

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050922\
 Data File : VX028568.D
 Acq On : 09 May 2022 13:40
 Operator : JC/MD
 Sample : N2650-01ME
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-349

Quant Time: May 09 15:51:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

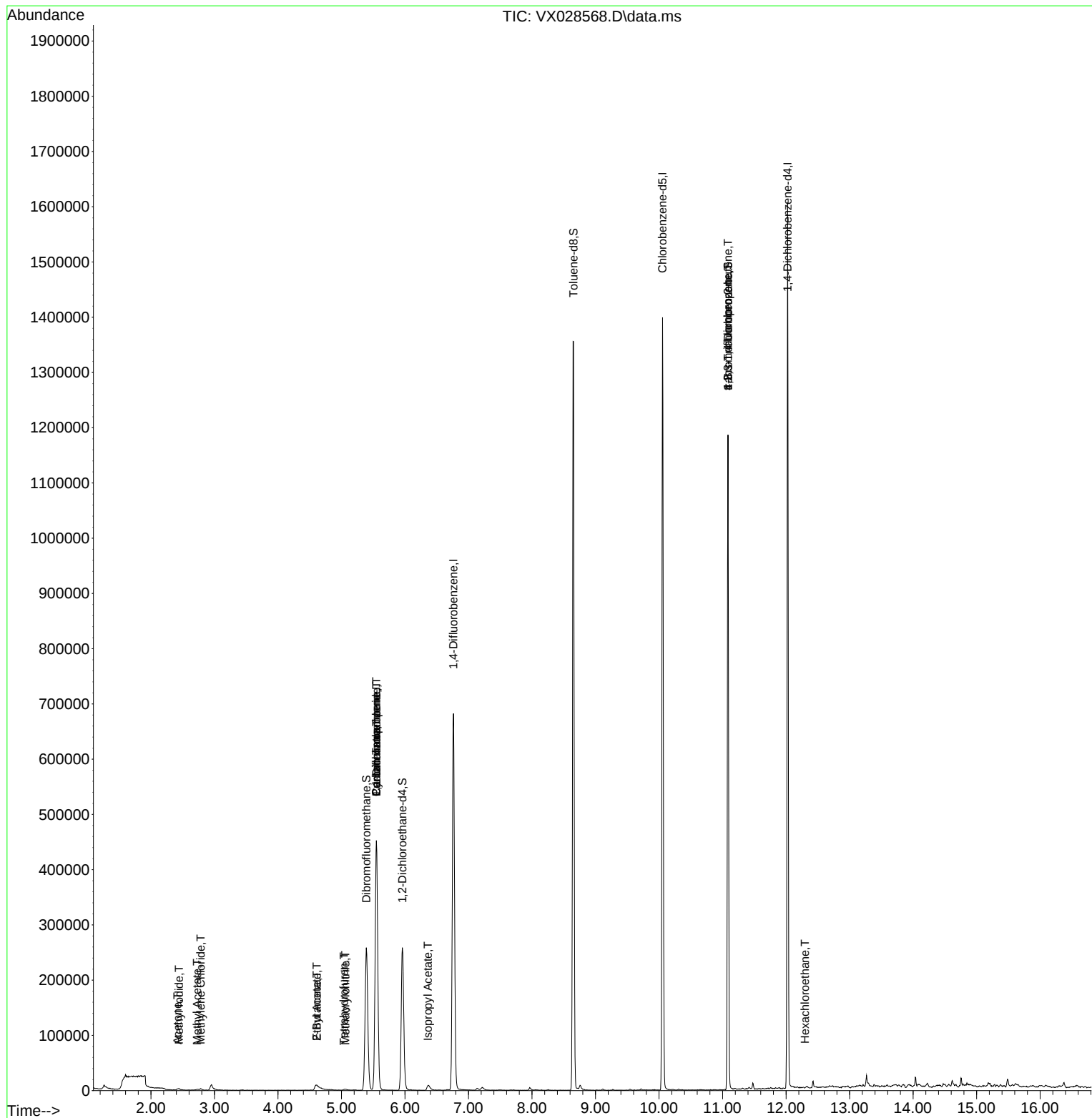
Internal Standards						
1) Pentafluorobenzene	5.550	168	465729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	756404	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	691435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	341102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	251835	41.471	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	82.940%		
35) Dibromofluoromethane	5.391	113	231148	43.575	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	87.140%		
50) Toluene-d8	8.653	98	863122	42.364	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	84.720%		
62) 4-Bromofluorobenzene	11.085	95	309099	39.678	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	79.360%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	749	Below Cal	#	77
5) Bromomethane	1.599	94	2069	Below Cal		98
6) Chloroethane	1.654	64	159	Below Cal	#	69
8) Diethyl Ether	2.105	74	102	Below Cal	#	1
10) Methyl Iodide	2.440	142	1832	5.552	ug/l	98
11) Tert butyl alcohol	2.959	59	7054	Below Cal	#	73
16) Acetone	2.416	43	2974	0.209	ug/l #	79
18) Methyl Acetate	2.727	43	2231	0.413	ug/l #	88
20) Methylene Chloride	2.782	84	1189	0.264	ug/l	93
25) 2-Butanone	4.611	43	29788	8.283	ug/l	99
29) Tetrahydrofuran	5.038	42	610	0.260	ug/l #	25
31) Cyclohexane	5.550	56	8178	1.105	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	31740	4.587	ug/l #	50
37) Ethyl Acetate	4.611	43	29788	4.243	ug/l #	65
38) Carbon Tetrachloride	5.550	117	44175	5.655	ug/l #	15
41) Methacrylonitrile	5.062	41	1269	0.350	ug/l #	30
43) Isopropyl Acetate	6.360	43	5559	0.486	ug/l #	56
76) 1,2,3-Trichloropropane	11.085	75	153727	22.900	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	153727	68.051	ug/l #	15
90) Hexachloroethane	12.298	117	91	1.837	ug/l	74

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

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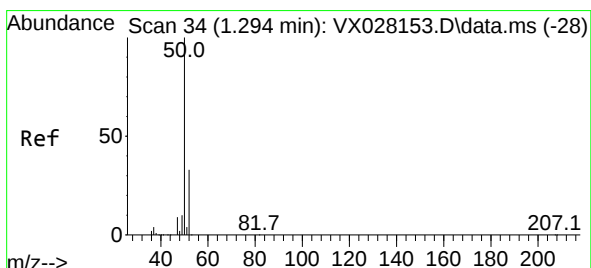
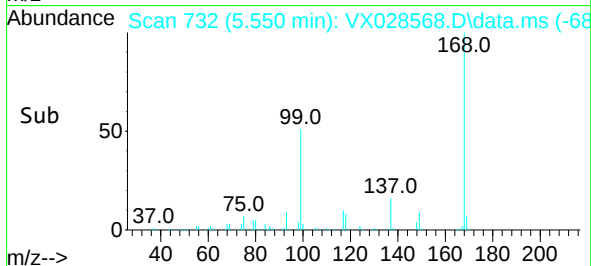
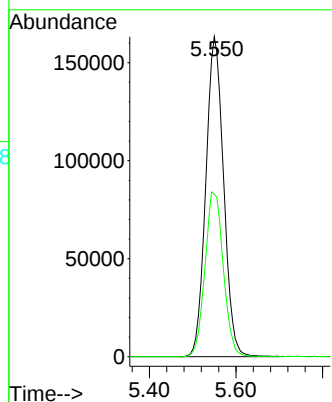
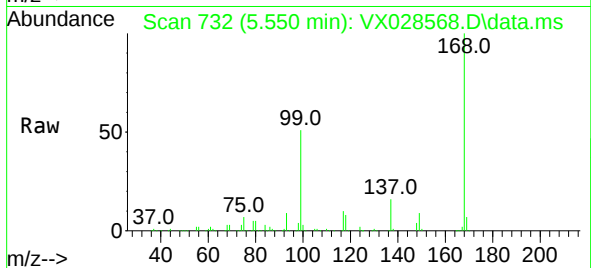




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

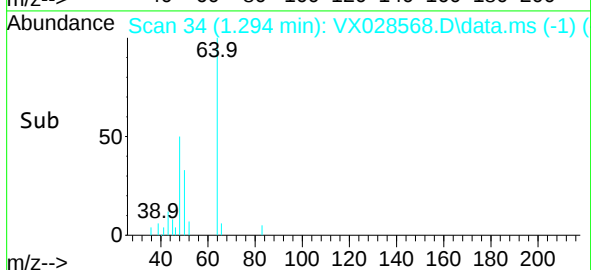
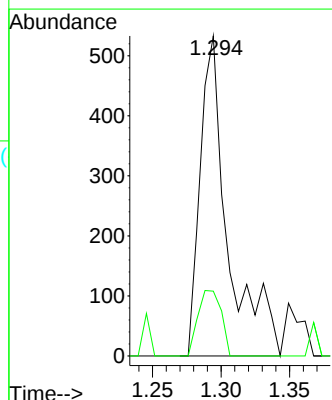
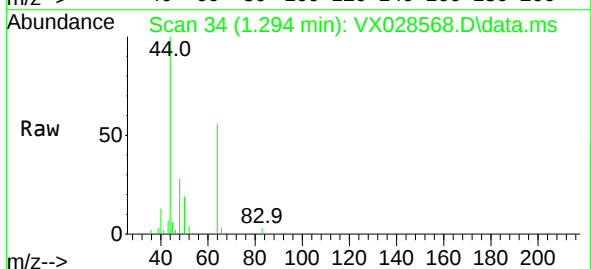
Instrument :
MSVOA_X
ClientSampleId :
ETGI-349

Tgt Ion:168 Resp: 465729
Ion Ratio Lower Upper
168 100
99 50.8 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

Tgt Ion: 50 Resp: 749
Ion Ratio Lower Upper
50 100
52 20.3 26.4 39.6#

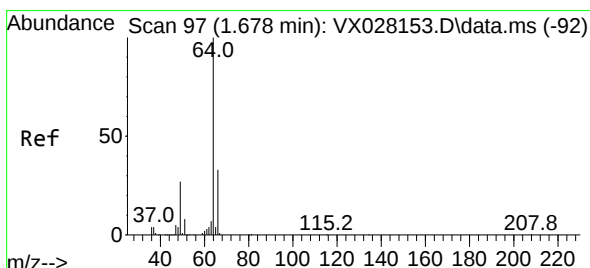
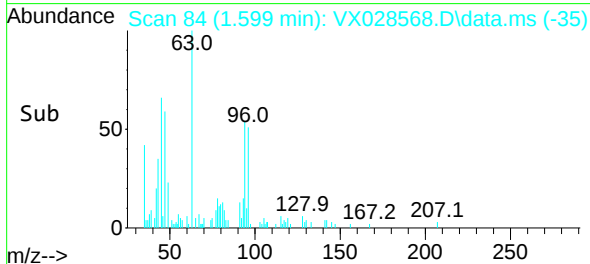
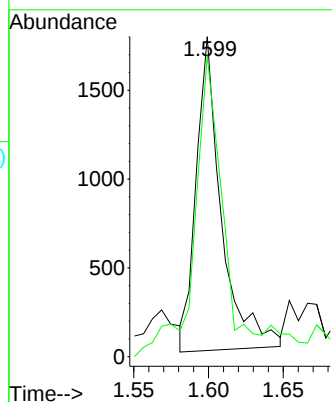
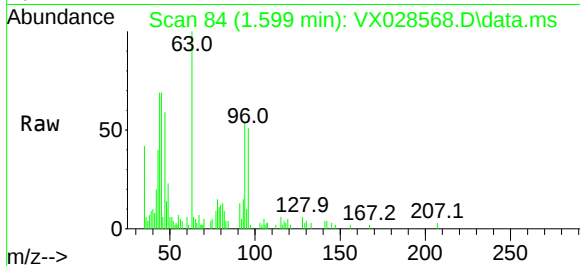




#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

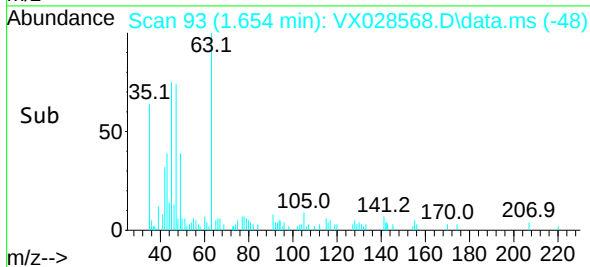
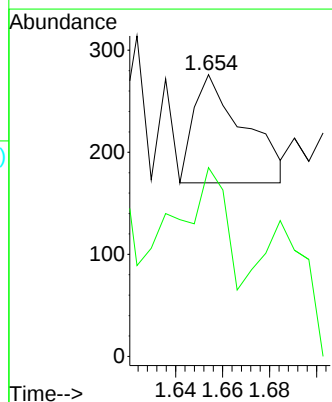
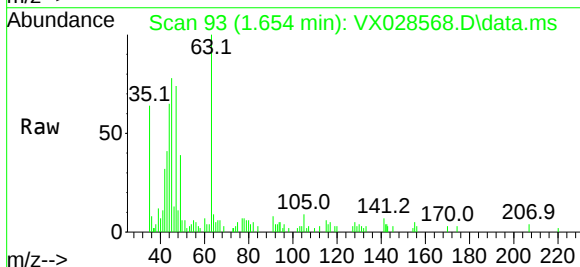
Instrument :
MSVOA_X
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ETGI-349

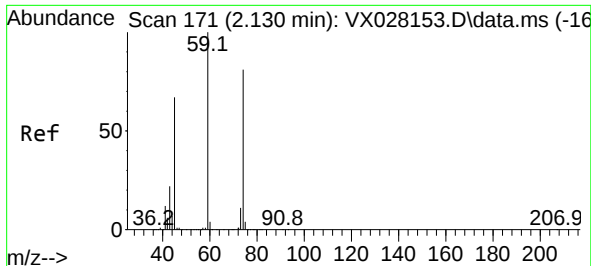
Tgt Ion: 94 Resp: 2069
Ion Ratio Lower Upper
94 100
96 92.4 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 93
Delta R.T. -0.024 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

Tgt Ion: 64 Resp: 159
Ion Ratio Lower Upper
64 100
66 49.1 25.3 37.9

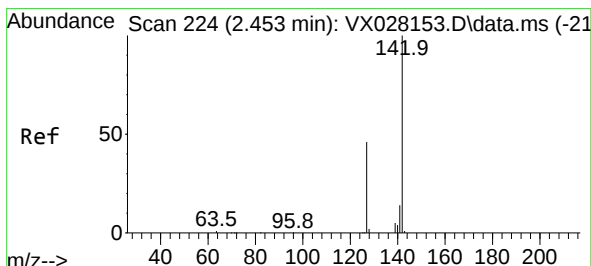
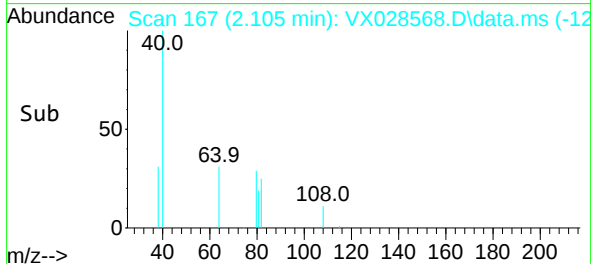
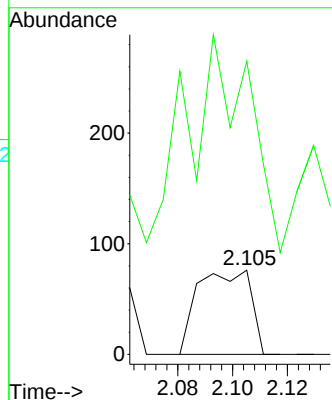
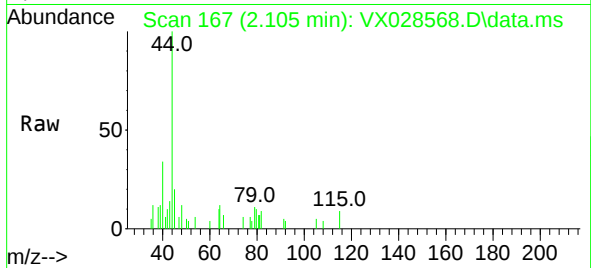




#8
Diethyl Ether
Concen: Below Cal
RT: 2.105 min Scan# 1
Delta R.T. -0.025 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

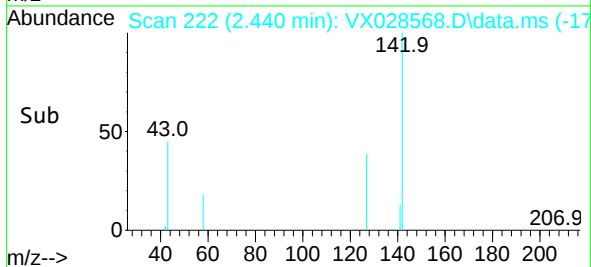
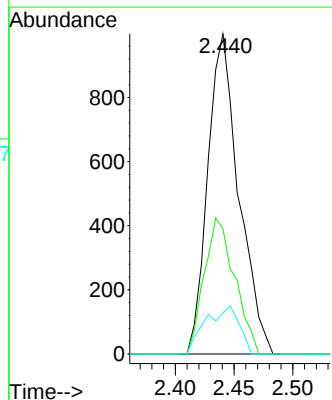
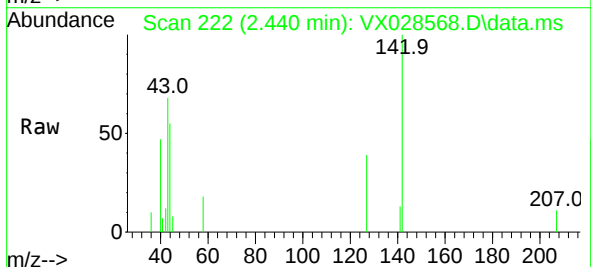
Instrument :
MSVOA_X
ClientSampleId :
ETGI-349

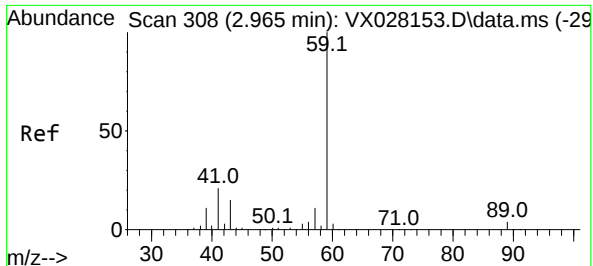
Tgt Ion: 74 Resp: 102
Ion Ratio Lower Upper
74 100
45 301.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.552 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.013 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

Tgt Ion:142 Resp: 1832
Ion Ratio Lower Upper
142 100
127 41.8 33.9 50.9
141 16.2 11.4 17.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX028568.D

Acq: 09 May 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

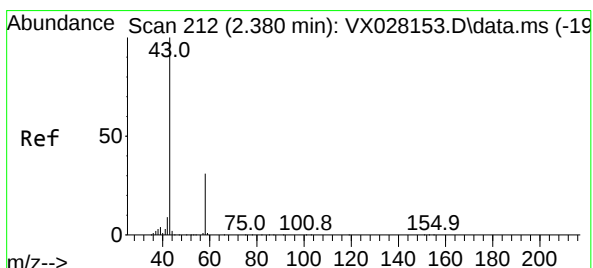
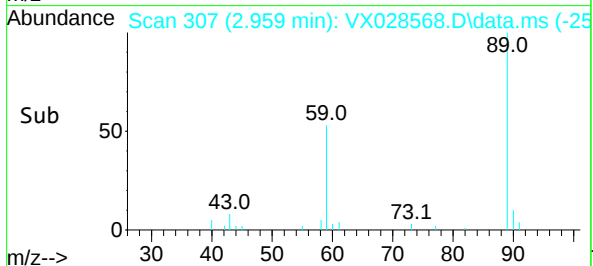
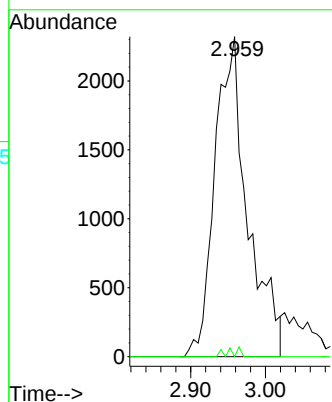
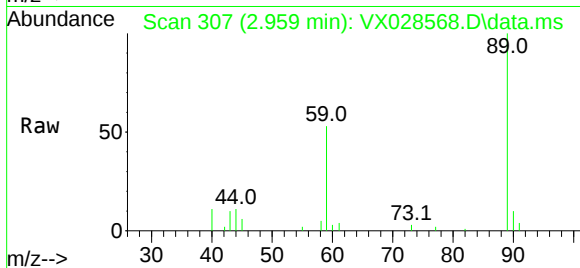
ETGI-349

Tgt Ion: 59 Resp: 7054

Ion Ratio Lower Upper

59 100

57 0.3 8.3 12.5#



#16

Acetone

Concen: 0.209 ug/l

RT: 2.416 min Scan# 218

Delta R.T. 0.036 min

Lab File: VX028568.D

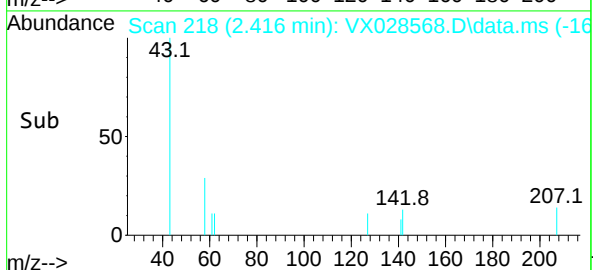
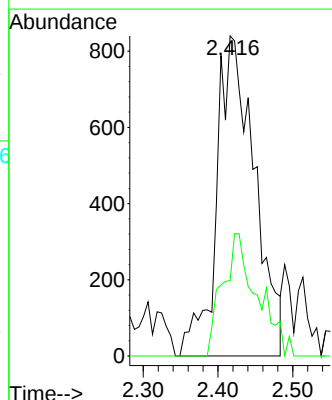
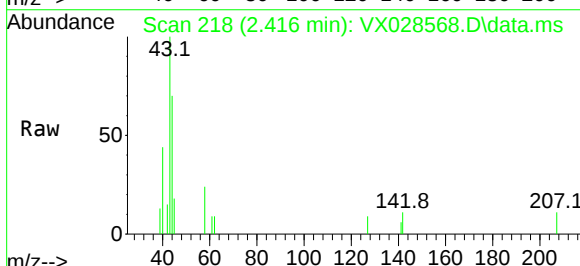
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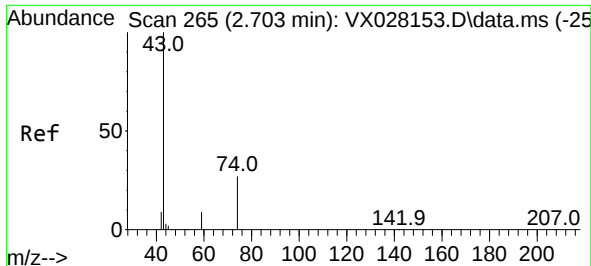
Tgt Ion: 43 Resp: 2974

Ion Ratio Lower Upper

43 100

58 23.6 28.8 43.2#

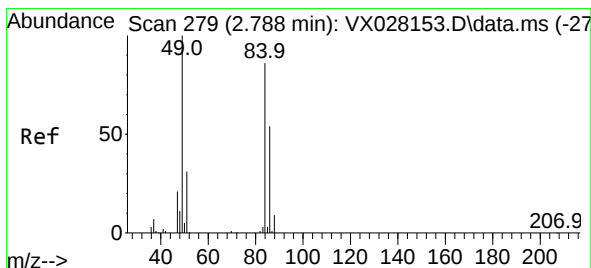
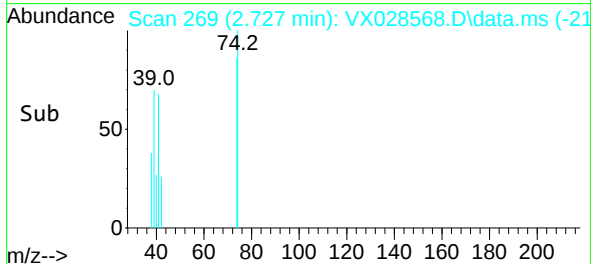
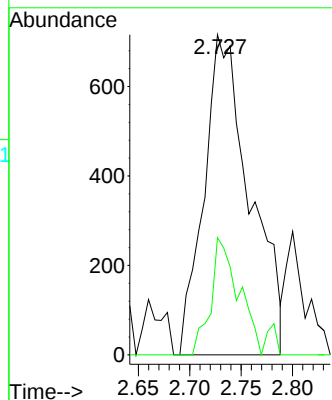
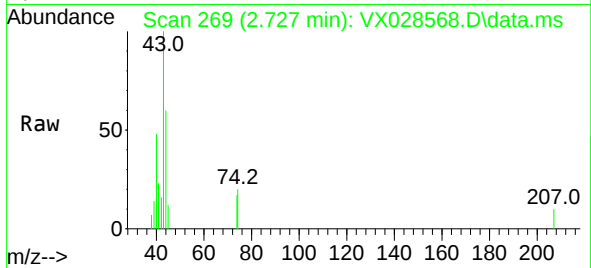




#18
Methyl Acetate
Concen: 0.413 ug/l
RT: 2.727 min Scan# 20
Delta R.T. 0.024 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

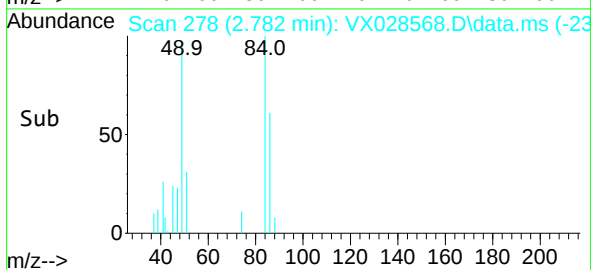
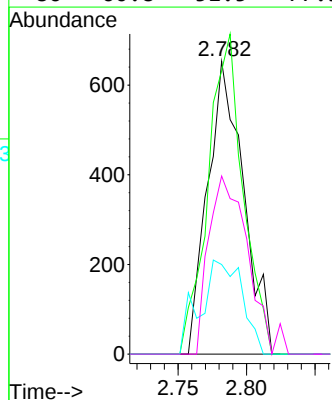
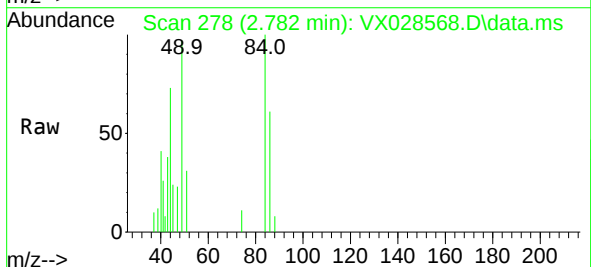
Instrument :
MSVOA_X
ClientSampleId :
ETGI-349

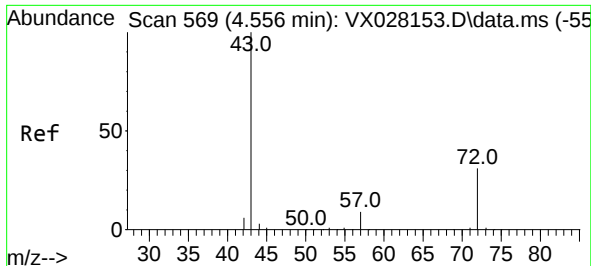
Tgt Ion: 43 Resp: 2231
Ion Ratio Lower Upper
43 100
74 22.2 22.8 34.2#



#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

Tgt Ion: 84 Resp: 1189
Ion Ratio Lower Upper
84 100
49 96.8 85.5 128.3
51 30.6 26.6 39.8
86 60.8 51.5 77.3





#25

2-Butanone

Concen: 8.283 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.055 min

Lab File: VX028568.D

Acq: 09 May 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

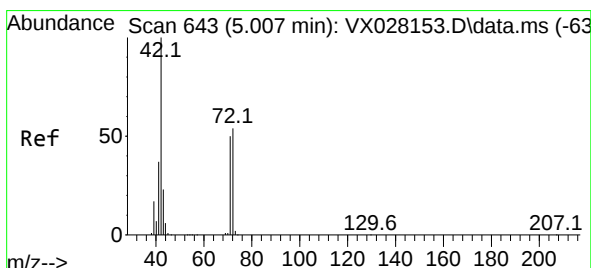
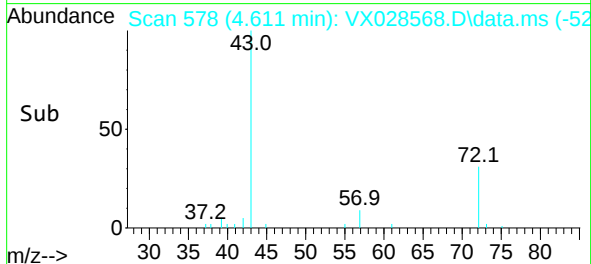
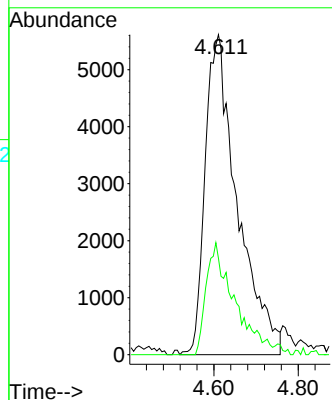
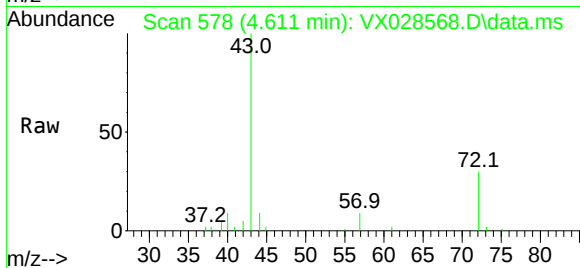
ETGI-349

Tgt Ion: 43 Resp: 29788

Ion Ratio Lower Upper

43 100

72 30.2 24.4 36.6



#29

Tetrahydrofuran

Concen: 0.260 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.031 min

Lab File: VX028568.D

Acq: 09 May 2022 13:40

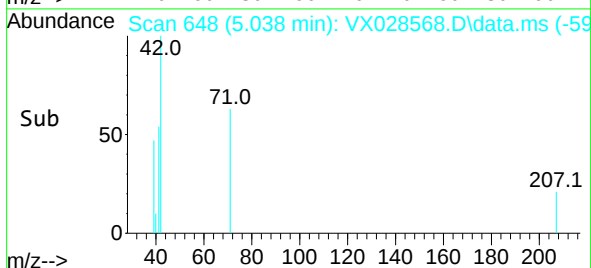
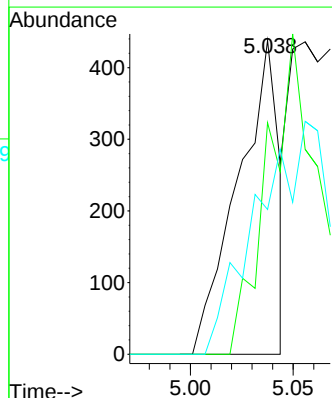
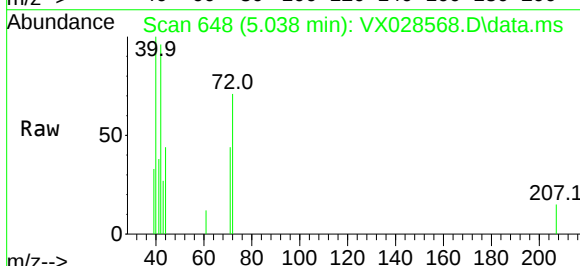
Tgt Ion: 42 Resp: 610

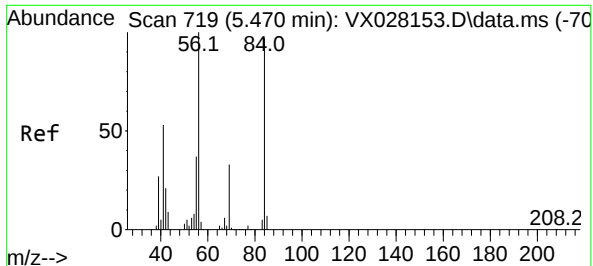
Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

71 0.0 40.5 60.7#

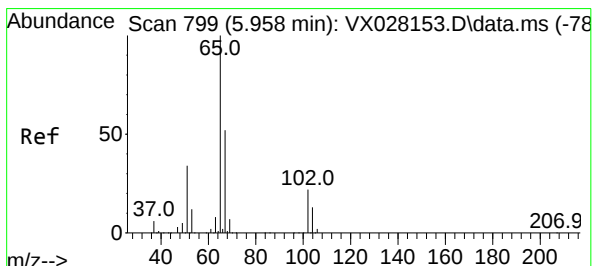
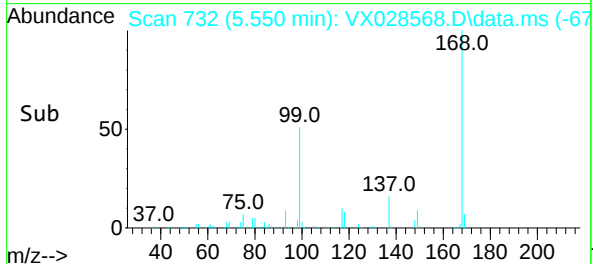
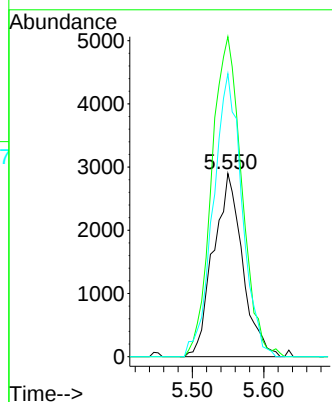
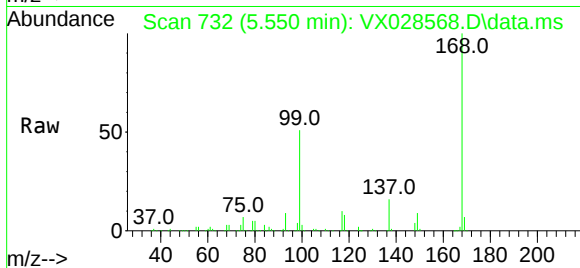




#31
Cyclohexane
Concen: 1.105 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

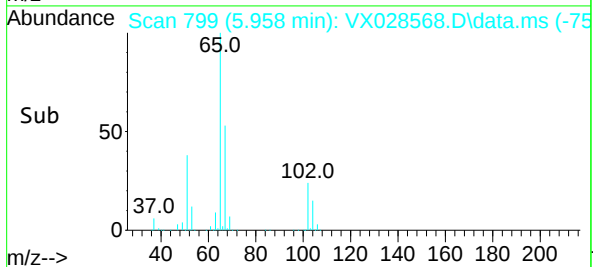
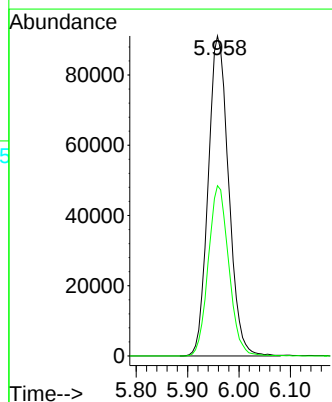
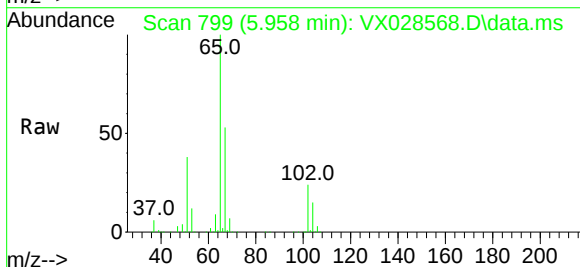
Instrument :
MSVOA_X
ClientSampleId :
ETGI-349

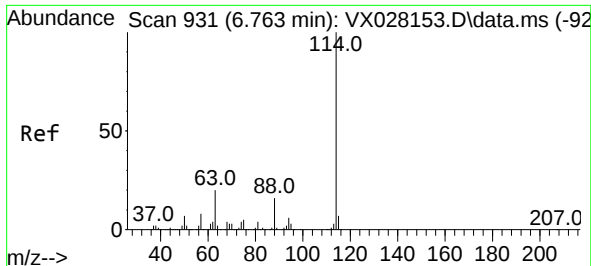
Tgt Ion: 56 Resp: 8178
Ion Ratio Lower Upper
56 100
69 174.7 26.7 40.1#
84 154.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 41.471 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

Tgt Ion: 65 Resp: 251835
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.4

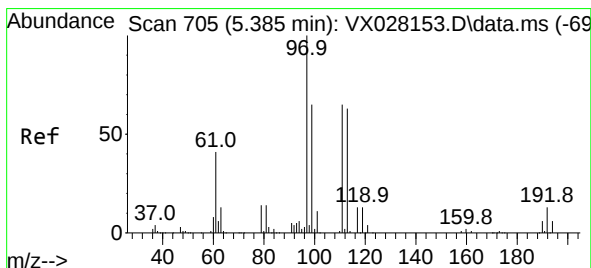
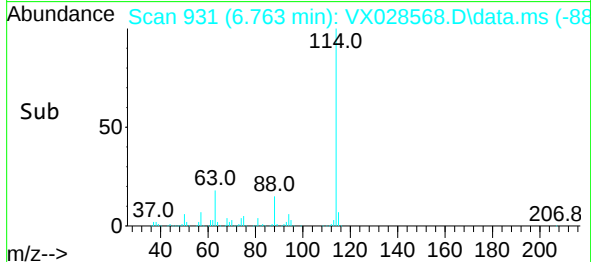
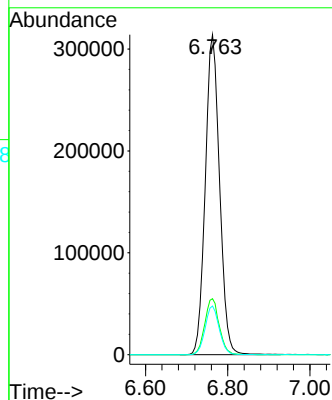
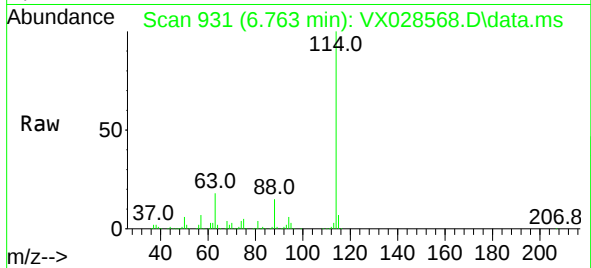




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

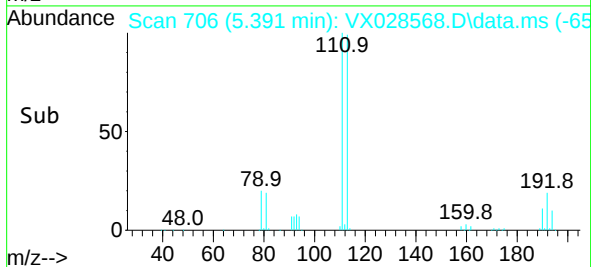
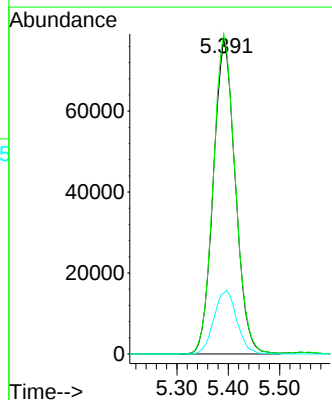
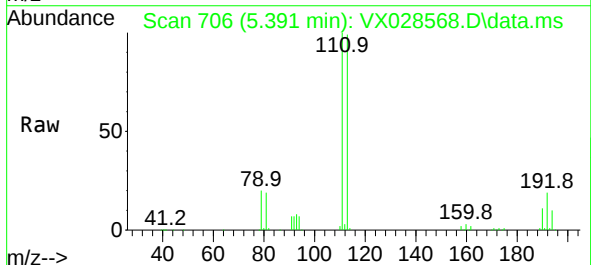
Instrument :
MSVOA_X
ClientSampleId :
ETGI-349

Tgt Ion:114 Resp: 756404
Ion Ratio Lower Upper
114 100
63 17.5 0.0 36.8
88 15.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 43.575 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

Tgt Ion:113 Resp: 231148
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 21.0 16.9 25.3

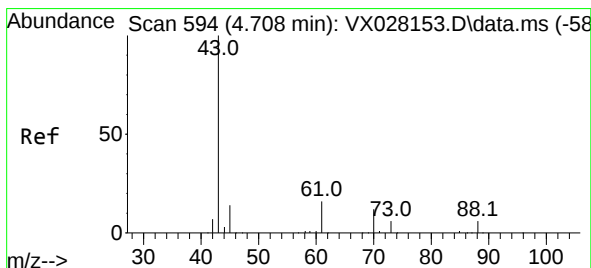
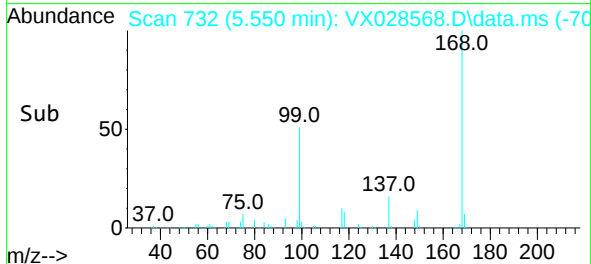
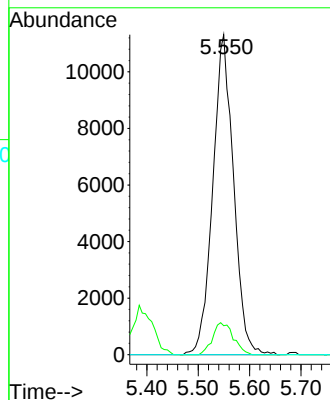
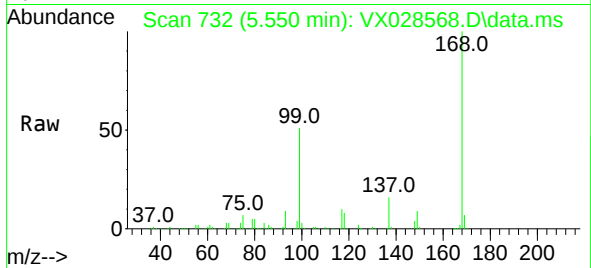




#36
1,1-Dichloropropene
Concen: 4.587 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

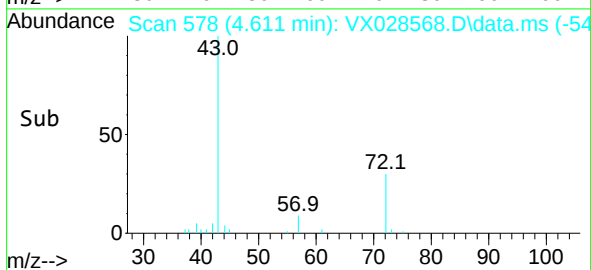
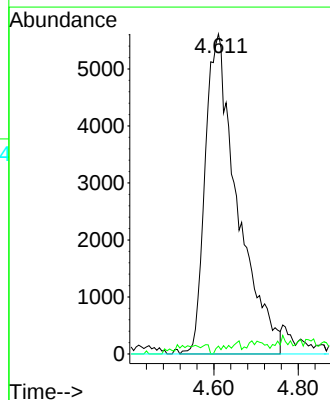
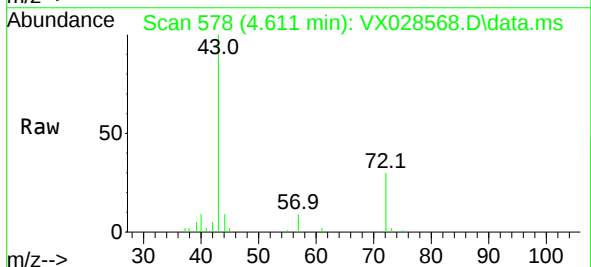
Instrument :
MSVOA_X
ClientSampleId :
ETGI-349

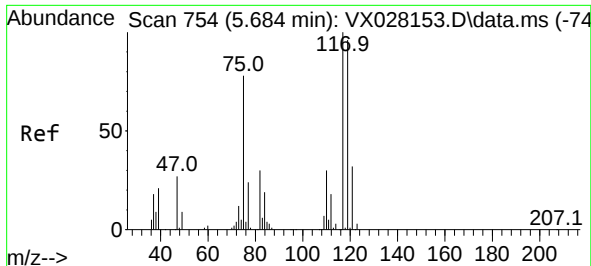
Tgt Ion: 75 Resp: 31740
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 4.243 ug/l
RT: 4.611 min Scan# 578
Delta R.T. -0.097 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

Tgt Ion: 43 Resp: 29788
Ion Ratio Lower Upper
43 100
61 0.4 12.6 19.0#
70 0.0 10.2 15.2#

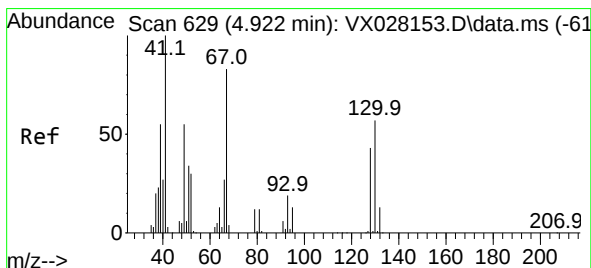
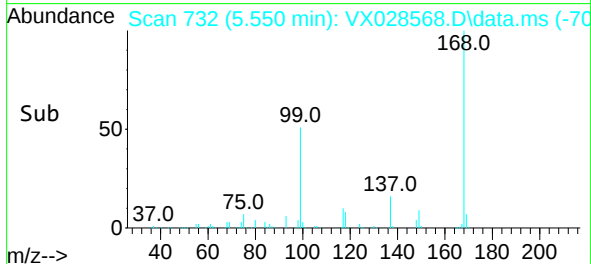
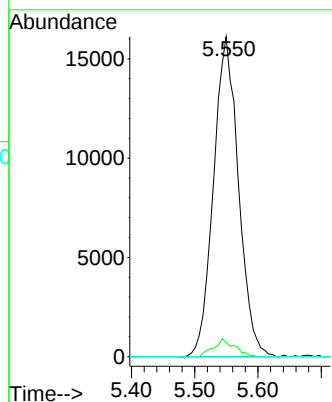
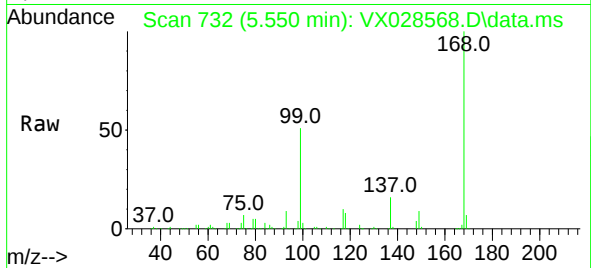




#38
Carbon Tetrachloride
Concen: 5.655 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

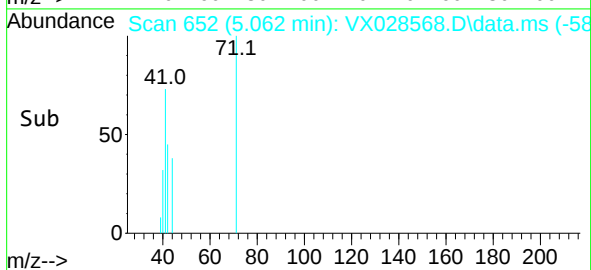
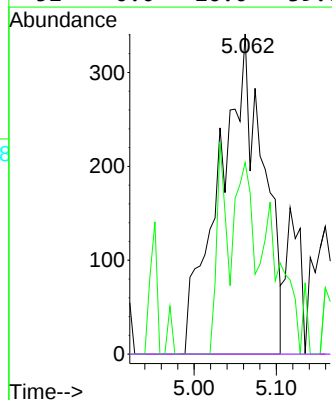
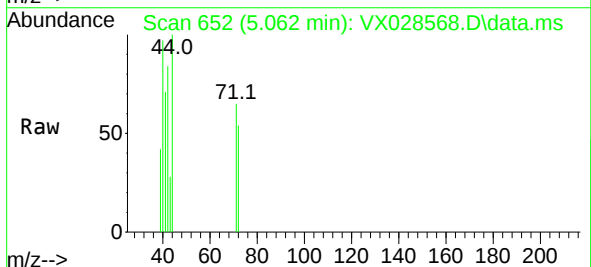
Instrument :
MSVOA_X
ClientSampleId :
ETGI-349

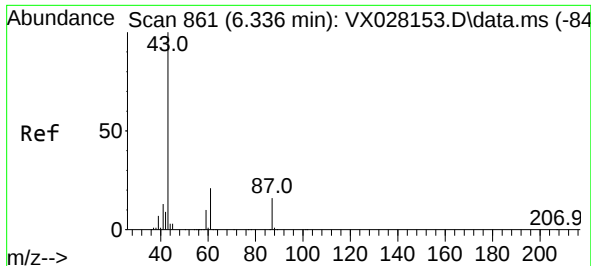
Tgt Ion:117 Resp: 44175
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 0.350 ug/l
RT: 5.062 min Scan# 652
Delta R.T. 0.140 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

Tgt Ion: 41 Resp: 1269
Ion Ratio Lower Upper
41 100
39 26.1 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

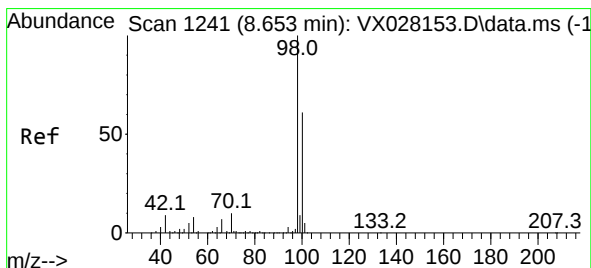
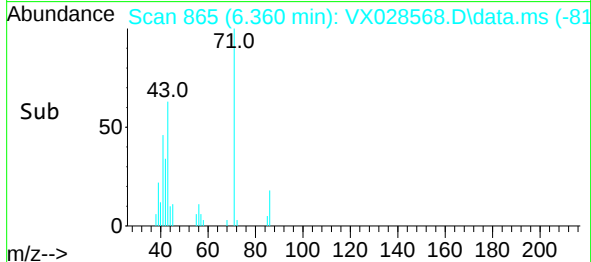
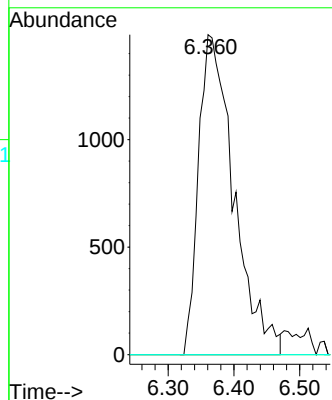
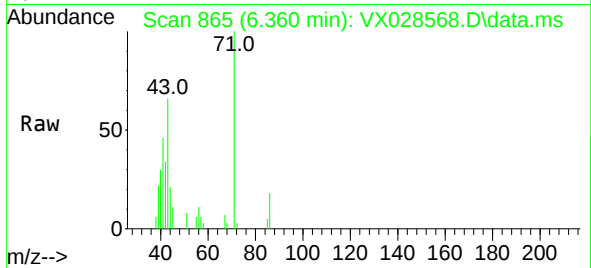




#43
Isopropyl Acetate
Concen: 0.486 ug/l
RT: 6.360 min Scan# 861
Delta R.T. 0.024 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

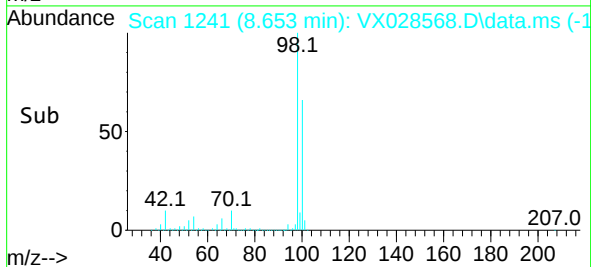
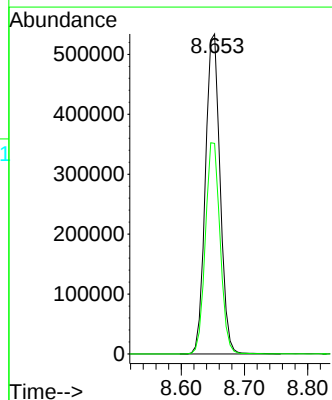
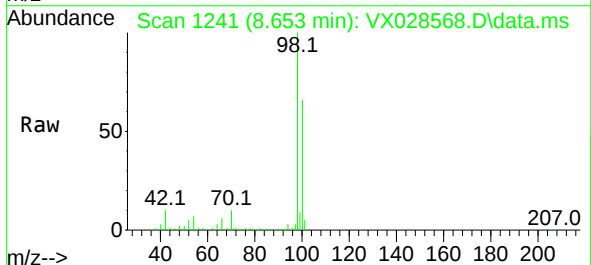
Instrument :
MSVOA_X
ClientSampleId :
ETGI-349

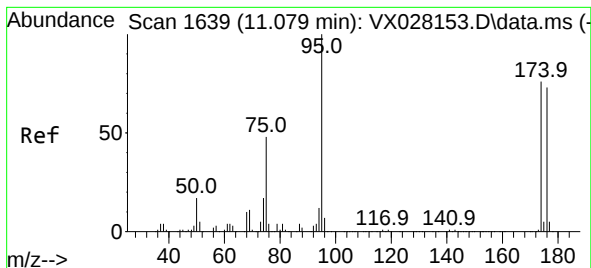
Tgt Ion: 43 Resp: 5559
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#



#50
Toluene-d8
Concen: 42.364 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

Tgt Ion: 98 Resp: 863122
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

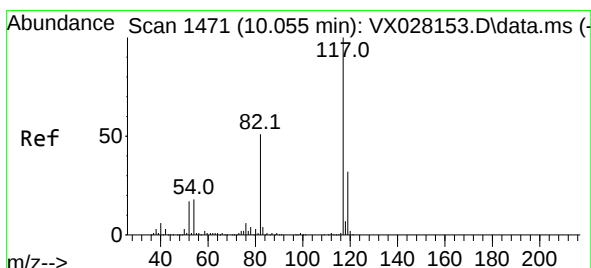
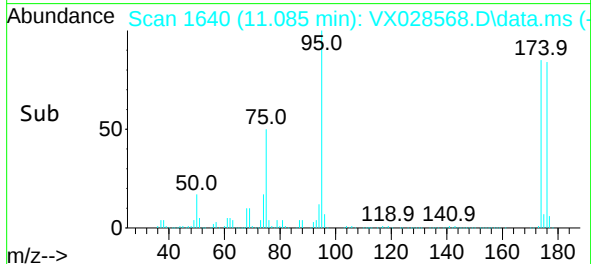
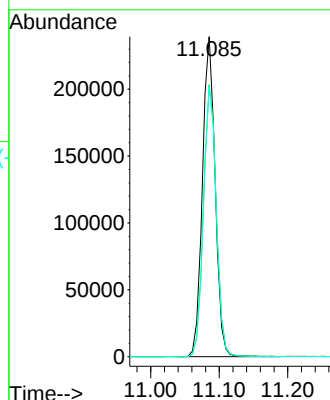
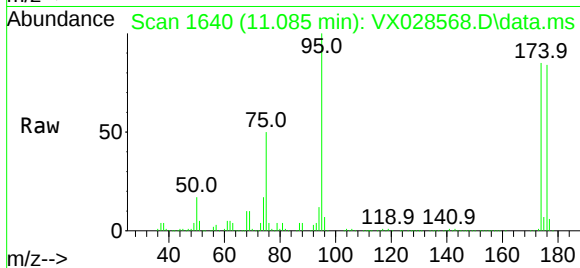




#62
4-Bromofluorobenzene
Concen: 39.678 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

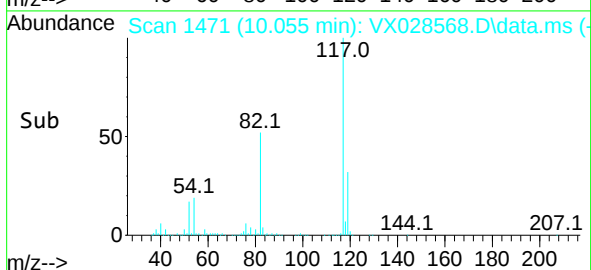
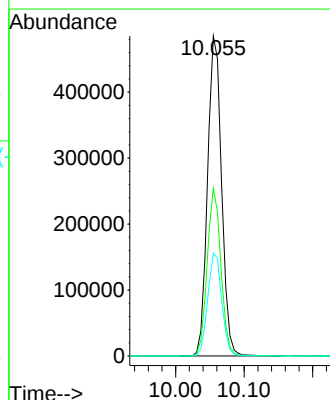
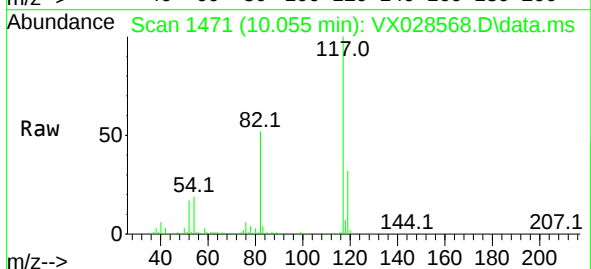
Instrument :
MSVOA_X
ClientSampleId :
ETGI-349

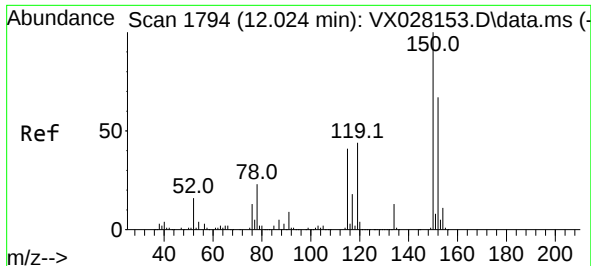
Tgt Ion: 95 Resp: 309099
Ion Ratio Lower Upper
95 100
174 86.4 0.0 163.0
176 85.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

Tgt Ion: 117 Resp: 691435
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 32.1 24.8 37.2

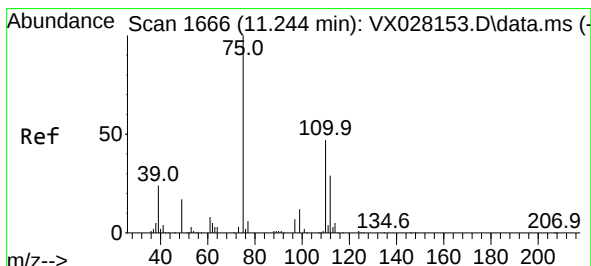
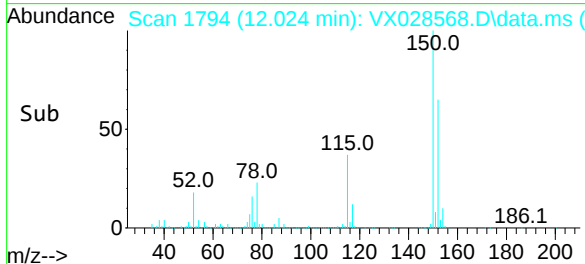
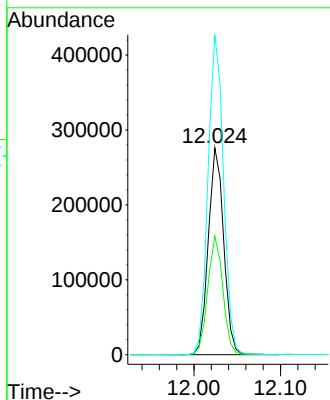
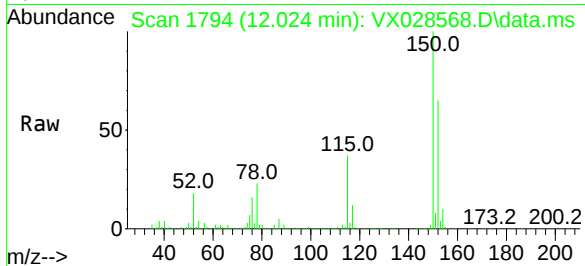




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

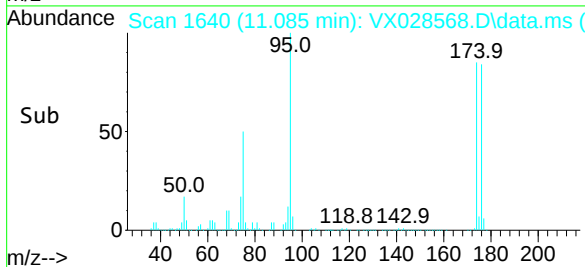
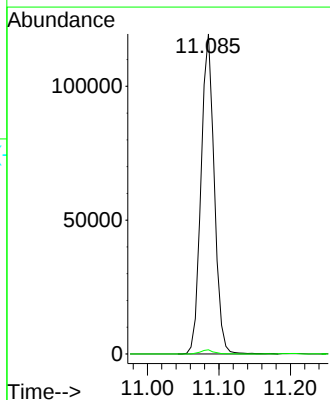
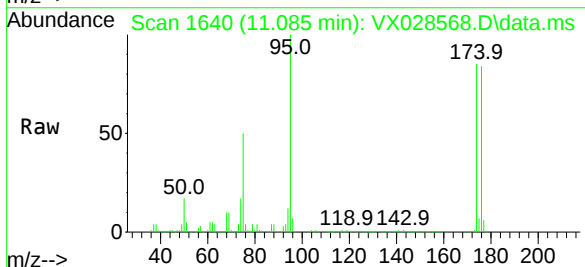
Instrument :
MSVOA_X
ClientSampleId :
ETGI-349

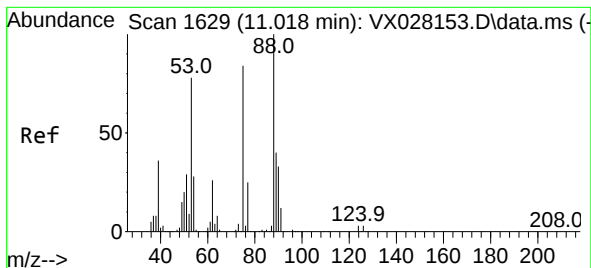
Tgt Ion:152 Resp: 341102
Ion Ratio Lower Upper
152 100
115 56.2 37.5 112.7
150 155.8 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.900 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

Tgt Ion: 75 Resp: 153727
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#

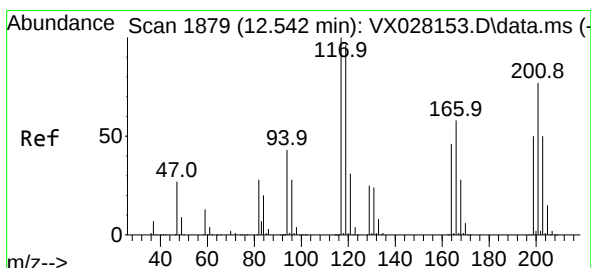
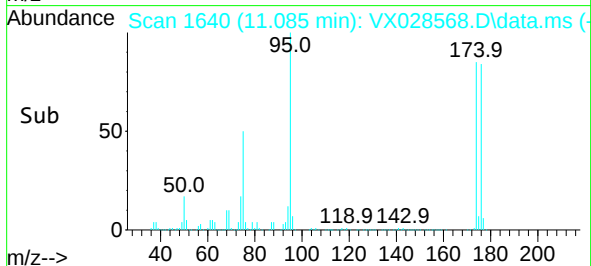
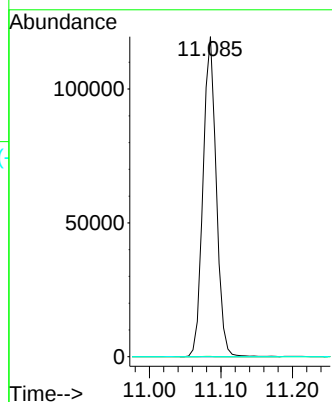
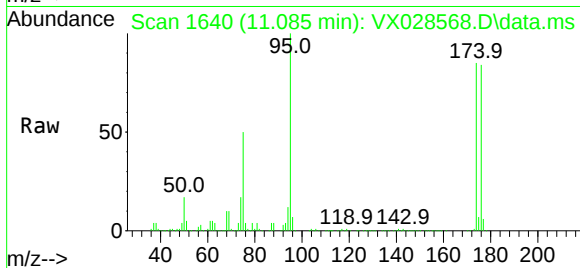




#81
trans-1,4-Dichloro-2-butene
Concen: 68.051 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

Instrument :
MSVOA_X
ClientSampleId :
ETGI-349

Tgt Ion: 75 Resp: 153727
Ion Ratio Lower Upper
75 100
53 0.1 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 1.837 ug/l
RT: 12.298 min Scan# 1839
Delta R.T. -0.244 min
Lab File: VX028568.D
Acq: 09 May 2022 13:40

Tgt Ion: 117 Resp: 91
Ion Ratio Lower Upper
117 100
201 56.0 39.5 118.5

