

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079450.D
 Acq On : 06 Oct 2023 16:19
 Operator : JC\MD
 Sample : PB156147ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156147ZHE#05

Quant Time: Oct 06 23:05:23 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)

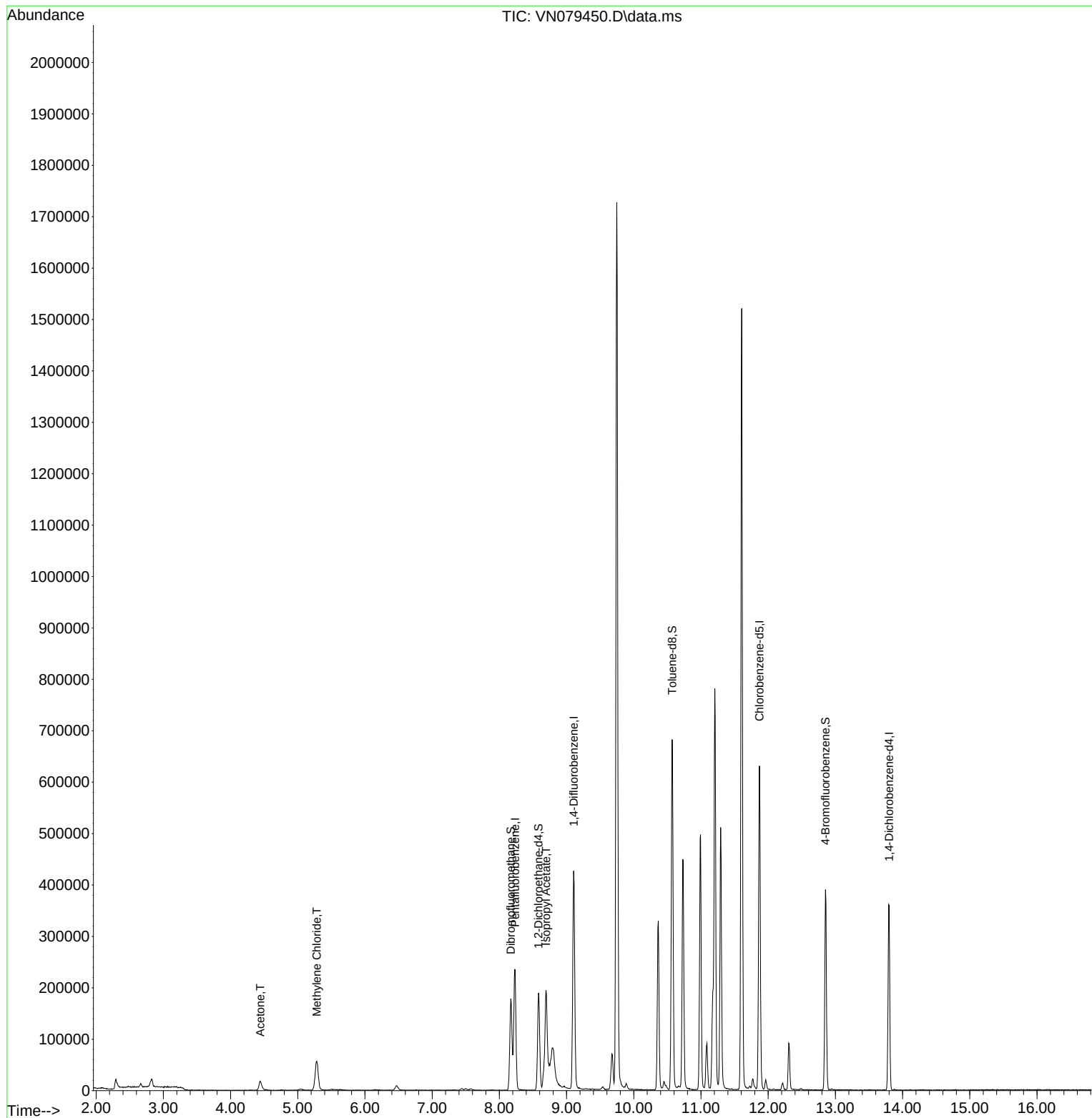
Internal Standards						
1) Pentafluorobenzene	8.236	168	165690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	352013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	351792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	94274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	152155	56.636	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.280%			
35) Dibromofluoromethane	8.171	113	126112	49.853	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.700%			
50) Toluene-d8	10.571	98	464040	50.697	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.400%			
62) 4-Bromofluorobenzene	12.853	95	128491	43.743	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.480%			
Target Compounds						
16) Acetone	4.442	43	32589	30.584	ug/l	93
20) Methylene Chloride	5.283	84	44275	18.596	ug/l #	85
43) Isopropyl Acetate	8.694	43	241297	36.457	ug/l #	72

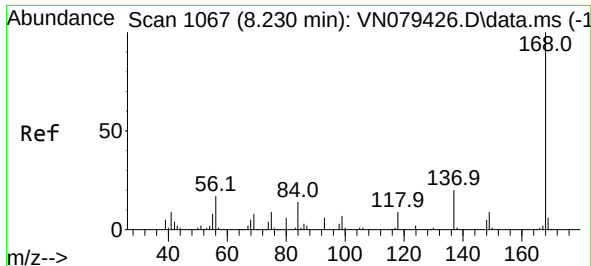
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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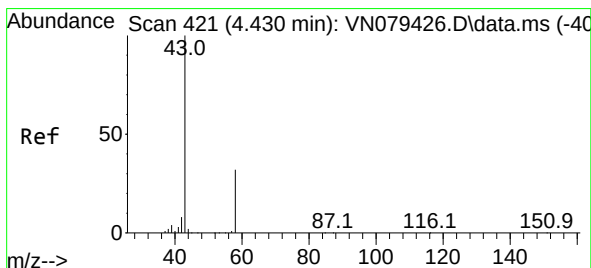
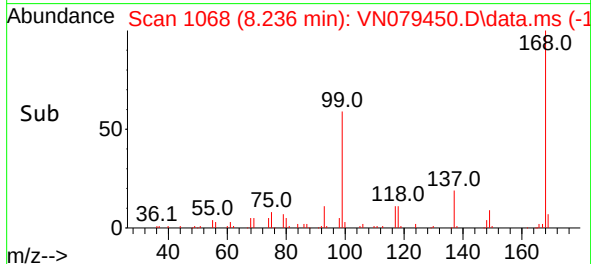
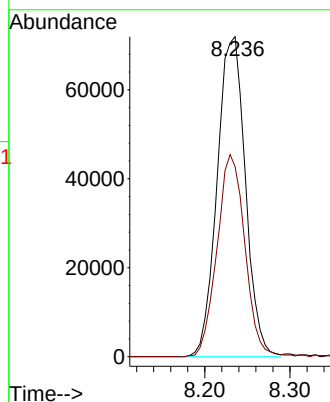
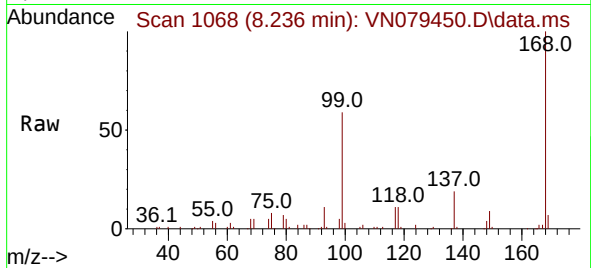




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN079450.D
Acq: 06 Oct 2023 16:19

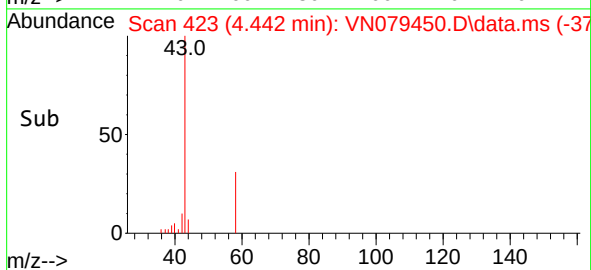
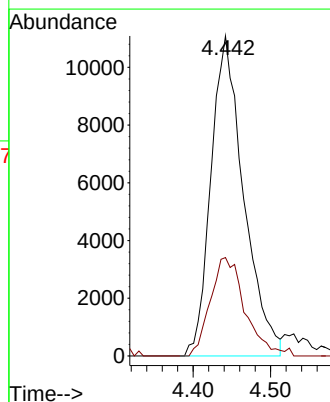
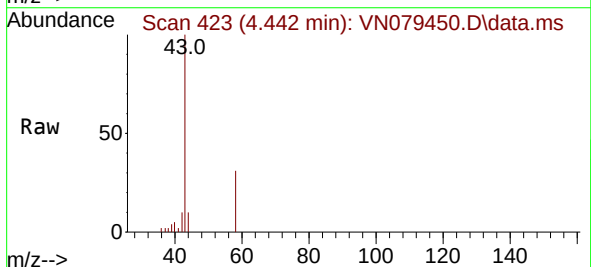
Instrument :
MSVOA_N
ClientSampleId :
PB156147ZHE#05

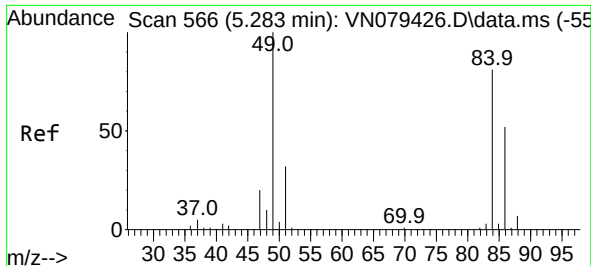
Tgt Ion:168 Resp: 165690
Ion Ratio Lower Upper
168 100
99 59.4 53.0 79.6



#16
Acetone
Concen: 30.584 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079450.D
Acq: 06 Oct 2023 16:19

Tgt Ion: 43 Resp: 32589
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0

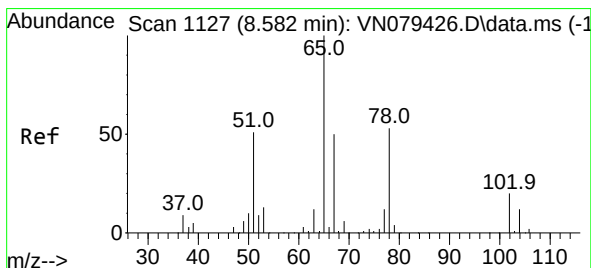
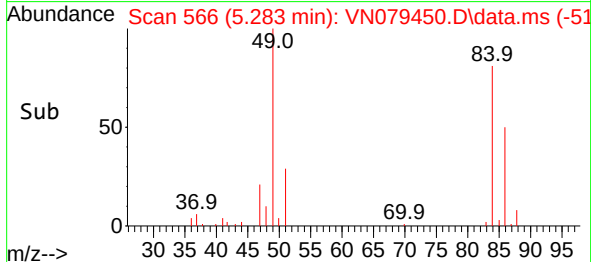
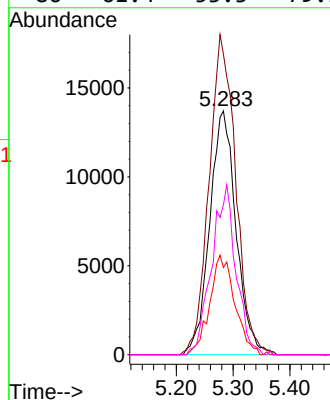
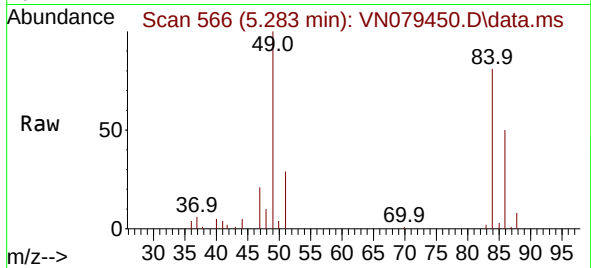




#20
Methylene Chloride
Concen: 18.596 ug/l
RT: 5.283 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN079450.D
Acq: 06 Oct 2023 16:19

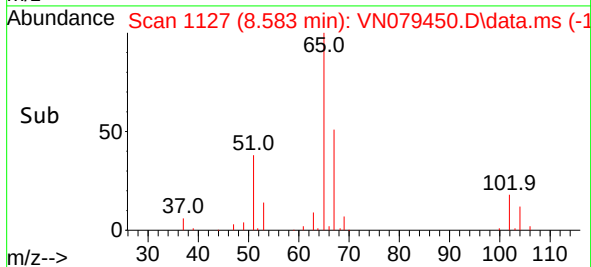
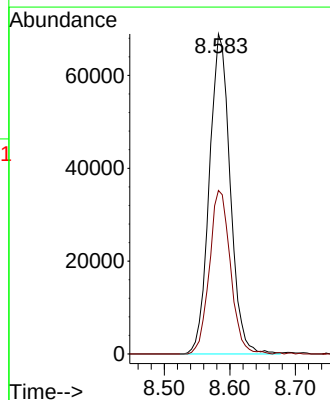
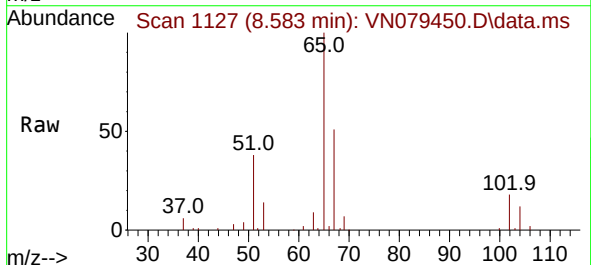
Instrument :
MSVOA_N
ClientSampleId :
PB156147ZHE#05

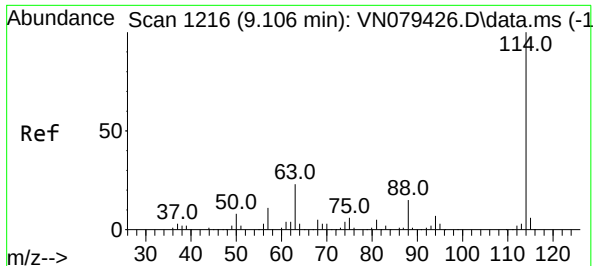
Tgt Ion:	84	Resp:	44275
Ion	Ratio	Lower	Upper
84	100		
49	123.3	79.7	119.5#
51	35.8	25.2	37.8
86	61.4	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 56.636 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079450.D
Acq: 06 Oct 2023 16:19

Tgt Ion:	65	Resp:	152155
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	106.6

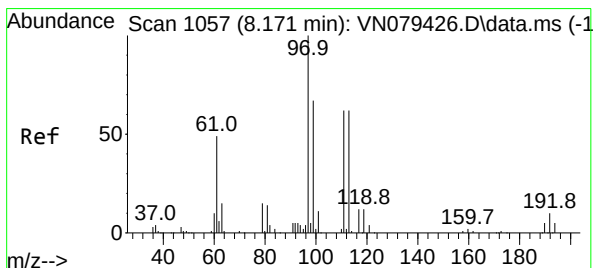
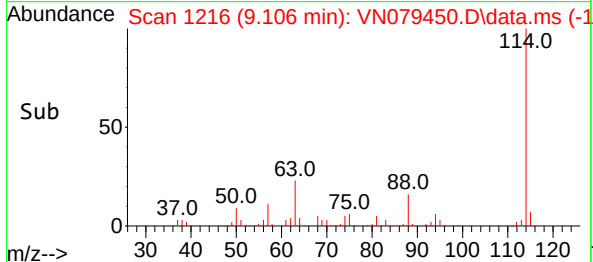
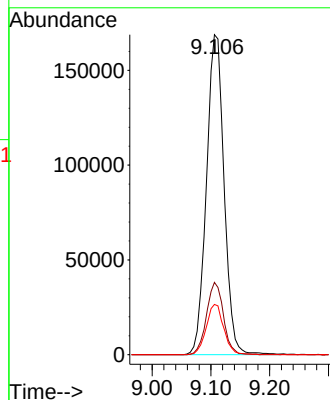
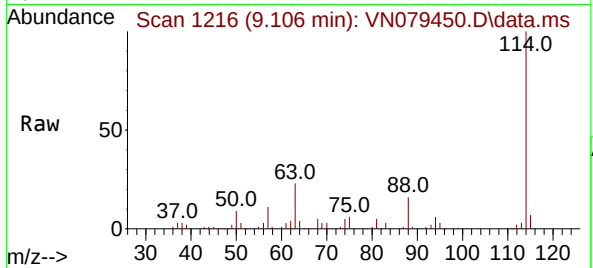




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079450.D
Acq: 06 Oct 2023 16:19

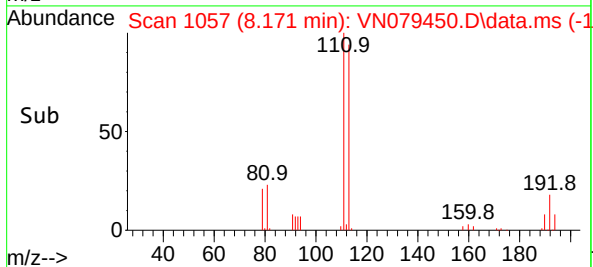
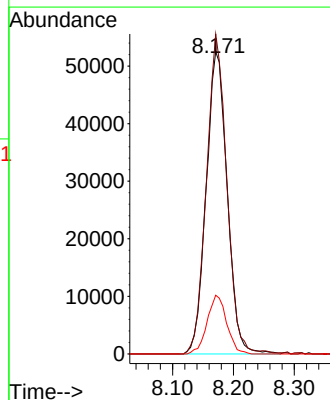
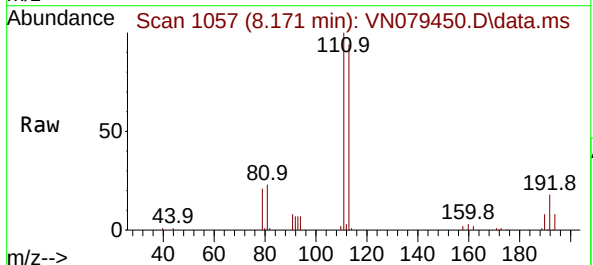
Instrument :
MSVOA_N
ClientSampleId :
PB156147ZHE#05

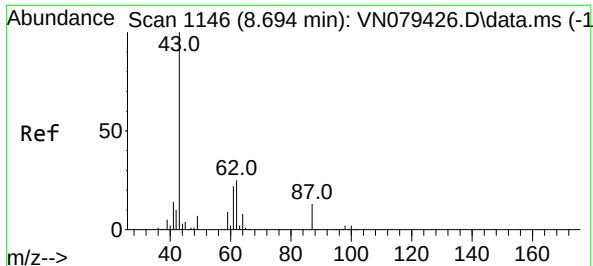
Tgt Ion:114 Resp: 352013
Ion Ratio Lower Upper
114 100
63 22.6 0.0 36.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.853 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079450.D
Acq: 06 Oct 2023 16:19

Tgt Ion:113 Resp: 126112
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 18.0 12.7 19.1

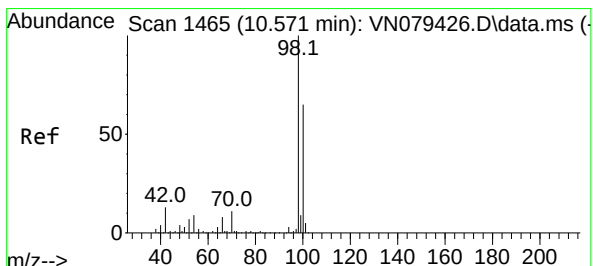
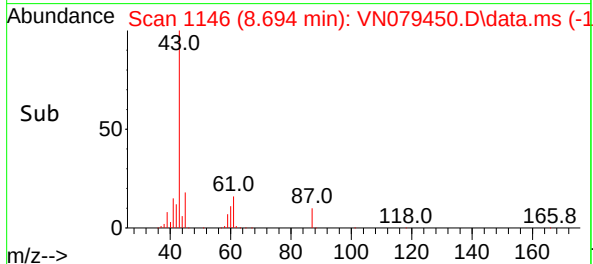
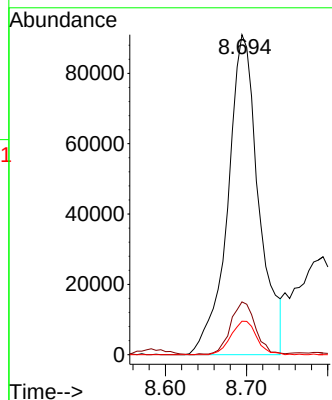
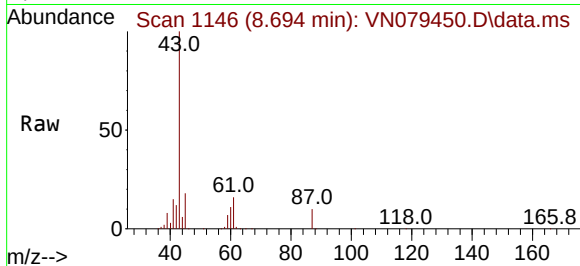




#43
Isopropyl Acetate
Concen: 36.457 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079450.D
Acq: 06 Oct 2023 16:19

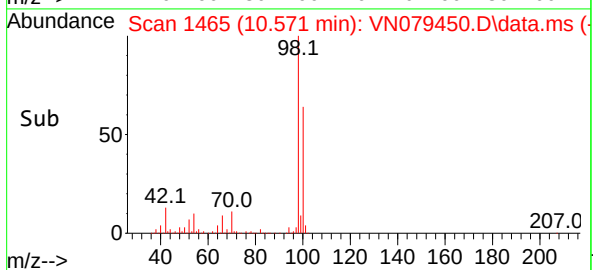
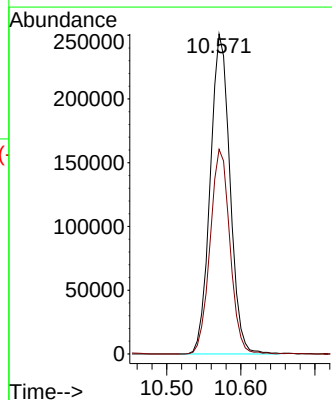
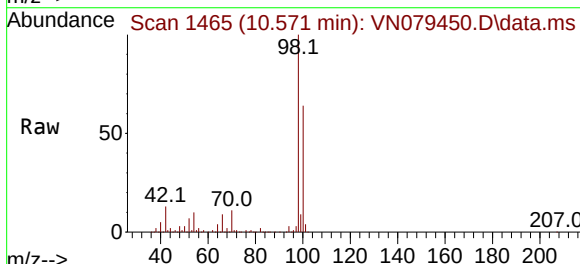
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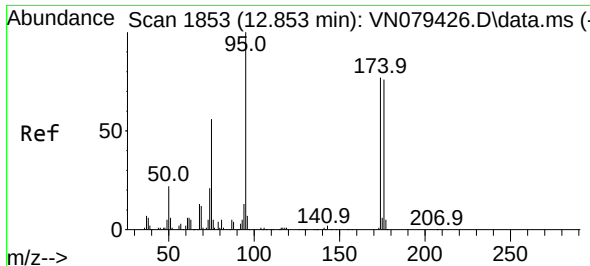
Tgt Ion: 43 Resp: 241297
Ion Ratio Lower Upper
43 100
61 13.3 24.7 37.1#
87 8.7 14.6 21.8#



#50
Toluene-d8
Concen: 50.697 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079450.D
Acq: 06 Oct 2023 16:19

Tgt Ion: 98 Resp: 464040
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

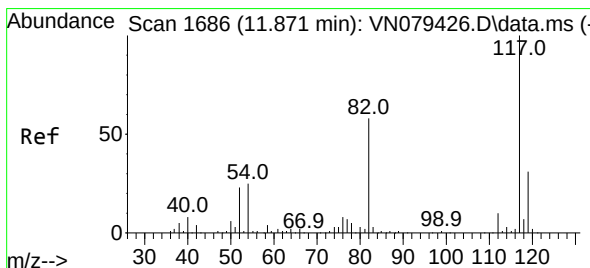
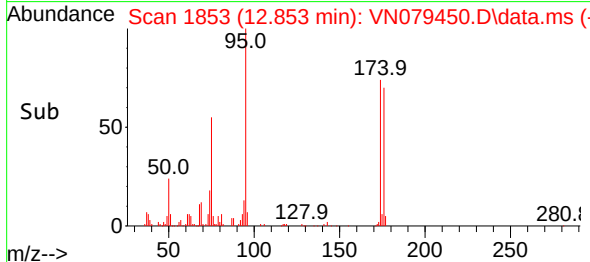
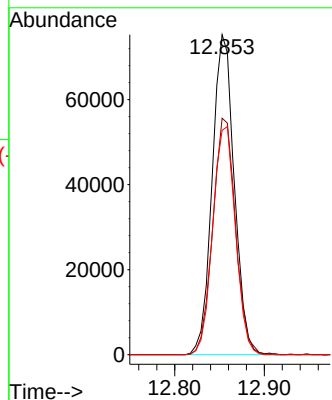
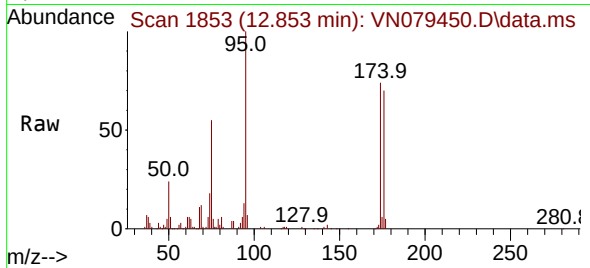




#62
4-Bromofluorobenzene
Concen: 43.743 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079450.D
Acq: 06 Oct 2023 16:19

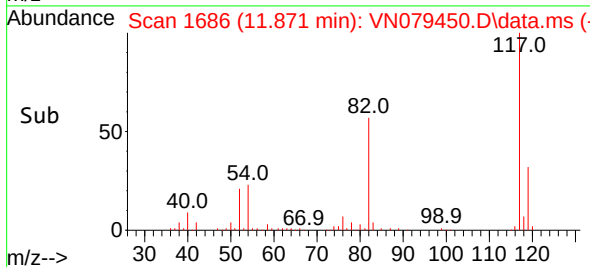
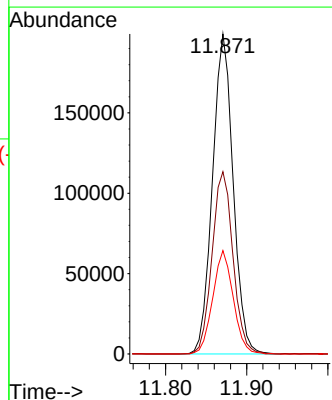
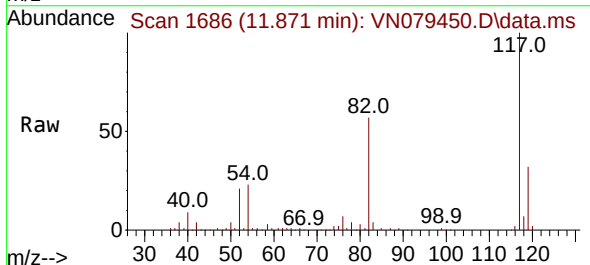
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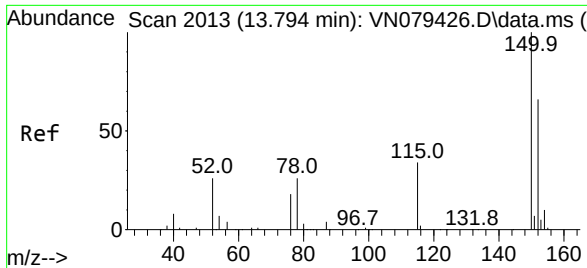
Tgt Ion: 95 Resp: 128491
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 73.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079450.D
Acq: 06 Oct 2023 16:19

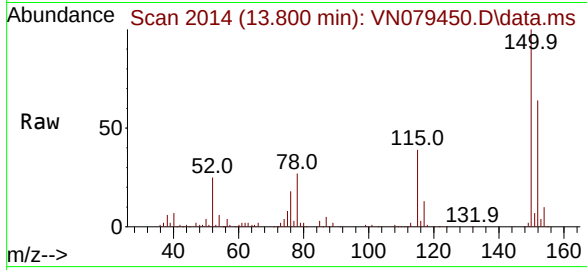
Tgt Ion: 117 Resp: 351792
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079450.D
 Acq: 06 Oct 2023 16:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156147ZHE#05



Tgt Ion:152 Resp: 94274
 Ion Ratio Lower Upper
 152 100
 115 62.6 32.3 96.8
 150 154.8 0.0 355.8

