

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078904.D
 Acq On : 16 Aug 2023 15:41
 Operator : JC\MD
 Sample : 04006-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 E-1-EPH

Quant Time: Aug 17 01:17:44 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)

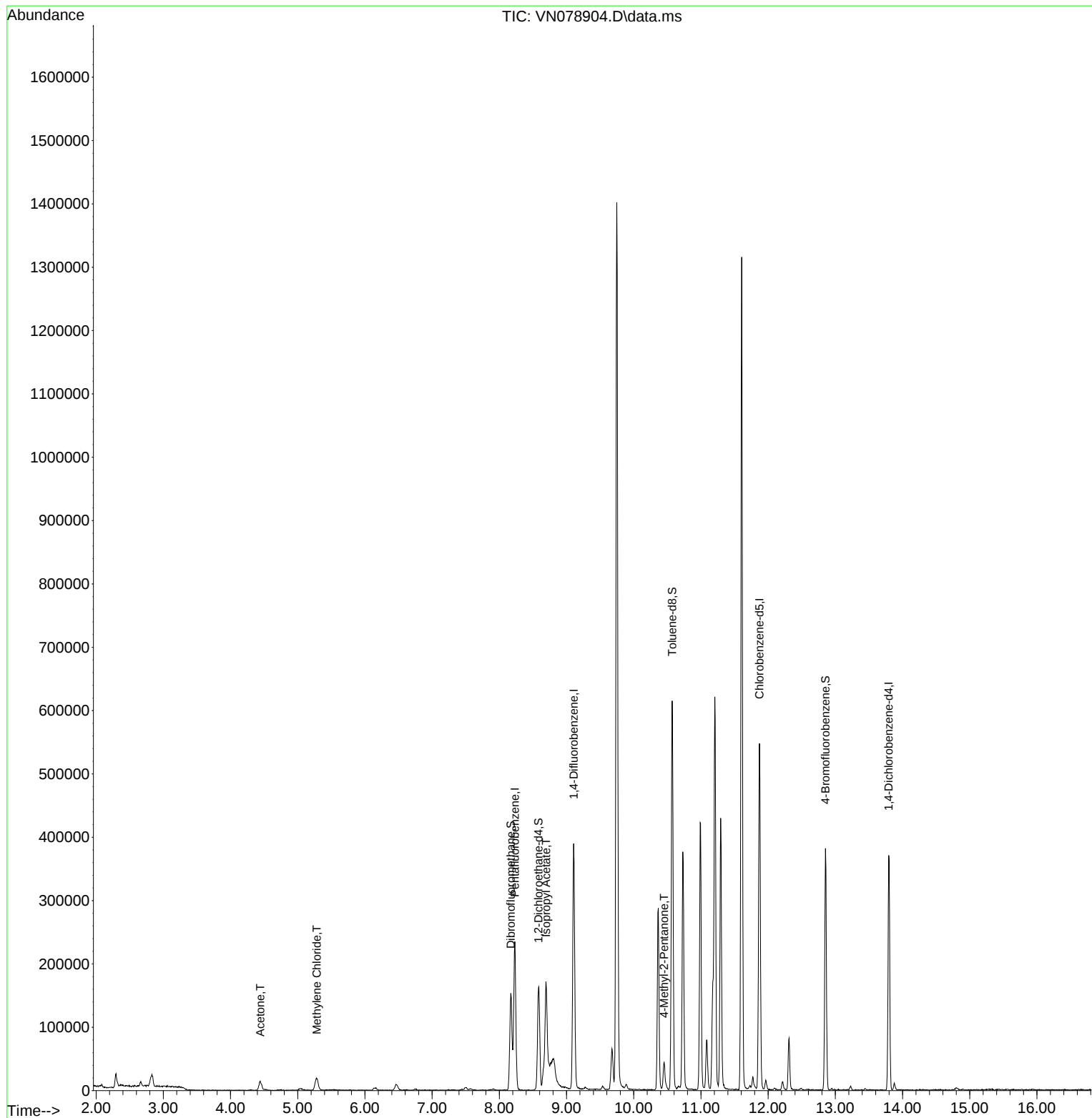
Internal Standards						
1) Pentafluorobenzene	8.230	168	159059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	315857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	310496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	134596	54.380	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.760%	
35) Dibromofluoromethane	8.171	113	106297	49.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.980%	
50) Toluene-d8	10.571	98	402620	50.999	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.000%	
62) 4-Bromofluorobenzene	12.853	95	123802	47.977	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.960%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	26734	26.177	ug/l	91
20) Methylene Chloride	5.283	84	14734	6.770	ug/l	88
43) Isopropyl Acetate	8.694	43	221315	34.991	ug/l #	71
51) 4-Methyl-2-Pentanone	10.453	43	36358	9.692	ug/l #	83

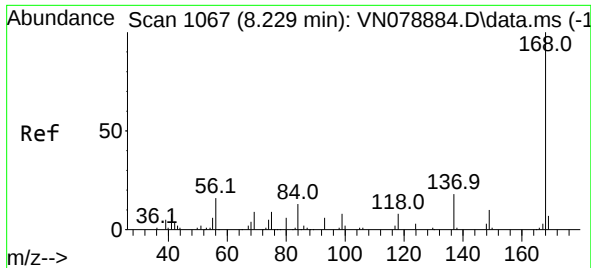
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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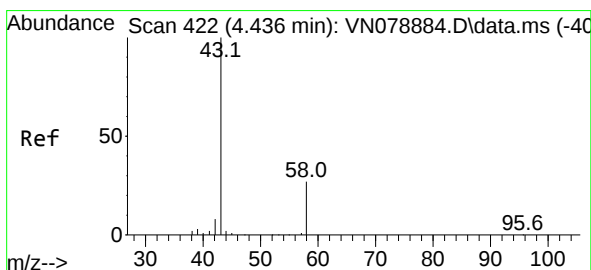
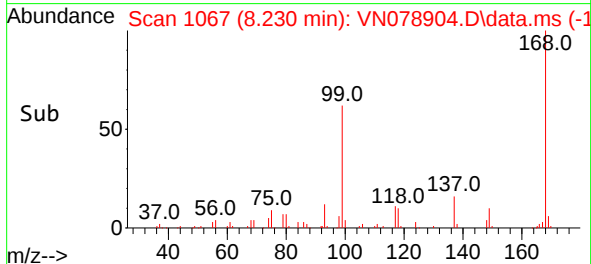
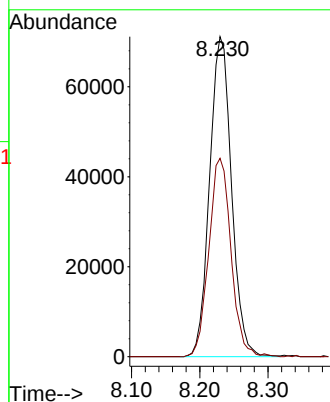
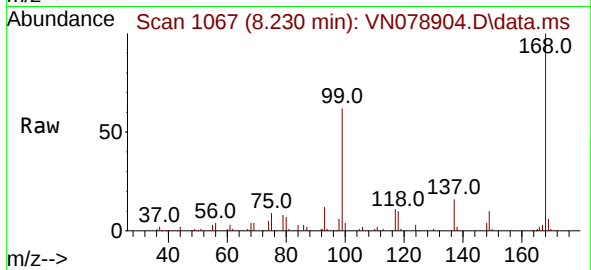




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078904.D
Acq: 16 Aug 2023 15:41

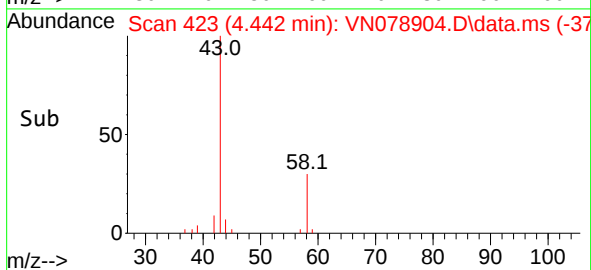
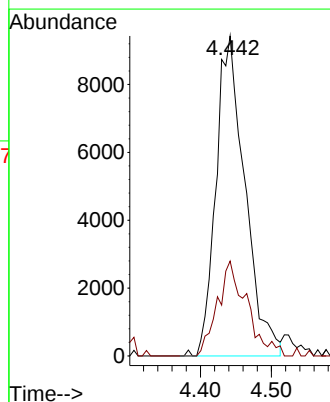
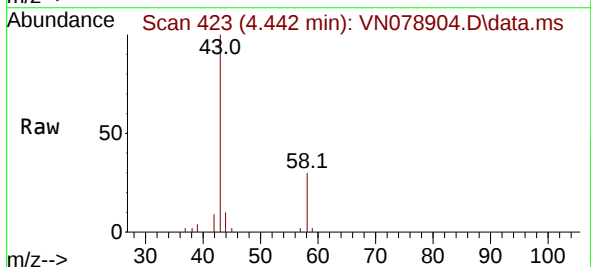
Instrument :
MSVOA_N
ClientSampleId :
E-1-EPH

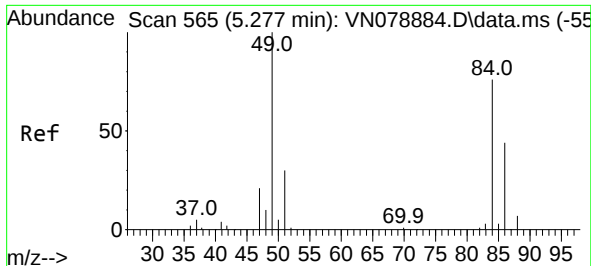
Tgt Ion:168 Resp: 159059
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#16
Acetone
Concen: 26.177 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078904.D
Acq: 16 Aug 2023 15:41

Tgt Ion: 43 Resp: 26734
Ion Ratio Lower Upper
43 100
58 29.6 28.0 42.0

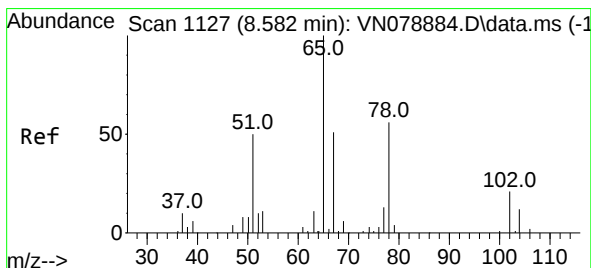
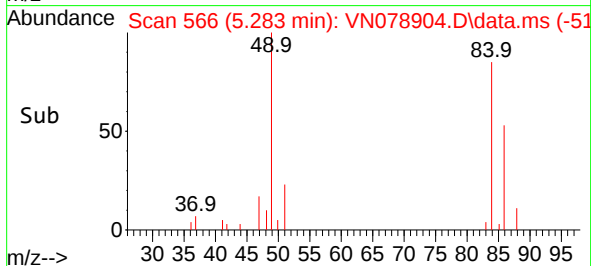
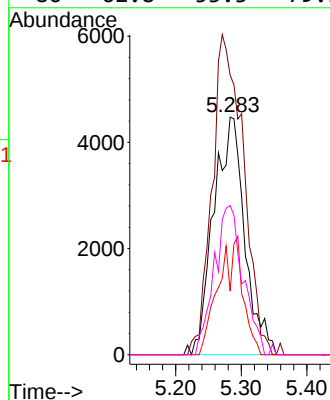
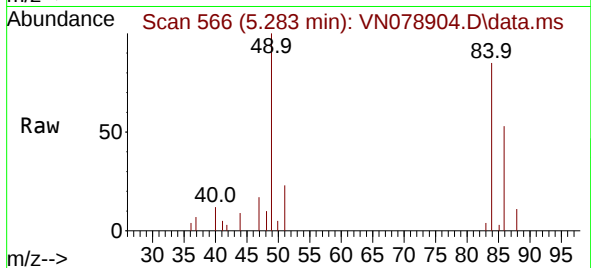




#20
Methylene Chloride
Concen: 6.770 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078904.D
Acq: 16 Aug 2023 15:41

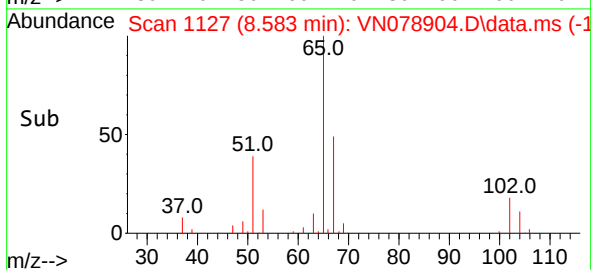
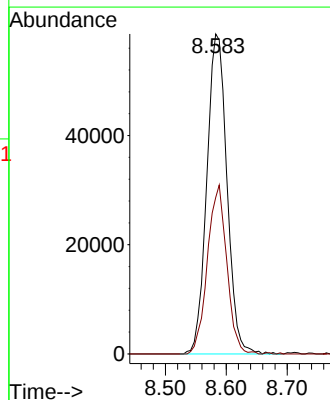
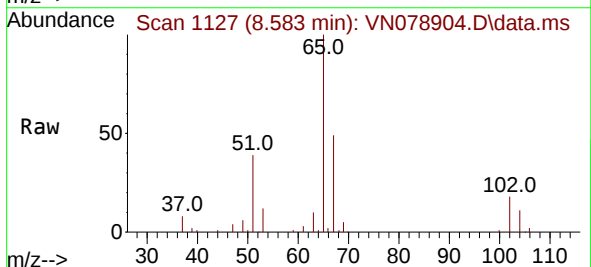
Instrument :
MSVOA_N
ClientSampleId :
E-1-EPH

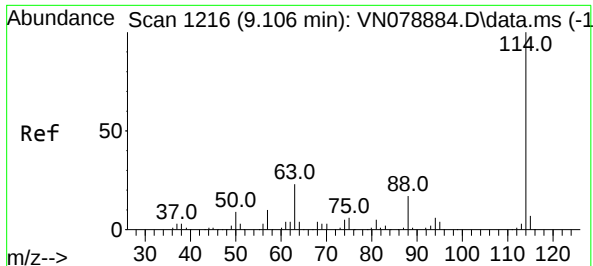
Tgt Ion:	84	Resp:	14734
Ion	Ratio	Lower	Upper
84	100		
49	117.6	79.7	119.5
51	26.8	25.2	37.8
86	62.8	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 54.380 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078904.D
Acq: 16 Aug 2023 15:41

Tgt Ion:	65	Resp:	134596
Ion	Ratio	Lower	Upper
65	100		
67	50.6	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: VN078904.D

Acq: 16 Aug 2023 15:41

Instrument :

MSVOA_N

ClientSampleId :

E-1-EPH

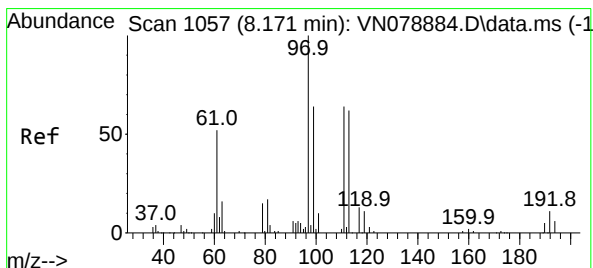
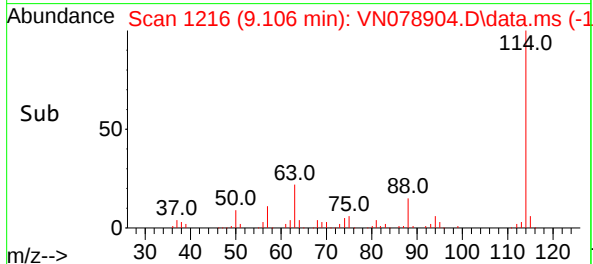
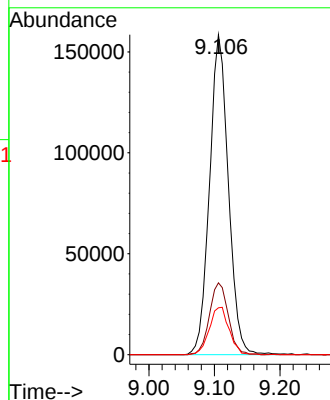
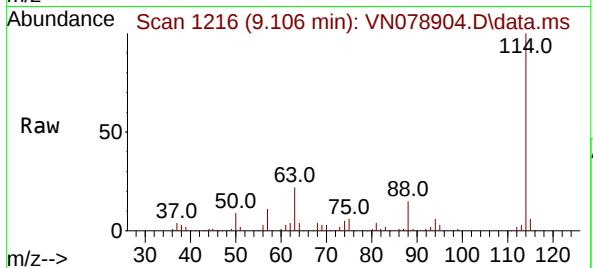
Tgt Ion:114 Resp: 315857

Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.994 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078904.D

Acq: 16 Aug 2023 15:41

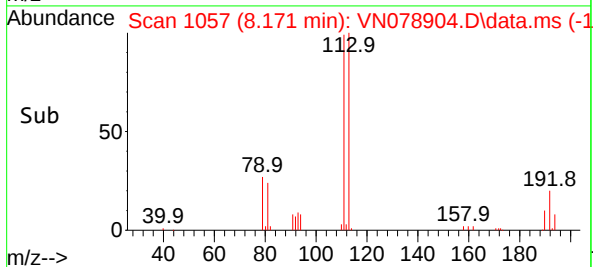
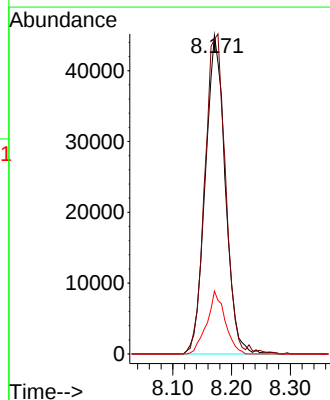
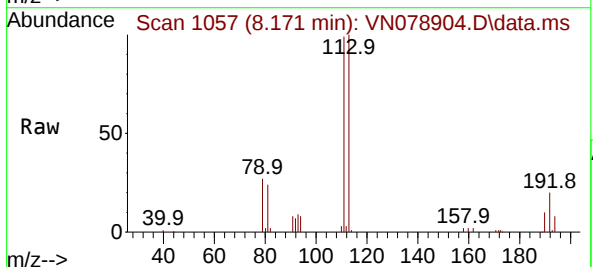
Tgt Ion:113 Resp: 106297

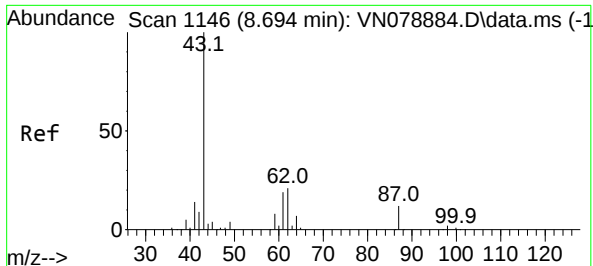
Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 18.0 12.7 19.1

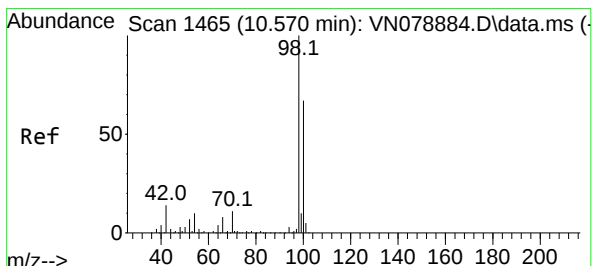
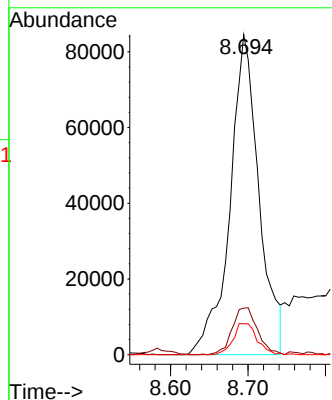
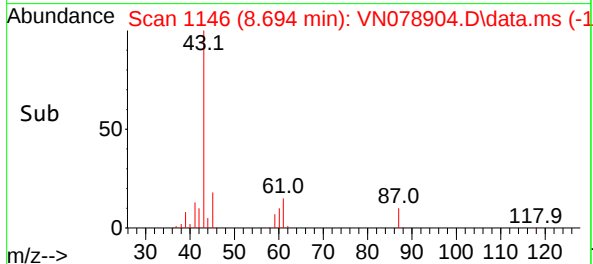
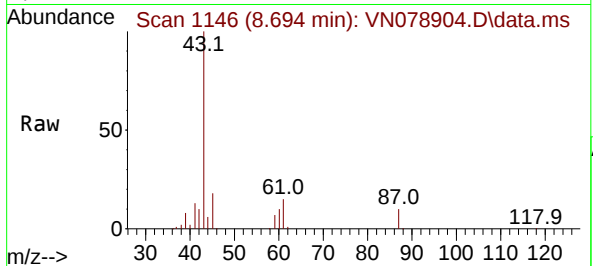




#43
Isopropyl Acetate
Concen: 34.991 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078904.D
Acq: 16 Aug 2023 15:41

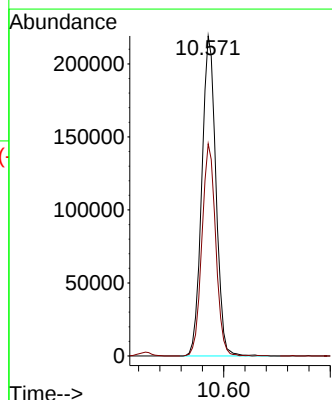
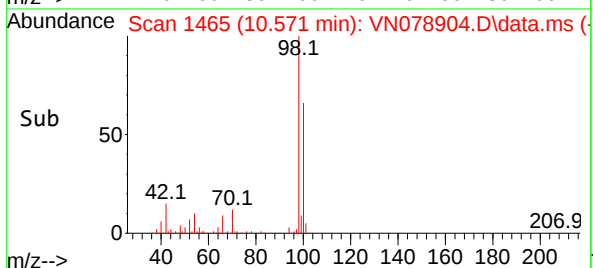
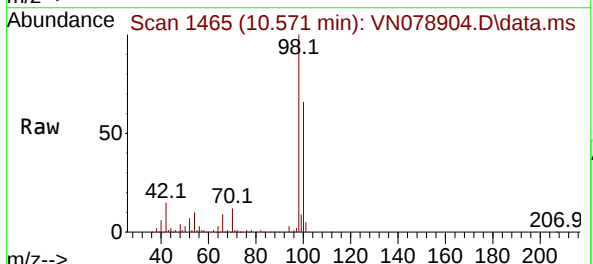
Instrument :
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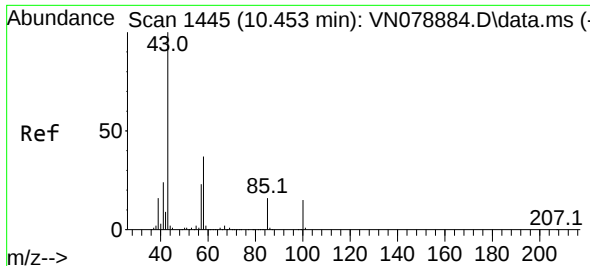
Tgt Ion: 43 Resp: 221315
Ion Ratio Lower Upper
43 100
61 12.7 24.7 37.1#
87 8.0 14.6 21.8#



#50
Toluene-d8
Concen: 50.999 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078904.D
Acq: 16 Aug 2023 15:41

Tgt Ion: 98 Resp: 402620
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

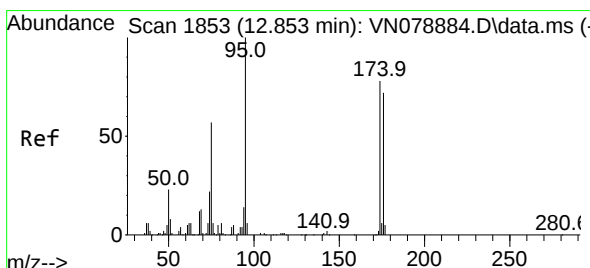
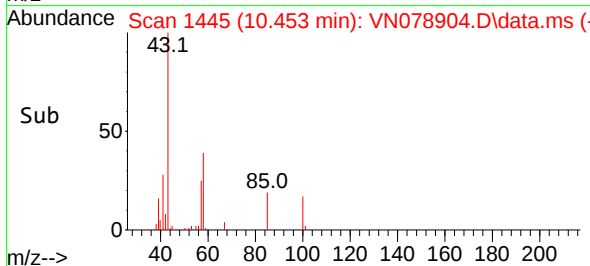
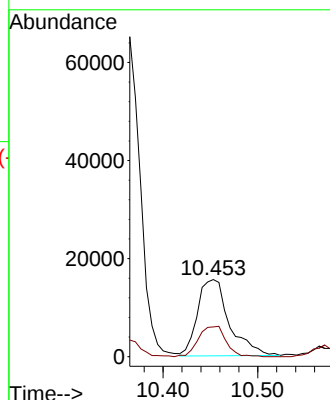
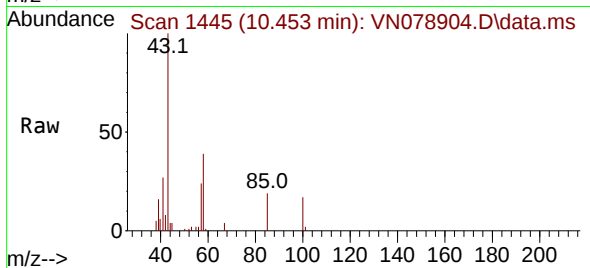




#51
4-Methyl-2-Pentanone
Concen: 9.692 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078904.D
Acq: 16 Aug 2023 15:41

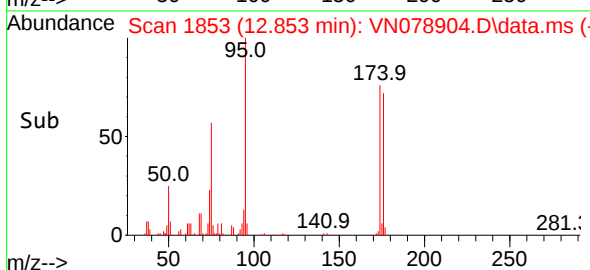
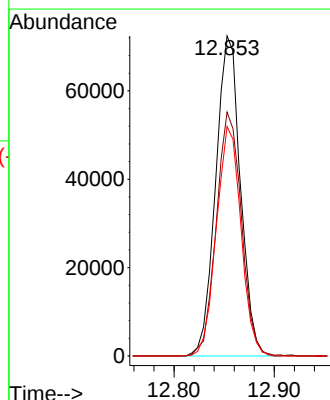
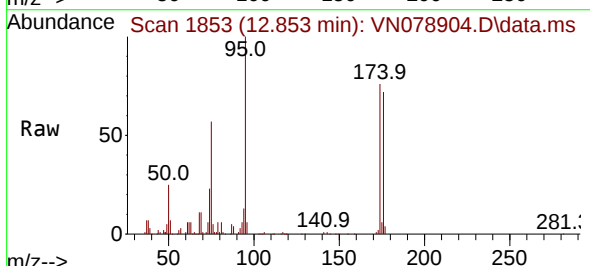
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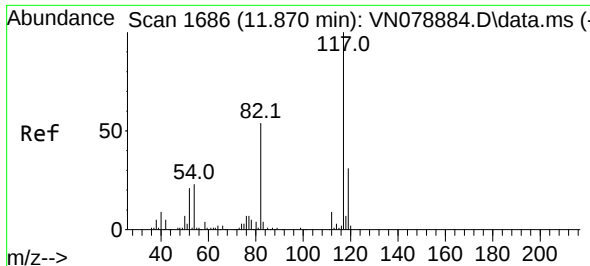
Tgt Ion: 43 Resp: 36358
Ion Ratio Lower Upper
43 100
58 34.4 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 47.977 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078904.D
Acq: 16 Aug 2023 15:41

Tgt Ion: 95 Resp: 123802
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 71.4 0.0 135.8

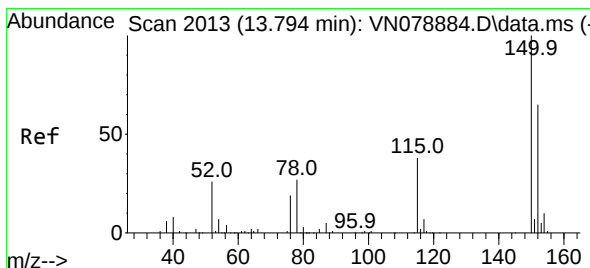
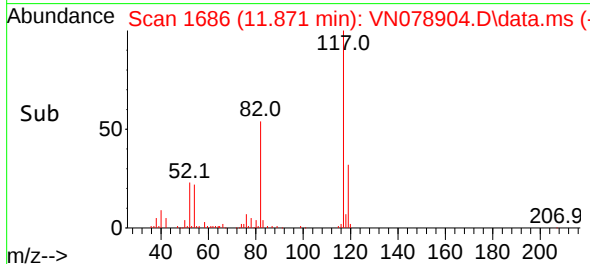
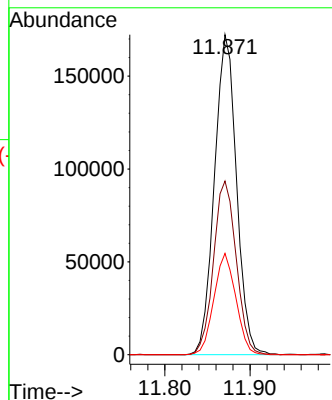
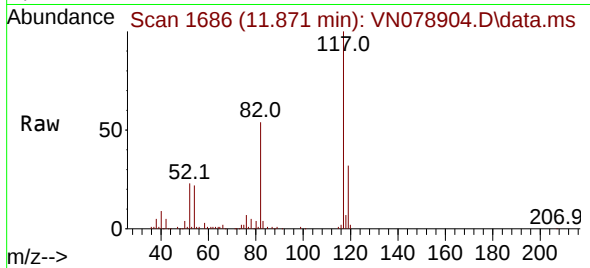




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078904.D
Acq: 16 Aug 2023 15:41

Instrument :
MSVOA_N
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Tgt Ion:117 Resp: 310496
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN078904.D
Acq: 16 Aug 2023 15:41

Tgt Ion:152 Resp: 93292
Ion Ratio Lower Upper
152 100
115 59.9 32.3 96.8
150 161.0 0.0 355.8

