

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081011.D
 Acq On : 12 Feb 2024 18:21
 Operator : JC\MD
 Sample : P1449-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ETGI-362

Quant Time: Feb 13 03:24:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

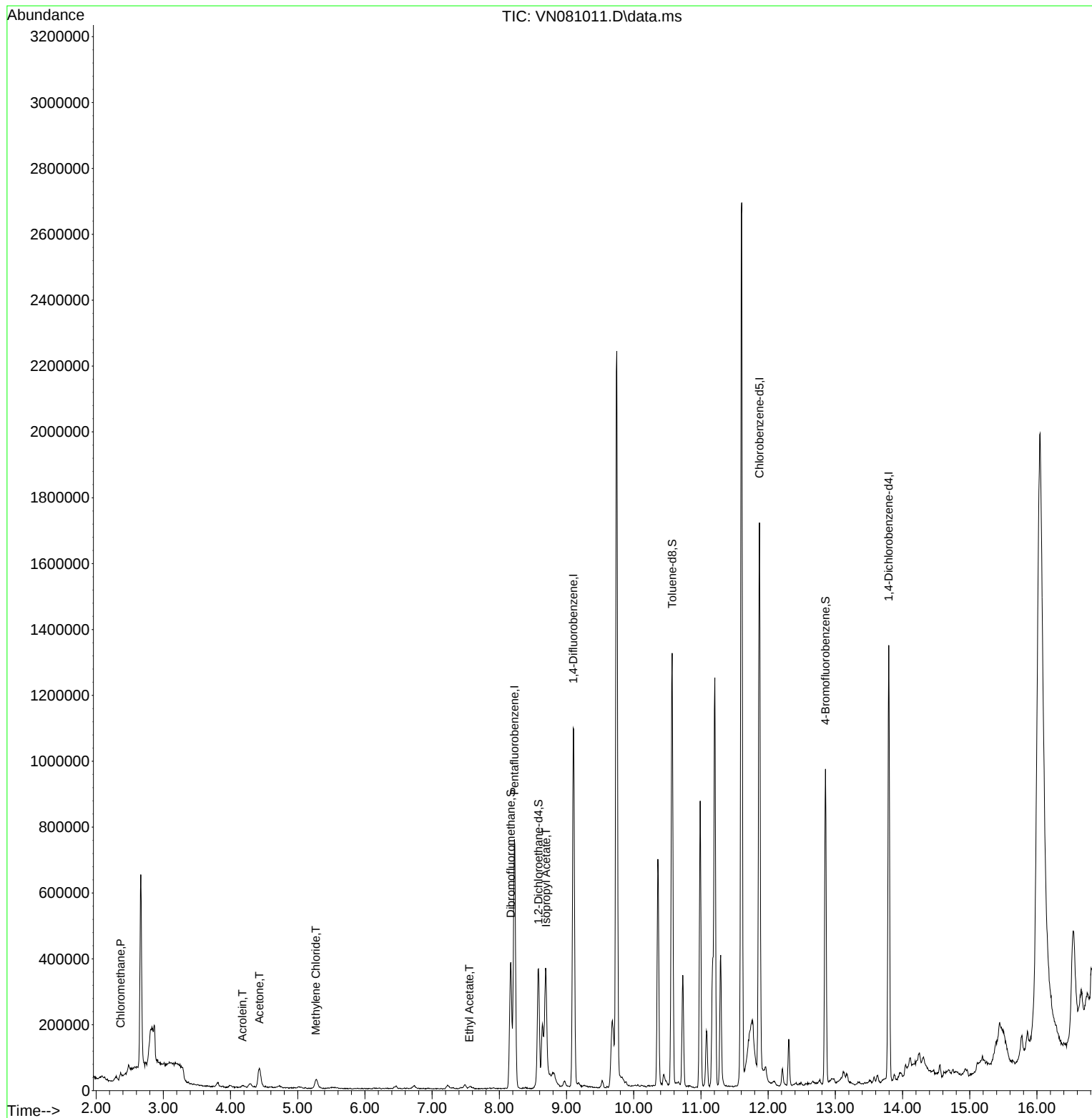
Internal Standards						
1) Pentafluorobenzene	8.224	168	588477	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	1020764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1011655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	371241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	291196	39.225	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	78.460%
35) Dibromofluoromethane	8.171	113	276847	50.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.080%
50) Toluene-d8	10.571	98	920693	46.471	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.940%
62) 4-Bromofluorobenzene	12.853	95	330037	45.855	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	20176	1.585	ug/l	100
13) Acrolein	4.177	56	8895	6.900	ug/l	# 81
16) Acetone	4.430	43	111044	45.466	ug/l	100
20) Methylene Chloride	5.271	84	22665	3.063	ug/l	# 82
37) Ethyl Acetate	7.553	43	12296	1.994	ug/l	# 83
43) Isopropyl Acetate	8.694	43	455929	40.212	ug/l	# 87

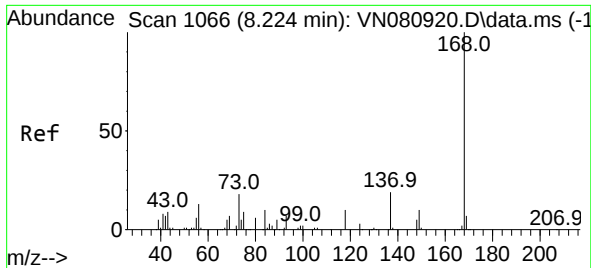
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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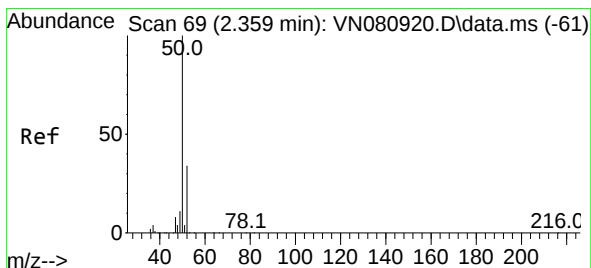
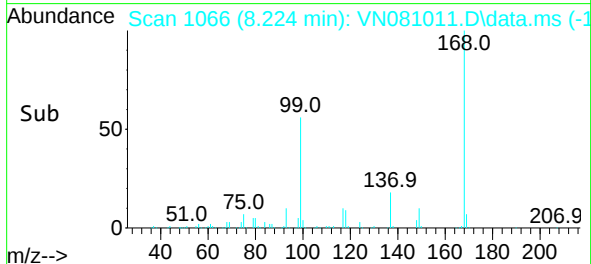
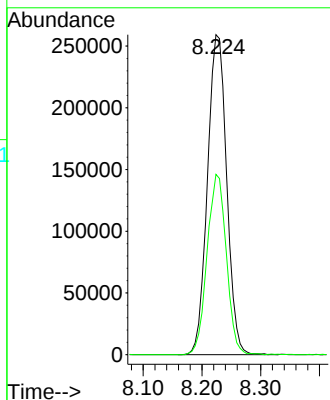
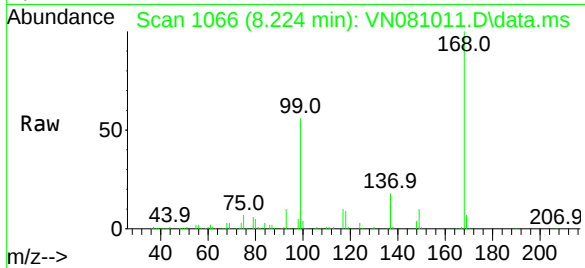




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081011.D
Acq: 12 Feb 2024 18:21

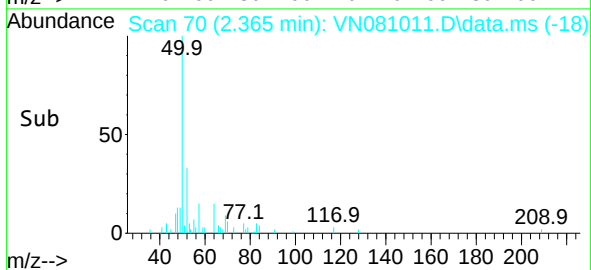
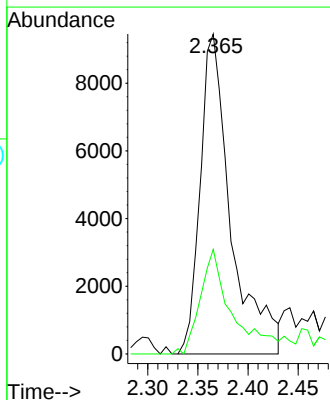
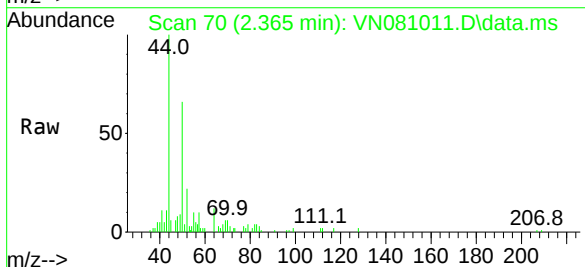
Instrument :
MSVOA_N
ClientSampleId :
ETGI-362

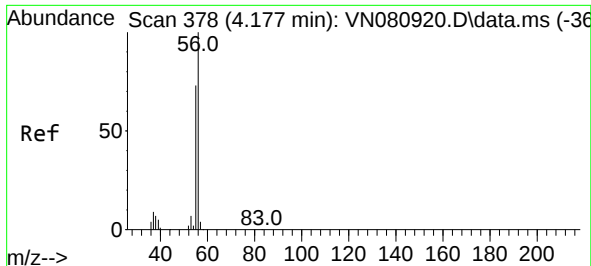
Tgt Ion:168 Resp: 588477
Ion Ratio Lower Upper
168 100
99 56.4 59.9 89.9#



#3
Chloromethane
Concen: 1.585 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081011.D
Acq: 12 Feb 2024 18:21

Tgt Ion: 50 Resp: 20176
Ion Ratio Lower Upper
50 100
52 31.1 25.0 37.4

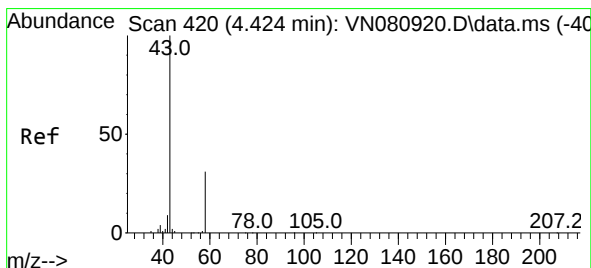
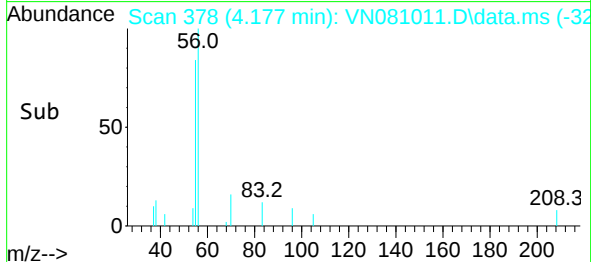
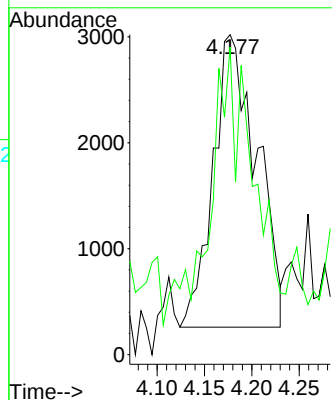
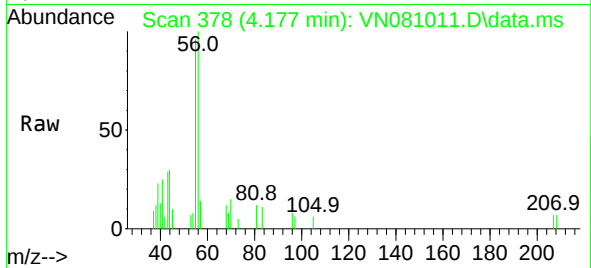




#13
Acrolein
Concen: 6.900 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081011.D
Acq: 12 Feb 2024 18:21

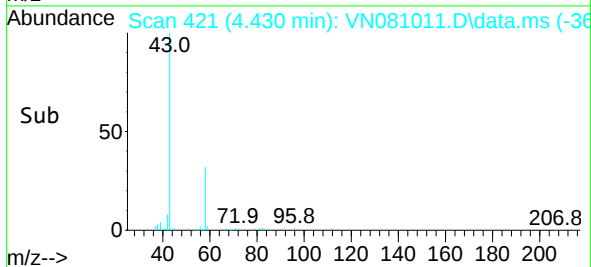
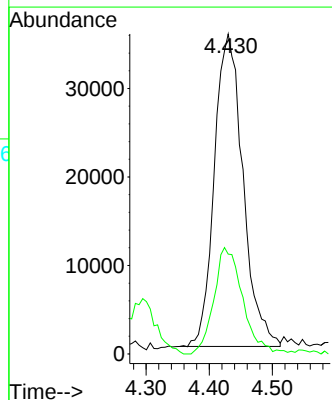
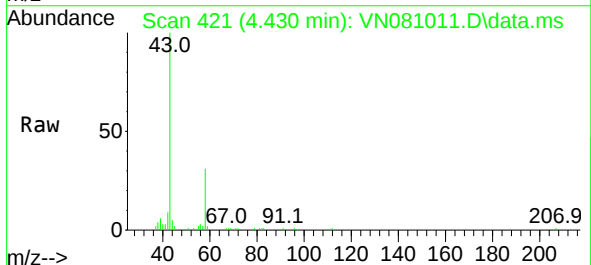
Instrument :
MSVOA_N
ClientSampleId :
ETGI-362

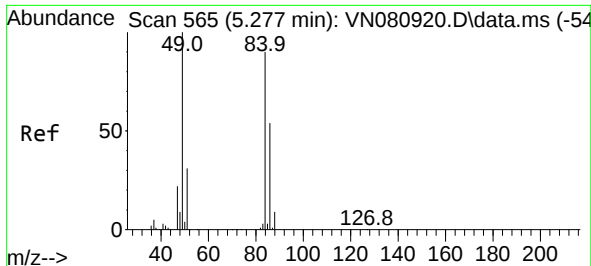
Tgt Ion: 56 Resp: 8895
Ion Ratio Lower Upper
56 100
55 53.3 55.3 82.9#



#16
Acetone
Concen: 45.466 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081011.D
Acq: 12 Feb 2024 18:21

Tgt Ion: 43 Resp: 111044
Ion Ratio Lower Upper
43 100
58 31.2 24.8 37.2

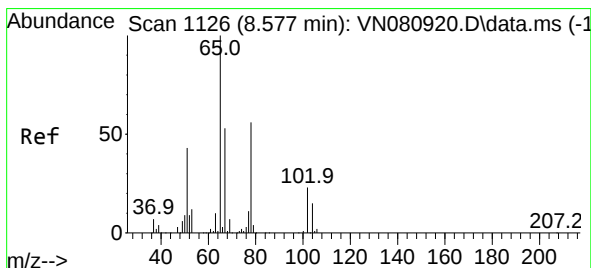
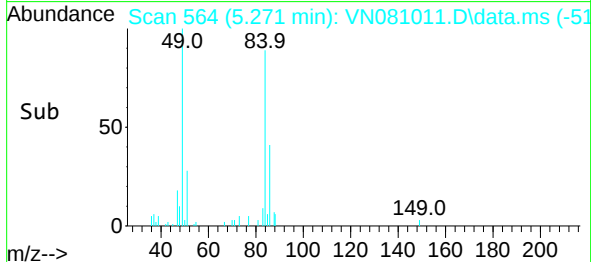
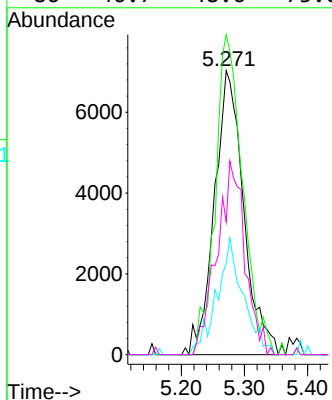
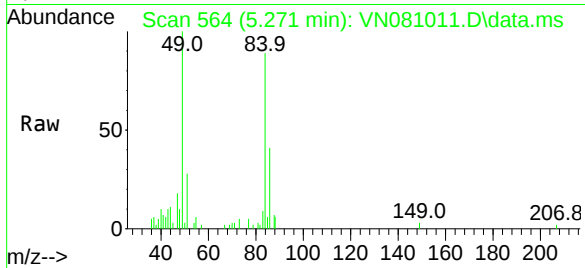




#20
Methylene Chloride
Concen: 3.063 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081011.D
Acq: 12 Feb 2024 18:21

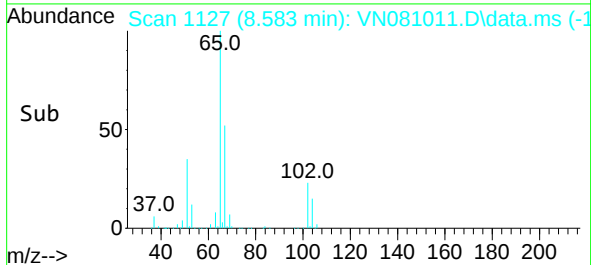
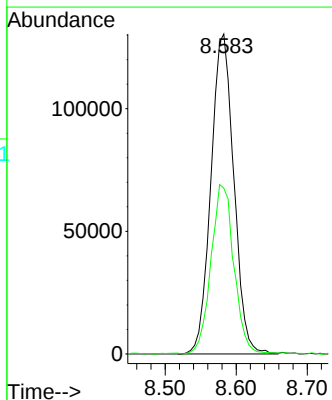
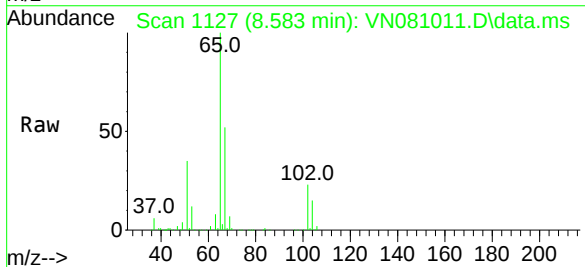
Instrument :
MSVOA_N
ClientSampleId :
ETGI-362

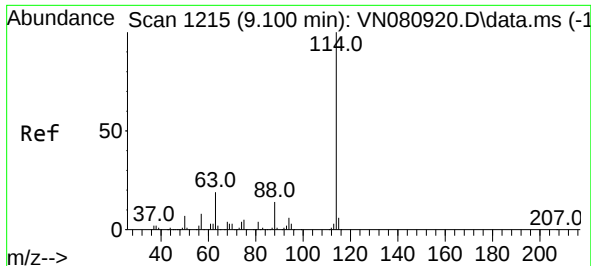
Tgt Ion: 84 Resp: 22665
Ion Ratio Lower Upper
84 100
49 112.7 108.1 162.1
51 32.1 32.9 49.3#
86 46.7 48.6 73.0#



#33
1,2-Dichloroethane-d4
Concen: 39.225 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081011.D
Acq: 12 Feb 2024 18:21

Tgt Ion: 65 Resp: 291196
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.4

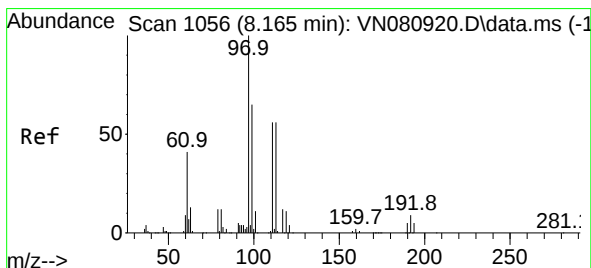
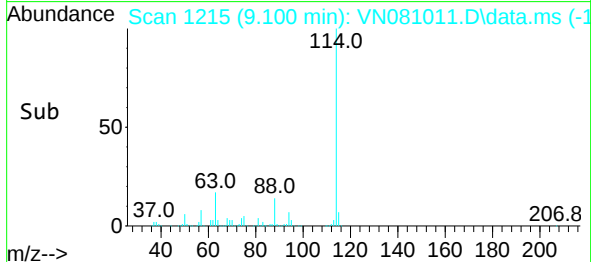
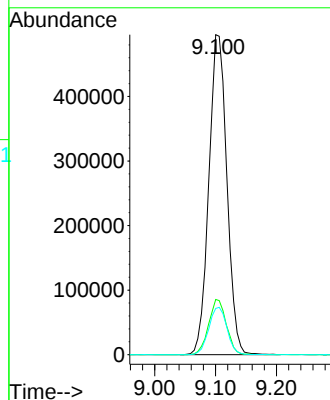
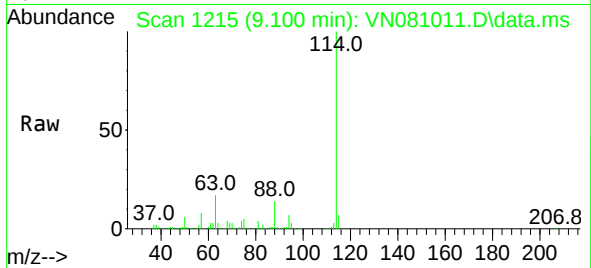




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081011.D
Acq: 12 Feb 2024 18:21

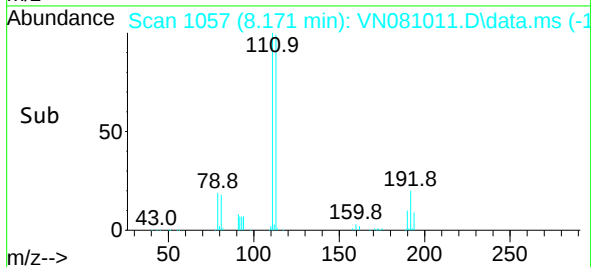
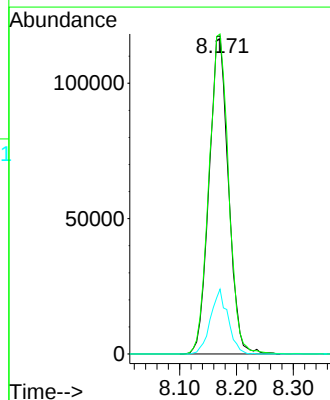
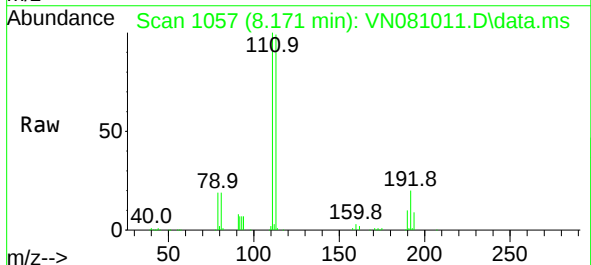
Instrument :
MSVOA_N
ClientSampleId :
ETGI-362

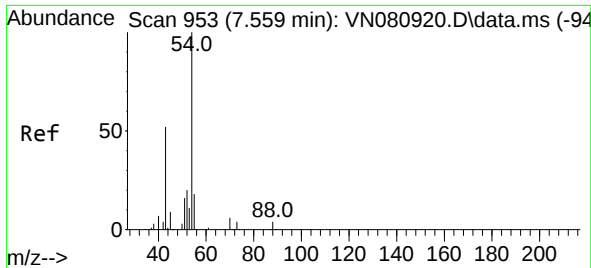
Tgt Ion:114 Resp: 1020764
Ion Ratio Lower Upper
114 100
63 17.2 0.0 48.0
88 14.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.543 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081011.D
Acq: 12 Feb 2024 18:21

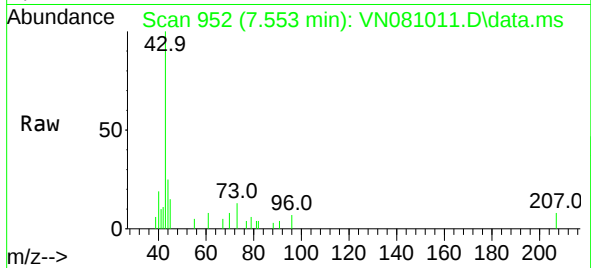
Tgt Ion:113 Resp: 276847
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 18.4 12.5 18.7



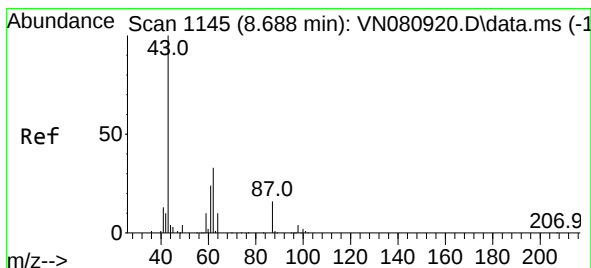
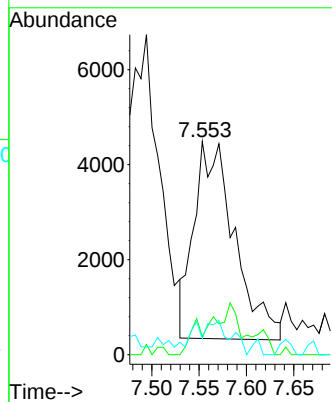
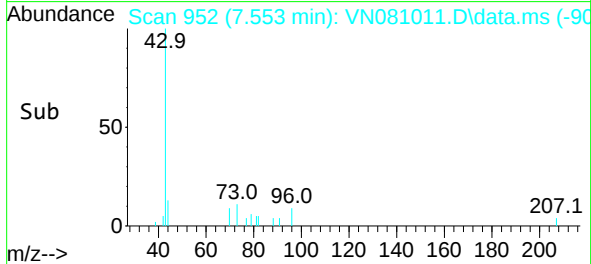


#37
Ethyl Acetate
Concen: 1.994 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081011.D
Acq: 12 Feb 2024 18:21

Instrument :
MSVOA_N
ClientSampleId :
ETGI-362

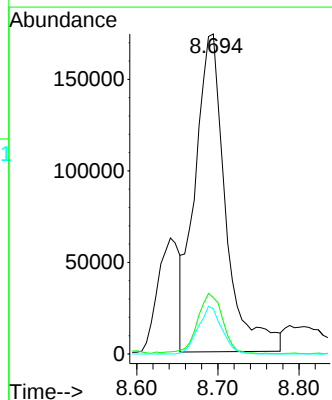
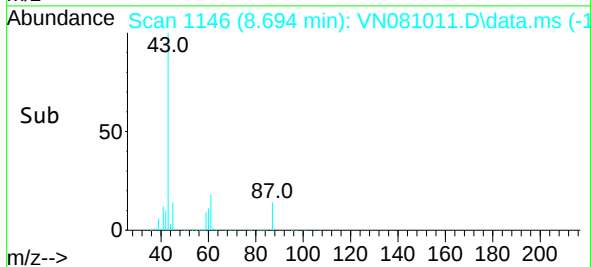
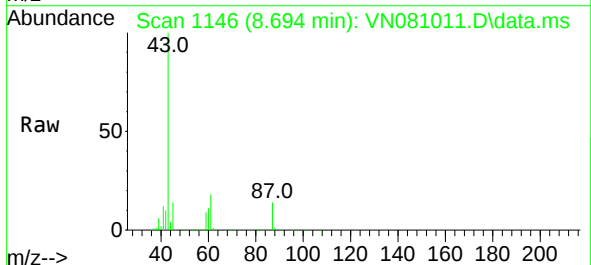


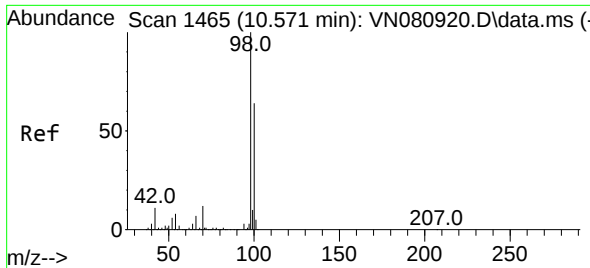
Tgt Ion: 43 Resp: 12296
Ion Ratio Lower Upper
43 100
61 5.2 10.6 15.8#
70 5.6 8.0 12.0#



#43
Isopropyl Acetate
Concen: 40.212 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081011.D
Acq: 12 Feb 2024 18:21

Tgt Ion: 43 Resp: 455929
Ion Ratio Lower Upper
43 100
61 15.8 19.9 29.9#
87 11.5 9.0 13.6

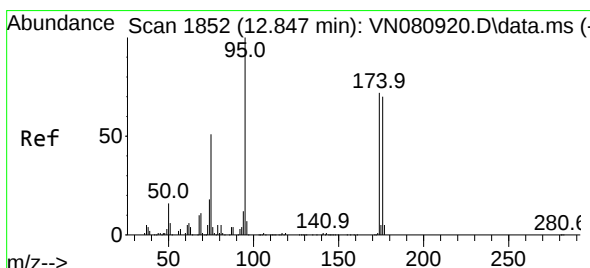
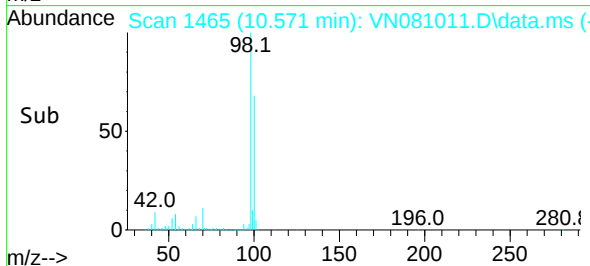
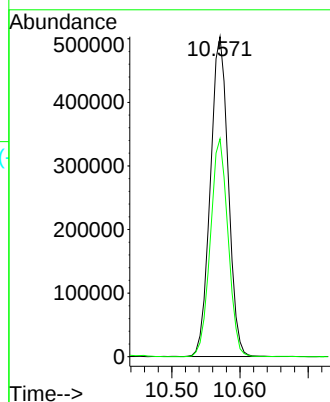
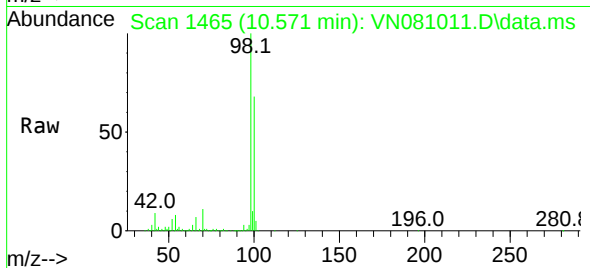




#50
Toluene-d8
Concen: 46.471 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081011.D
Acq: 12 Feb 2024 18:21

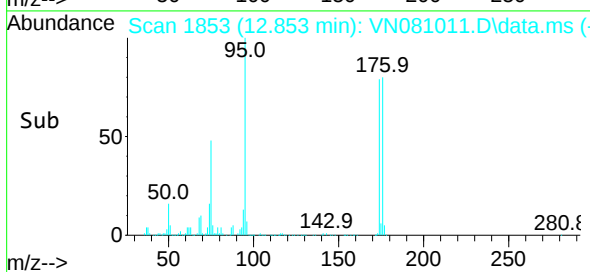
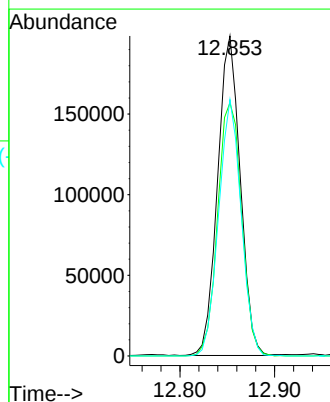
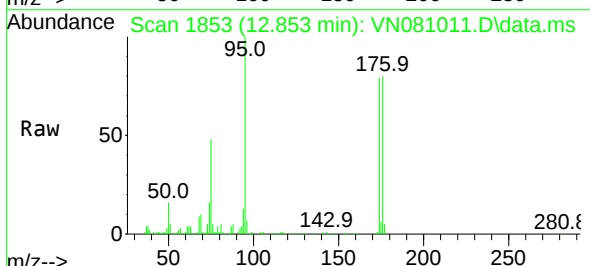
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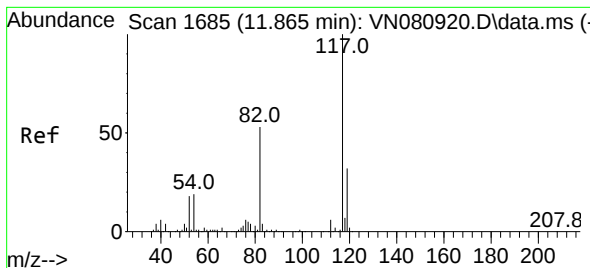
Tgt Ion: 98 Resp: 920693
Ion Ratio Lower Upper
98 100
100 67.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.855 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081011.D
Acq: 12 Feb 2024 18:21

Tgt Ion: 95 Resp: 330037
Ion Ratio Lower Upper
95 100
174 83.6 0.0 120.4
176 79.6 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081011.D

Acq: 12 Feb 2024 18:21

Instrument :

MSVOA_N

ClientSampleId :

ETGI-362

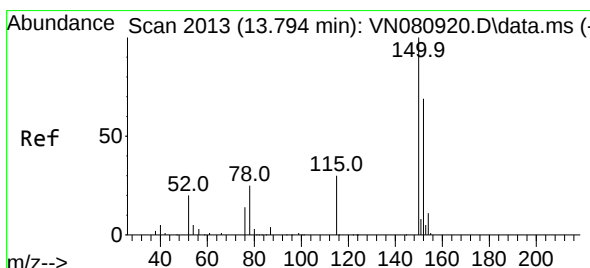
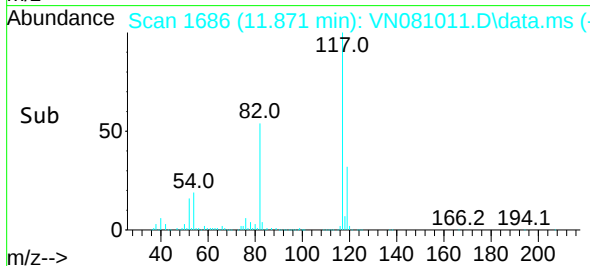
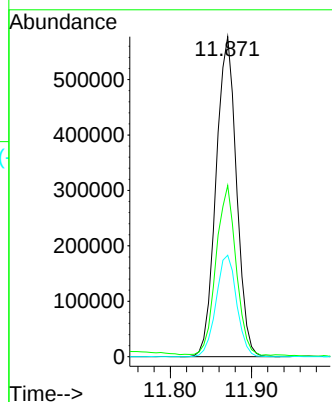
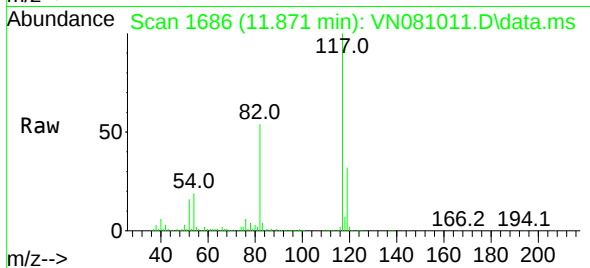
Tgt Ion:117 Resp: 1011655

Ion Ratio Lower Upper

117 100

82 53.0 52.7 79.1

119 31.7 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081011.D

Acq: 12 Feb 2024 18:21

Tgt Ion:152 Resp: 371241

Ion Ratio Lower Upper

152 100

115 59.5 32.3 96.8

150 155.2 0.0 339.8

