

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050922\
 Data File : VX028569.D
 Acq On : 09 May 2022 14:03
 Operator : JC/MD
 Sample : N2650-03ME
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-362

Quant Time: May 09 15:52:06 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

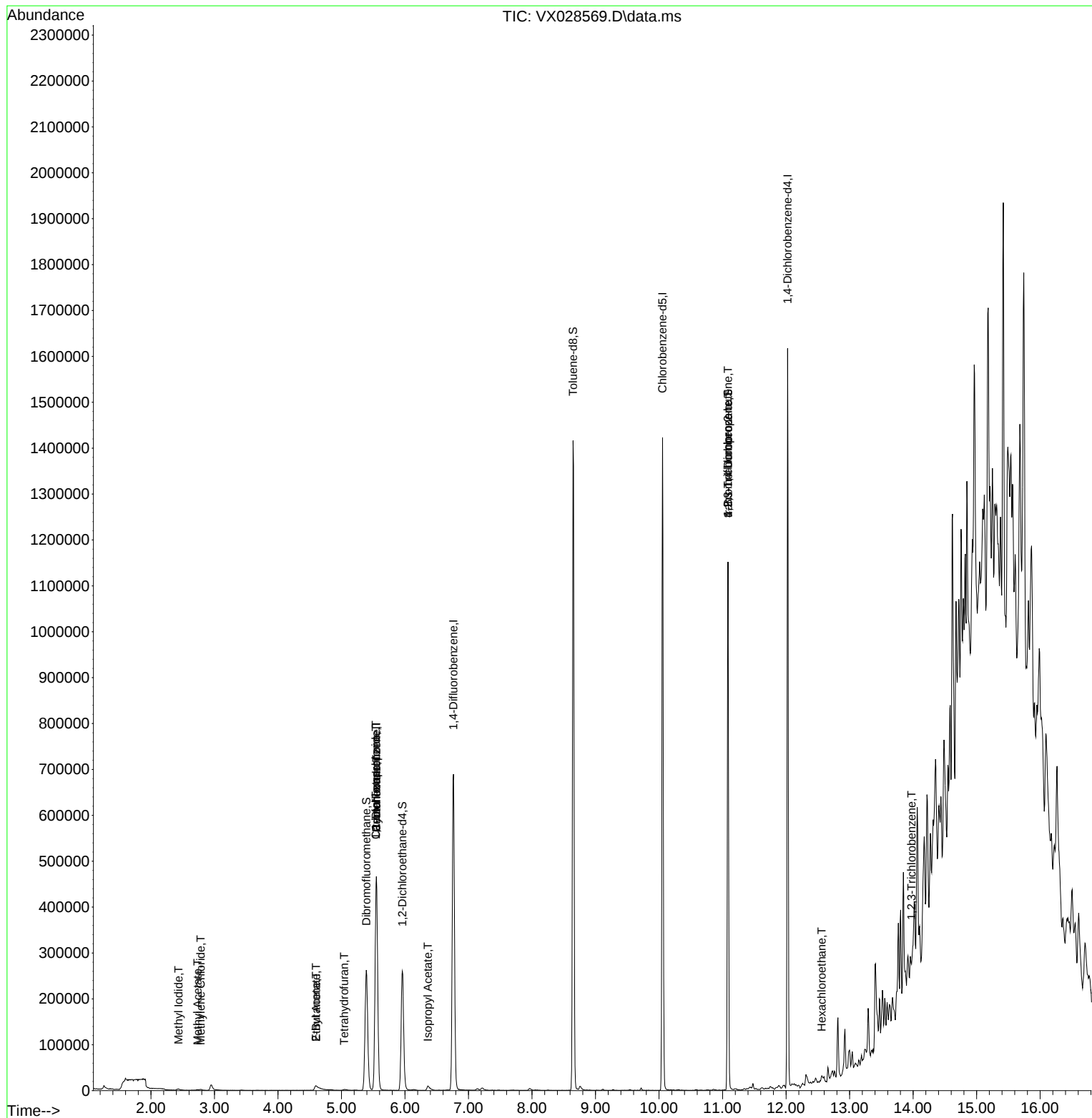
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	473460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	764624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	689425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	338374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	257723	41.748	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	83.500%
35) Dibromofluoromethane	5.391	113	232233	43.309	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	86.620%
50) Toluene-d8	8.647	98	880079	42.732	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	85.460%
62) 4-Bromofluorobenzene	11.085	95	305833	38.837	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	77.680%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	600	Below Cal		98
5) Bromomethane	1.599	94	2224	Below Cal		97
6) Chloroethane	1.697	64	349	Below Cal	#	54
8) Diethyl Ether	1.910	74	108	Below Cal	#	7
10) Methyl Iodide	2.435	142	1634	5.513 ug/l	#	95
11) Tert butyl alcohol	2.953	59	9261	Below Cal	#	73
16) Acetone	2.367	43	114	Below Cal	#	39
18) Methyl Acetate	2.733	43	1791	0.326 ug/l		92
20) Methylene Chloride	2.782	84	947	0.207 ug/l	#	76
25) 2-Butanone	4.599	43	30884	8.447 ug/l		98
29) Tetrahydrofuran	5.044	42	1100	0.461 ug/l	#	88
31) Cyclohexane	5.550	56	8803	1.170 ug/l	#	1
36) 1,1-Dichloropropene	5.544	75	32670	4.671 ug/l	#	50
37) Ethyl Acetate	4.599	43	30884	4.352 ug/l	#	66
38) Carbon Tetrachloride	5.544	117	45353	5.744 ug/l	#	15
43) Isopropyl Acetate	6.361	43	5637	0.488 ug/l	#	56
76) 1,2,3-Trichloropropane	11.085	75	151674	22.776 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.085	75	151674	67.684 ug/l	#	15
90) Hexachloroethane	12.561	117	339	1.900 ug/l	#	10
96) 1,2,3-Trichlorobenzene	13.975	180	6016	0.911 ug/l	#	1

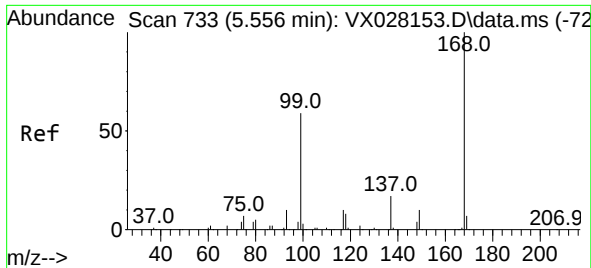
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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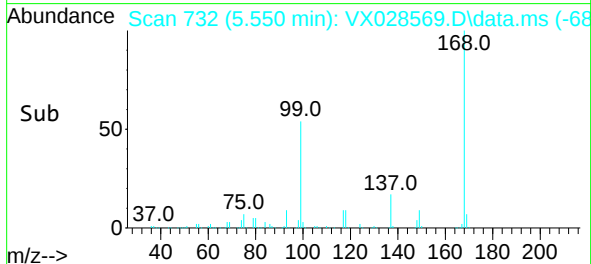
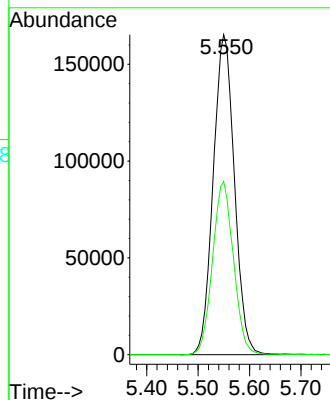
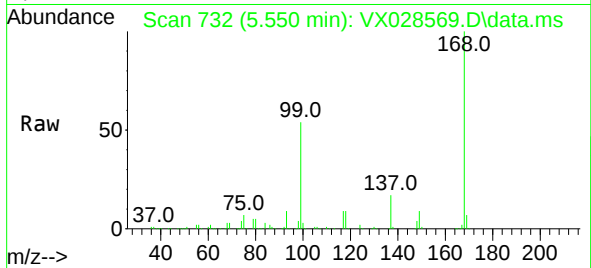




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

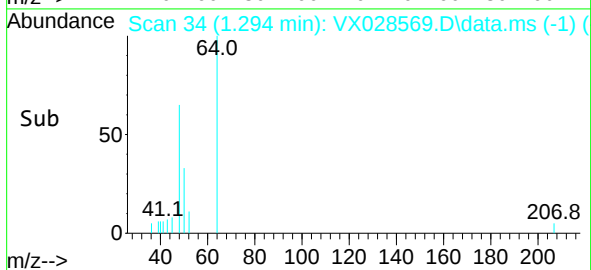
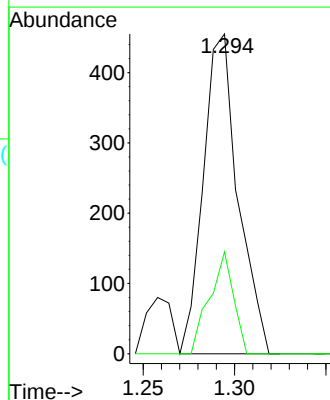
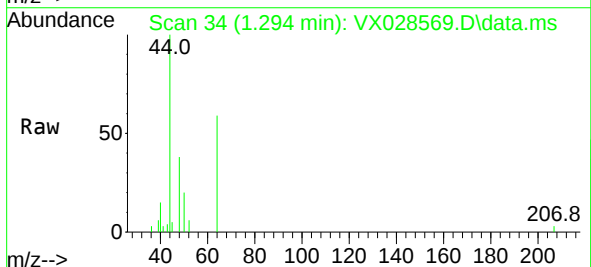
Instrument :
MSVOA_X
ClientSampleId :
ETGI-362

Tgt Ion:168 Resp: 473460
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

Tgt Ion: 50 Resp: 600
Ion Ratio Lower Upper
50 100
52 31.9 26.4 39.6

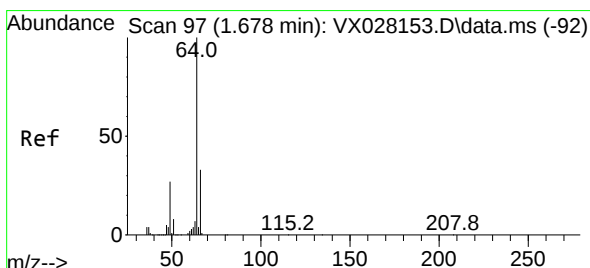
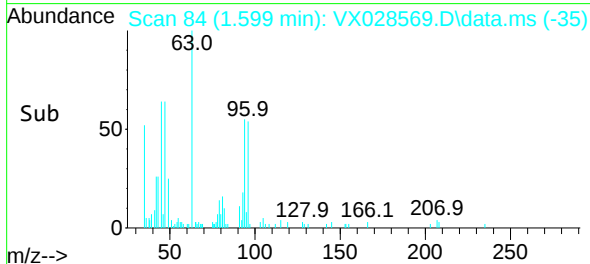
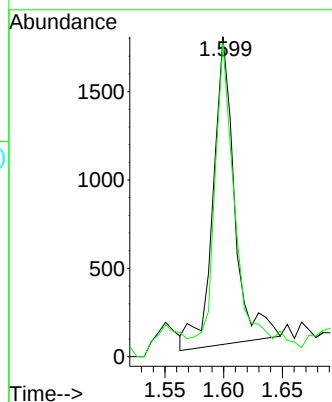
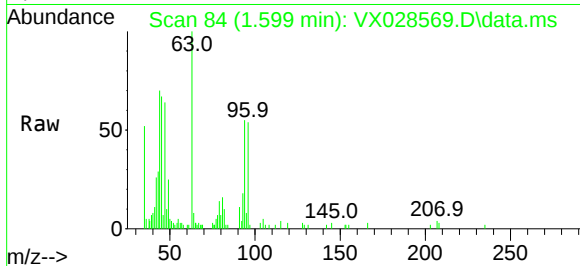




#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

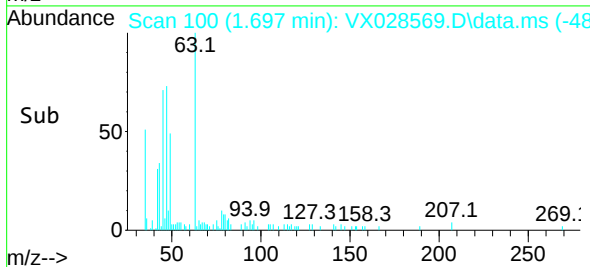
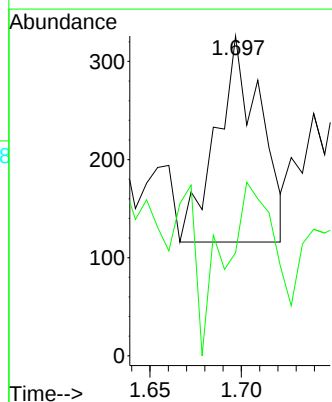
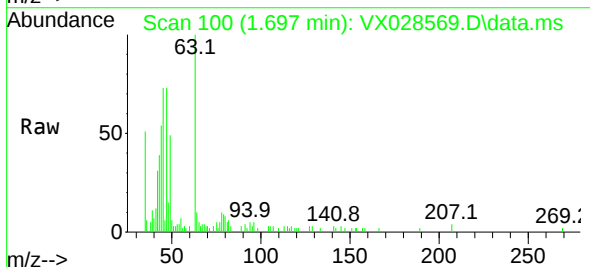
Instrument :
MSVOA_X
ClientSampleId :
ETGI-362

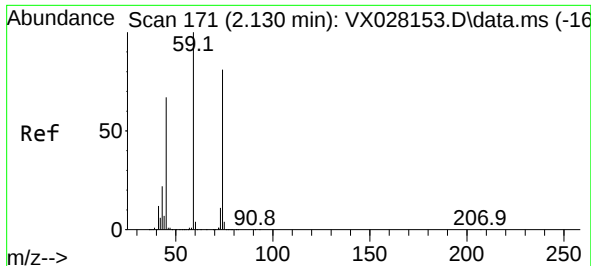
Tgt Ion: 94 Resp: 2224
Ion Ratio Lower Upper
94 100
96 96.5 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

Tgt Ion: 64 Resp: 349
Ion Ratio Lower Upper
64 100
66 6.2 25.3 37.9#

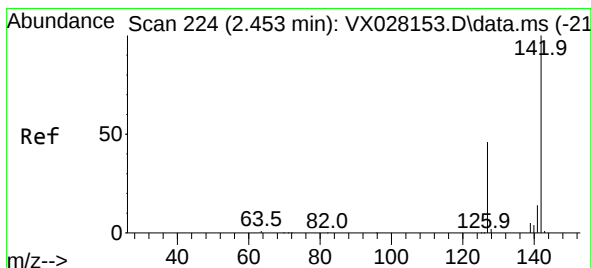
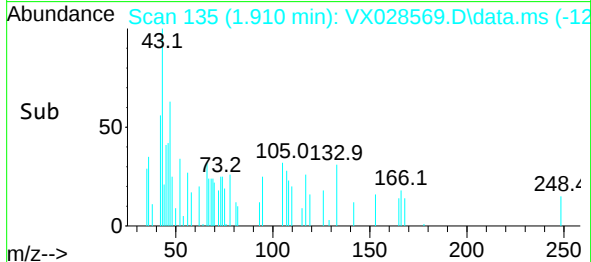
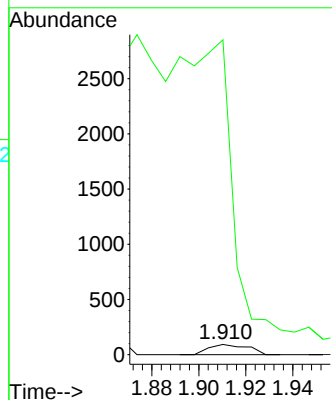
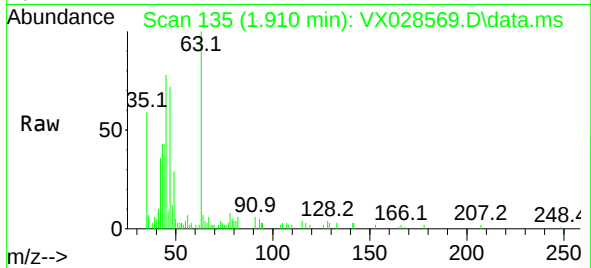




#8
Diethyl Ether
Concen: Below Cal
RT: 1.910 min Scan# 11
Delta R.T. -0.220 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

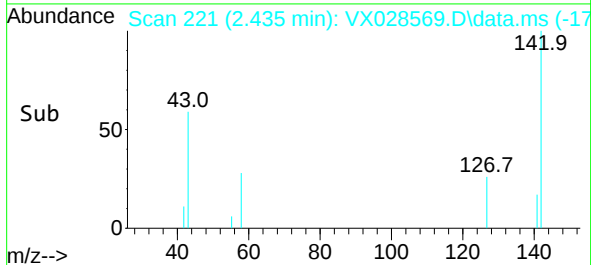
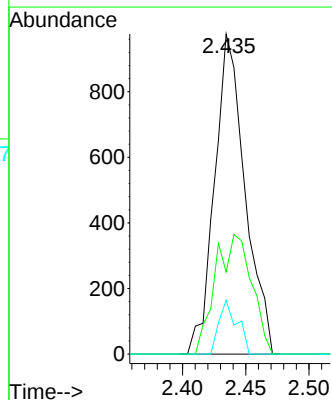
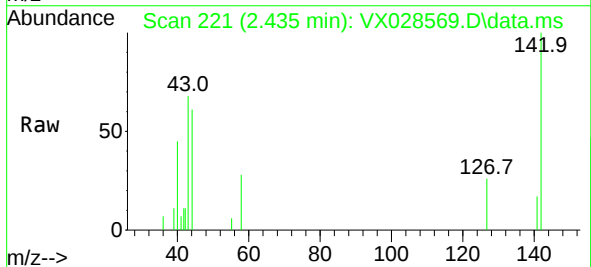
Instrument :
MSVOA_X
ClientSampleId :
ETGI-362

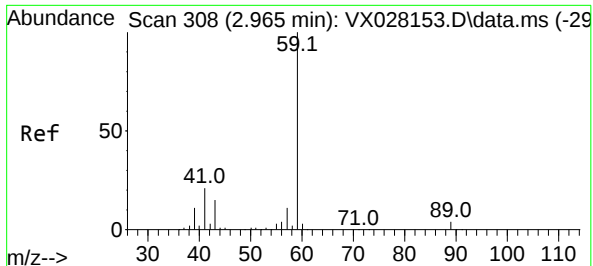
Tgt Ion: 74 Resp: 108
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.513 ug/l
RT: 2.435 min Scan# 221
Delta R.T. -0.018 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

Tgt Ion: 142 Resp: 1634
Ion Ratio Lower Upper
142 100
127 44.6 33.9 50.9
141 10.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX028569.D

Acq: 09 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

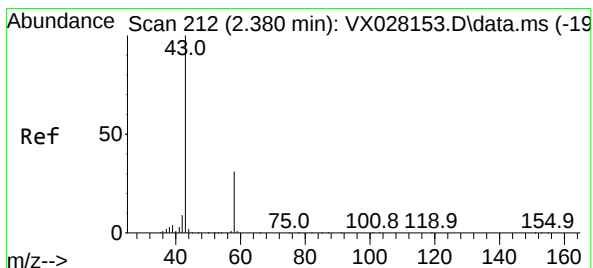
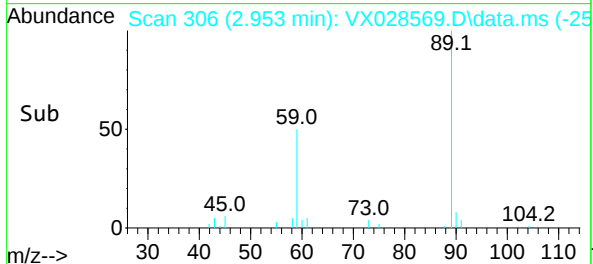
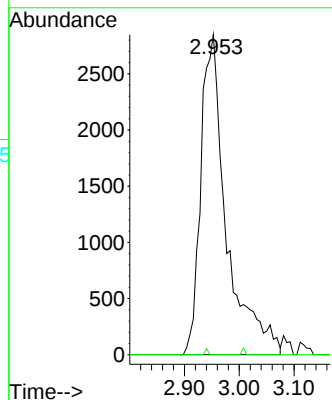
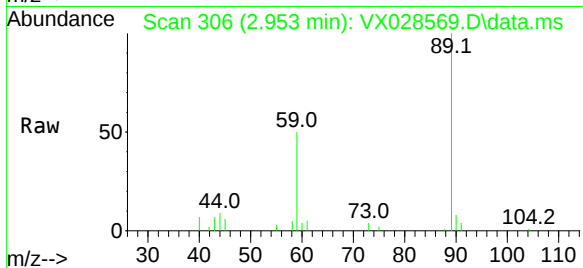
ETGI-362

Tgt Ion: 59 Resp: 9261

Ion Ratio Lower Upper

59 100

57 0.2 8.3 12.5#



#16

Acetone

Concen: Below Cal

RT: 2.367 min Scan# 210

Delta R.T. -0.013 min

Lab File: VX028569.D

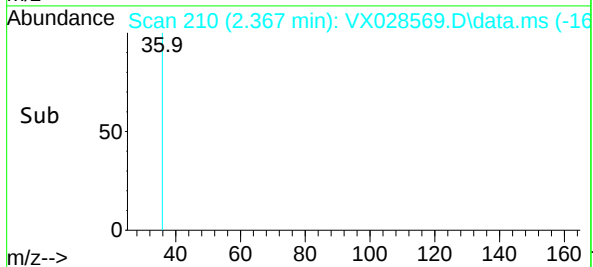
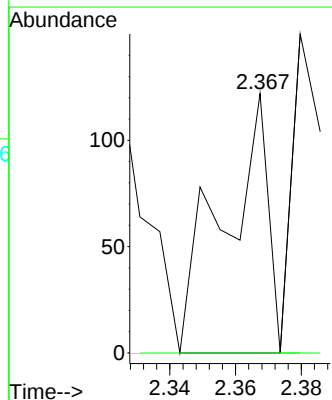
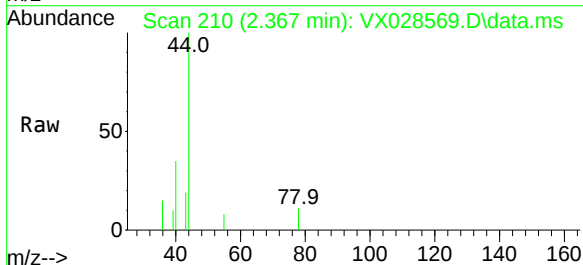
Acq: 09 May 2022 14:03

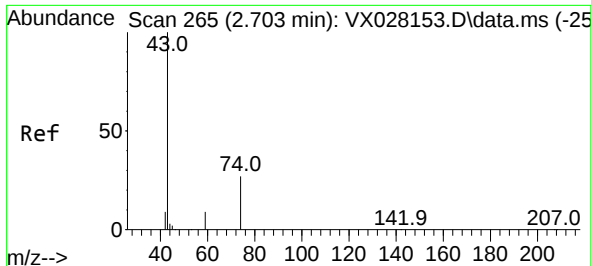
Tgt Ion: 43 Resp: 114

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#





#18

Methyl Acetate

Concen: 0.326 ug/l

RT: 2.733 min Scan# 21

Delta R.T. 0.030 min

Lab File: VX028569.D

Acq: 09 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

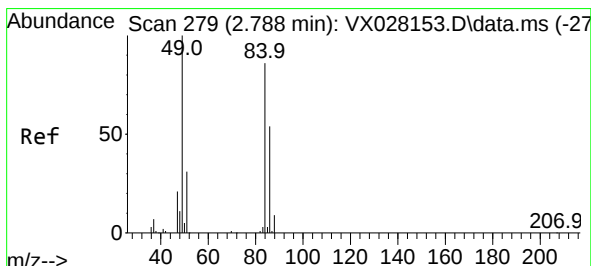
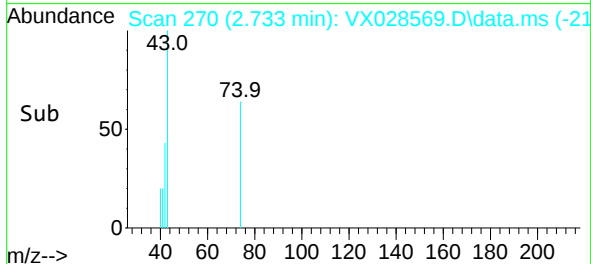
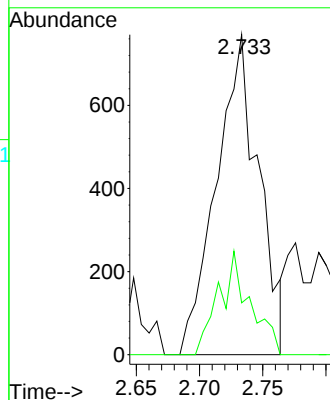
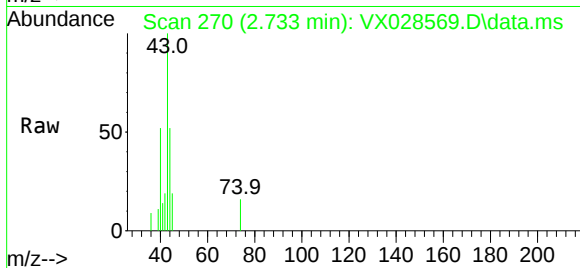
ETGI-362

Tgt Ion: 43 Resp: 1791

Ion Ratio Lower Upper

43 100

74 24.0 22.8 34.2



#20

Methylene Chloride

Concen: 0.207 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX028569.D

Acq: 09 May 2022 14:03

Tgt Ion: 84 Resp: 947

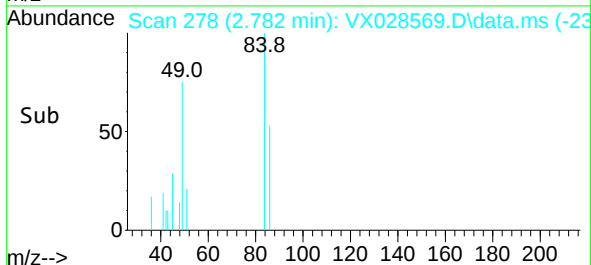
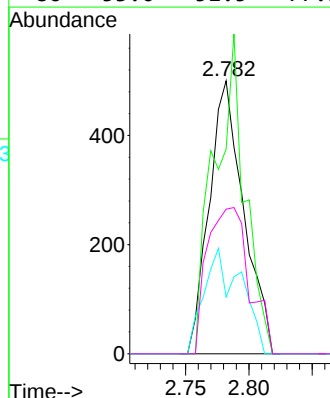
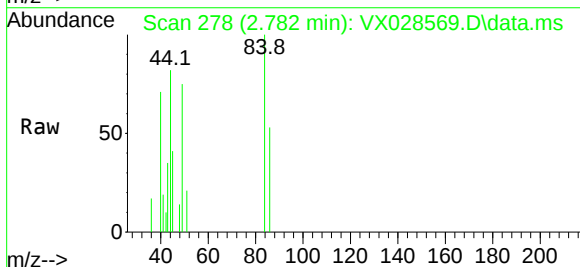
Ion Ratio Lower Upper

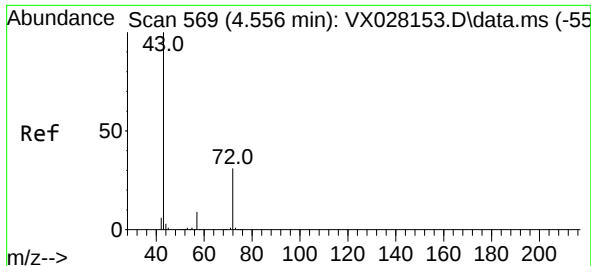
84 100

49 75.0 85.5 128.3#

51 20.8 26.6 39.8#

86 53.0 51.5 77.3





#25

2-Butanone

Concen: 8.447 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX028569.D

Acq: 09 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

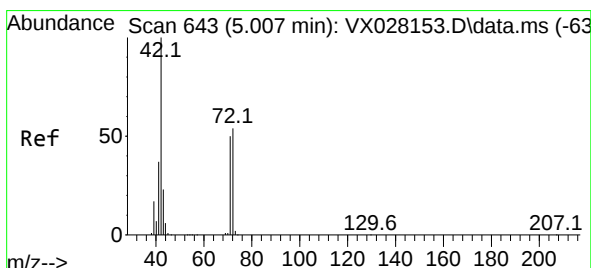
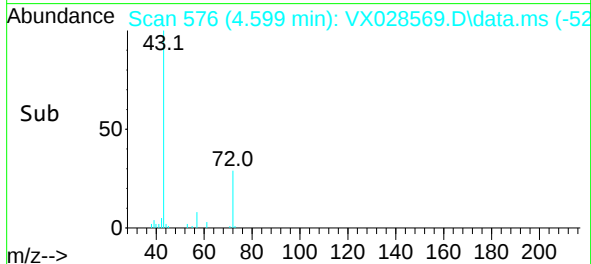
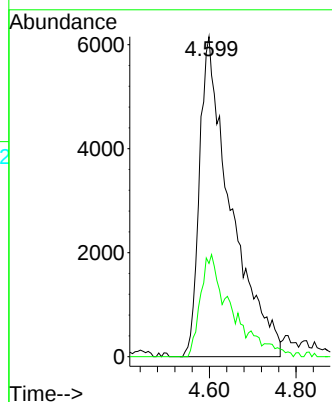
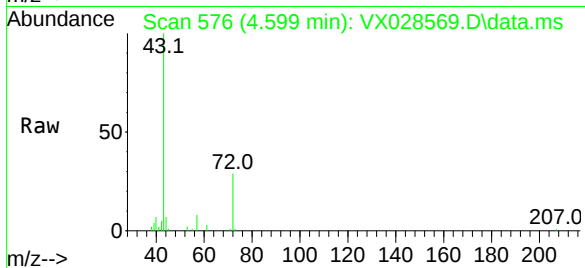
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Tgt Ion: 43 Resp: 30884

Ion Ratio Lower Upper

43 100

72 29.2 24.4 36.6



#29

Tetrahydrofuran

Concen: 0.461 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.037 min

Lab File: VX028569.D

Acq: 09 May 2022 14:03

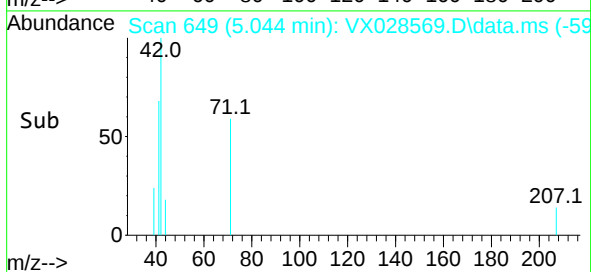
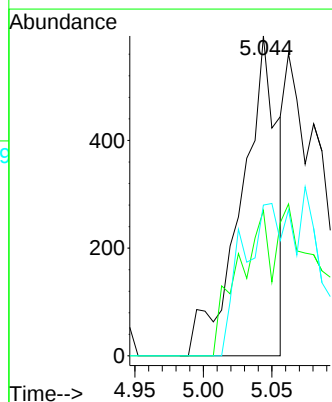
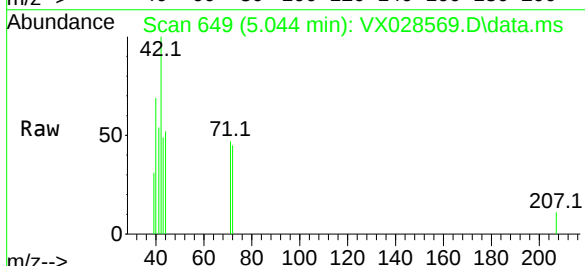
Tgt Ion: 42 Resp: 1100

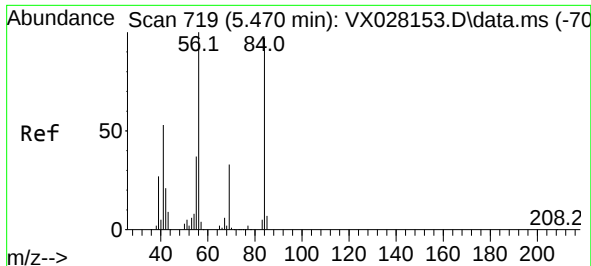
Ion Ratio Lower Upper

42 100

72 40.1 44.1 66.1#

71 48.8 40.5 60.7

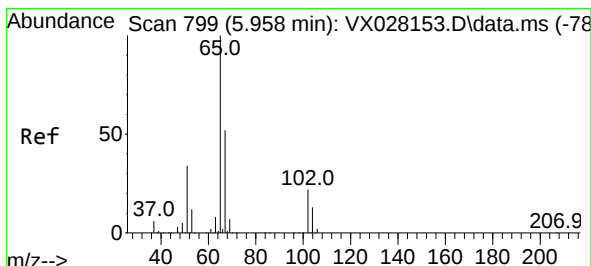
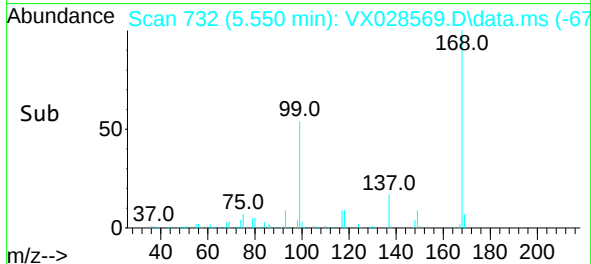
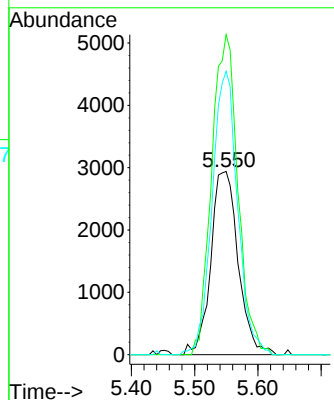
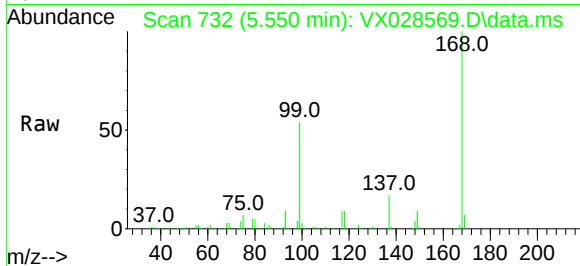




#31
Cyclohexane
Concen: 1.170 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

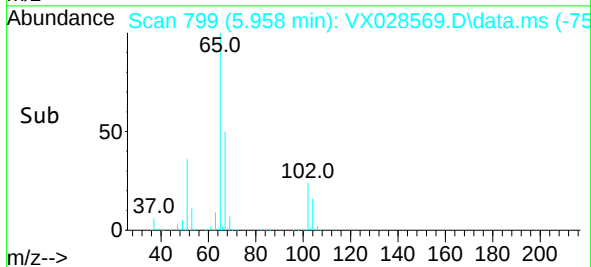
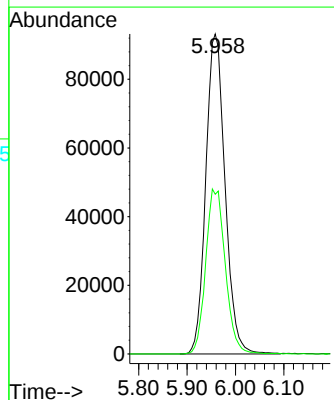
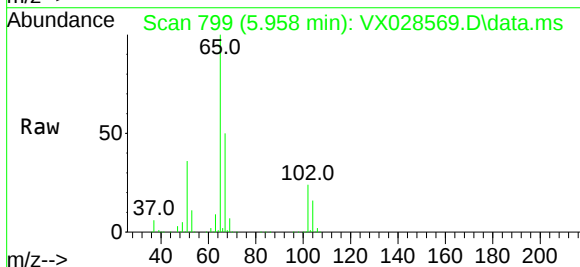
Instrument :
MSVOA_X
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ETGI-362

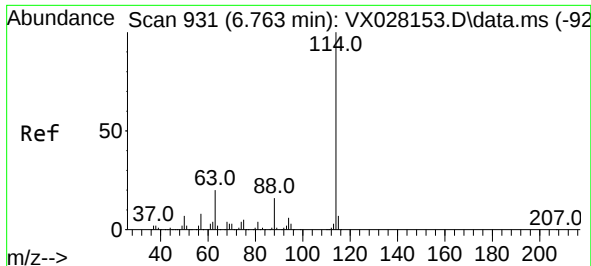
Tgt Ion: 56 Resp: 8803
Ion Ratio Lower Upper
56 100
69 174.6 26.7 40.1#
84 154.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 41.748 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

Tgt Ion: 65 Resp: 257723
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.4

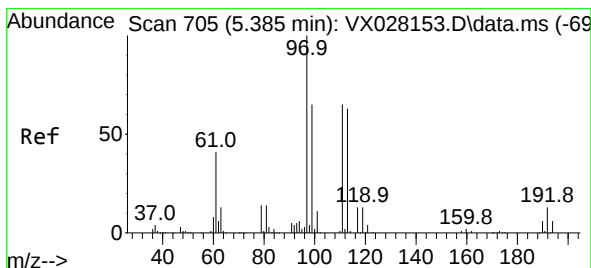
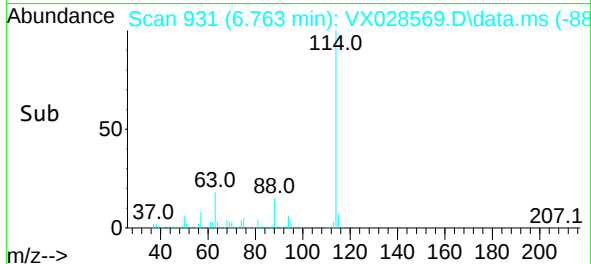
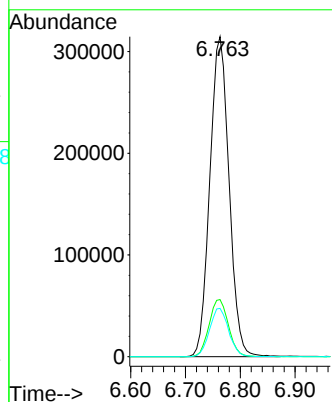
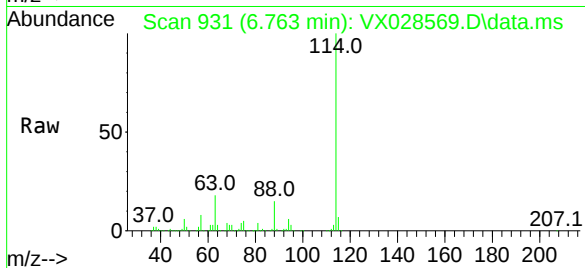




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

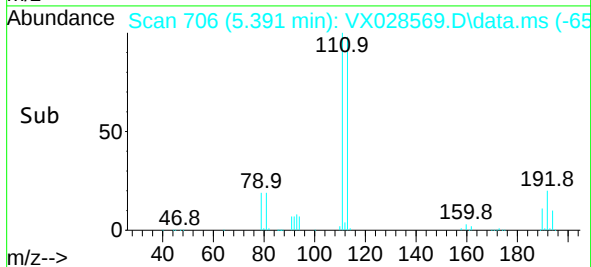
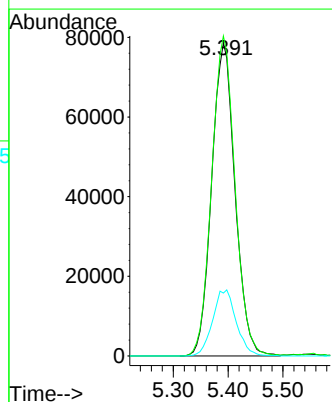
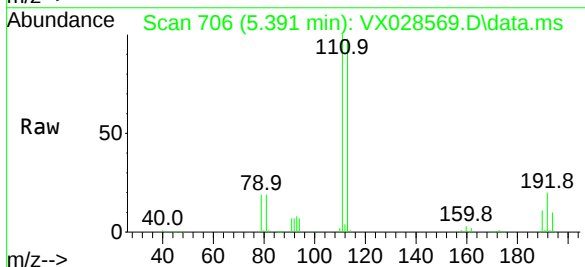
Instrument :
MSVOA_X
ClientSampleId :
ETGI-362

Tgt Ion:114 Resp: 764624
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.8
88 15.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 43.309 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

Tgt Ion:113 Resp: 232233
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 21.4 16.9 25.3

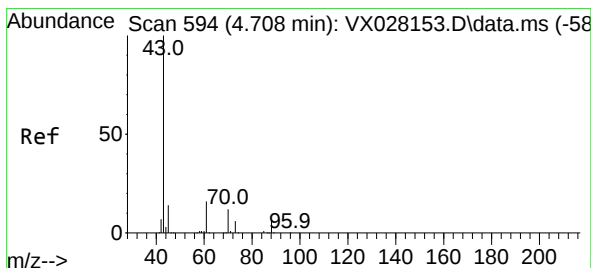
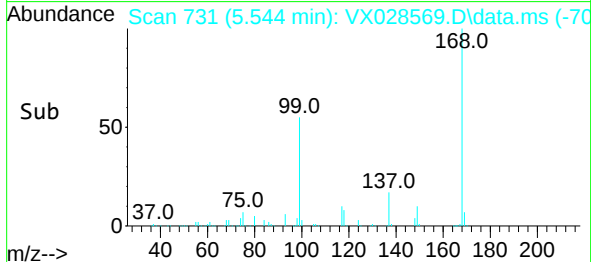
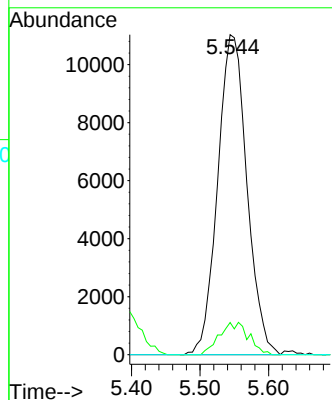
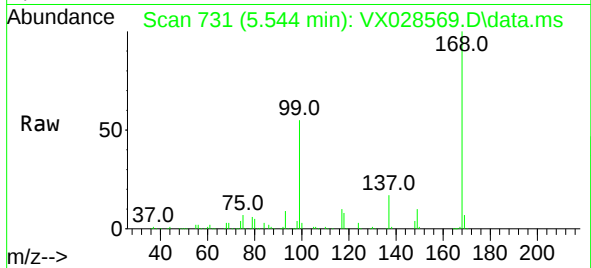




#36
1,1-Dichloropropene
Concen: 4.671 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

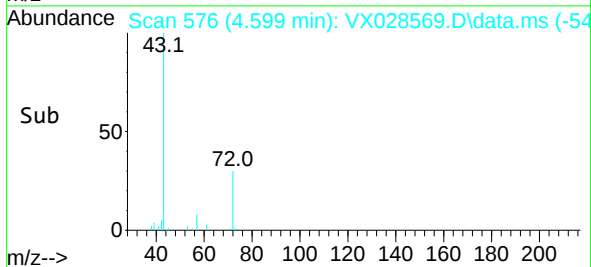
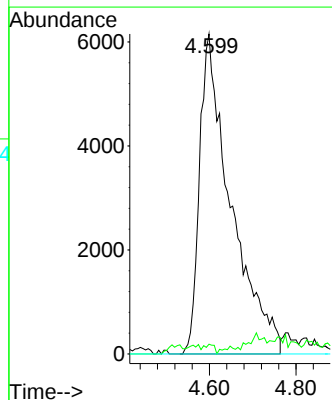
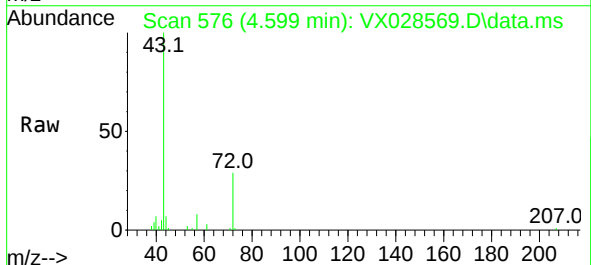
Instrument :
MSVOA_X
ClientSampleId :
ETGI-362

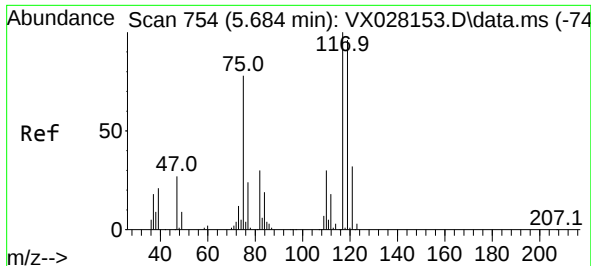
Tgt Ion: 75 Resp: 32670
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 4.352 ug/l
RT: 4.599 min Scan# 576
Delta R.T. -0.109 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

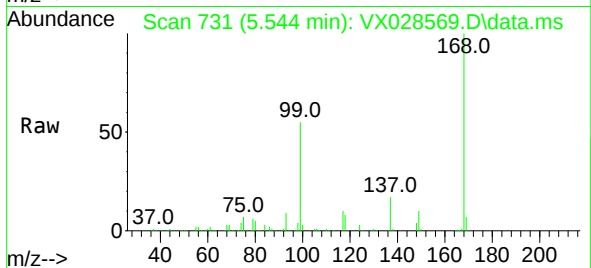
Tgt Ion: 43 Resp: 30884
Ion Ratio Lower Upper
43 100
61 1.0 12.6 19.0#
70 0.0 10.2 15.2#



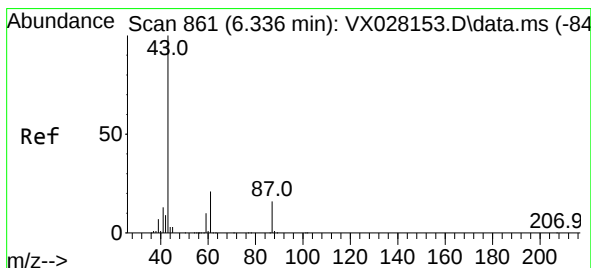
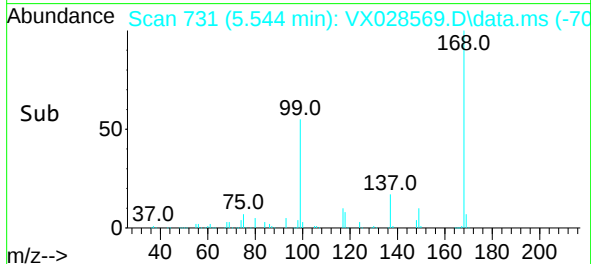
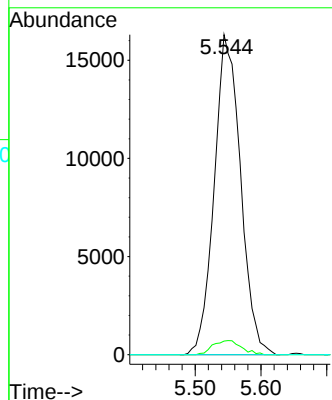


#38
Carbon Tetrachloride
Concen: 5.744 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
ETGI-362

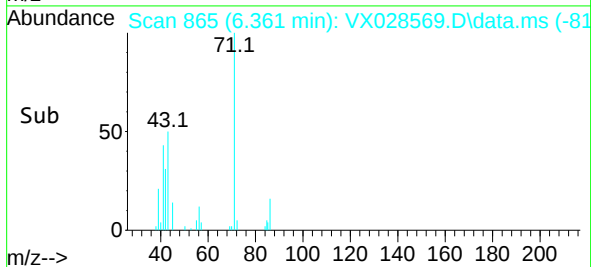
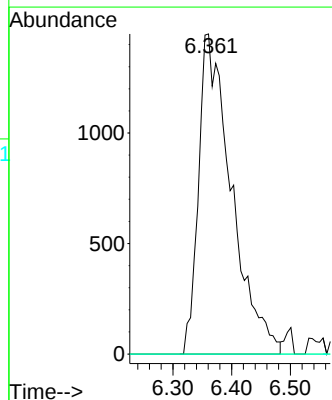
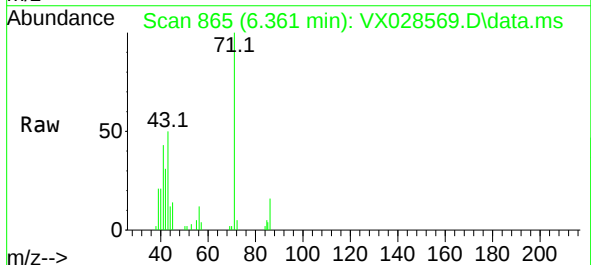


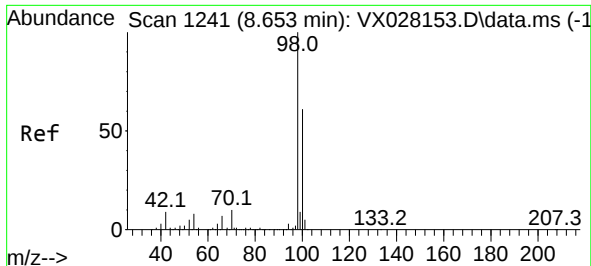
Tgt Ion:117 Resp: 45353
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.488 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.025 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

Tgt Ion: 43 Resp: 5637
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#

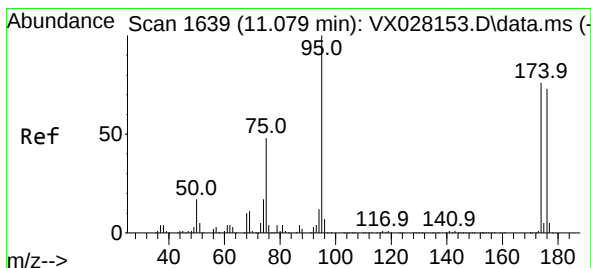
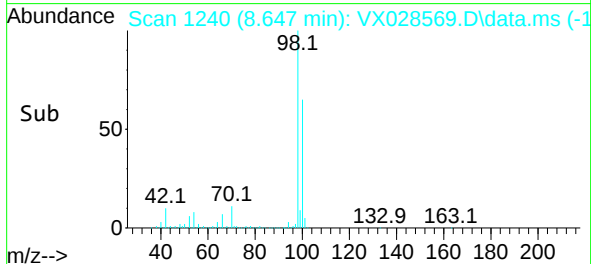
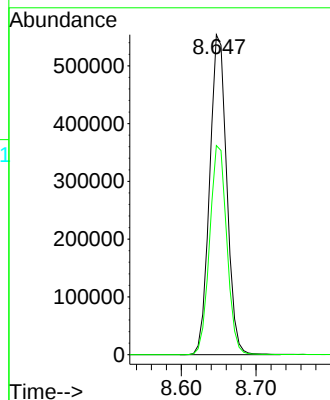
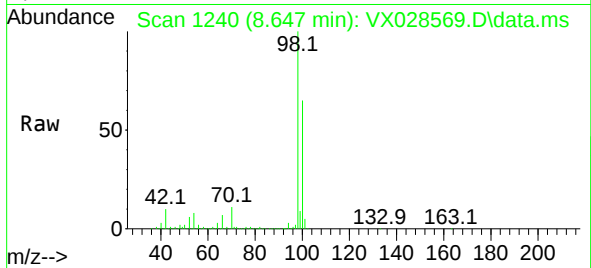




#50
Toluene-d8
Concen: 42.732 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

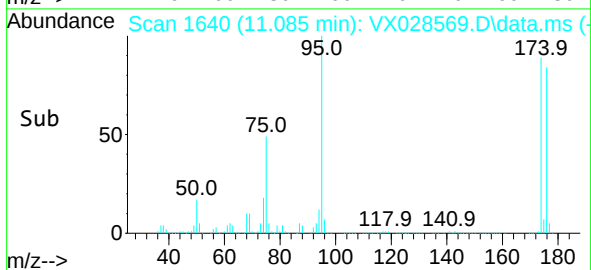
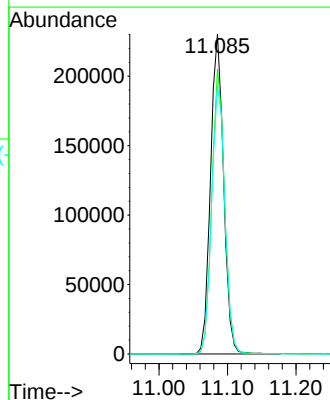
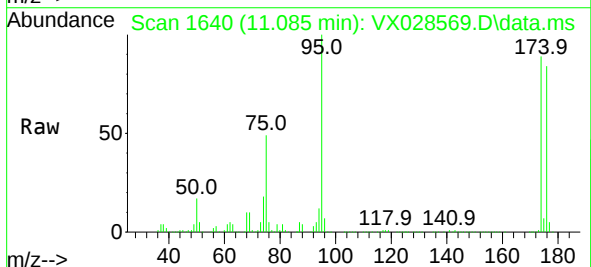
Instrument :
MSVOA_X
ClientSampleId :
ETGI-362

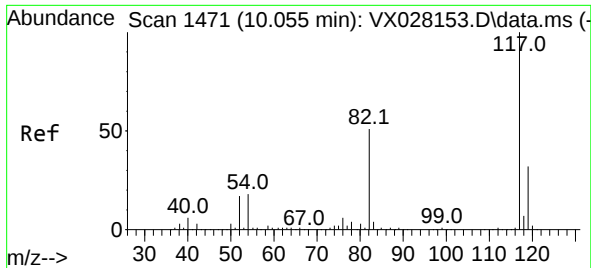
Tgt Ion: 98 Resp: 880079
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 38.837 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

Tgt Ion: 95 Resp: 305833
Ion Ratio Lower Upper
95 100
174 87.9 0.0 163.0
176 85.2 0.0 155.0

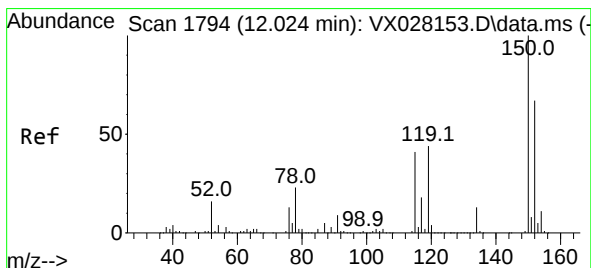
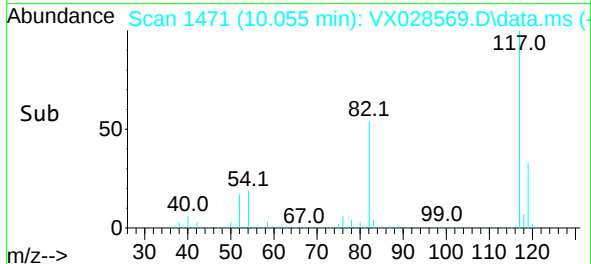
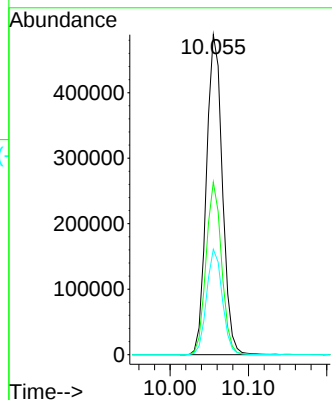
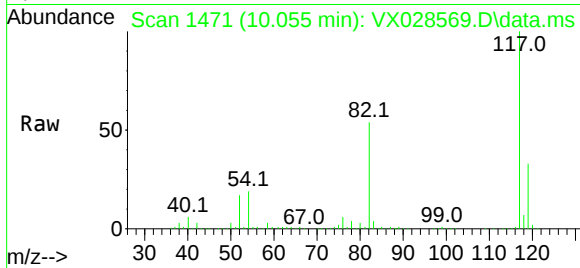




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

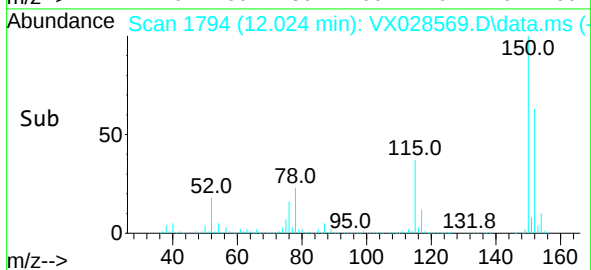
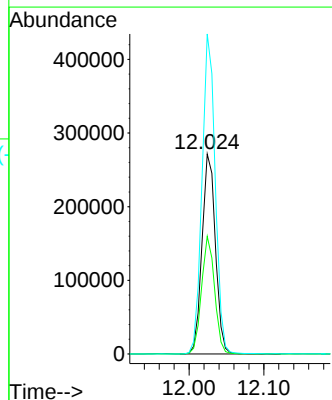
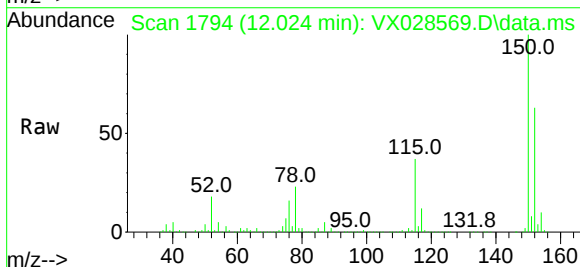
Instrument :
MSVOA_X
ClientSampleId :
ETGI-362

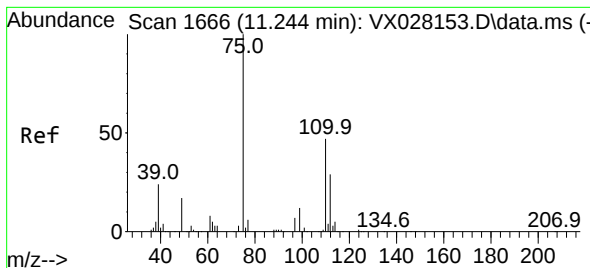
Tgt Ion:117 Resp: 689425
Ion Ratio Lower Upper
117 100
82 53.9 41.8 62.8
119 32.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

Tgt Ion:152 Resp: 338374
Ion Ratio Lower Upper
152 100
115 57.3 37.5 112.7
150 157.4 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 22.776 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX028569.D

Acq: 09 May 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

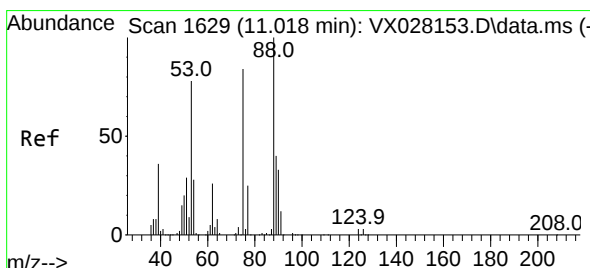
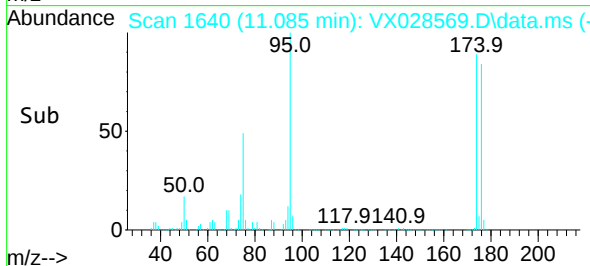
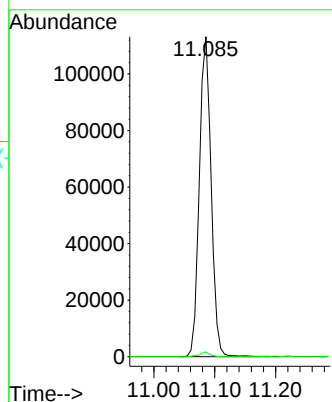
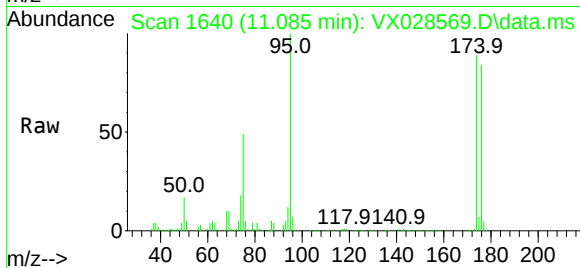
ETGI-362

Tgt Ion: 75 Resp: 151674

Ion Ratio Lower Upper

75 100

77 1.3 19.4 58.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.684 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX028569.D

Acq: 09 May 2022 14:03

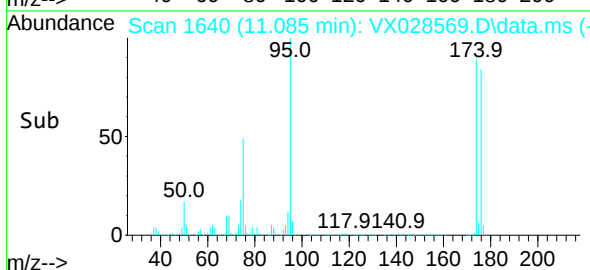
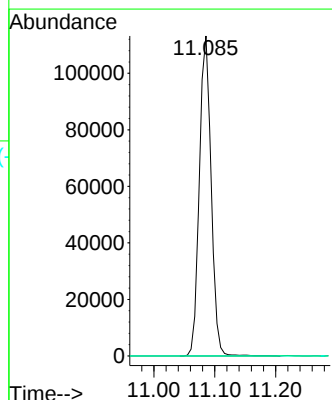
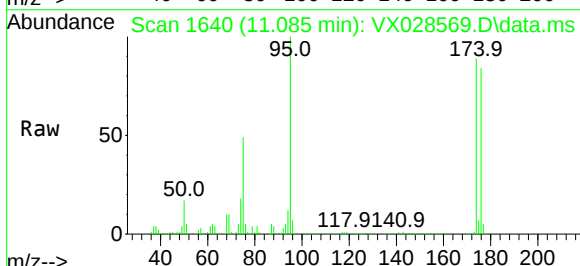
Tgt Ion: 75 Resp: 151674

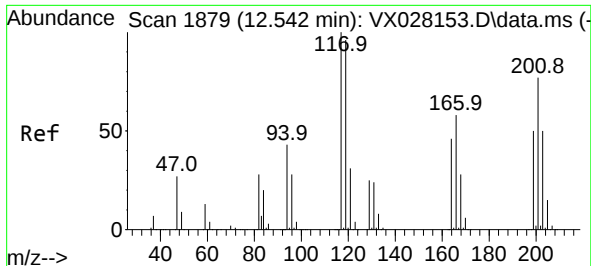
Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#

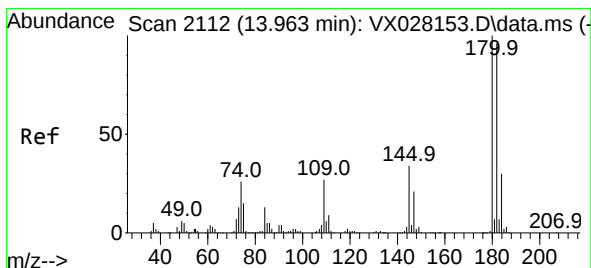
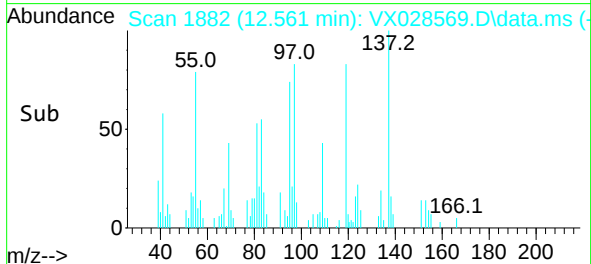
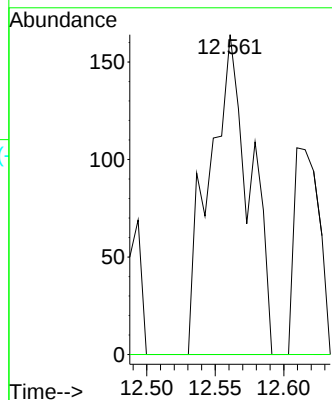
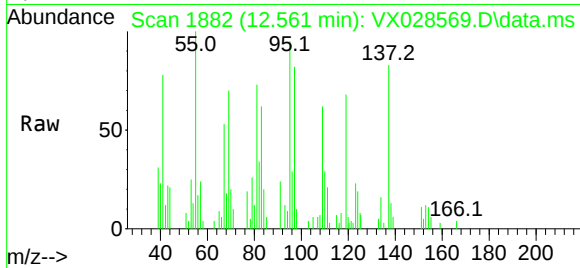




#90
Hexachloroethane
Concen: 1.900 ug/l
RT: 12.561 min Scan# 117
Delta R.T. 0.019 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
ETGI-362

Tgt Ion:117 Resp: 339
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#



#96
1,2,3-Trichlorobenzene
Concen: 0.911 ug/l
RT: 13.975 min Scan# 2114
Delta R.T. 0.012 min
Lab File: VX028569.D
Acq: 09 May 2022 14:03

Tgt Ion:180 Resp: 6016
Ion Ratio Lower Upper
180 100
182 7.7 50.0 149.8#
145 117.9 16.2 48.5#

