

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
 Data File : VN078977.D
 Acq On : 21 Aug 2023 16:09
 Operator : JC\MD
 Sample : 04082-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 362

Quant Time: Aug 22 00:58:43 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)

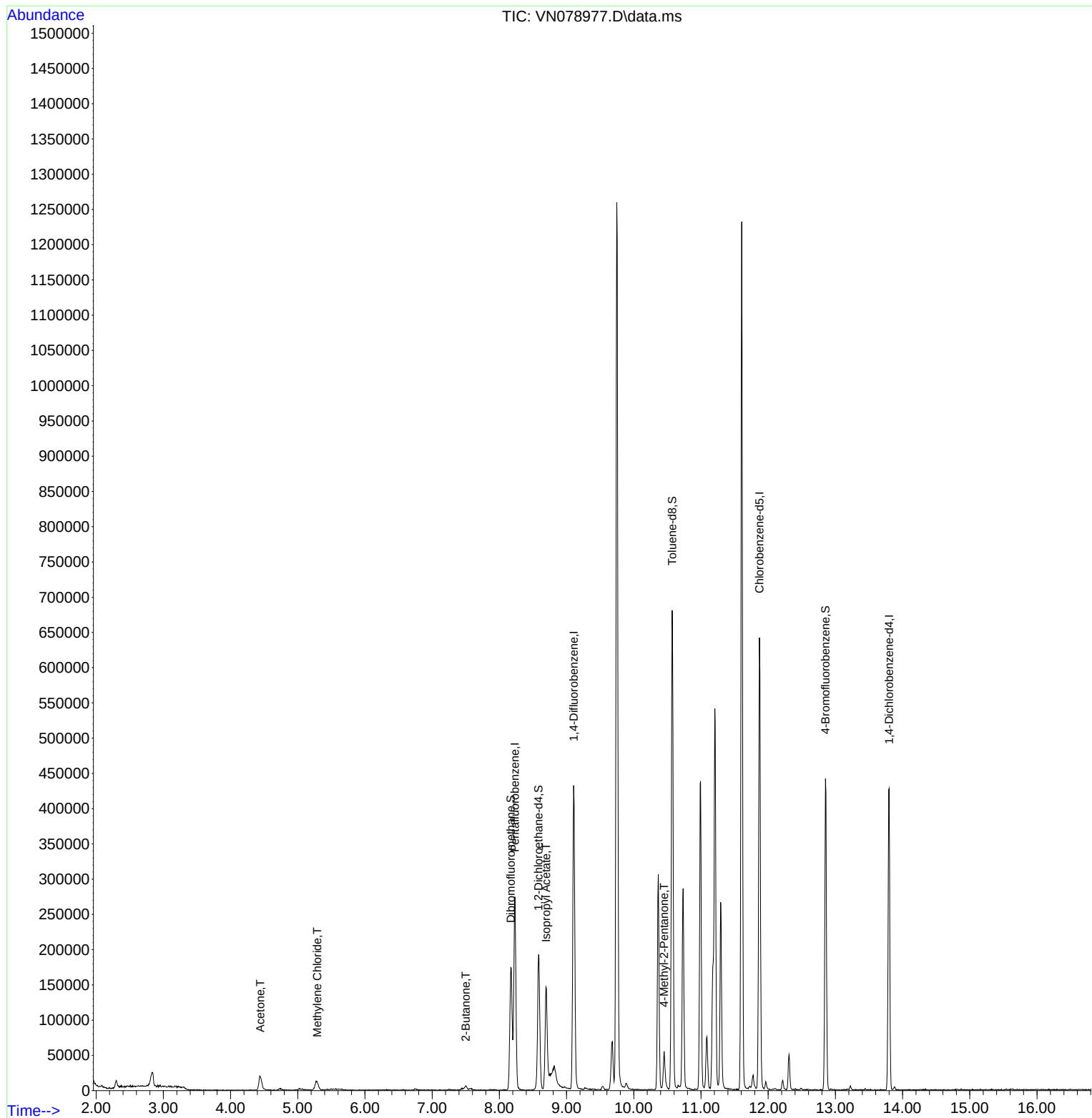
Internal Standards						
1) Pentafluorobenzene	8.230	168	190367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	359078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	357338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	112726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	153031	51.660	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.320%	
35) Dibromofluoromethane	8.171	113	124461	51.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.980%	
50) Toluene-d8	10.571	98	457952	51.025	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.060%	
62) 4-Bromofluorobenzene	12.853	95	142634	48.621	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.240%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	38571	31.557	ug/l	88
20) Methylene Chloride	5.289	84	9514	3.653	ug/l #	84
25) 2-Butanone	7.500	43	10551	5.384	ug/l #	63
43) Isopropyl Acetate	8.694	43	170665	23.735	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	40466	9.489	ug/l #	76

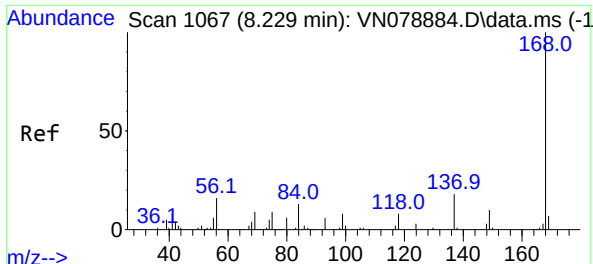
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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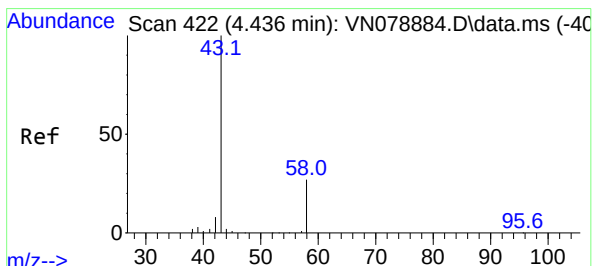
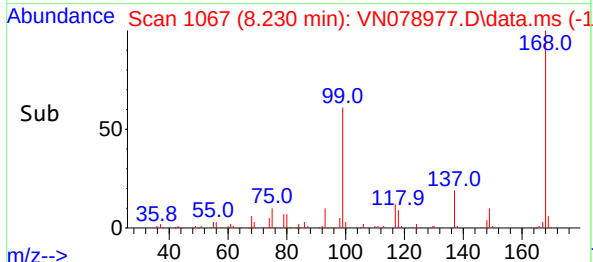
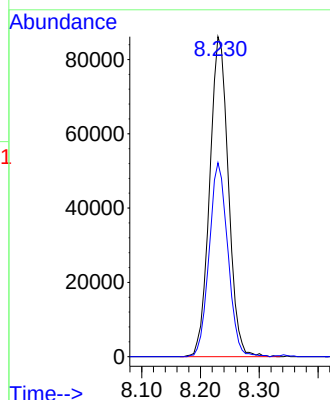
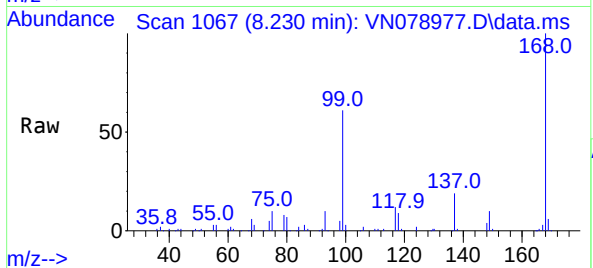




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078977.D
Acq: 21 Aug 2023 16:09

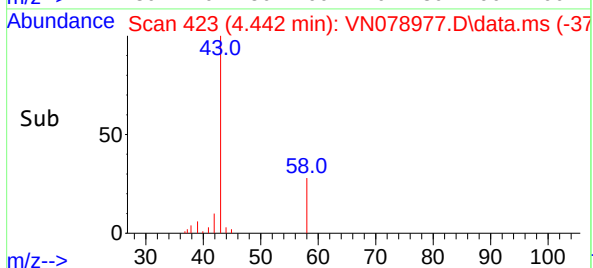
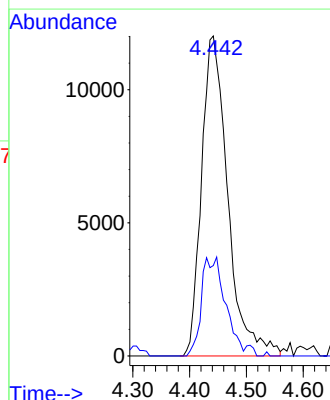
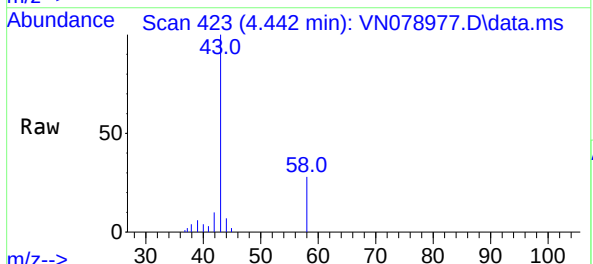
Instrument :
MSVOA_N
ClientSampleId :
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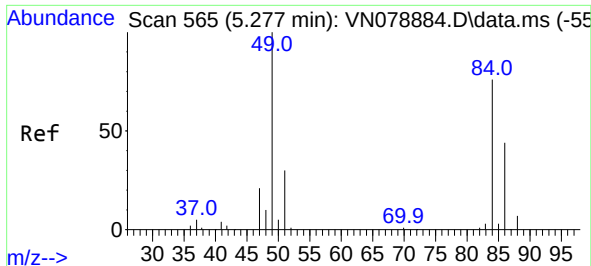
Tgt Ion:168 Resp: 190367
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#16
Acetone
Concen: 31.557 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078977.D
Acq: 21 Aug 2023 16:09

Tgt Ion: 43 Resp: 38571
Ion Ratio Lower Upper
43 100
58 28.3 28.0 42.0



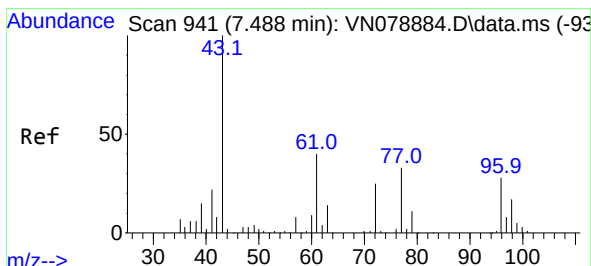
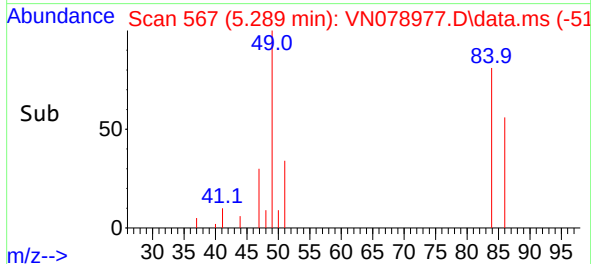
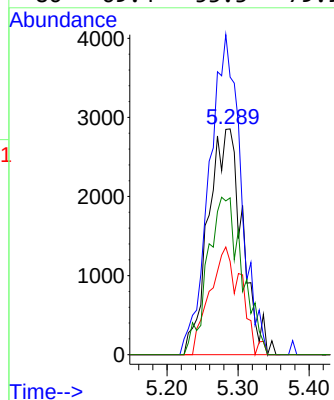
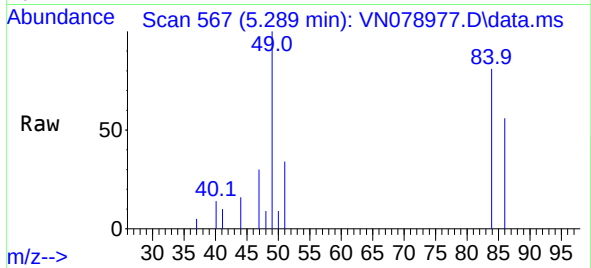


#20
Methylene Chloride
Concen: 3.653 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078977.D
Acq: 21 Aug 2023 16:09

Instrument :
MSVOA_N
ClientSampleId :
362

Tgt Ion: 84 Resp: 9514

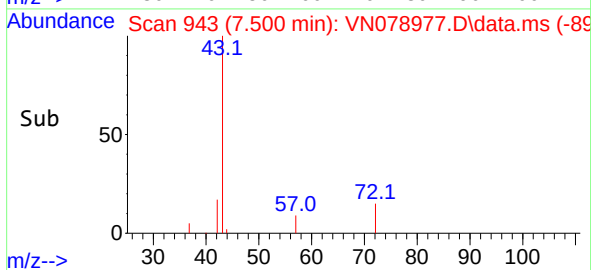
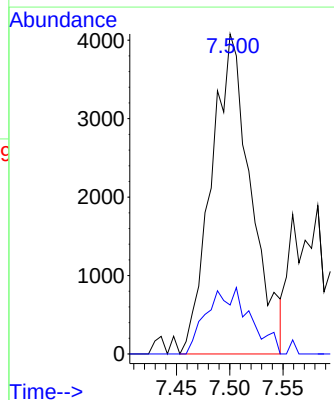
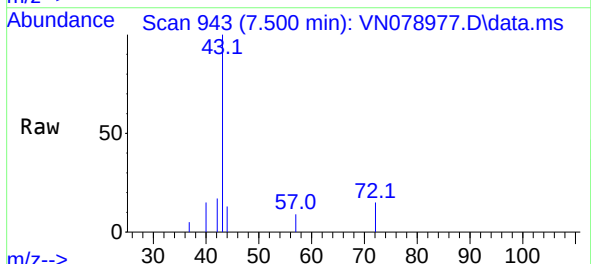
Ion	Ratio	Lower	Upper
84	100		
49	123.0	79.7	119.5#
51	41.2	25.2	37.8#
86	69.4	53.3	79.9

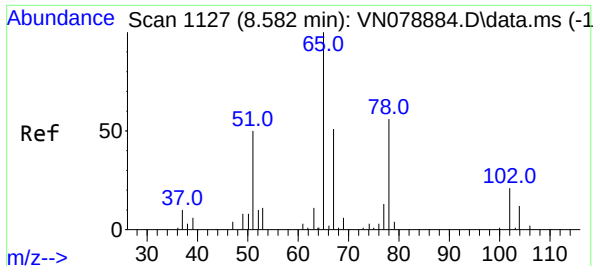


#25
2-Butanone
Concen: 5.384 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078977.D
Acq: 21 Aug 2023 16:09

Tgt Ion: 43 Resp: 10551

Ion	Ratio	Lower	Upper
43	100		
72	15.3	30.2	45.2#

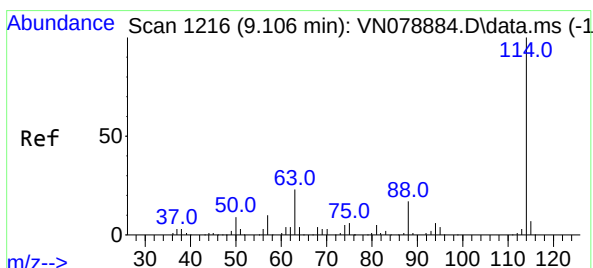
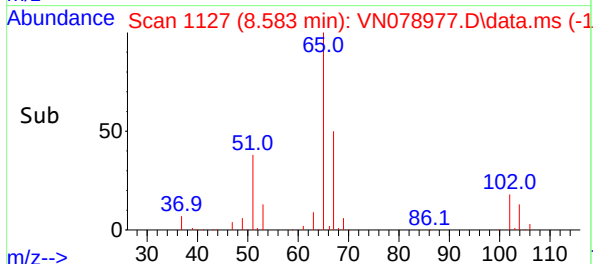
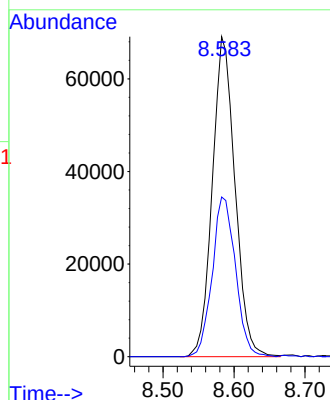
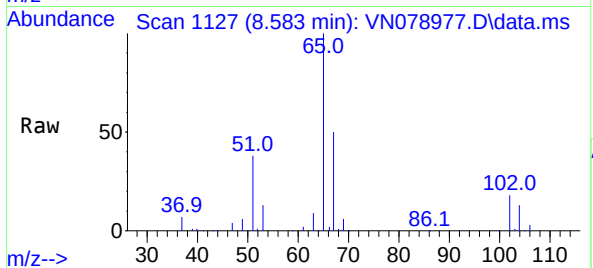




#33
1,2-Dichloroethane-d4
Concen: 51.660 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078977.D
Acq: 21 Aug 2023 16:09

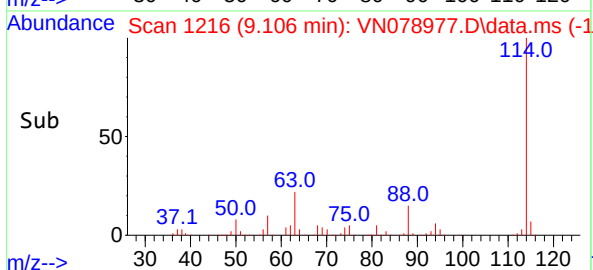
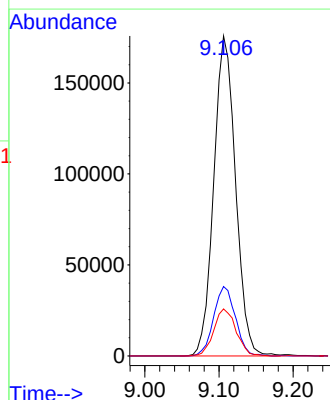
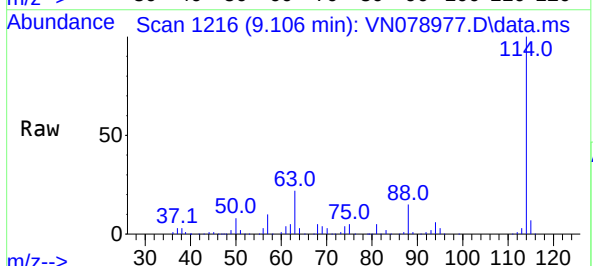
Instrument :
MSVOA_N
ClientSampleId :
362

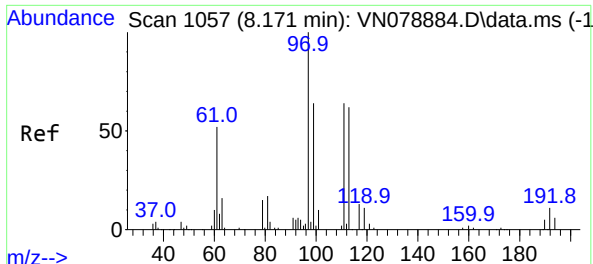
Tgt Ion: 65 Resp: 153031
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078977.D
Acq: 21 Aug 2023 16:09

Tgt Ion: 114 Resp: 359078
Ion Ratio Lower Upper
114 100
63 21.7 0.0 36.4
88 14.7 0.0 30.6

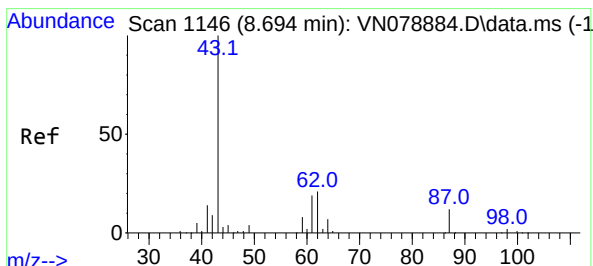
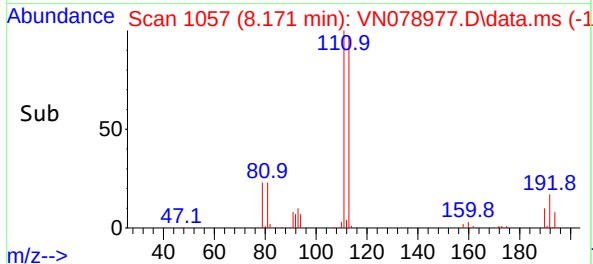
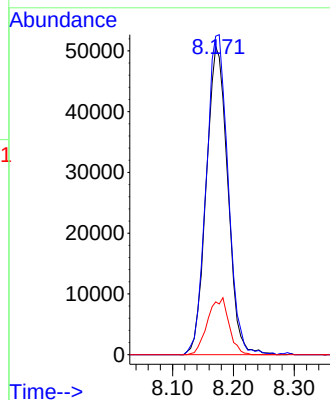
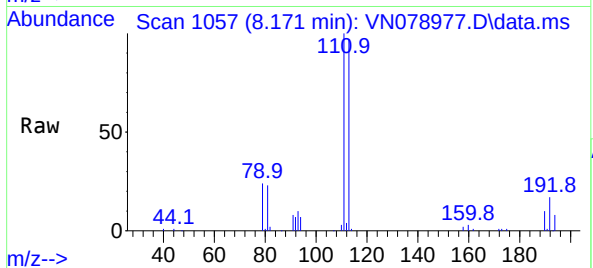




#35
Dibromofluoromethane
Concen: 51.491 ug/l
RT: 8.171 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN078977.D
Acq: 21 Aug 2023 16:09

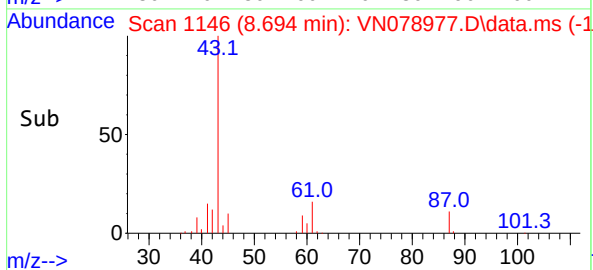
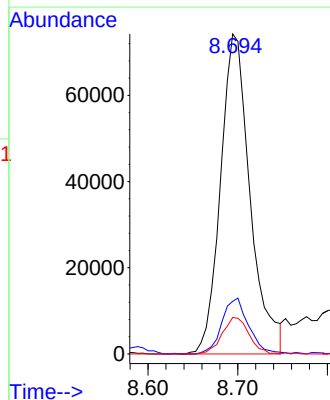
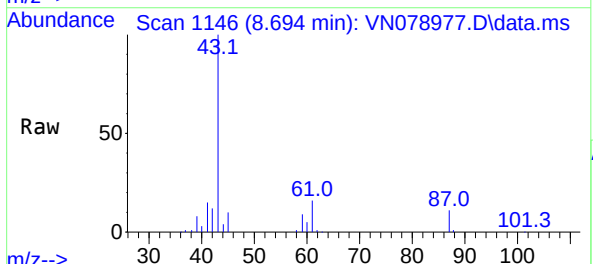
Instrument :
MSVOA_N
ClientSampleId :
362

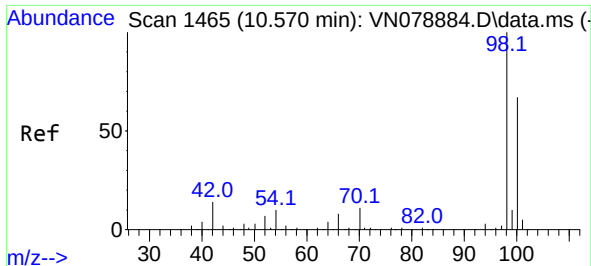
Tgt Ion:113 Resp: 124461
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 18.3 12.7 19.1



#43
Isopropyl Acetate
Concen: 23.735 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078977.D
Acq: 21 Aug 2023 16:09

Tgt Ion: 43 Resp: 170665
Ion Ratio Lower Upper
43 100
61 15.8 24.7 37.1#
87 10.2 14.6 21.8#

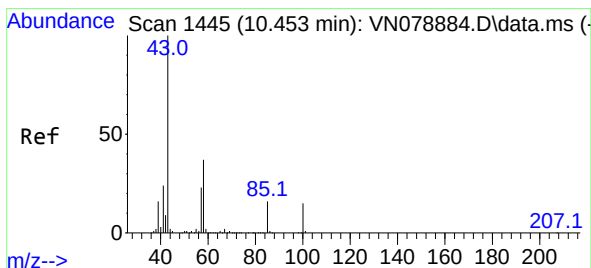
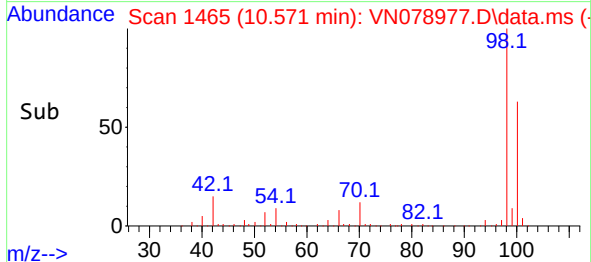
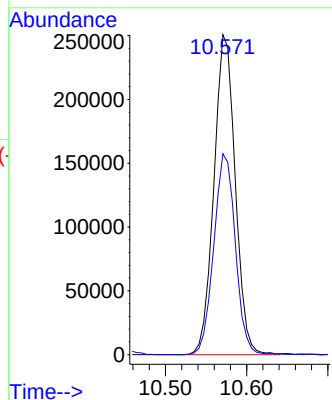
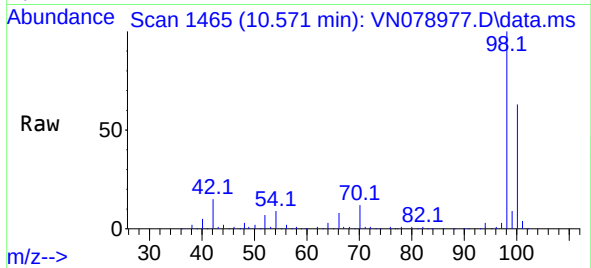




#50
Toluene-d8
Concen: 51.025 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078977.D
Acq: 21 Aug 2023 16:09

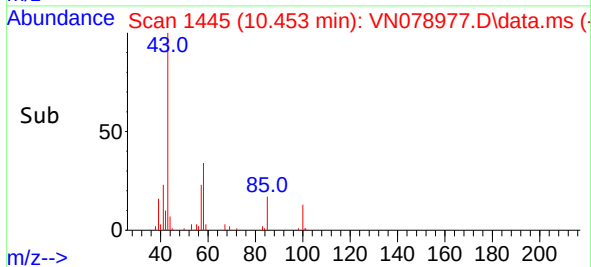
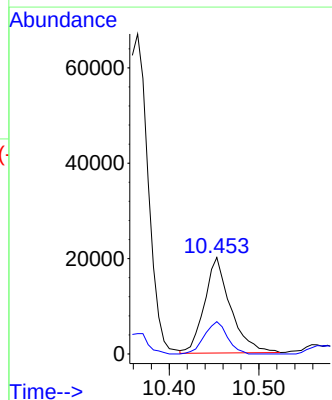
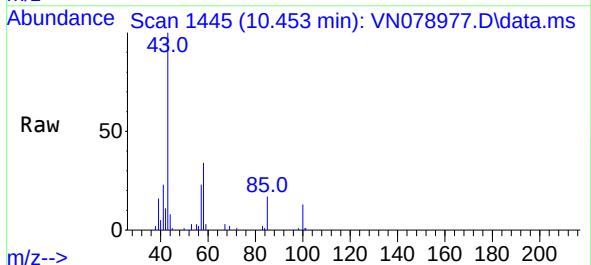
Instrument :
MSVOA_N
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362

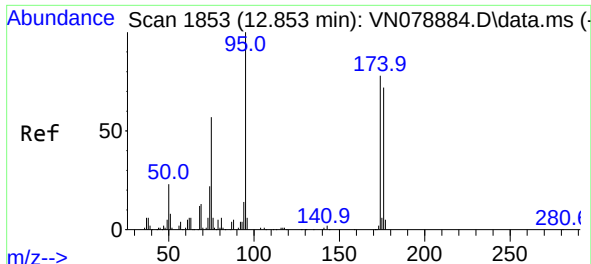
Tgt Ion: 98 Resp: 457952
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 9.489 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078977.D
Acq: 21 Aug 2023 16:09

Tgt Ion: 43 Resp: 40466
Ion Ratio Lower Upper
43 100
58 29.6 36.6 54.8#

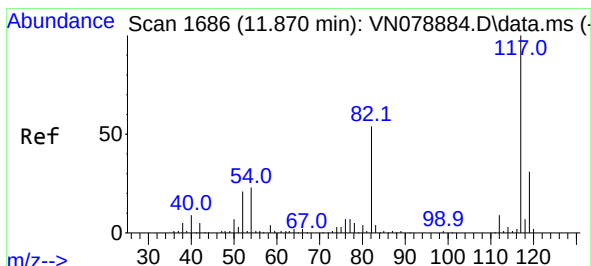
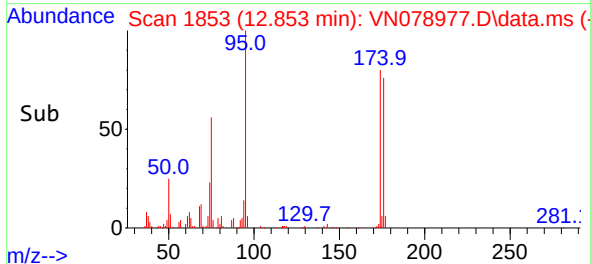
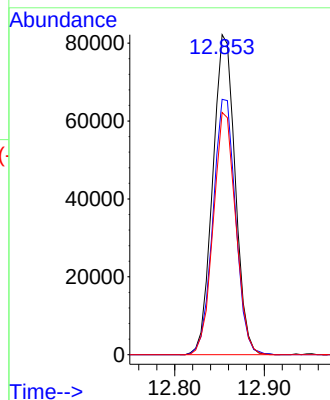
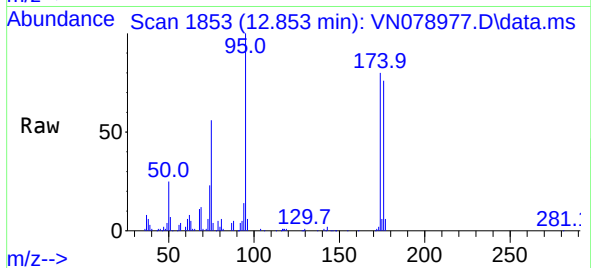




#62
4-Bromofluorobenzene
Concen: 48.621 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078977.D
Acq: 21 Aug 2023 16:09

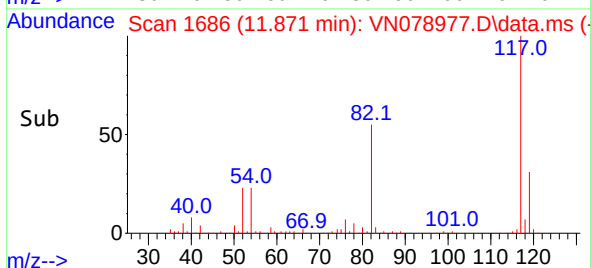
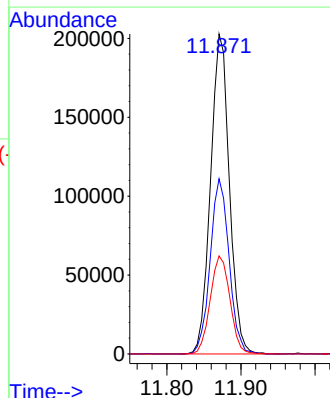
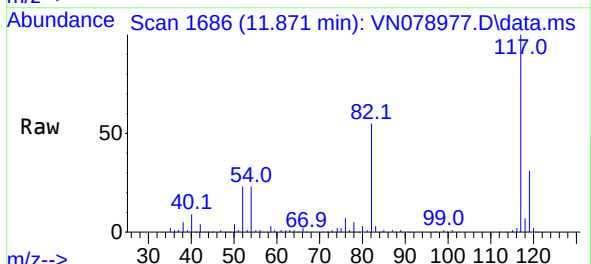
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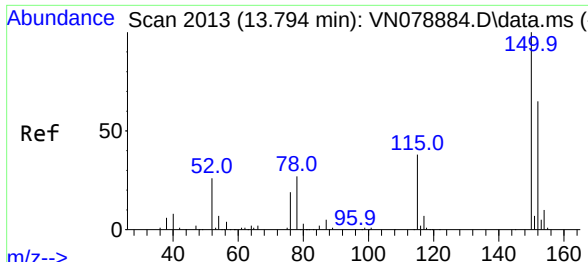
Tgt Ion: 95 Resp: 142634
Ion Ratio Lower Upper
95 100
174 80.4 0.0 143.8
176 75.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078977.D
Acq: 21 Aug 2023 16:09

Tgt Ion: 117 Resp: 357338
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 30.7 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: VN078977.D
 Acq: 21 Aug 2023 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:	152	Resp:	112726
Ion	Ratio	Lower	Upper
152	100		
115	59.4	32.3	96.8
150	157.0	0.0	355.8

