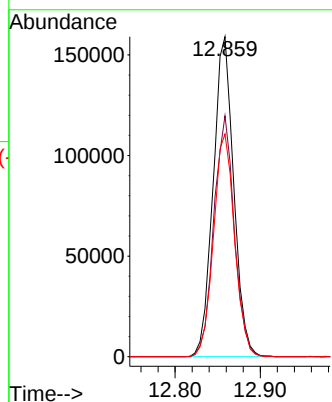
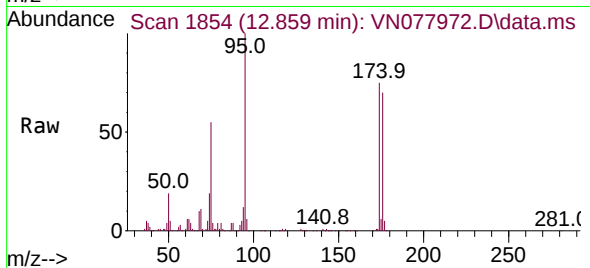




#62
4-Bromofluorobenzene
Concen: 43.551 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077972.D
Acq: 30 May 2023 16:15

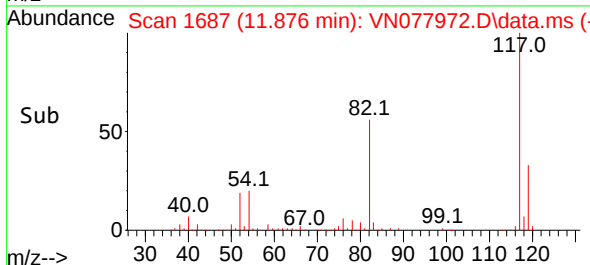
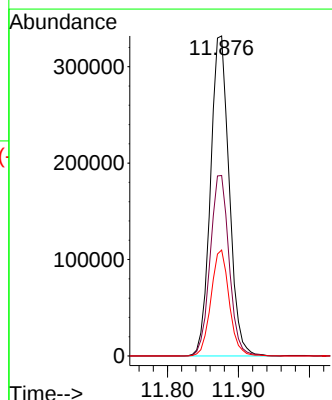
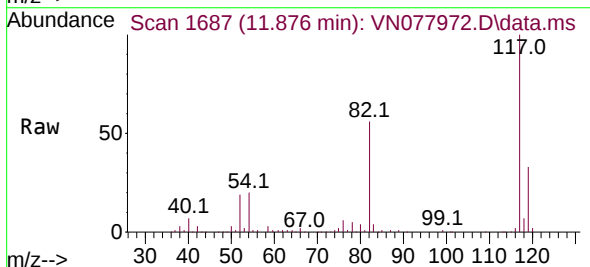
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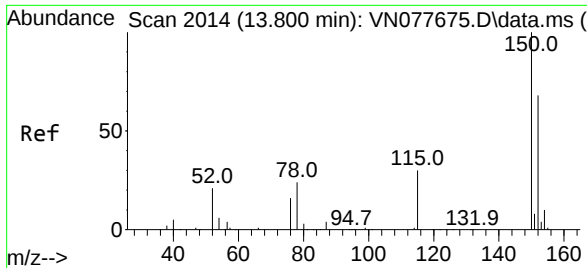
Tgt Ion: 95 Resp: 266273
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 71.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077972.D
Acq: 30 May 2023 16:15

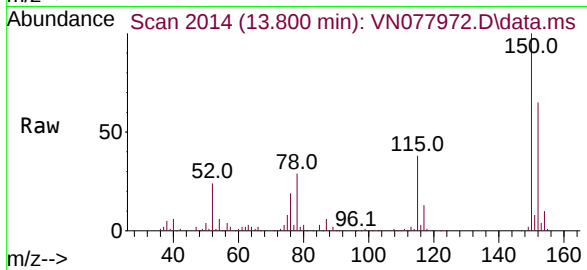
Tgt Ion: 117 Resp: 605861
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 33.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077972.D
 Acq: 30 May 2023 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 WEST-DITCH-IN-20230526



Tgt Ion:152 Resp: 187266
 Ion Ratio Lower Upper
 152 100
 115 62.4 32.3 96.8
 150 157.5 0.0 355.8

