

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076938.D
 Acq On : 10 Mar 2023 20:50
 Operator : JC\MD
 Sample : PB151341TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151341TB

Quant Time: Mar 13 01:24:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

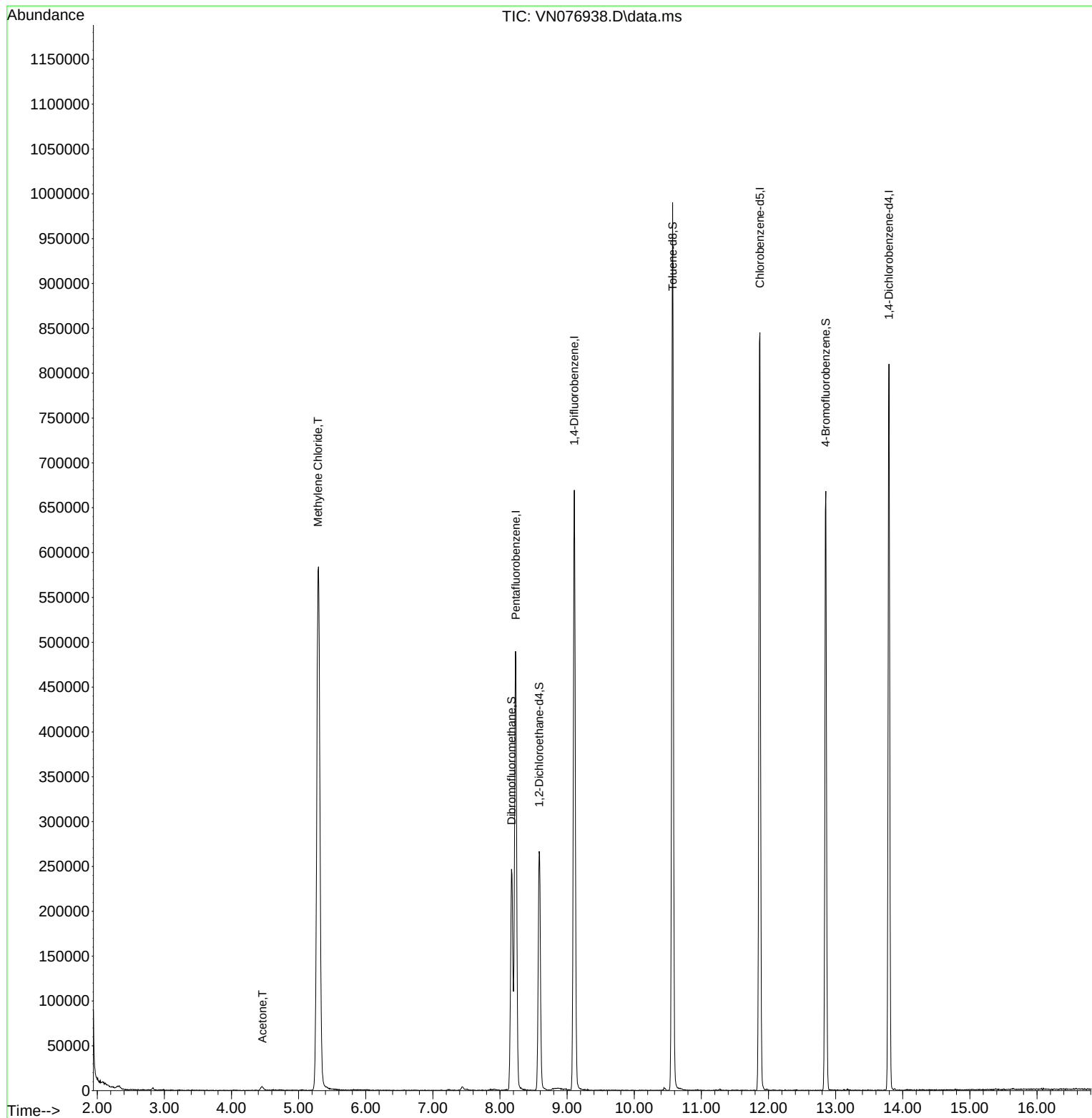
Internal Standards						
1) Pentafluorobenzene	8.236	168	343917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	562249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	487623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	208279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	242718	47.293	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.580%		
35) Dibromofluoromethane	8.172	113	178492	47.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.260%		
50) Toluene-d8	10.572	98	669280	48.463	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.920%		
62) 4-Bromofluorobenzene	12.854	95	239576	47.428	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.860%		
Target Compounds						
16) Acetone	4.460	43	8169	4.593	ug/l #	78
20) Methylene Chloride	5.290	84	499969	109.338	ug/l	89

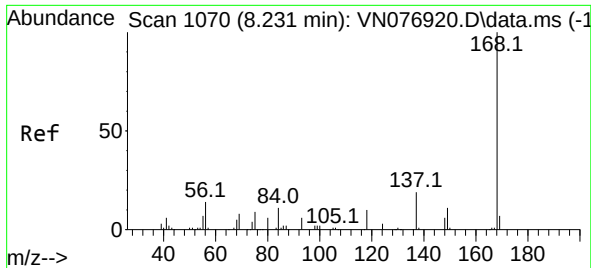
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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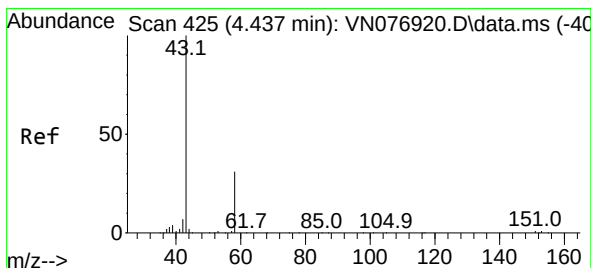
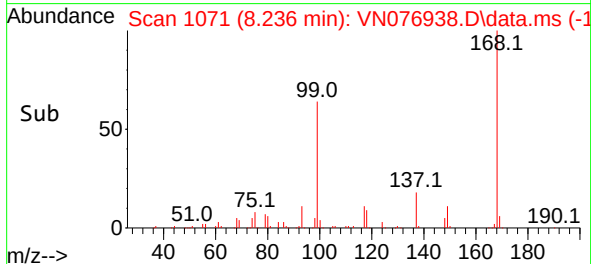
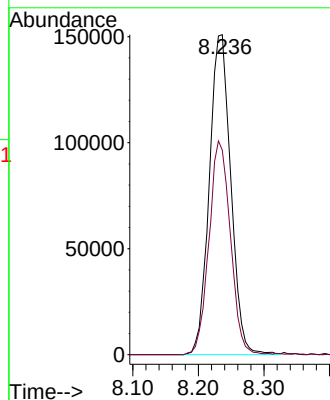
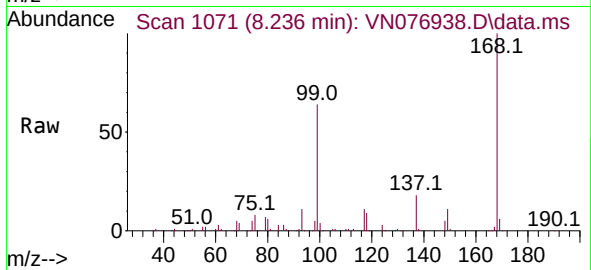




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN076938.D
Acq: 10 Mar 2023 20:50

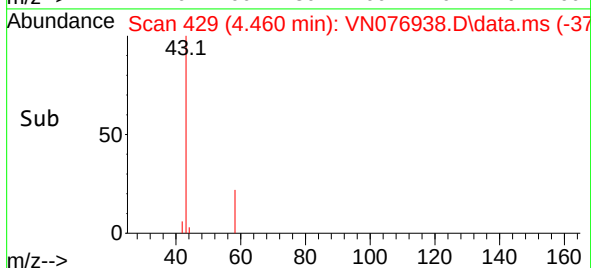
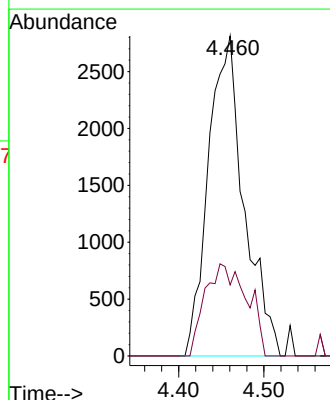
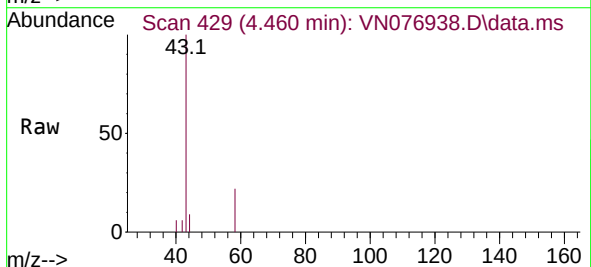
Instrument :
MSVOA_N
ClientSampleId :
PB151341TB

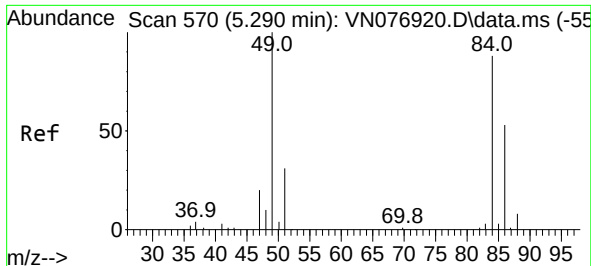
Tgt Ion:168 Resp: 343917
Ion Ratio Lower Upper
168 100
99 63.9 48.6 73.0



#16
Acetone
Concen: 4.593 ug/l
RT: 4.460 min Scan# 429
Delta R.T. 0.023 min
Lab File: VN076938.D
Acq: 10 Mar 2023 20:50

Tgt Ion: 43 Resp: 8169
Ion Ratio Lower Upper
43 100
58 22.2 28.2 42.2#

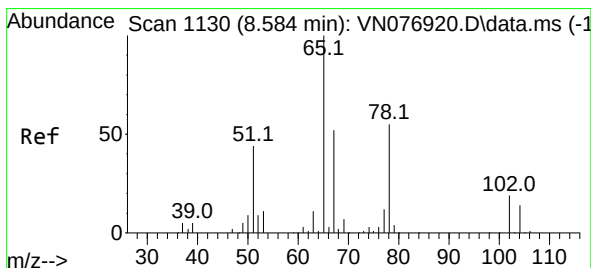
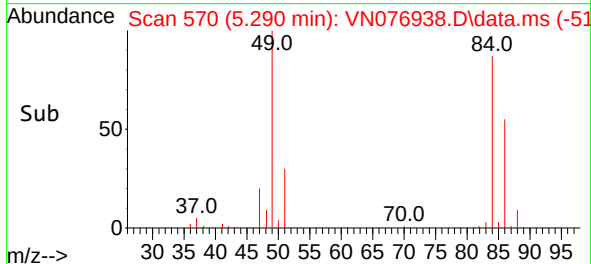
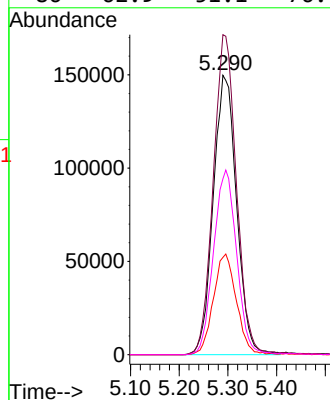
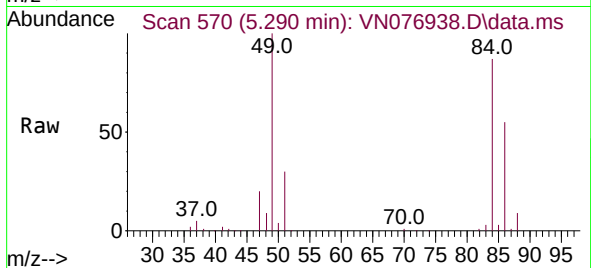




#20
Methylene Chloride
Concen: 109.338 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076938.D
Acq: 10 Mar 2023 20:50

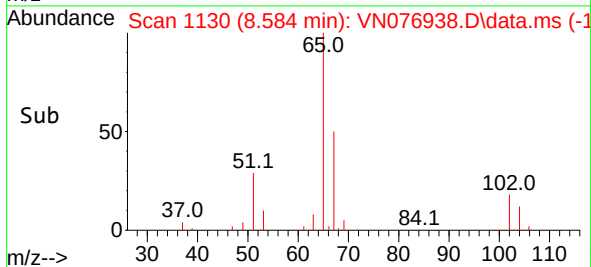
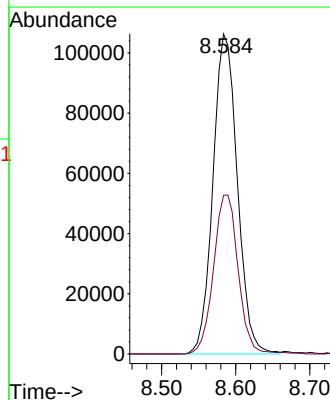
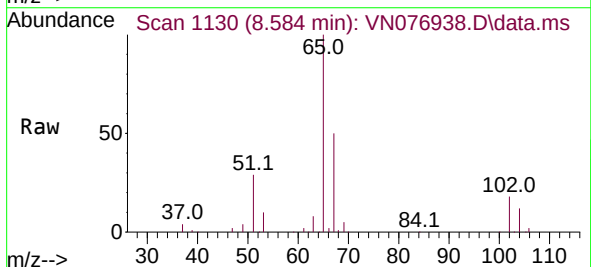
Instrument :
MSVOA_N
ClientSampleId :
PB151341TB

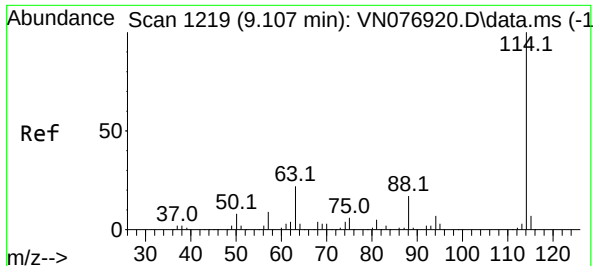
Tgt Ion:	84	Resp:	499969
Ion	Ratio	Lower	Upper
84	100		
49	114.5	76.6	114.8
51	34.8	25.4	38.2
86	62.9	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 47.293 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076938.D
Acq: 10 Mar 2023 20:50

Tgt Ion:	65	Resp:	242718
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	107.2

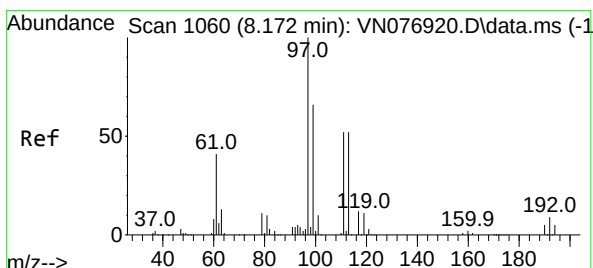
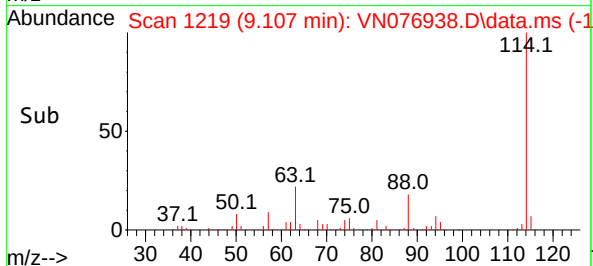
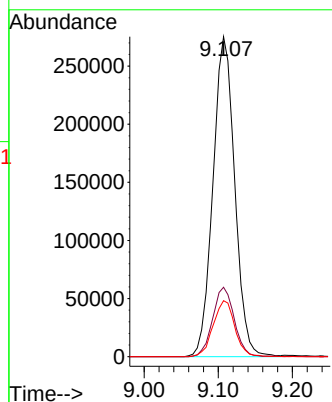
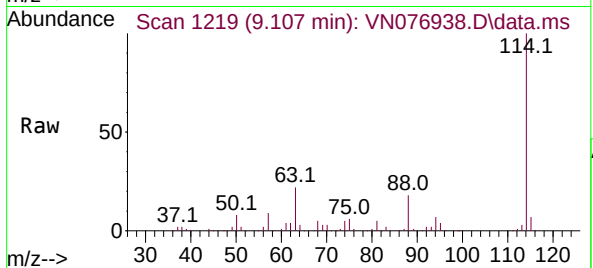




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076938.D
Acq: 10 Mar 2023 20:50

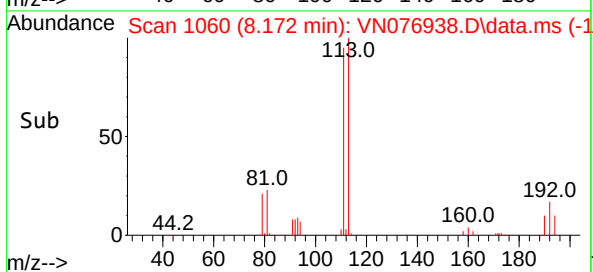
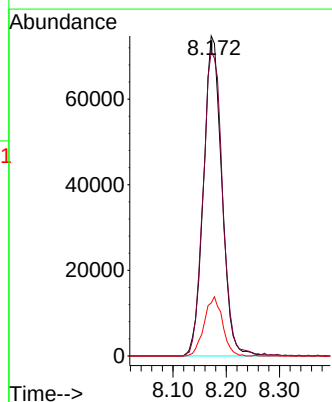
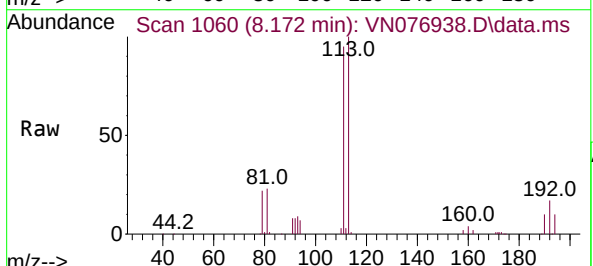
Instrument :
MSVOA_N
ClientSampleId :
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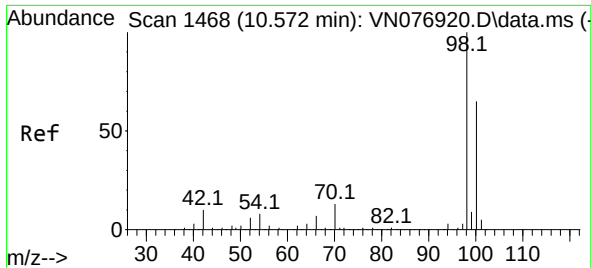
Tgt Ion:114 Resp: 562249
Ion Ratio Lower Upper
114 100
63 21.7 0.0 36.6
88 17.5 0.0 28.6



#35
Dibromofluoromethane
Concen: 47.633 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076938.D
Acq: 10 Mar 2023 20:50

Tgt Ion:113 Resp: 178492
Ion Ratio Lower Upper
113 100
111 100.4 81.8 122.8
192 18.5 13.9 20.9

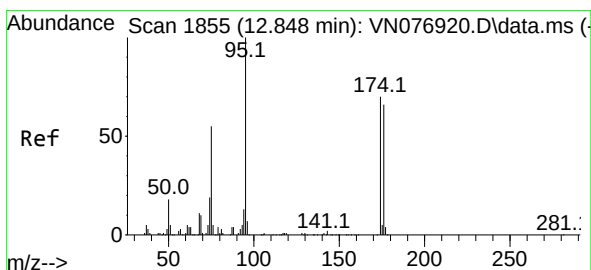
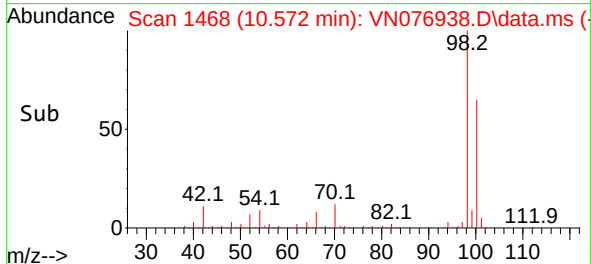
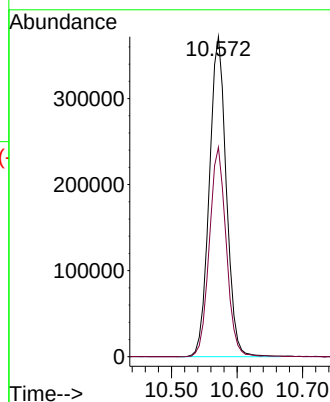
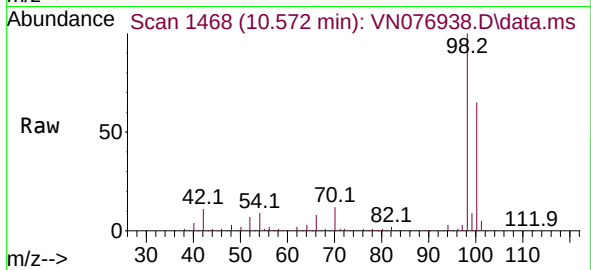




#50
Toluene-d8
Concen: 48.463 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076938.D
Acq: 10 Mar 2023 20:50

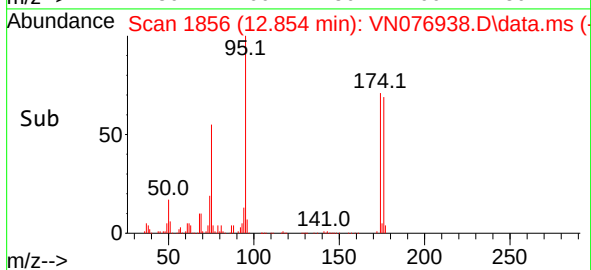
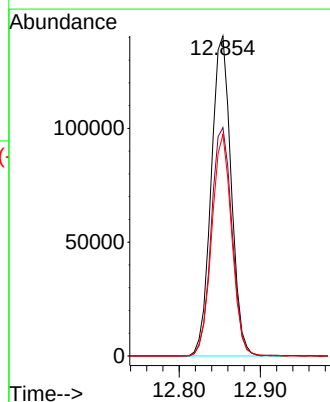
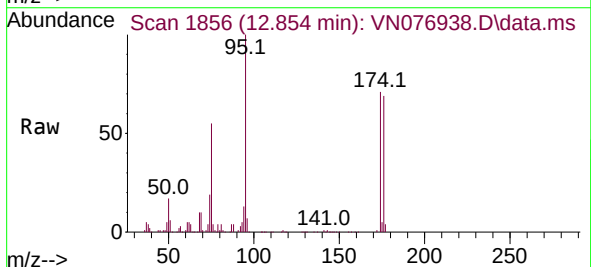
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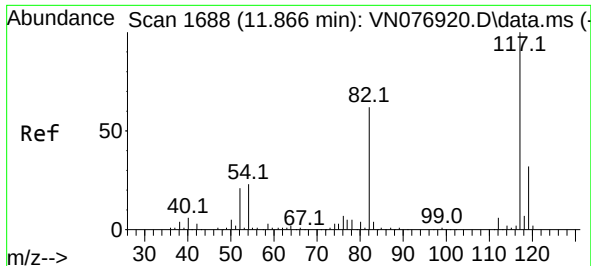
Tgt Ion: 98 Resp: 669280
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.428 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076938.D
Acq: 10 Mar 2023 20:50

Tgt Ion: 95 Resp: 239576
Ion Ratio Lower Upper
95 100
174 74.1 0.0 162.4
176 69.4 0.0 157.4

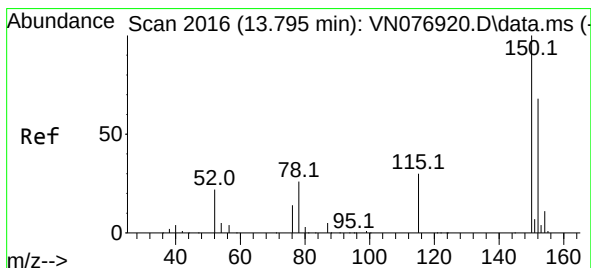
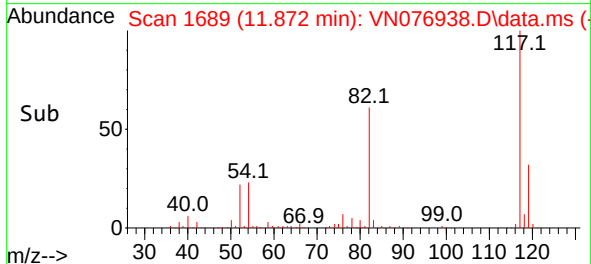
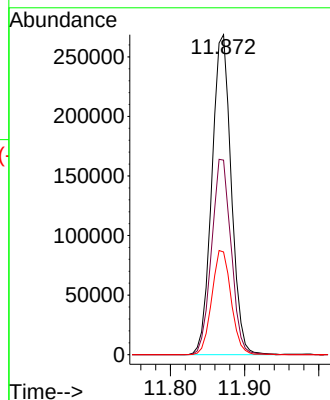
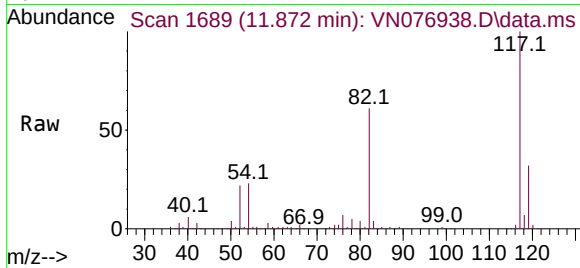




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076938.D
Acq: 10 Mar 2023 20:50

Instrument :
MSVOA_N
ClientSampleId :
PB151341TB

Tgt Ion:117 Resp: 487623
Ion Ratio Lower Upper
117 100
82 60.8 43.5 65.3
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076938.D
Acq: 10 Mar 2023 20:50

Tgt Ion:152 Resp: 208279
Ion Ratio Lower Upper
152 100
115 68.0 30.3 90.9
150 160.4 0.0 353.6

