

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079097.D
 Acq On : 29 Aug 2023 16:30
 Operator : JC\MD
 Sample : PB155153ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155153ZHE#06

Quant Time: Aug 29 23:30:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

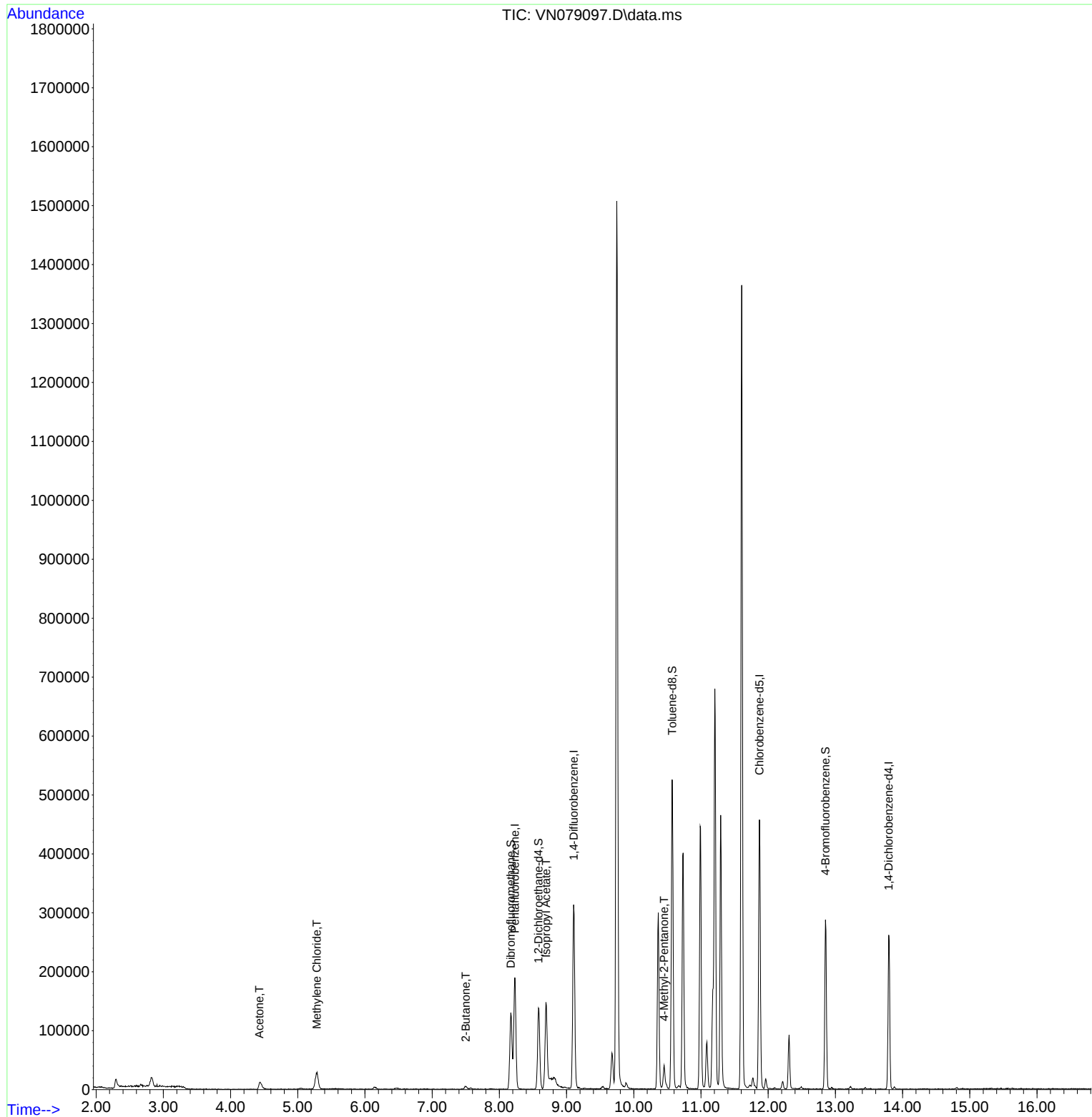
Internal Standards						
1) Pentafluorobenzene	8.230	168	134277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	262163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	256832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	68785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	110489	52.879	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.760%			
35) Dibromofluoromethane	8.171	113	92221	52.257	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.520%			
50) Toluene-d8	10.571	98	347404	53.017	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.040%			
62) 4-Bromofluorobenzene	12.853	95	94094	43.932	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.860%			
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	23975	27.809	ug/l #	73
20) Methylene Chloride	5.283	84	20291	11.044	ug/l #	84
25) 2-Butanone	7.500	43	8497	6.147	ug/l #	58
43) Isopropyl Acetate	8.694	43	172842	32.924	ug/l #	75
51) 4-Methyl-2-Pentanone	10.453	43	33114	10.635	ug/l #	74

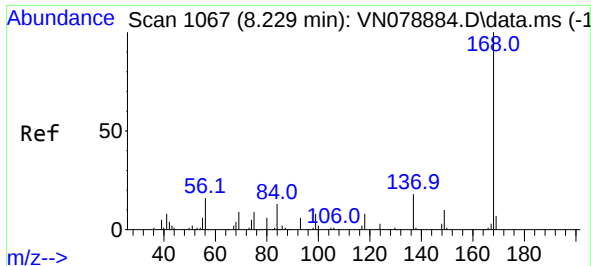
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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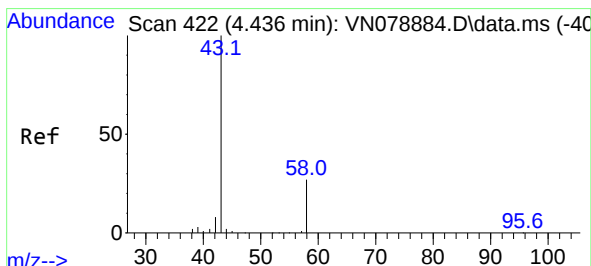
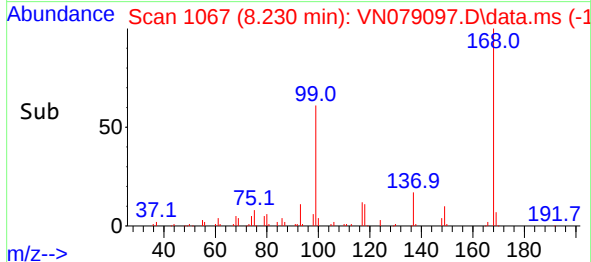
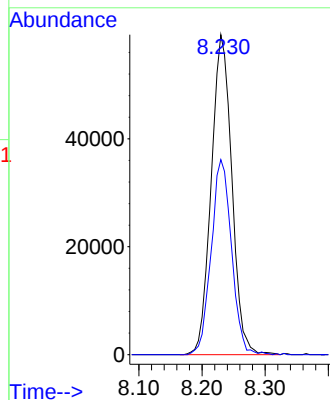
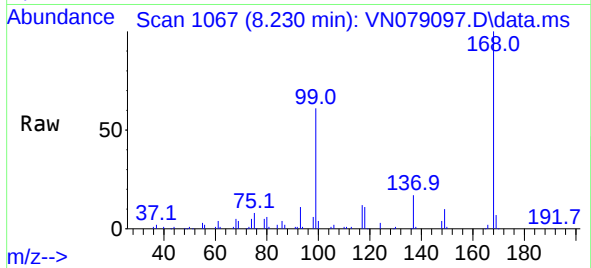




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079097.D
Acq: 29 Aug 2023 16:30

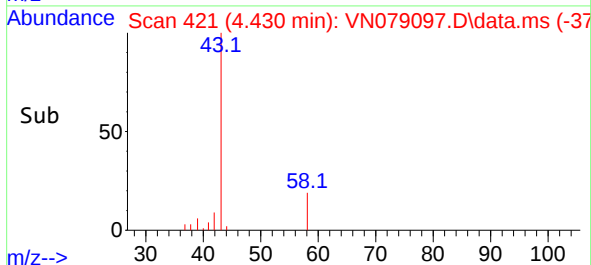
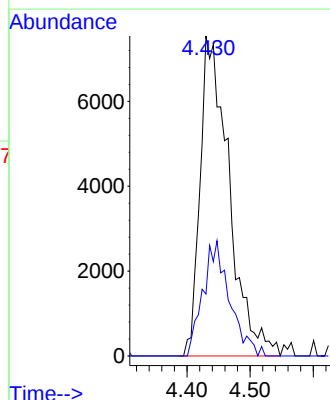
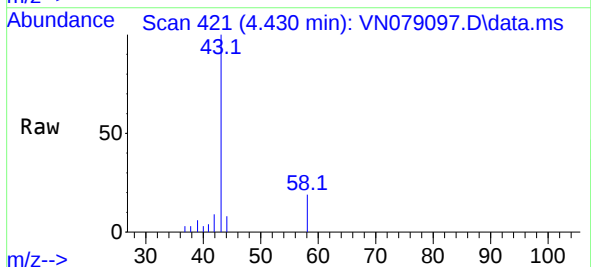
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#06

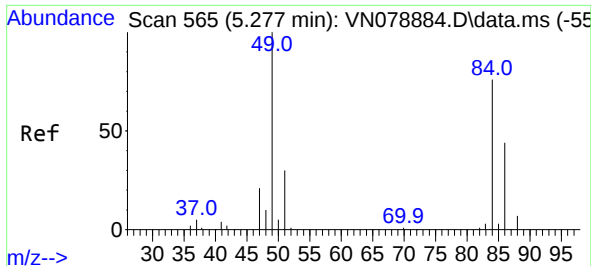
Tgt Ion:168 Resp: 134277
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#16
Acetone
Concen: 27.809 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079097.D
Acq: 29 Aug 2023 16:30

Tgt Ion: 43 Resp: 23975
Ion Ratio Lower Upper
43 100
58 19.3 28.0 42.0#

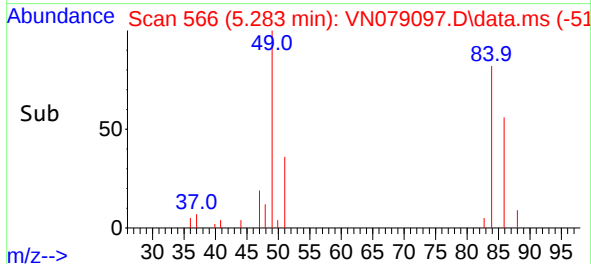
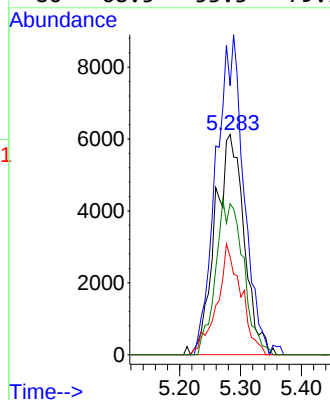
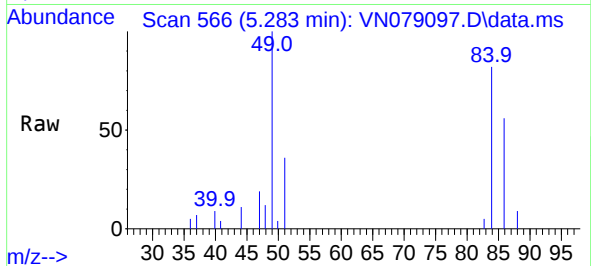




#20
Methylene Chloride
Concen: 11.044 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079097.D
Acq: 29 Aug 2023 16:30

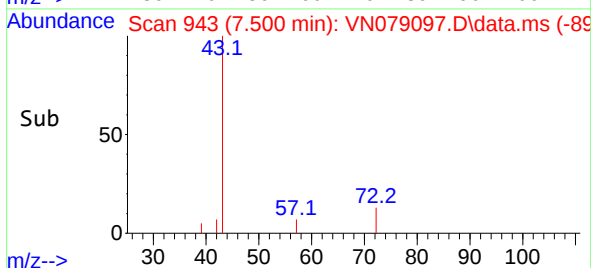
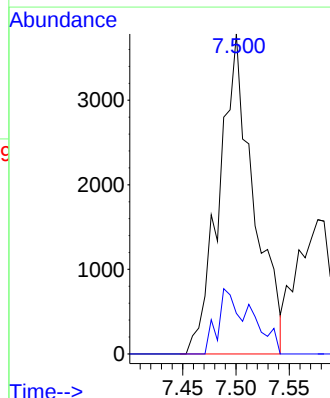
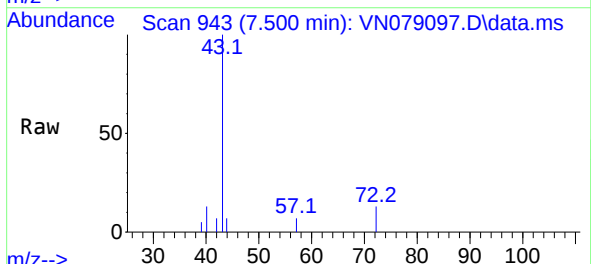
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#06

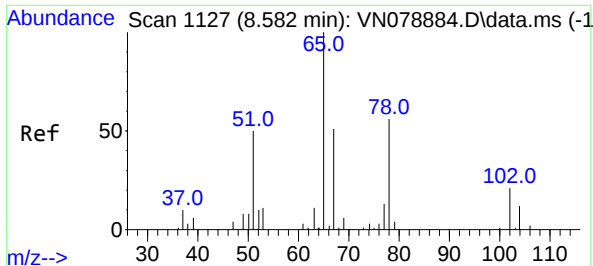
Tgt Ion:	84	Resp:	20291
Ion	Ratio	Lower	Upper
84	100		
49	122.2	79.7	119.5#
51	44.3	25.2	37.8#
86	68.5	53.3	79.9



#25
2-Butanone
Concen: 6.147 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079097.D
Acq: 29 Aug 2023 16:30

Tgt Ion:	43	Resp:	8497
Ion	Ratio	Lower	Upper
43	100		
72	12.7	30.2	45.2#

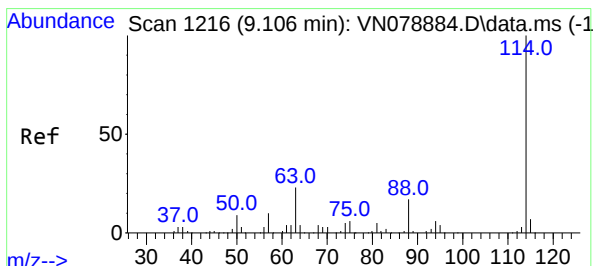
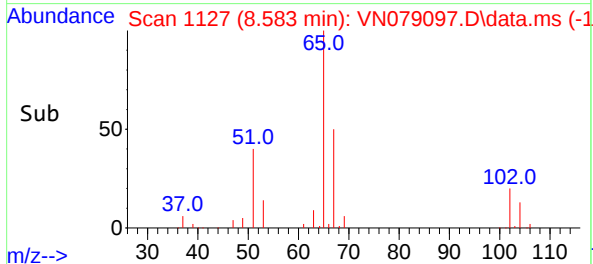
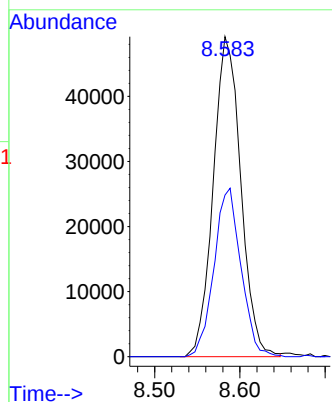
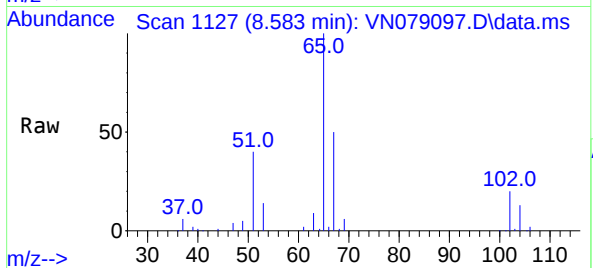




#33
1,2-Dichloroethane-d4
Concen: 52.879 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079097.D
Acq: 29 Aug 2023 16:30

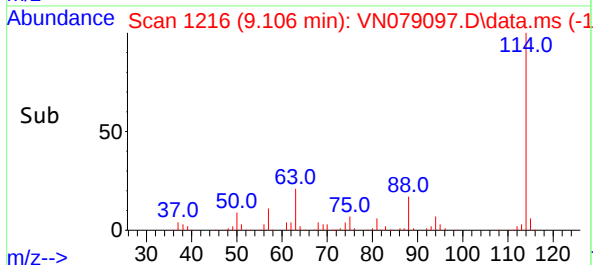
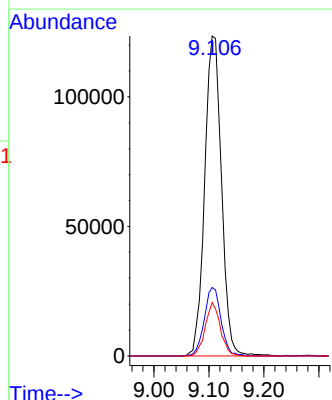
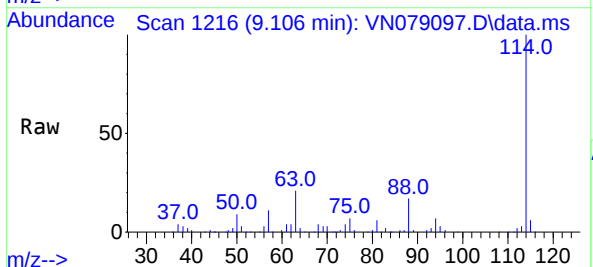
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#06

Tgt Ion: 65 Resp: 110489
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# 1216
Delta R.T. -0.006 min
Lab File: VN079097.D
Acq: 29 Aug 2023 16:30

Tgt Ion: 114 Resp: 262163
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.4
88 16.7 0.0 30.6

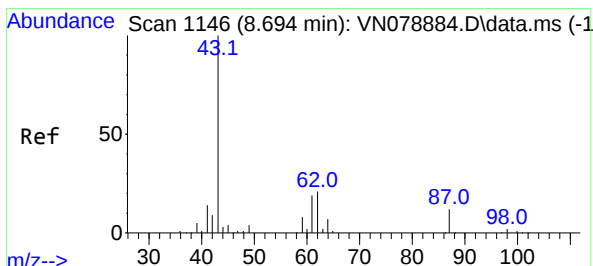
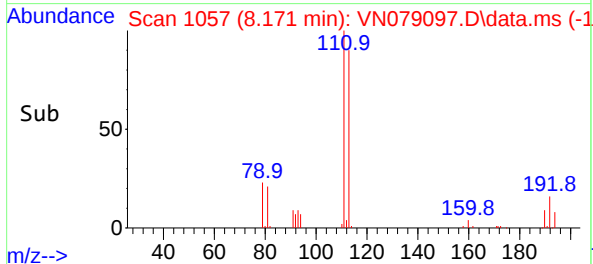
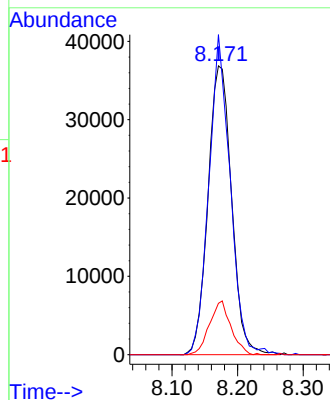
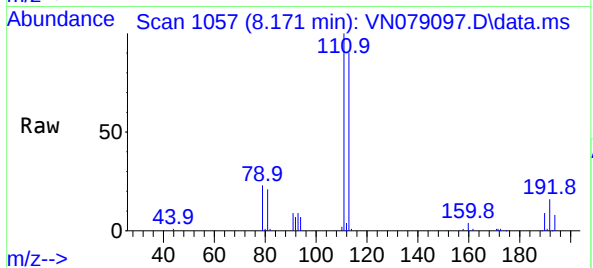




#35
Dibromofluoromethane
Concen: 52.257 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079097.D
Acq: 29 Aug 2023 16:30

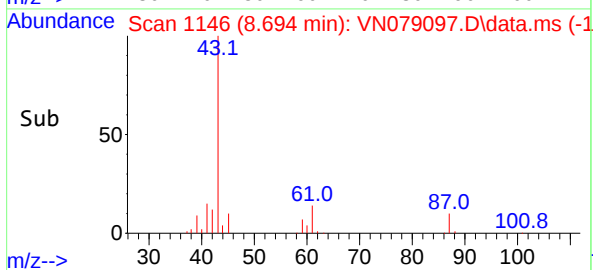
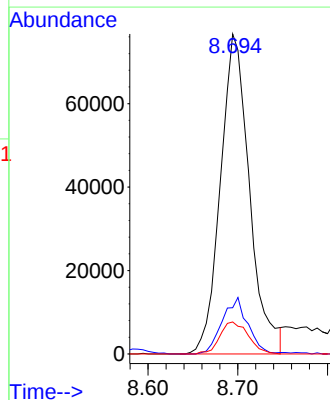
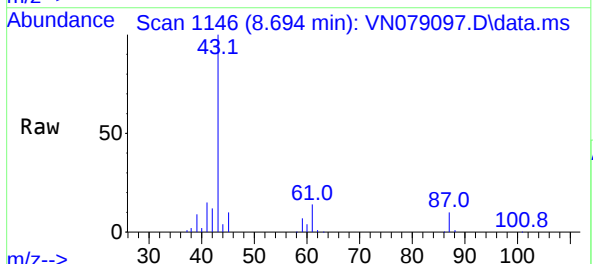
Instrument :
MSVOA_N
ClientSampleId :
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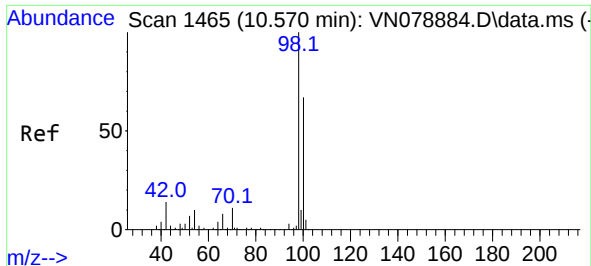
Tgt Ion:113 Resp: 92221
Ion Ratio Lower Upper
113 100
111 99.9 82.6 123.8
192 16.9 12.7 19.1



#43
Isopropyl Acetate
Concen: 32.924 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079097.D
Acq: 29 Aug 2023 16:30

Tgt Ion: 43 Resp: 172842
Ion Ratio Lower Upper
43 100
61 15.7 24.7 37.1#
87 9.8 14.6 21.8#

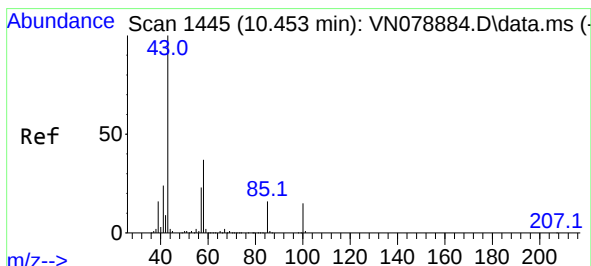
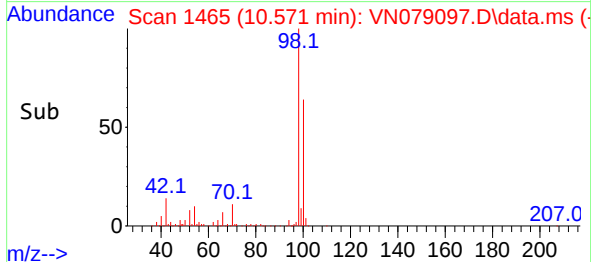
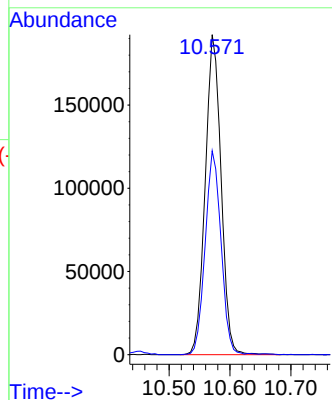
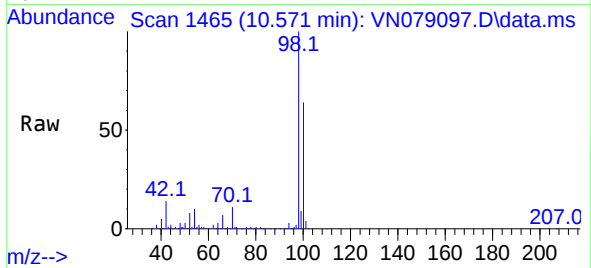




#50
Toluene-d8
Concen: 53.017 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079097.D
Acq: 29 Aug 2023 16:30

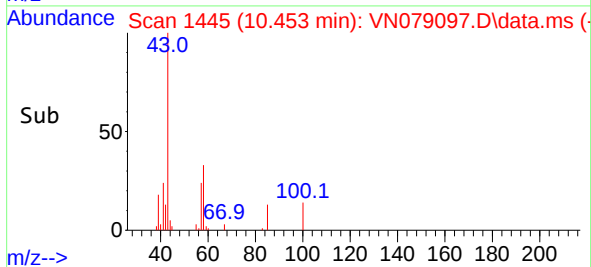
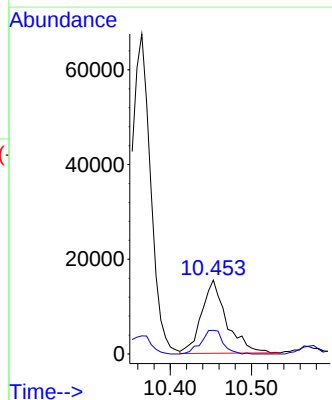
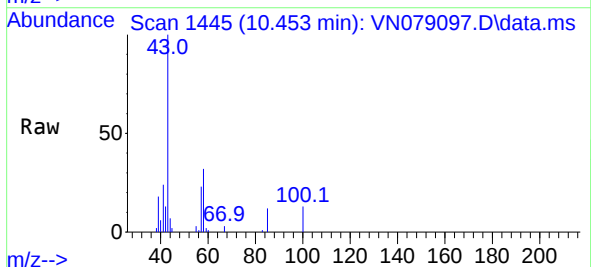
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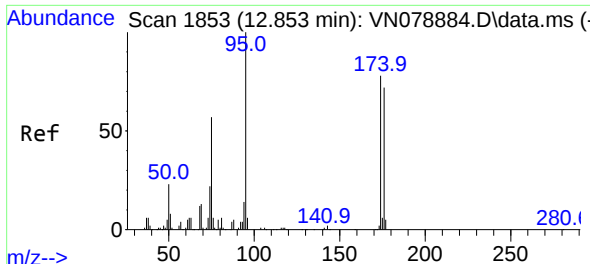
Tgt Ion: 98 Resp: 347404
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 10.635 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079097.D
Acq: 29 Aug 2023 16:30

Tgt Ion: 43 Resp: 33114
Ion Ratio Lower Upper
43 100
58 28.3 36.6 54.8#

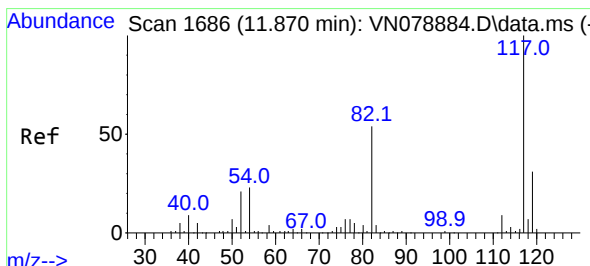
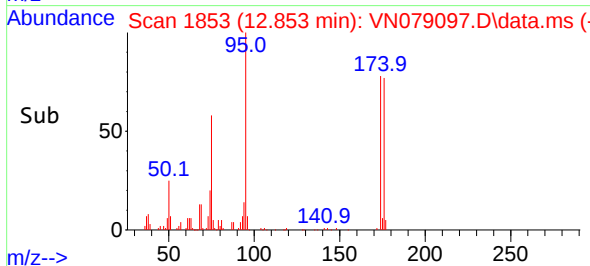
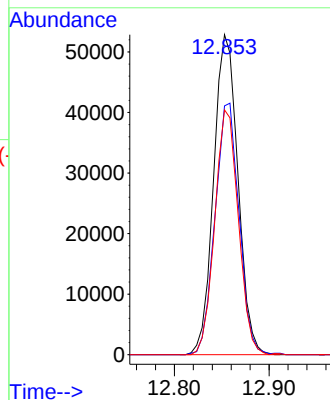
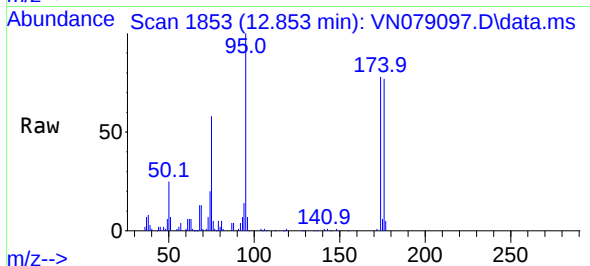




#62
4-Bromofluorobenzene
Concen: 43.932 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079097.D
Acq: 29 Aug 2023 16:30

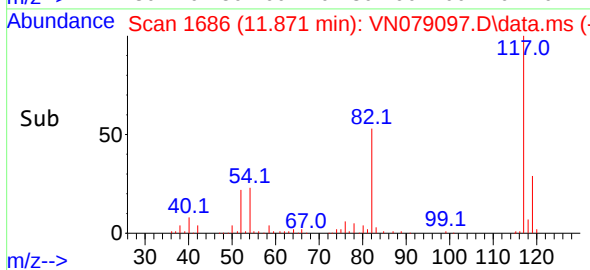
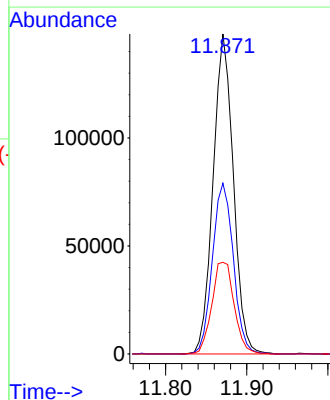
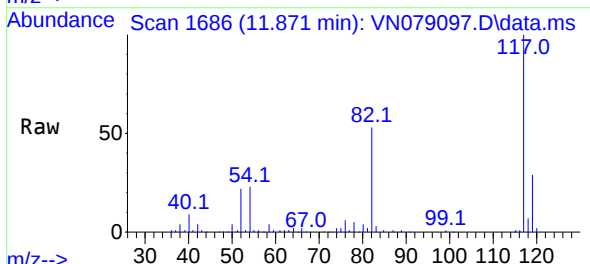
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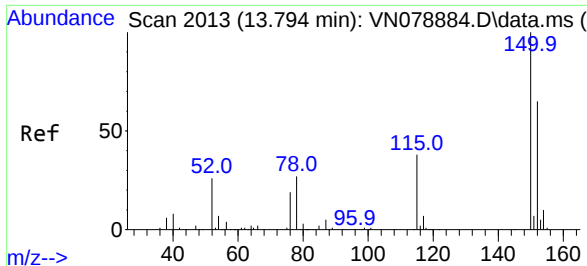
Tgt Ion:	95	Resp:	94094
Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	143.8
176	74.6	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079097.D
Acq: 29 Aug 2023 16:30

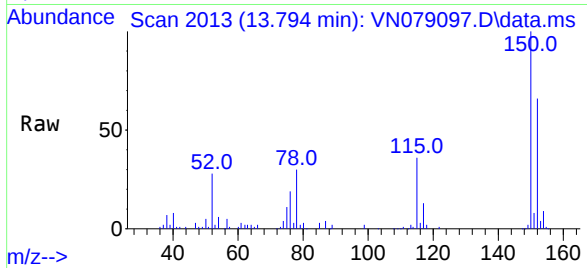
Tgt Ion:	117	Resp:	256832
Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.0	66.0
119	28.7	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079097.D
 Acq: 29 Aug 2023 16:30

Instrument :
 MSVOA_N
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 PB155153ZHE#06



Tgt Ion:152 Resp: 68785
 Ion Ratio Lower Upper
 152 100
 115 58.0 32.3 96.8
 150 154.2 0.0 355.8

