

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078797.D
 Acq On : 08 Aug 2023 13:11
 Operator : JC\MD
 Sample : 03908-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ETGI-368

Quant Time: Aug 09 02:48:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

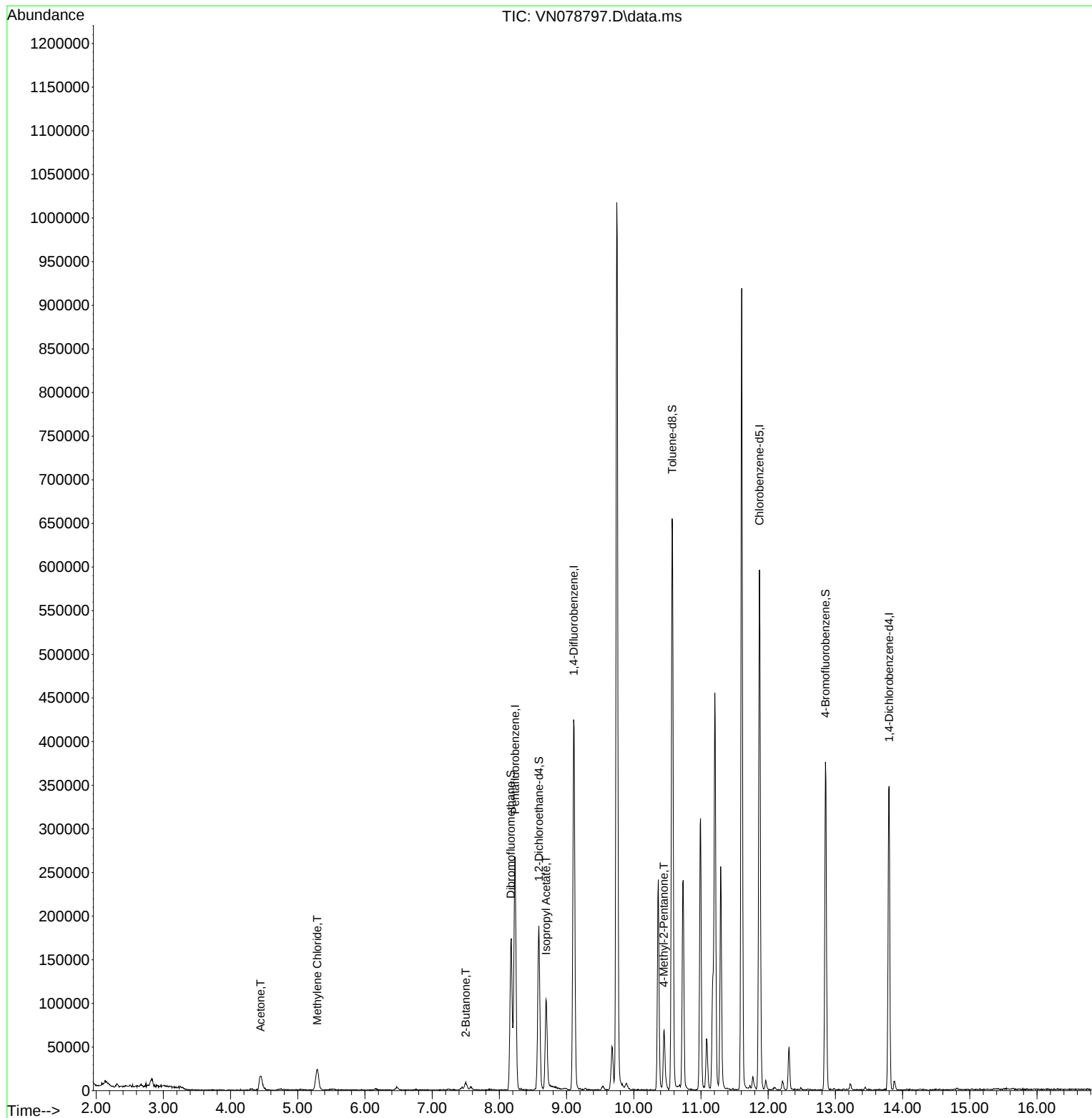
Internal Standards						
1) Pentafluorobenzene	8.236	168	184945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	354428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	328648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	89669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	145481	52.471	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.940%	
35) Dibromofluoromethane	8.171	113	121842	50.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.820%	
50) Toluene-d8	10.571	98	442356	50.222	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	12.853	95	126031	47.877	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.760%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	35302	33.092	ug/l #	86
20) Methylene Chloride	5.289	84	17952	6.795	ug/l	96
25) 2-Butanone	7.500	43	15135	8.378	ug/l #	82
43) Isopropyl Acetate	8.694	43	119543	17.959	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	52682	12.921	ug/l #	81

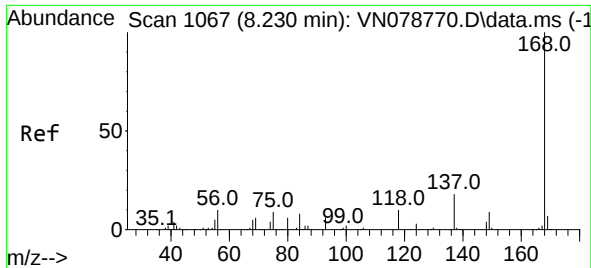
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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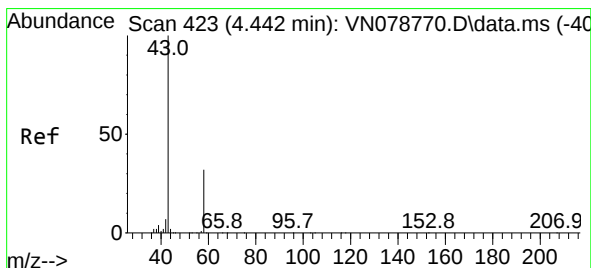
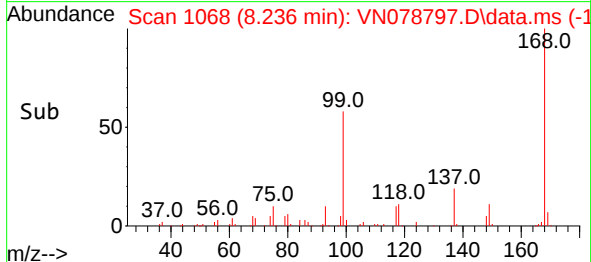
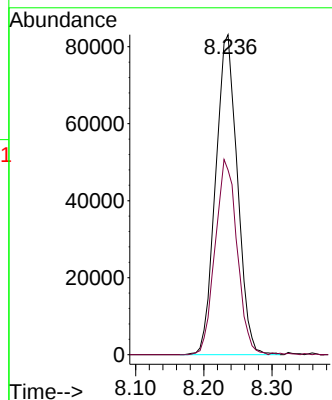
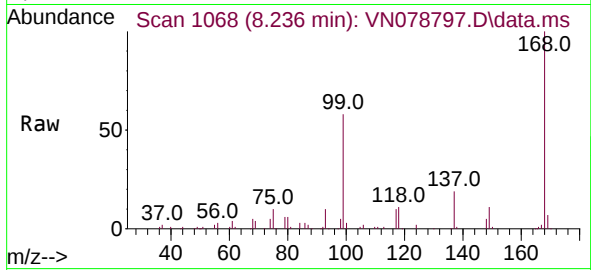




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078797.D
Acq: 08 Aug 2023 13:11

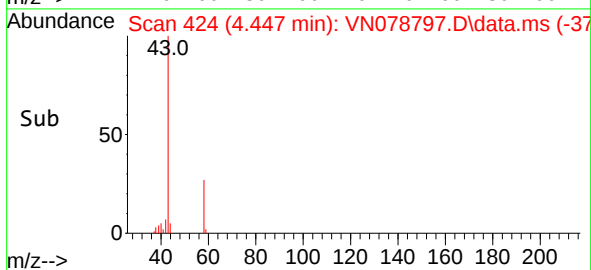
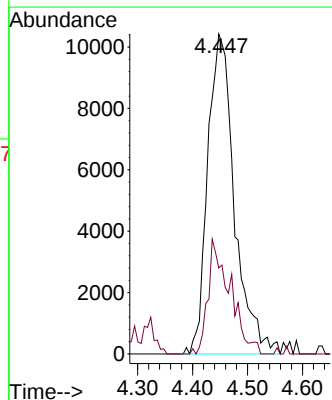
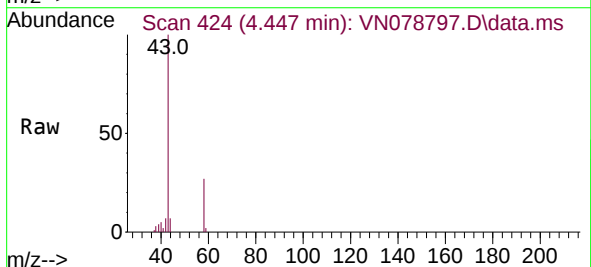
Instrument :
MSVOA_N
ClientSampleId :
ETGI-368

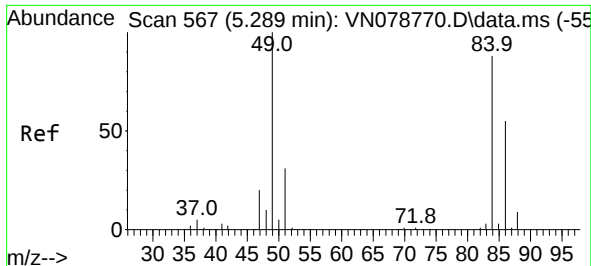
Tgt Ion:168 Resp: 184945
Ion Ratio Lower Upper
168 100
99 57.7 53.0 79.6



#16
Acetone
Concen: 33.092 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078797.D
Acq: 08 Aug 2023 13:11

Tgt Ion: 43 Resp: 35302
Ion Ratio Lower Upper
43 100
58 26.9 28.0 42.0#

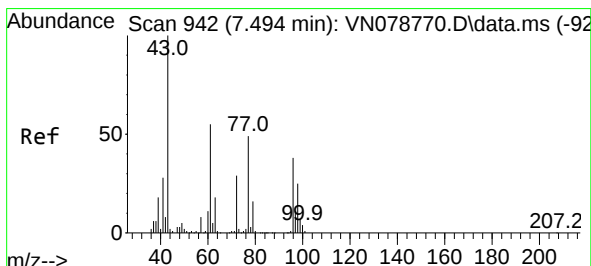
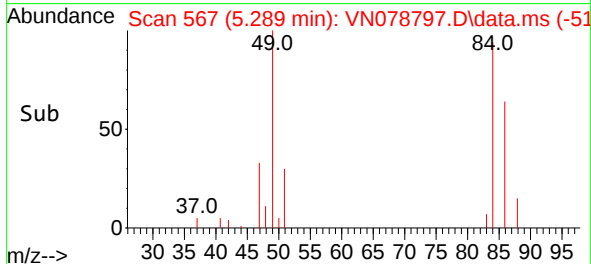
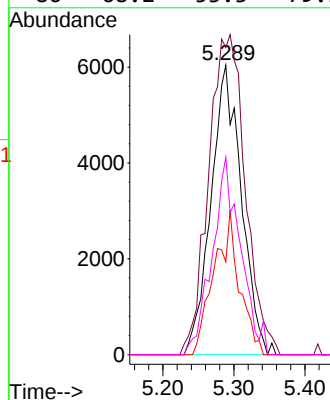
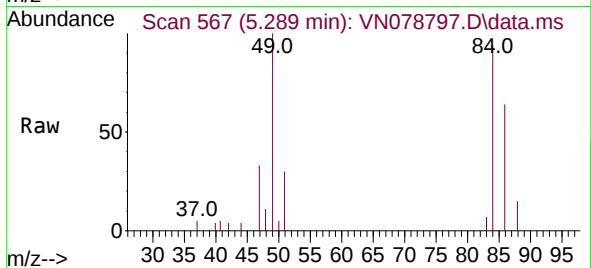




#20
Methylene Chloride
Concen: 6.795 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078797.D
Acq: 08 Aug 2023 13:11

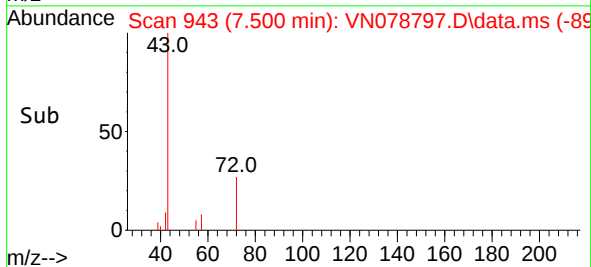
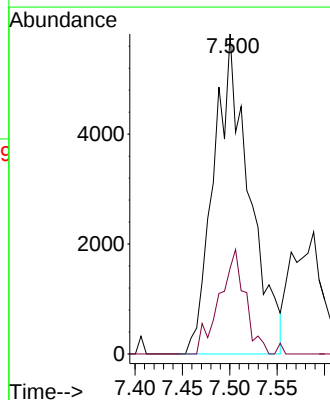
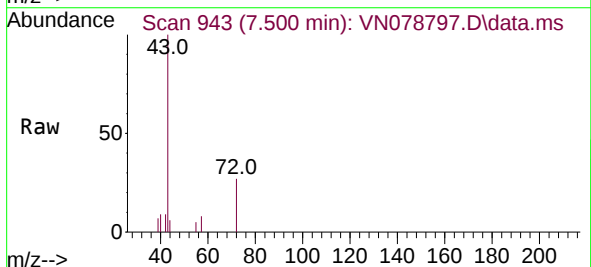
Instrument :
MSVOA_N
ClientSampleId :
ETGI-368

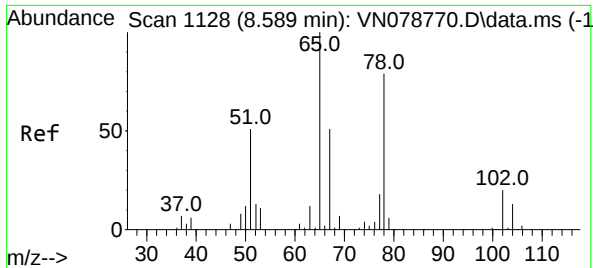
Tgt Ion: 84	Resp: 17952		
Ion	Ratio	Lower	Upper
84	100		
49	106.1	79.7	119.5
51	32.1	25.2	37.8
86	68.2	53.3	79.9



#25
2-Butanone
Concen: 8.378 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078797.D
Acq: 08 Aug 2023 13:11

Tgt Ion: 43	Resp: 15135
Ion Ratio	Lower Upper
43 100	
72 26.8	30.2 45.2#

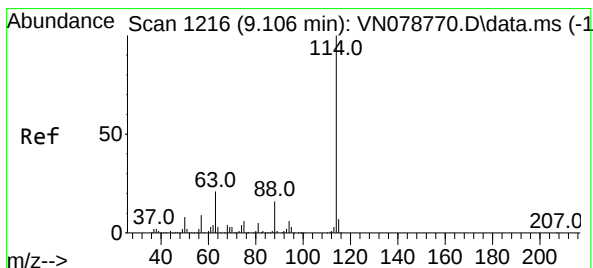
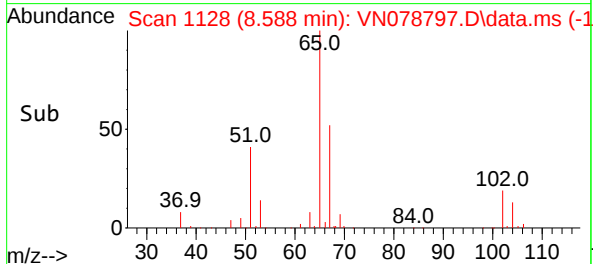
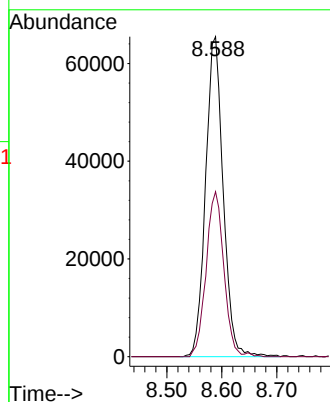
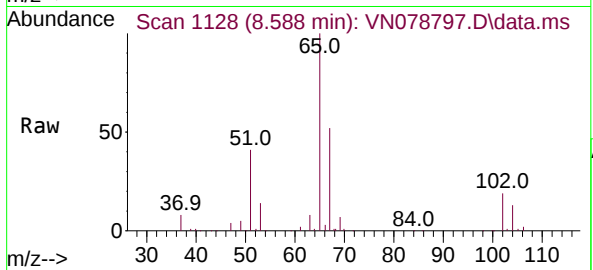




#33
 1,2-Dichloroethane-d4
 Concen: 52.471 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VN078797.D
 Acq: 08 Aug 2023 13:11

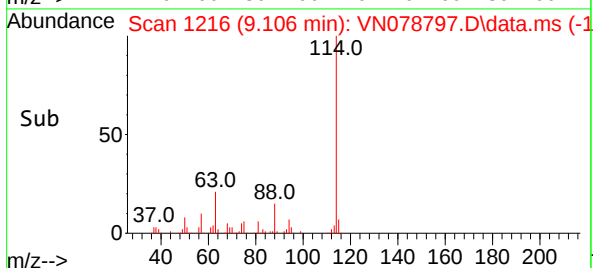
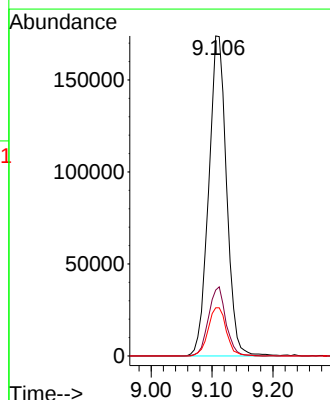
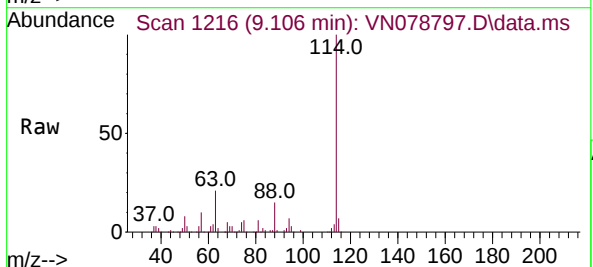
Instrument :
 MSVOA_N
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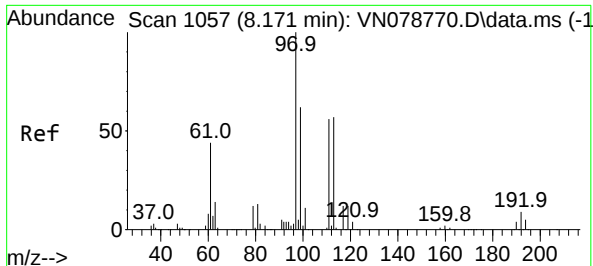
Tgt Ion: 65 Resp: 145481
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN078797.D
 Acq: 08 Aug 2023 13:11

Tgt Ion: 114 Resp: 354428
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 36.4
 88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.906 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN078797.D

Acq: 08 Aug 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

ETGI-368

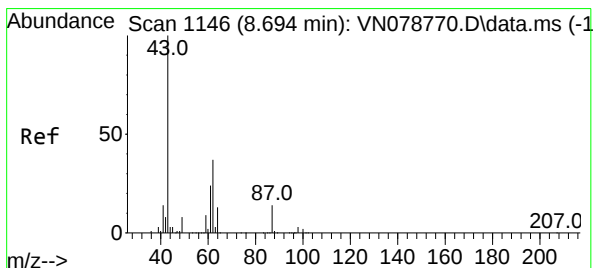
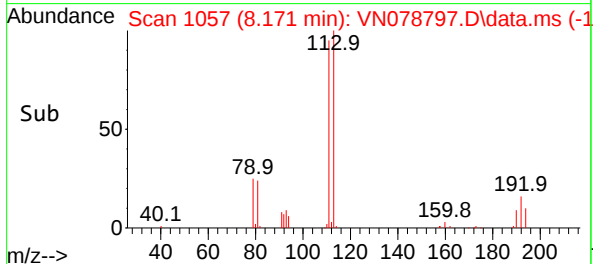
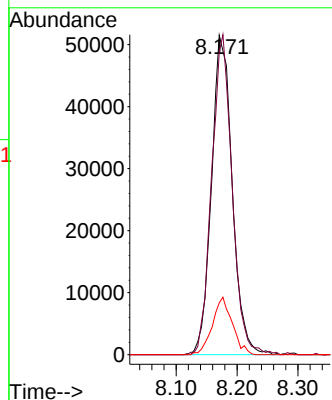
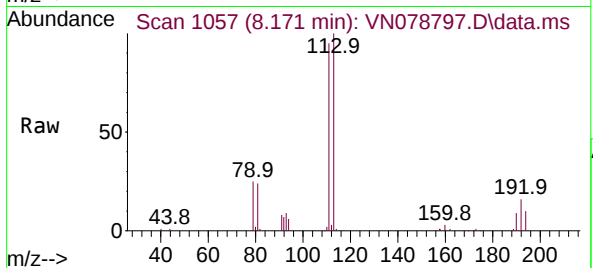
Tgt Ion:113 Resp: 121842

Ion Ratio Lower Upper

113 100

111 98.8 82.6 123.8

192 17.3 12.7 19.1



#43

Isopropyl Acetate

Concen: 17.959 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN078797.D

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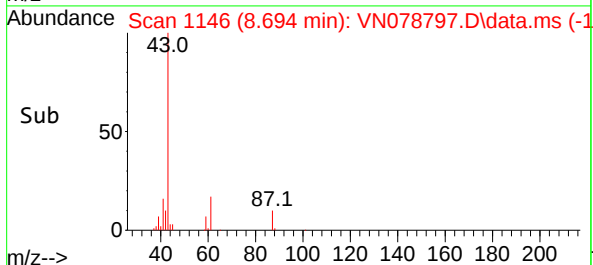
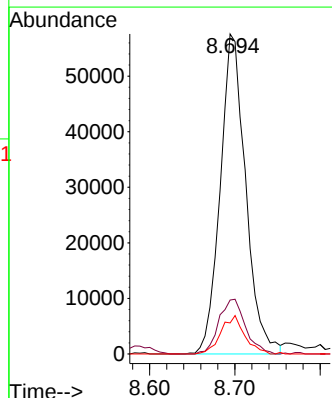
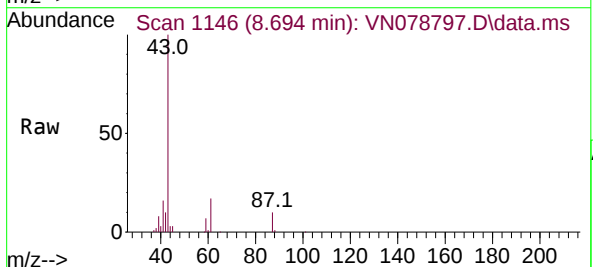
Tgt Ion: 43 Resp: 119543

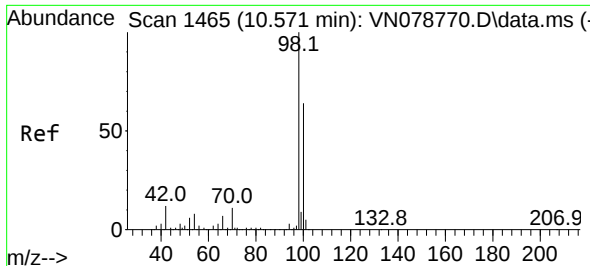
Ion Ratio Lower Upper

43 100

61 17.8 24.7 37.1#

87 11.2 14.6 21.8#

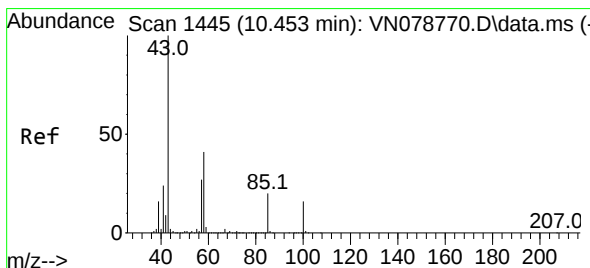
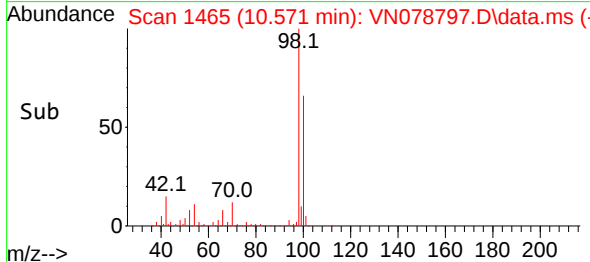
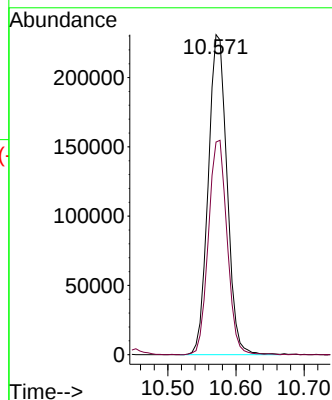
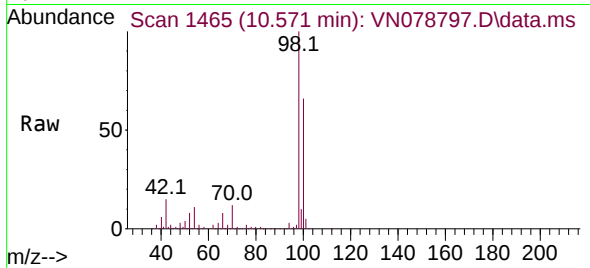




#50
Toluene-d8
Concen: 50.222 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078797.D
Acq: 08 Aug 2023 13:11

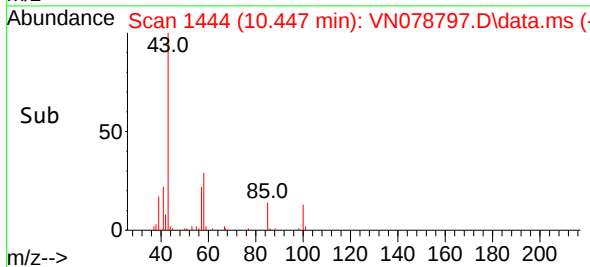
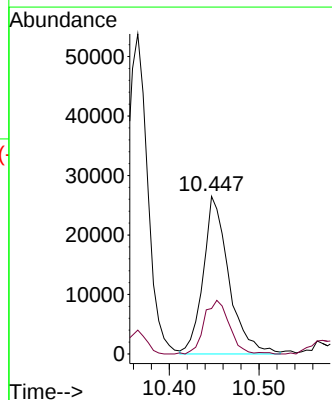
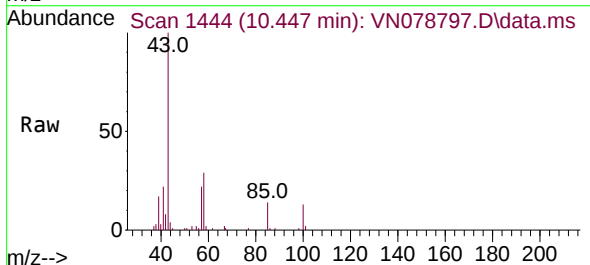
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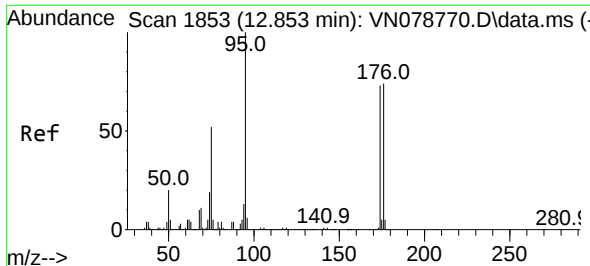
Tgt Ion: 98 Resp: 442356
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 12.921 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078797.D
Acq: 08 Aug 2023 13:11

Tgt Ion: 43 Resp: 52682
Ion Ratio Lower Upper
43 100
58 33.5 36.6 54.8#

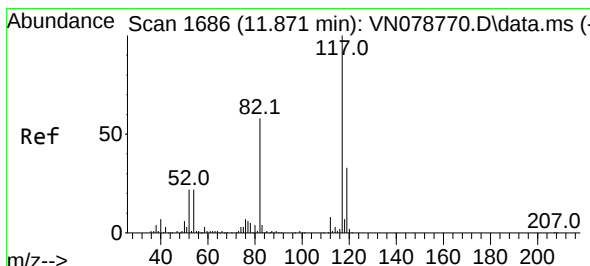
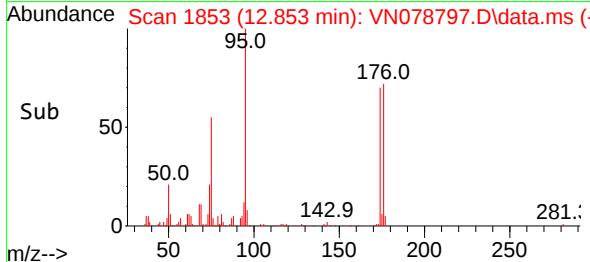
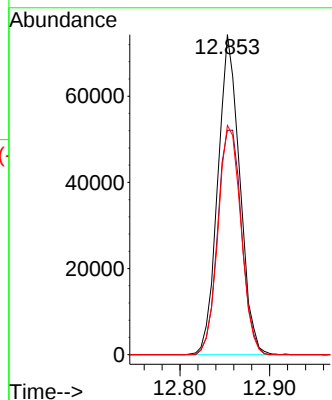
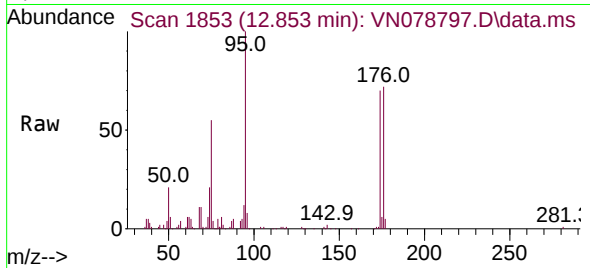




#62
4-Bromofluorobenzene
Concen: 47.877 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078797.D
Acq: 08 Aug 2023 13:11

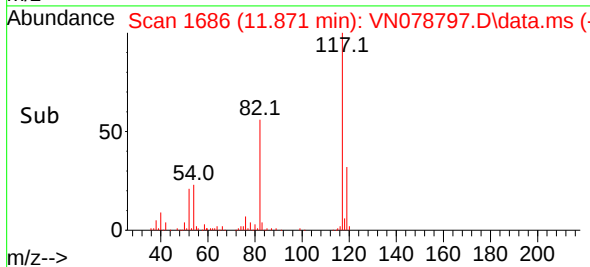
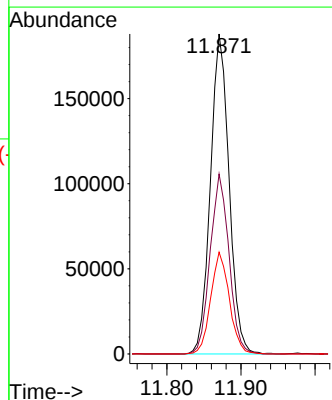
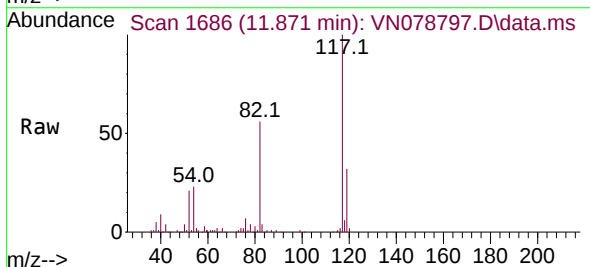
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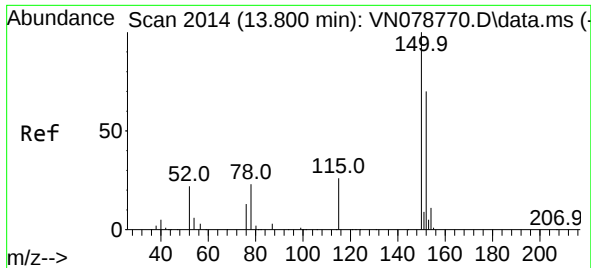
Tgt Ion: 95 Resp: 126031
Ion Ratio Lower Upper
95 100
174 76.6 0.0 143.8
176 74.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078797.D
Acq: 08 Aug 2023 13:11

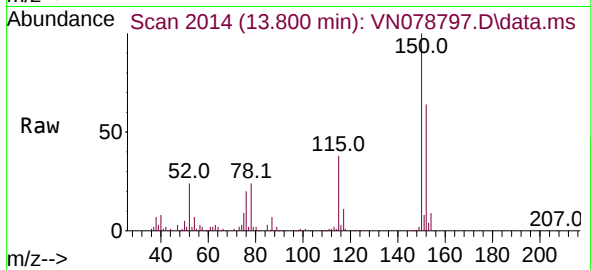
Tgt Ion: 117 Resp: 328648
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 31.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078797.D
 Acq: 08 Aug 2023 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 ETGI-368



Tgt Ion:152 Resp: 89669
 Ion Ratio Lower Upper
 152 100
 115 62.3 32.3 96.8
 150 160.1 0.0 355.8

