

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079542.D
 Acq On : 12 Oct 2023 13:59
 Operator : JC\MD
 Sample : PB156319TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156319TB

Quant Time: Oct 13 01:19:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

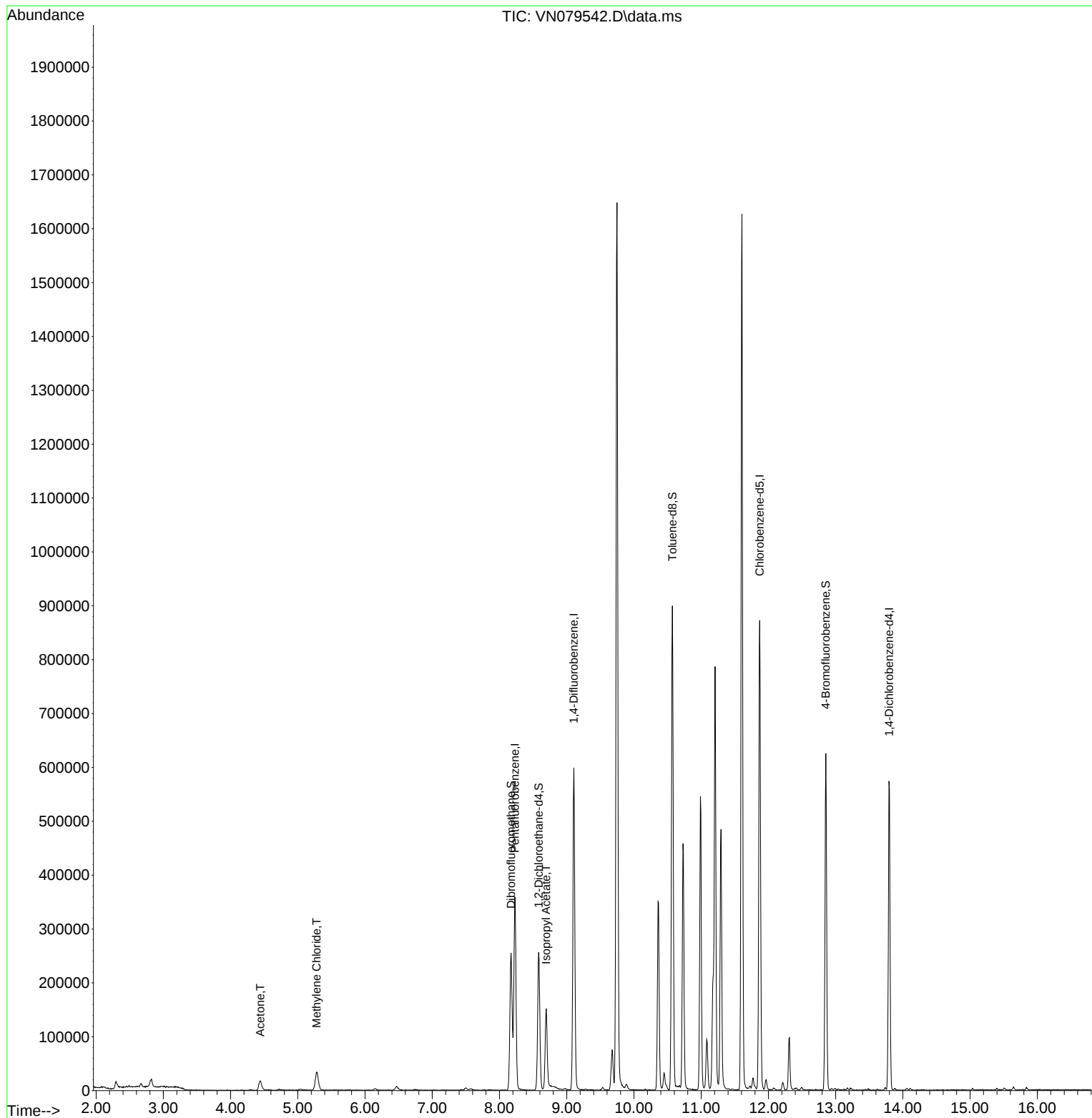
Internal Standards						
1) Pentafluorobenzene	8.230	168	250597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	492109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	495965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	207768	51.134	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.260%	
35) Dibromofluoromethane	8.171	113	179134	50.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.300%	
50) Toluene-d8	10.571	98	609666	47.645	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.300%	
62) 4-Bromofluorobenzene	12.853	95	202590	49.334	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.660%	
Target Compounds						
						Qvalue
16) Acetone	4.442	43	36083	22.389	ug/l	95
20) Methylene Chloride	5.277	84	25968	6.838	ug/l #	81
43) Isopropyl Acetate	8.694	43	170942	18.475	ug/l #	81

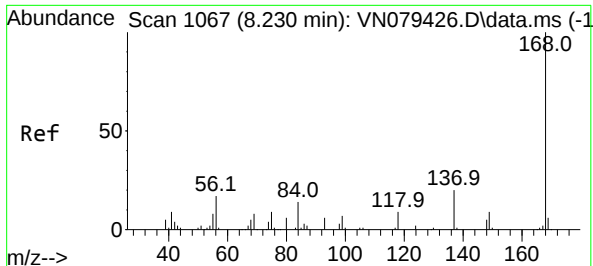
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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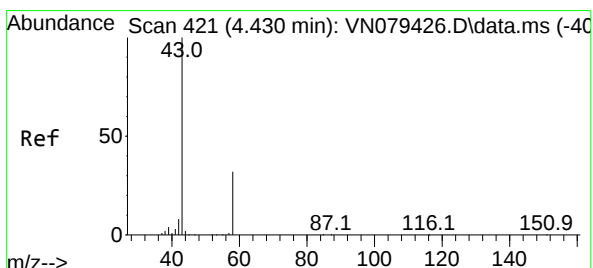
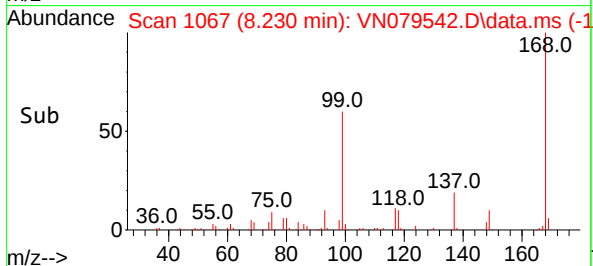
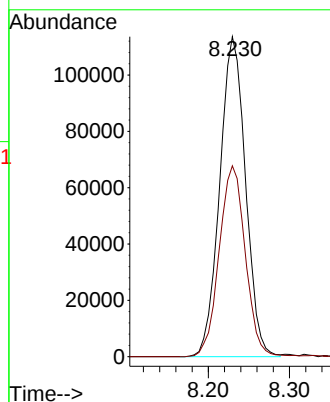
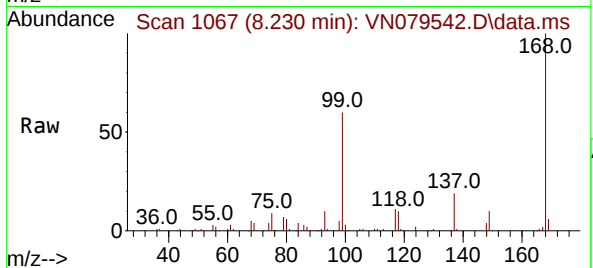




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079542.D
Acq: 12 Oct 2023 13:59

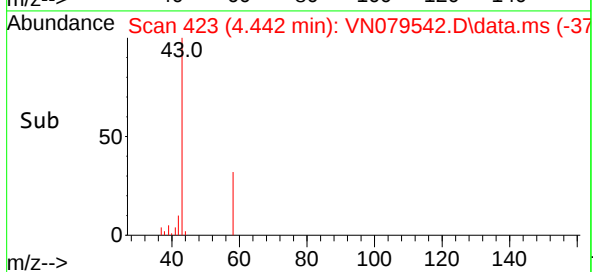
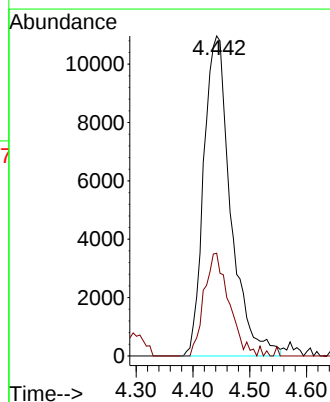
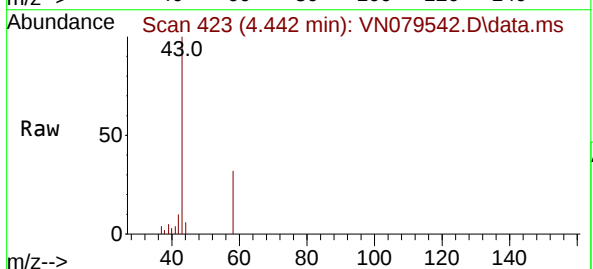
Instrument :
MSVOA_N
ClientSampleId :
PB156319TB

Tgt Ion:168 Resp: 250597
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#16
Acetone
Concen: 22.389 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079542.D
Acq: 12 Oct 2023 13:59

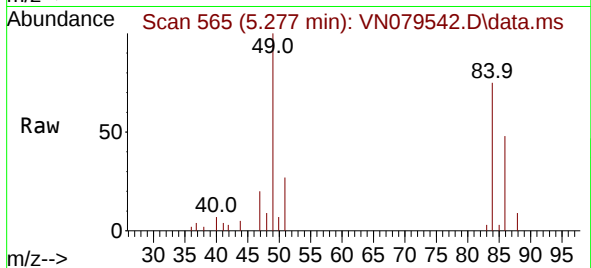
Tgt Ion: 43 Resp: 36083
Ion Ratio Lower Upper
43 100
58 32.1 28.0 42.0



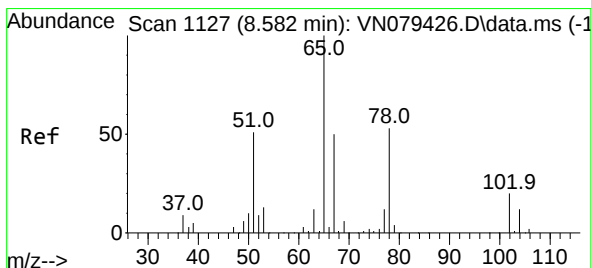
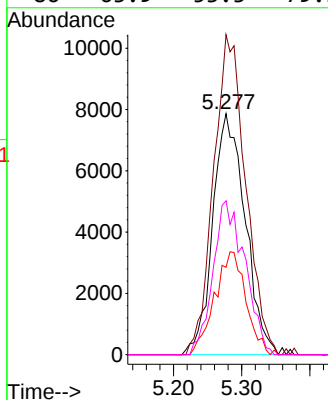
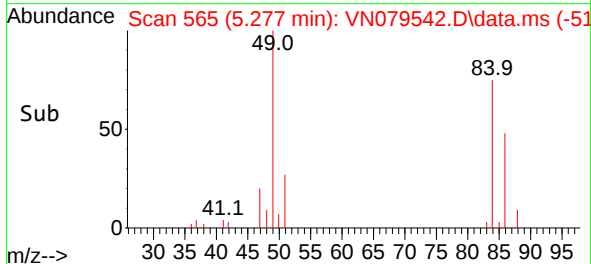


#20
Methylene Chloride
Concen: 6.838 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079542.D
Acq: 12 Oct 2023 13:59

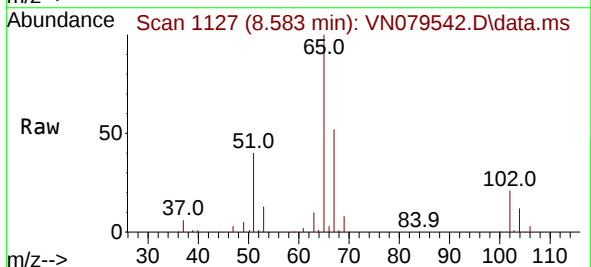
Instrument :
MSVOA_N
ClientSampleId :
PB156319TB



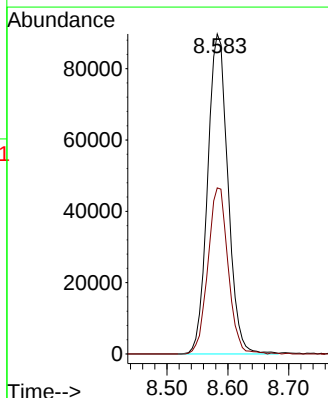
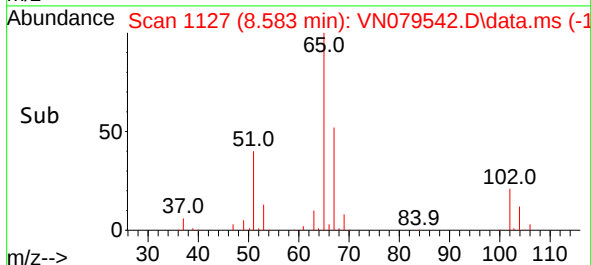
Tgt Ion:	84	Resp:	25968
Ion	Ratio	Lower	Upper
84	100		
49	132.8	79.7	119.5#
51	36.3	25.2	37.8
86	63.9	53.3	79.9

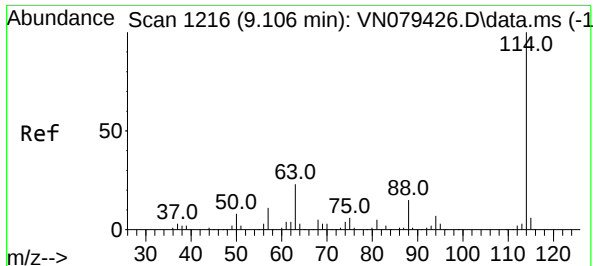


#33
1,2-Dichloroethane-d4
Concen: 51.134 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079542.D
Acq: 12 Oct 2023 13:59



Tgt Ion:	65	Resp:	207768
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	106.6

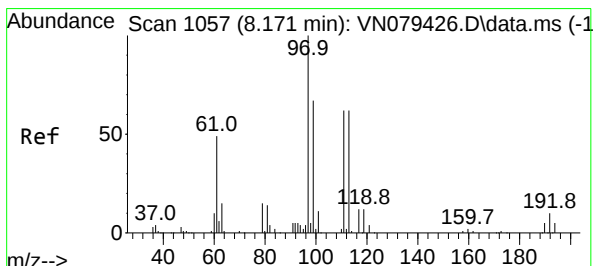
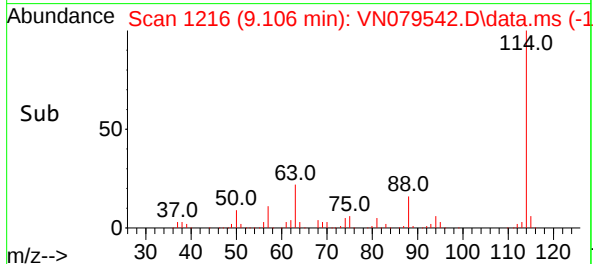
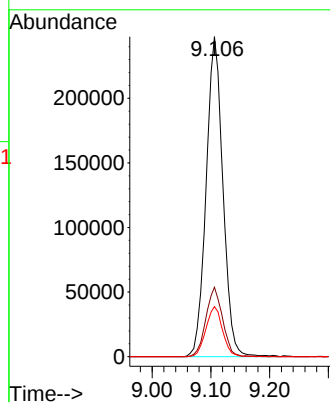
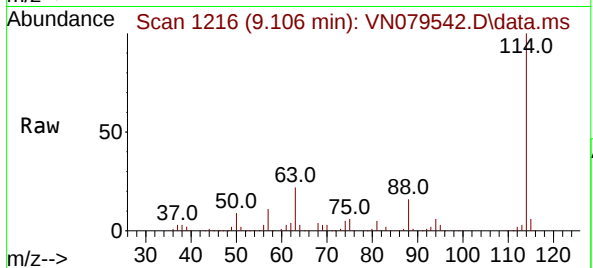




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079542.D
Acq: 12 Oct 2023 13:59

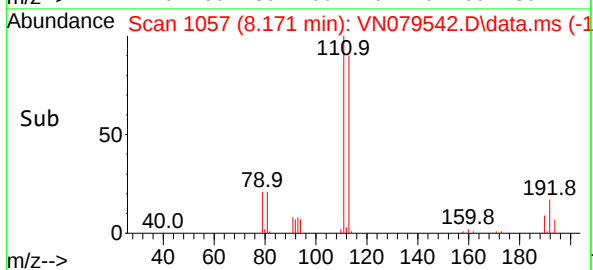
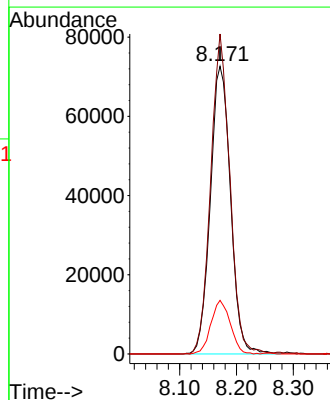
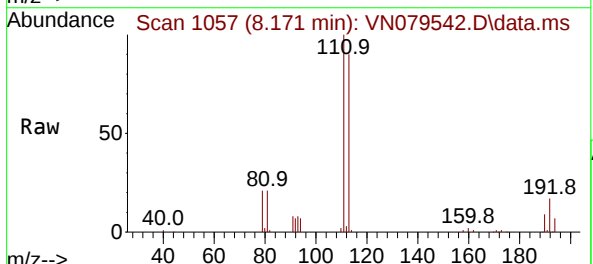
Instrument :
MSVOA_N
ClientSampleId :
PB156319TB

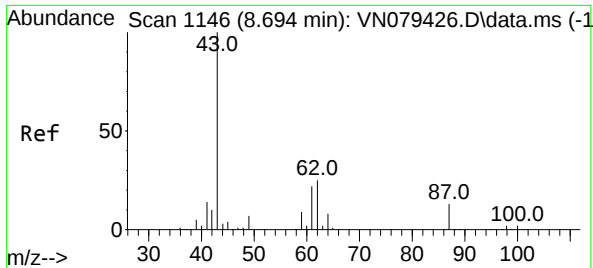
Tgt Ion:114 Resp: 492109
Ion Ratio Lower Upper
114 100
63 21.7 0.0 36.4
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.653 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079542.D
Acq: 12 Oct 2023 13:59

Tgt Ion:113 Resp: 179134
Ion Ratio Lower Upper
113 100
111 105.5 82.6 123.8
192 17.8 12.7 19.1

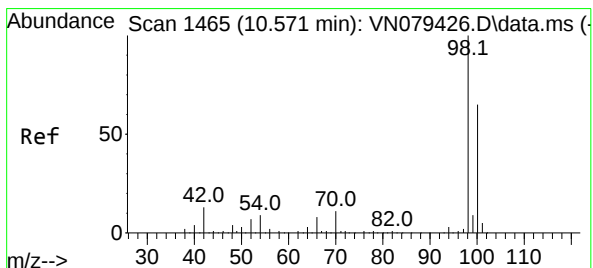
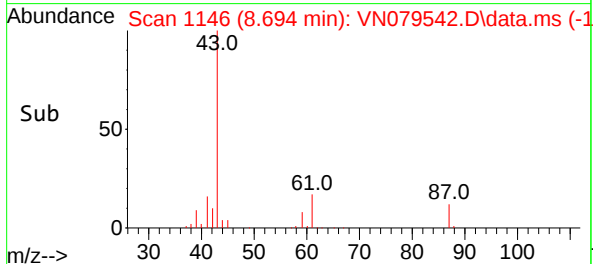
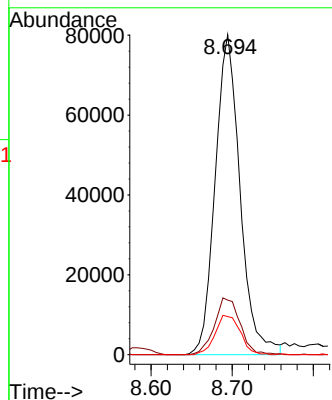
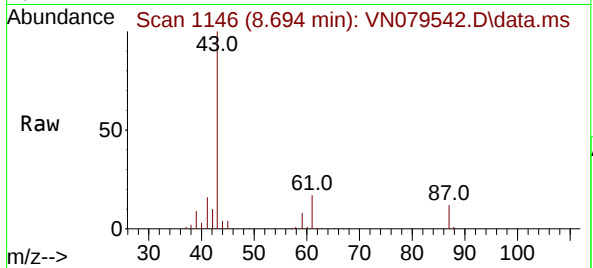




#43
Isopropyl Acetate
Concen: 18.475 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079542.D
Acq: 12 Oct 2023 13:59

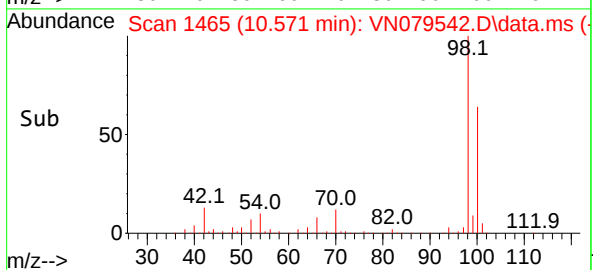
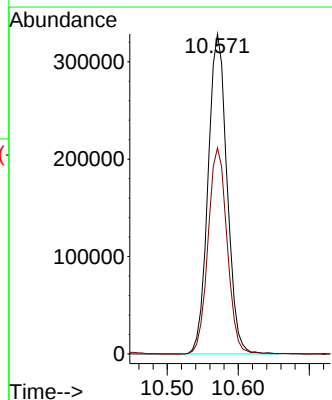
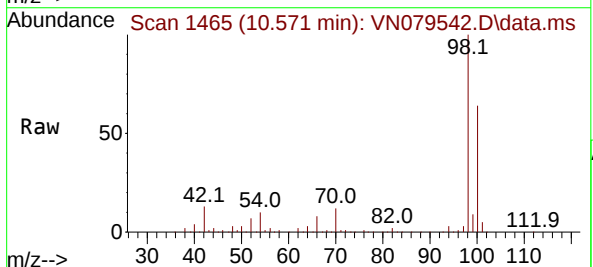
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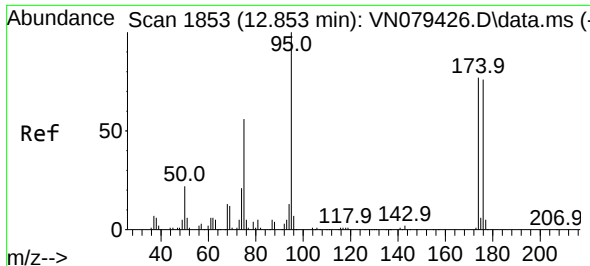
Tgt Ion: 43 Resp: 170942
Ion Ratio Lower Upper
43 100
61 18.3 24.7 37.1#
87 12.4 14.6 21.8#



#50
Toluene-d8
Concen: 47.645 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079542.D
Acq: 12 Oct 2023 13:59

Tgt Ion: 98 Resp: 609666
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

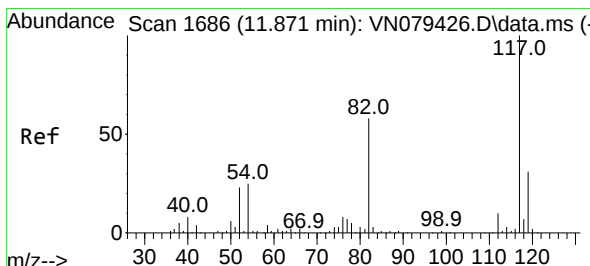
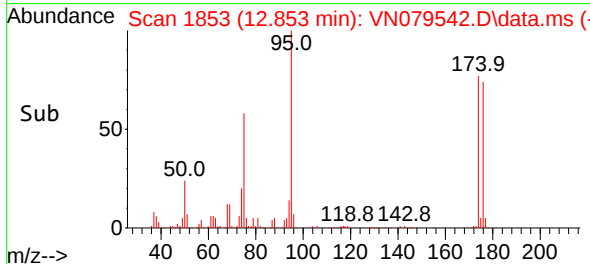
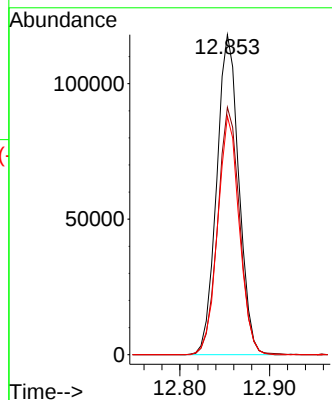
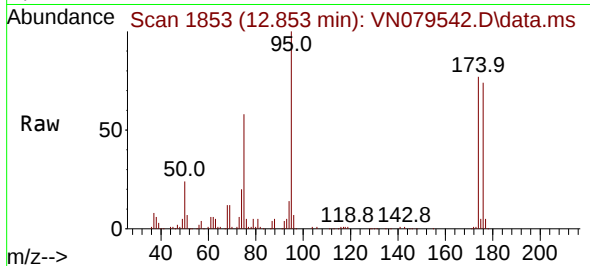




#62
4-Bromofluorobenzene
Concen: 49.334 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079542.D
Acq: 12 Oct 2023 13:59

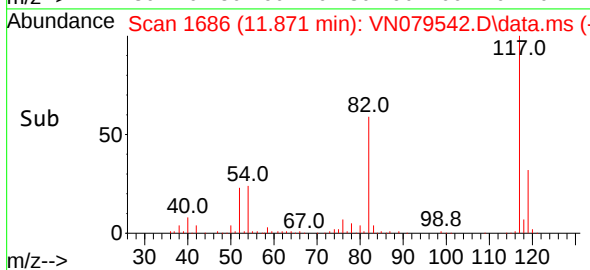
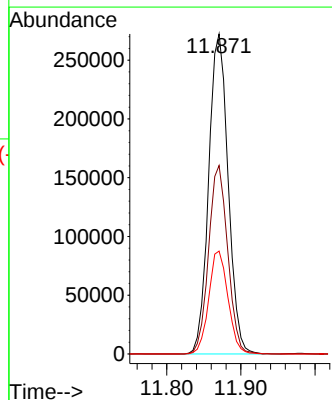
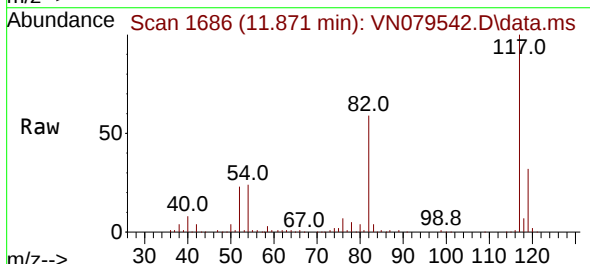
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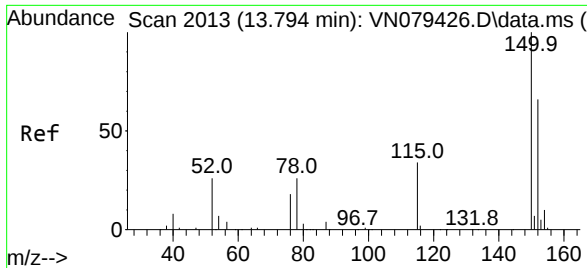
Tgt Ion: 95 Resp: 202590
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 72.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079542.D
Acq: 12 Oct 2023 13:59

Tgt Ion: 117 Resp: 495965
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 32.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079542.D
 Acq: 12 Oct 2023 13:59

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156319TB

Tgt Ion:152 Resp: 148669
 Ion Ratio Lower Upper
 152 100
 115 61.8 32.3 96.8
 150 160.9 0.0 355.8

