

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080243.D
 Acq On : 22 Nov 2023 13:18
 Operator : JC\MD
 Sample : 05516-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ETGI-343

Quant Time: Nov 23 00:19:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

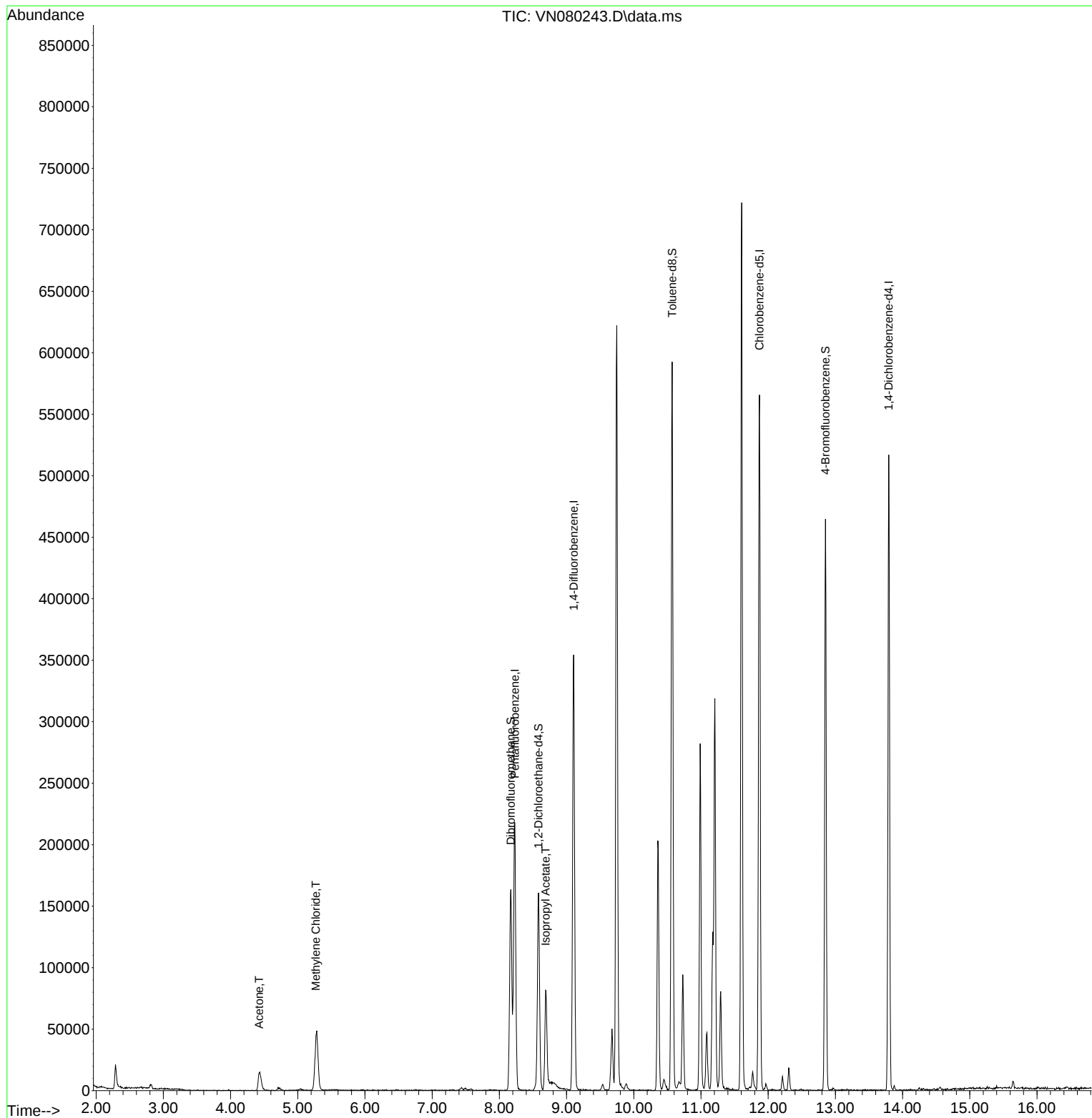
Internal Standards						
1) Pentafluorobenzene	8.230	168	149711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	328677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	144864	58.603	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 117.200%		
35) Dibromofluoromethane	8.171	113	110705	51.348	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.700%		
50) Toluene-d8	10.571	98	413579	53.215	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.440%		
62) 4-Bromofluorobenzene	12.853	95	156647	53.362	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 106.720%		
Target Compounds						
						Qvalue
16) Acetone	4.424	43	30734	37.017	ug/l #	85
20) Methylene Chloride	5.271	84	39686	22.825	ug/l	97
43) Isopropyl Acetate	8.688	43	90399	21.456	ug/l #	85

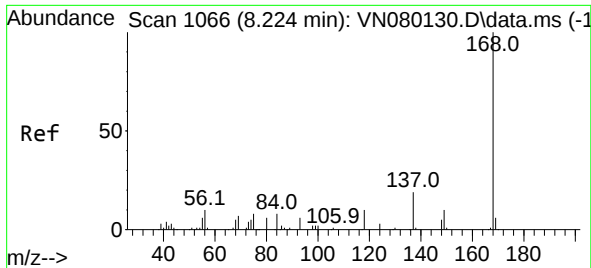
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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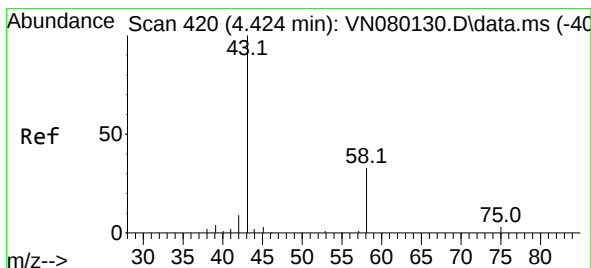
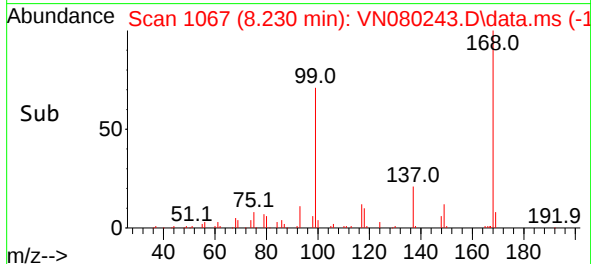
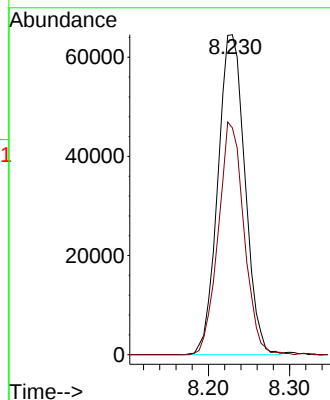
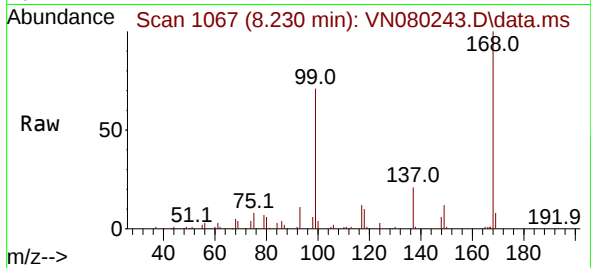




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080243.D
Acq: 22 Nov 2023 13:18

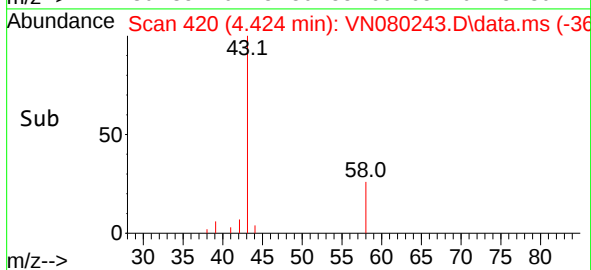
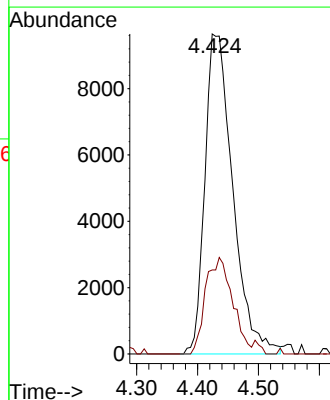
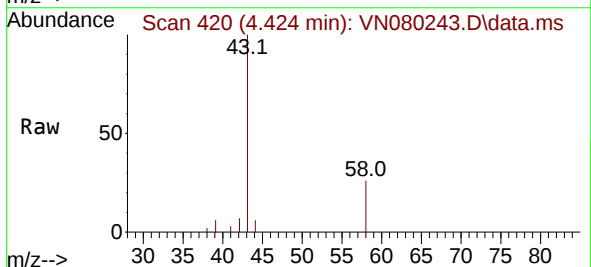
Instrument :
MSVOA_N
ClientSampleId :
ETGI-343

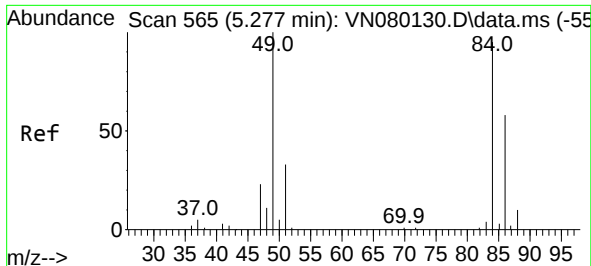
Tgt Ion:168 Resp: 149711
Ion Ratio Lower Upper
168 100
99 70.9 53.0 79.6



#16
Acetone
Concen: 37.017 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080243.D
Acq: 22 Nov 2023 13:18

Tgt Ion: 43 Resp: 30734
Ion Ratio Lower Upper
43 100
58 26.3 28.0 42.0#

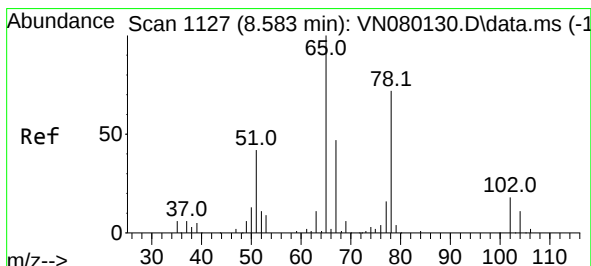
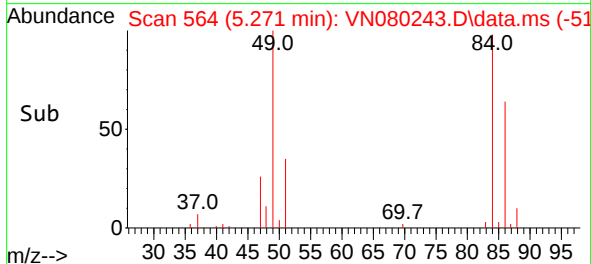
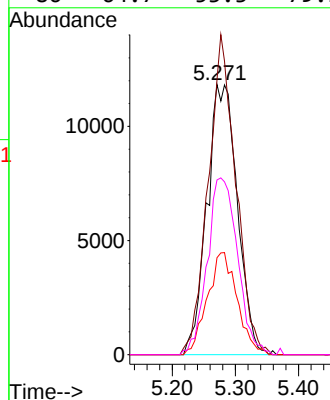
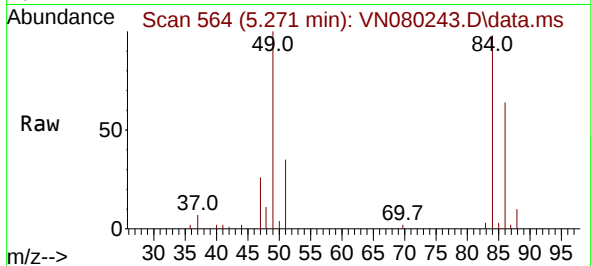




#20
Methylene Chloride
Concen: 22.825 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080243.D
Acq: 22 Nov 2023 13:18

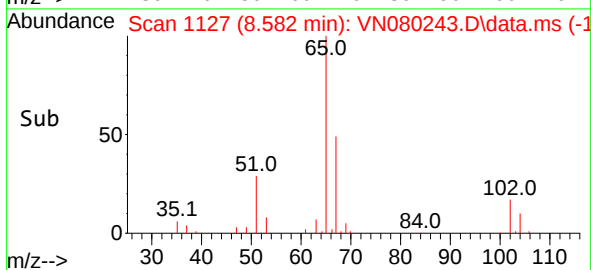
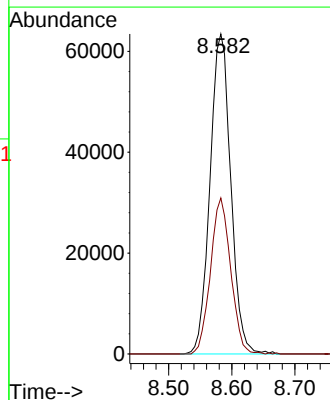
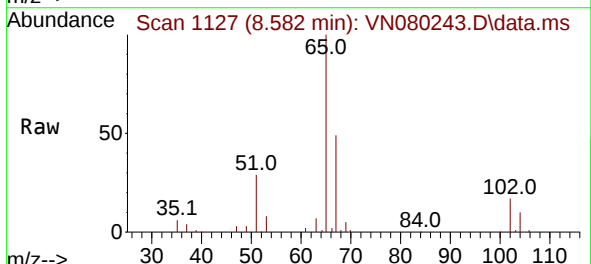
Instrument :
MSVOA_N
ClientSampleId :
ETGI-343

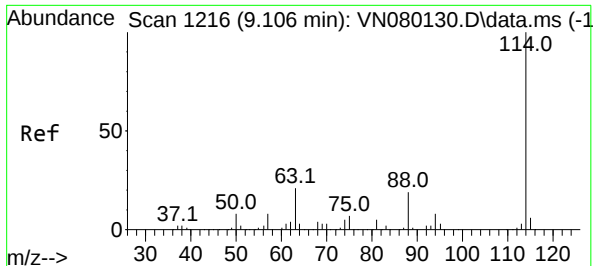
Tgt Ion: 84	Resp: 39686
Ion Ratio	Lower Upper
84 100	
49 101.8	79.7 119.5
51 35.9	25.2 37.8
86 64.7	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 58.603 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080243.D
Acq: 22 Nov 2023 13:18

Tgt Ion: 65	Resp: 144864
Ion Ratio	Lower Upper
65 100	
67 47.3	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080243.D

Acq: 22 Nov 2023 13:18

Instrument :

MSVOA_N

ClientSampleId :

ETGI-343

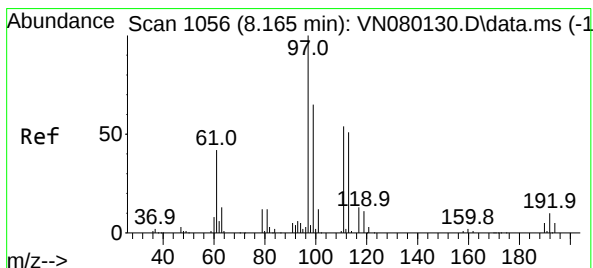
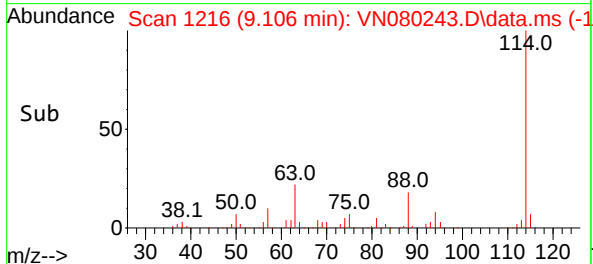
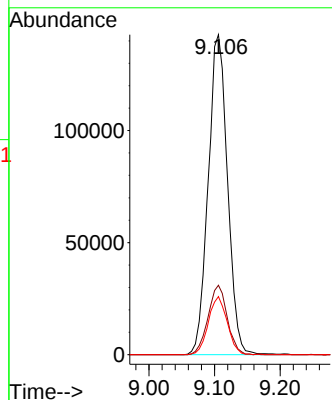
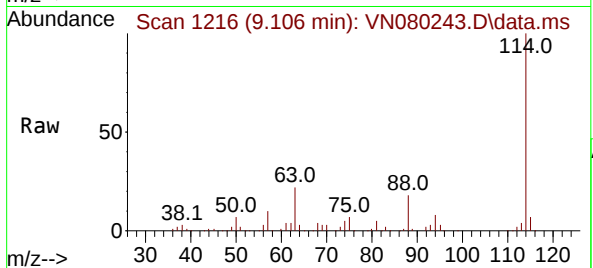
Tgt Ion:114 Resp: 292188

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 18.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.348 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080243.D

Acq: 22 Nov 2023 13:18

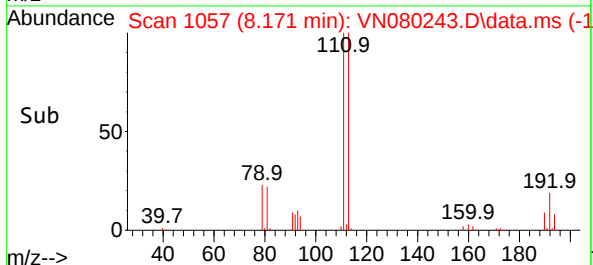
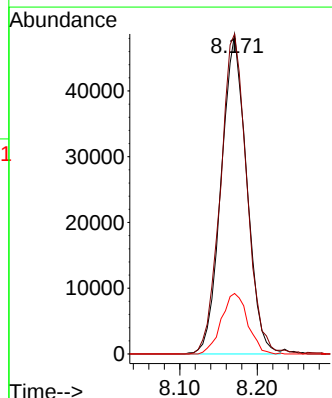
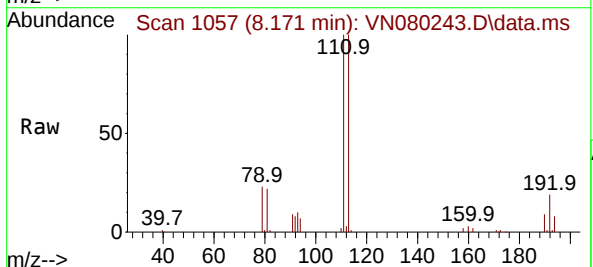
Tgt Ion:113 Resp: 110705

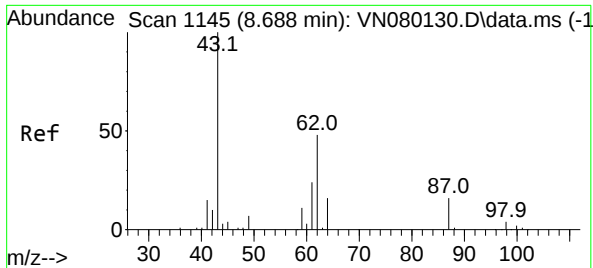
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 19.6 12.7 19.1#

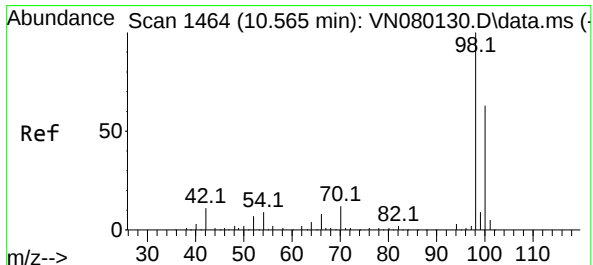
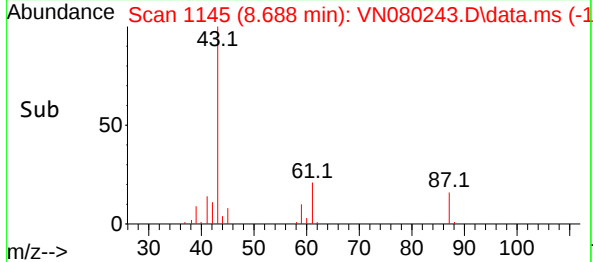
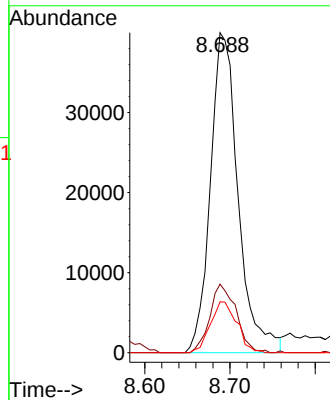
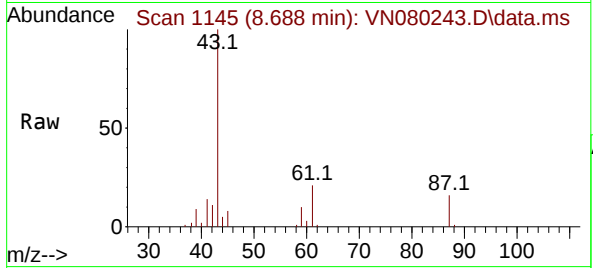




#43
Isopropyl Acetate
Concen: 21.456 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080243.D
Acq: 22 Nov 2023 13:18

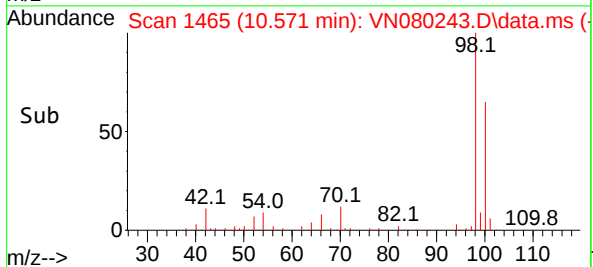
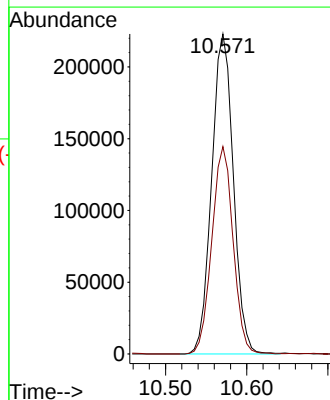
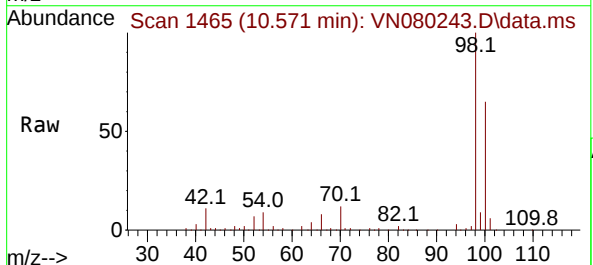
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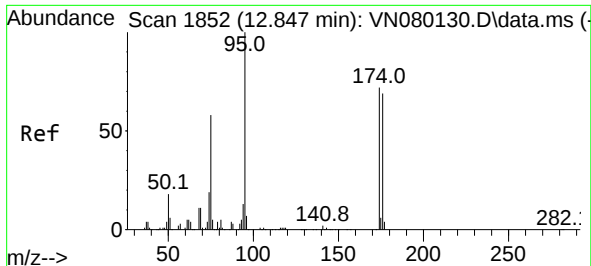
Tgt Ion: 43 Resp: 90399
Ion Ratio Lower Upper
43 100
61 20.3 24.7 37.1#
87 15.2 14.6 21.8



#50
Toluene-d8
Concen: 53.215 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080243.D
Acq: 22 Nov 2023 13:18

Tgt Ion: 98 Resp: 413579
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

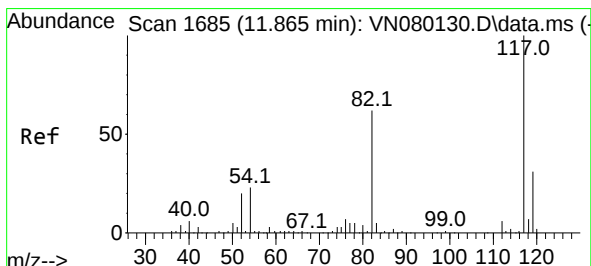
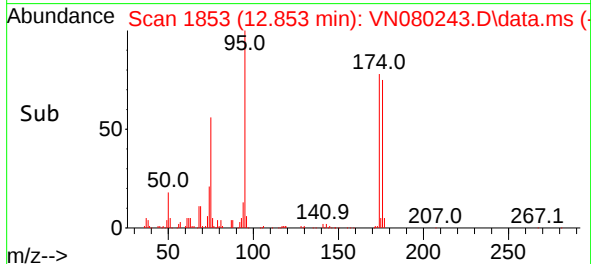
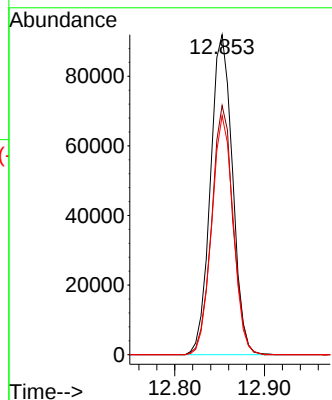
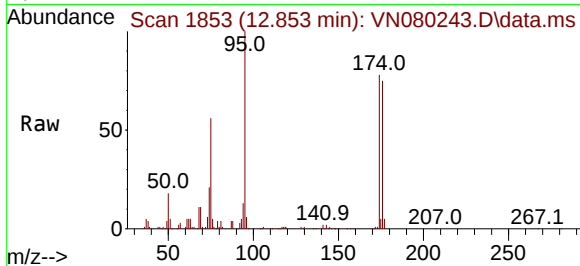




#62
4-Bromofluorobenzene
Concen: 53.362 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080243.D
Acq: 22 Nov 2023 13:18

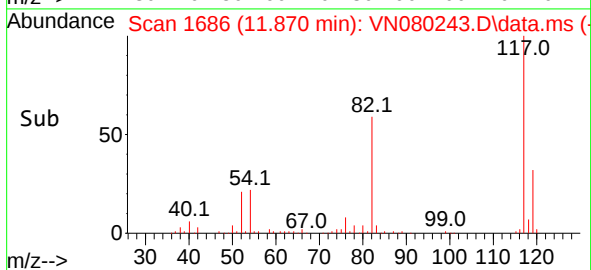
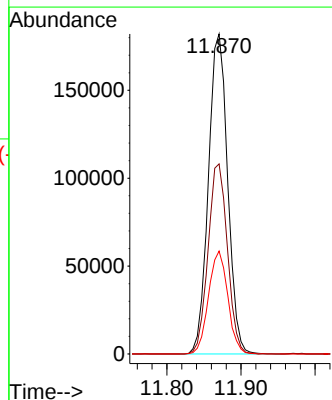
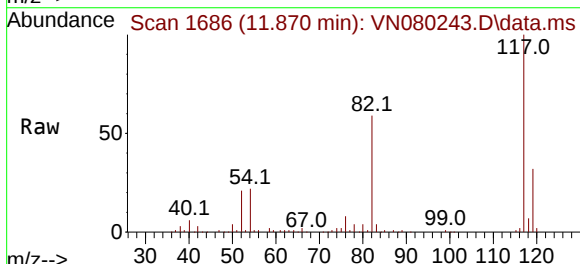
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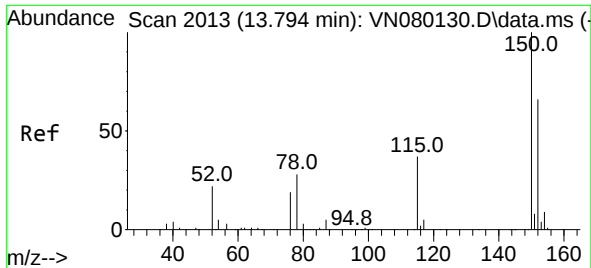
Tgt Ion: 95 Resp: 156647
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 72.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080243.D
Acq: 22 Nov 2023 13:18

Tgt Ion: 117 Resp: 328677
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 32.1 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: VN080243.D

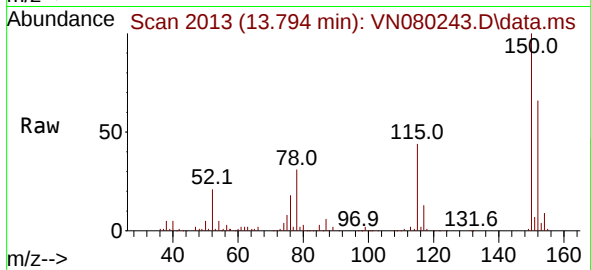
Acq: 22 Nov 2023 13:18

Instrument :

MSVOA_N

ClientSampleId :

ETGI-343



Tgt Ion:152 Resp: 136646

Ion Ratio Lower Upper

152 100

115 65.8 32.3 96.8

150 158.1 0.0 355.8

