

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079102.D
 Acq On : 29 Aug 2023 18:31
 Operator : JC\MD
 Sample : PB155153ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155153ZHE#11

Quant Time: Aug 29 23:32:00 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)

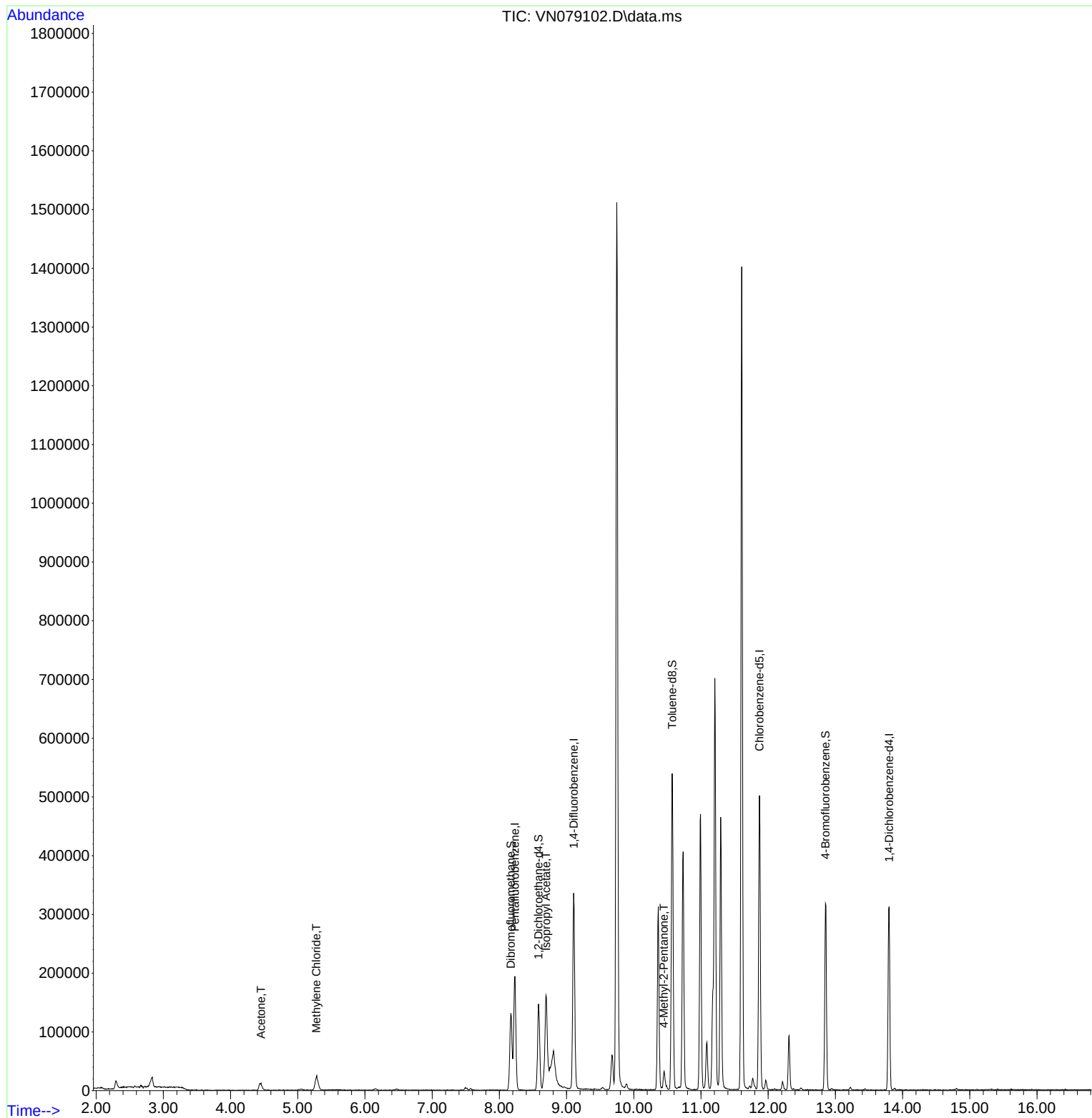
Internal Standards						
1) Pentafluorobenzene	8.229	168	136666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	277765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	84886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116083	54.585	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.180%	
35) Dibromofluoromethane	8.171	113	93828	50.695	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.380%	
50) Toluene-d8	10.570	98	359641	52.332	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.660%	
62) 4-Bromofluorobenzene	12.853	95	106543	47.431	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	24228	27.611	ug/l	94
20) Methylene Chloride	5.277	84	17696	9.463	ug/l #	89
43) Isopropyl Acetate	8.694	43	205175	37.265	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	27008	8.271	ug/l #	71

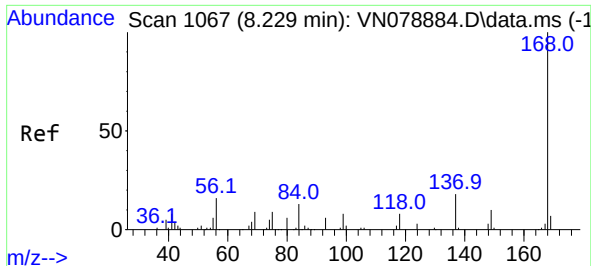
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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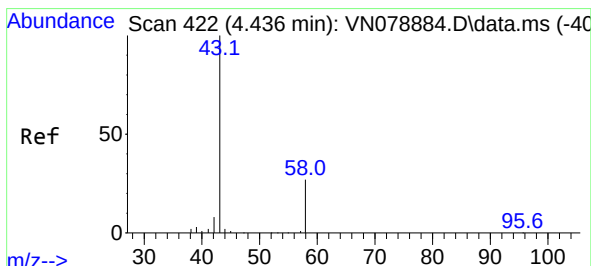
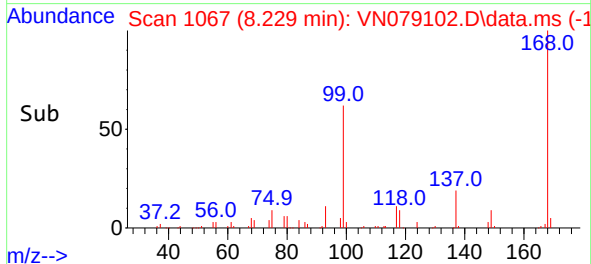
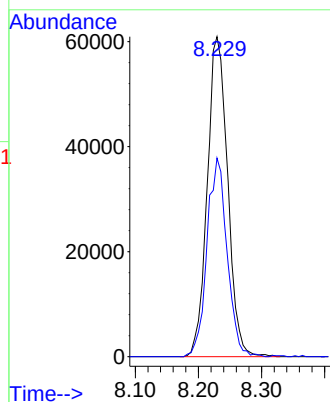
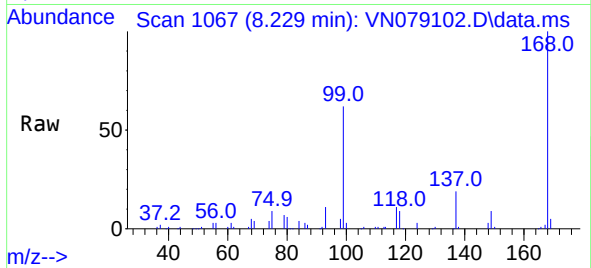




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079102.D
Acq: 29 Aug 2023 18:31

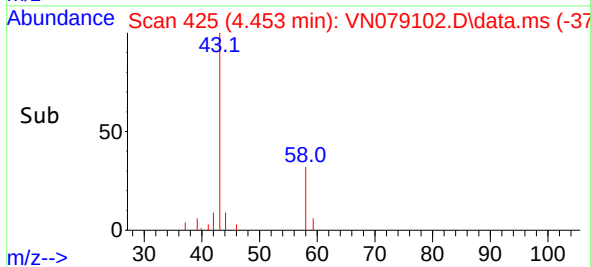
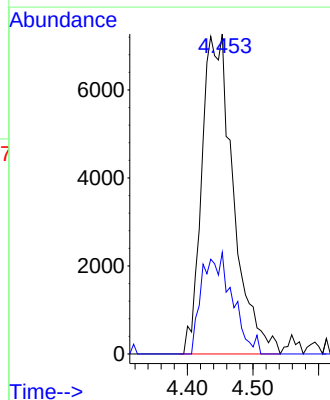
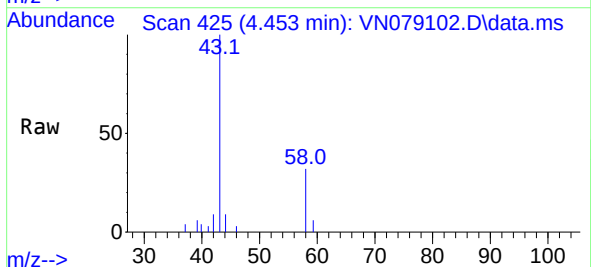
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#11

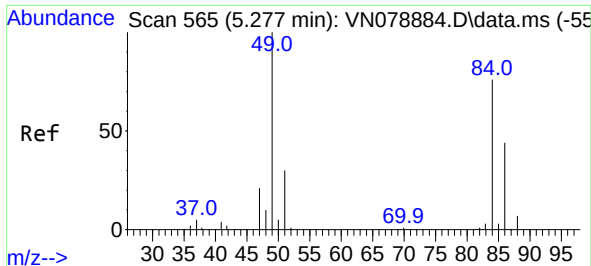
Tgt Ion:168 Resp: 136666
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#16
Acetone
Concen: 27.611 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN079102.D
Acq: 29 Aug 2023 18:31

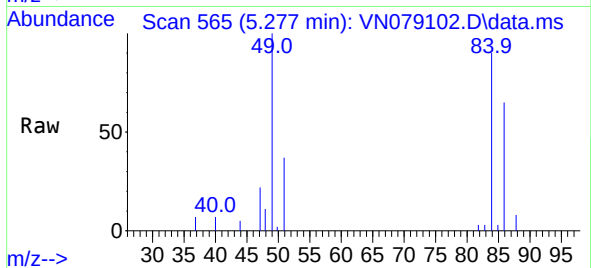
Tgt Ion: 43 Resp: 24228
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0





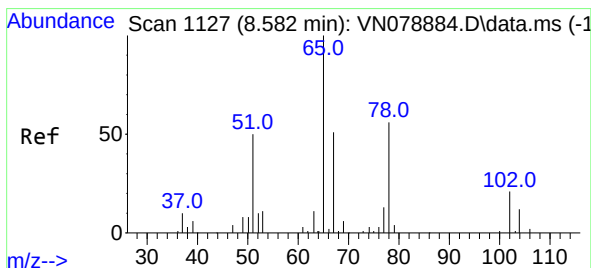
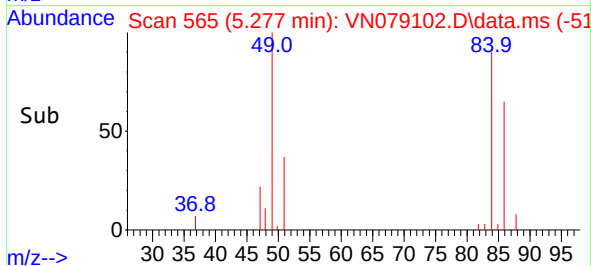
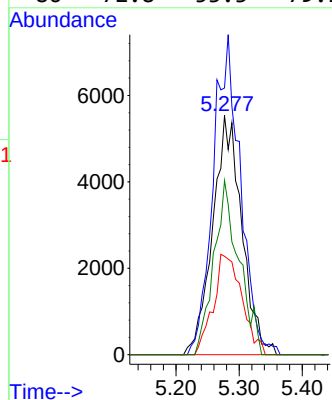
#20
Methylene Chloride
Concen: 9.463 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079102.D
Acq: 29 Aug 2023 18:31

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#11



Tgt Ion: 84 Resp: 17696

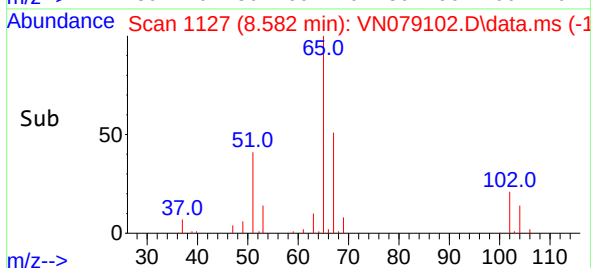
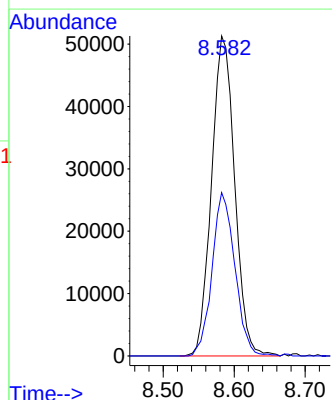
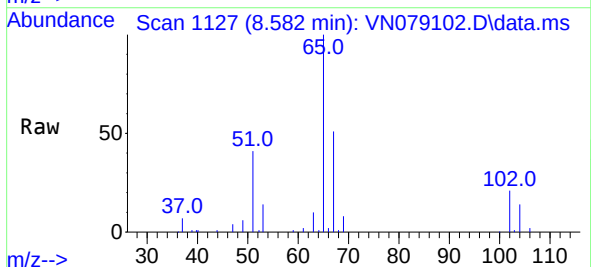
Ion	Ratio	Lower	Upper
84	100		
49	111.5	79.7	119.5
51	41.1	25.2	37.8#
86	72.8	53.3	79.9

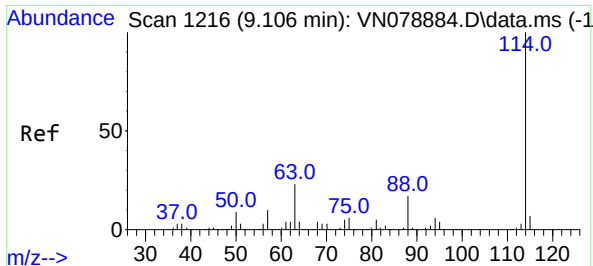


#33
1,2-Dichloroethane-d4
Concen: 54.585 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079102.D
Acq: 29 Aug 2023 18:31

Tgt Ion: 65 Resp: 116083

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	106.6

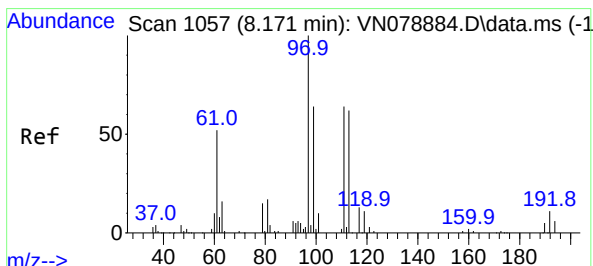
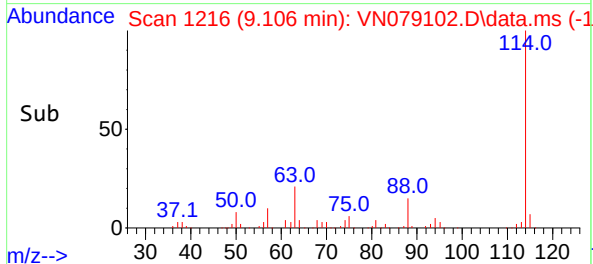
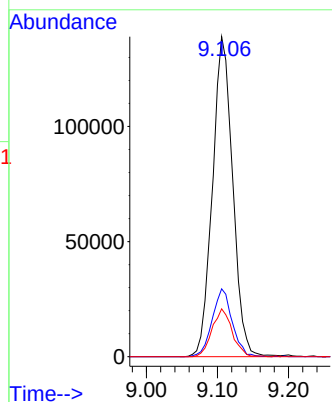
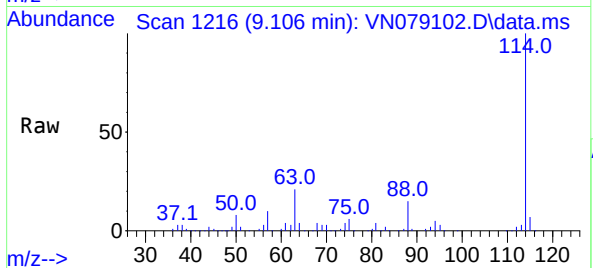




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079102.D
Acq: 29 Aug 2023 18:31

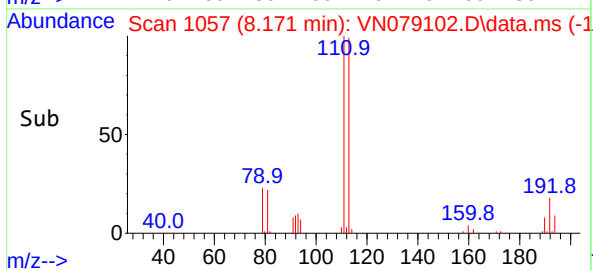
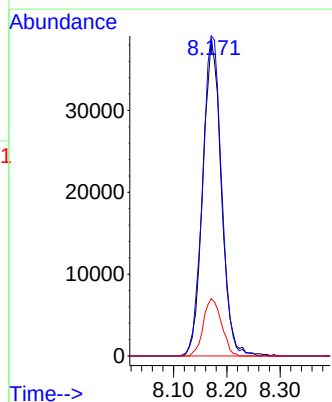
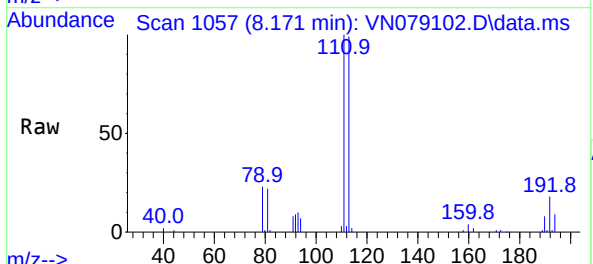
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#11

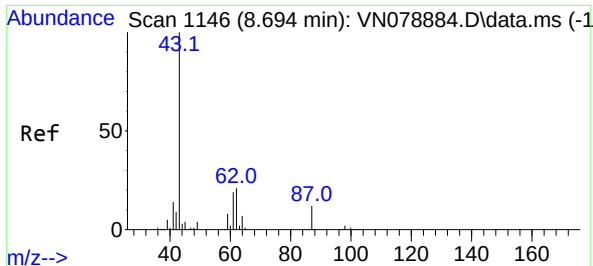
Tgt Ion:114 Resp: 274953
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.695 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079102.D
Acq: 29 Aug 2023 18:31

Tgt Ion:113 Resp: 93828
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 17.6 12.7 19.1

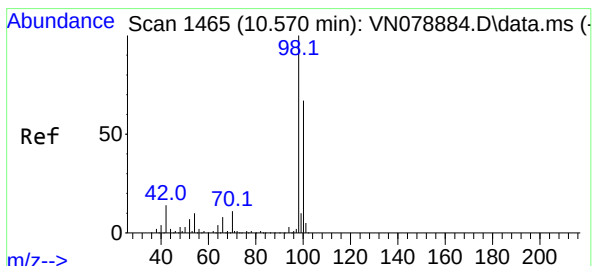
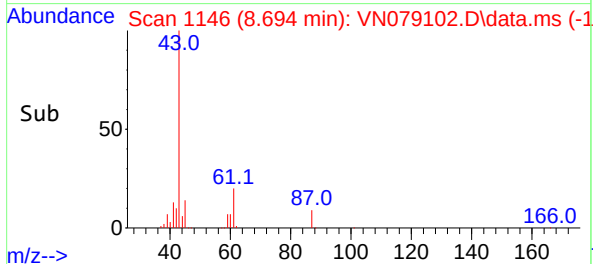
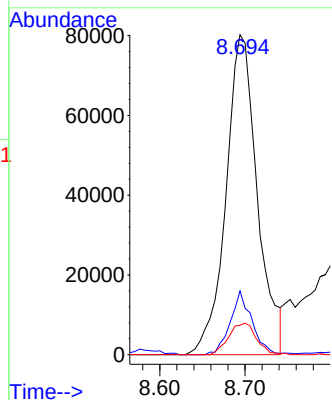
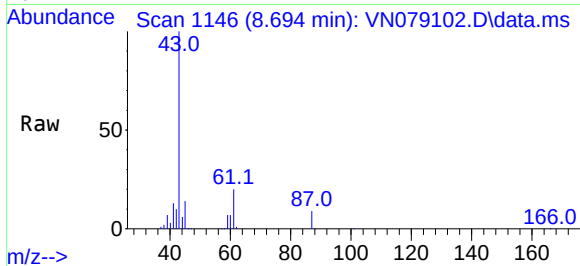




#43
Isopropyl Acetate
Concen: 37.265 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079102.D
Acq: 29 Aug 2023 18:31

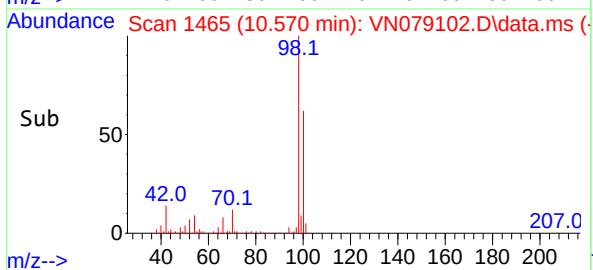
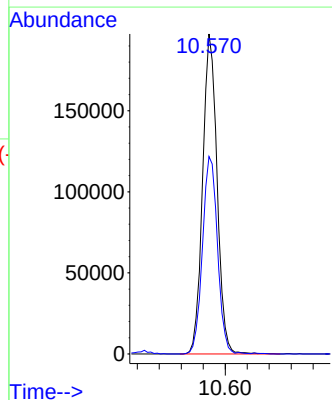
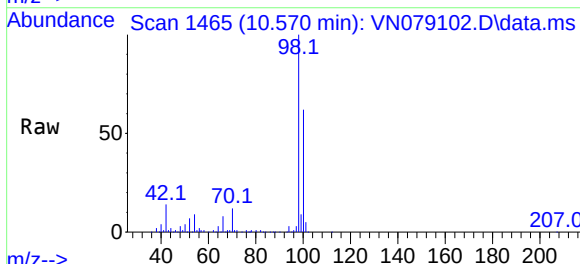
Instrument :
MSVOA_N
ClientSampleId :
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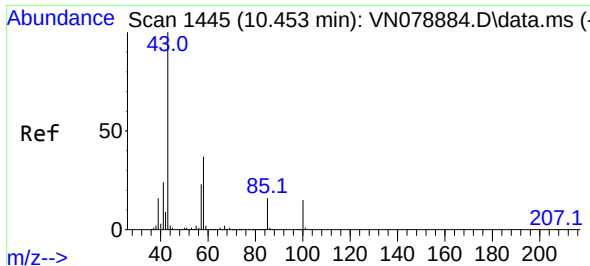
Tgt Ion: 43 Resp: 205175
Ion Ratio Lower Upper
43 100
61 14.0 24.7 37.1#
87 8.7 14.6 21.8#



#50
Toluene-d8
Concen: 52.332 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079102.D
Acq: 29 Aug 2023 18:31

Tgt Ion: 98 Resp: 359641
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

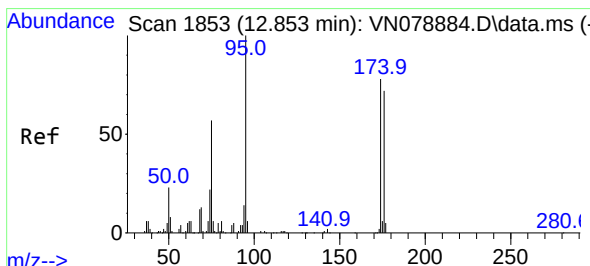
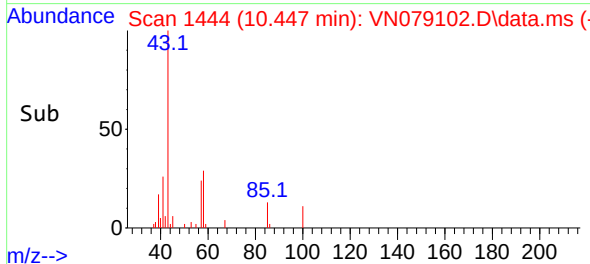
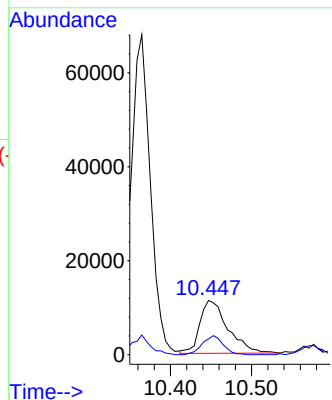
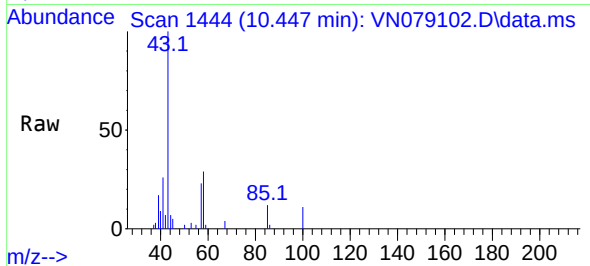




#51
4-Methyl-2-Pentanone
Concen: 8.271 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079102.D
Acq: 29 Aug 2023 18:31

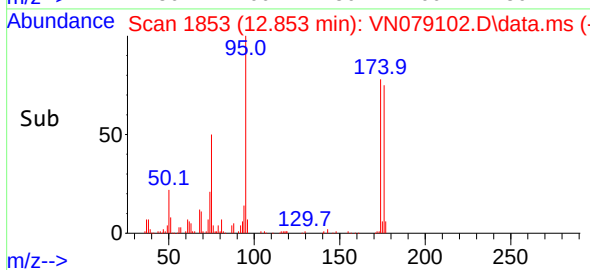
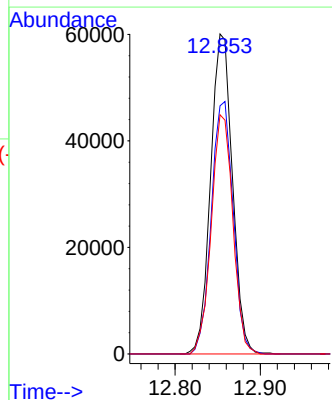
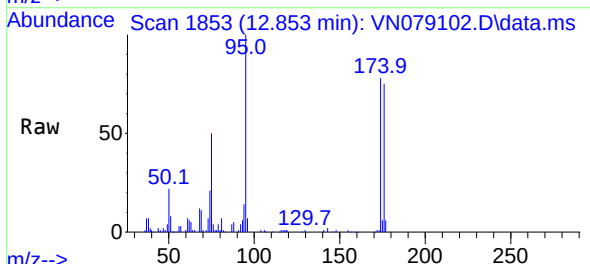
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#11

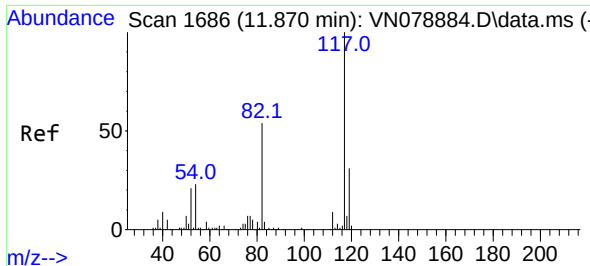
Tgt Ion: 43 Resp: 27008
Ion Ratio Lower Upper
43 100
58 26.6 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 47.431 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079102.D
Acq: 29 Aug 2023 18:31

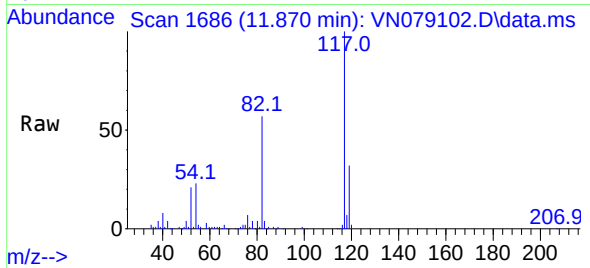
Tgt Ion: 95 Resp: 106543
Ion Ratio Lower Upper
95 100
174 79.1 0.0 143.8
176 74.1 0.0 135.8



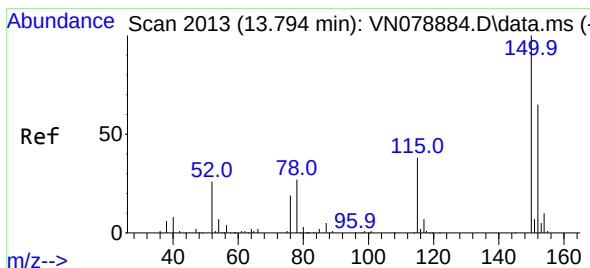
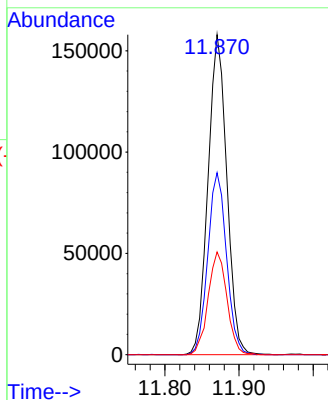
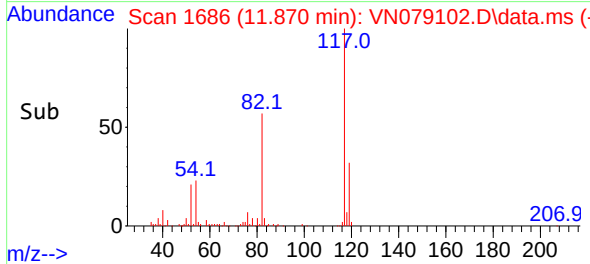


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN079102.D
Acq: 29 Aug 2023 18:31

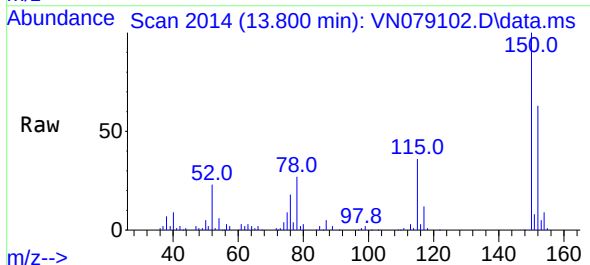
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#11



Tgt Ion:117 Resp: 277765
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079102.D
Acq: 29 Aug 2023 18:31



Tgt Ion:152 Resp: 84886
Ion Ratio Lower Upper
152 100
115 59.4 32.3 96.8
150 155.6 0.0 355.8

