

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034691.D
 Acq On : 23 Mar 2023 11:55
 Operator : JC/MD
 Sample : 02019-01
 Misc : 5.04g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-352

Quant Time: Mar 23 13:30:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

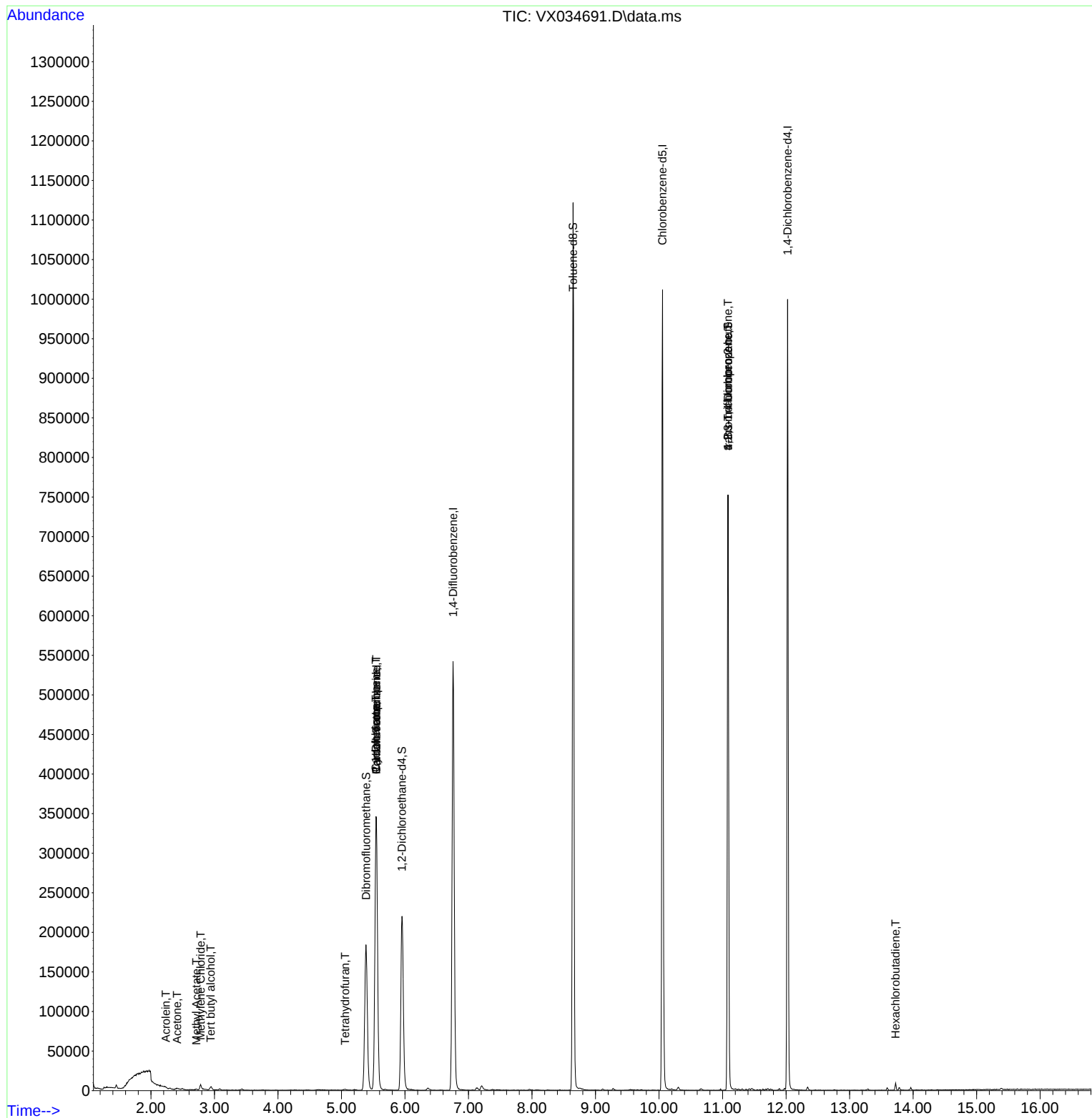
Internal Standards						
1) Pentafluorobenzene	5.550	168	322219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	539245	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	466374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	225913	48.193	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.380%
35) Dibromofluoromethane	5.385	113	160322	45.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.060%
50) Toluene-d8	8.647	98	640559	48.195	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.380%
62) 4-Bromofluorobenzene	11.085	95	233074	43.415	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.820%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	413	Below Cal		93
11) Tert butyl alcohol	2.940	59	2704	2.770	ug/l #	73
13) Acrolein	2.233	56	298	0.386	ug/l #	14
16) Acetone	2.410	43	2736	1.239	ug/l	96
18) Methyl Acetate	2.715	43	1563	0.217	ug/l #	84
20) Methylene Chloride	2.782	84	3513	0.820	ug/l	90
29) Tetrahydrofuran	5.056	42	903	0.463	ug/l	91
31) Cyclohexane	5.544	56	7680	1.168	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	27929	5.107	ug/l #	50
38) Carbon Tetrachloride	5.550	117	34416	6.326	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	122785	25.978	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.085	75	122785	70.278	ug/l #	8
94) Hexachlorobutadiene	13.725	225	1233	0.677	ug/l	94

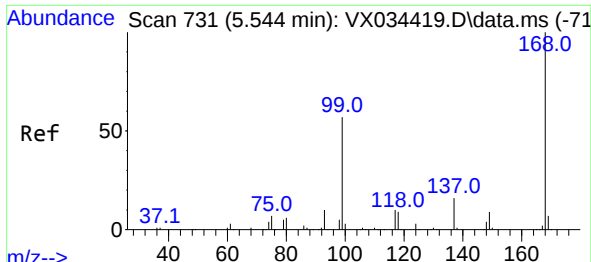
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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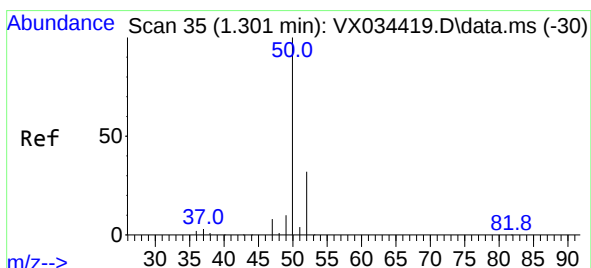
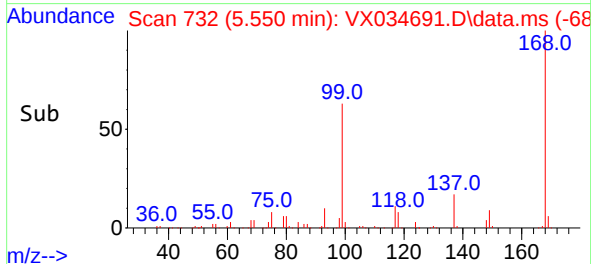
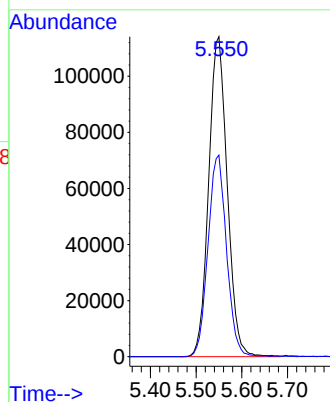
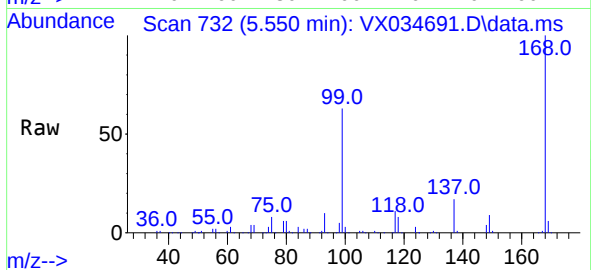




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

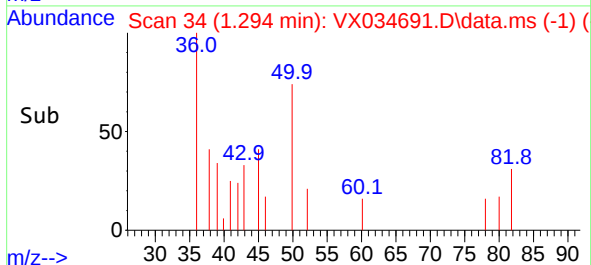
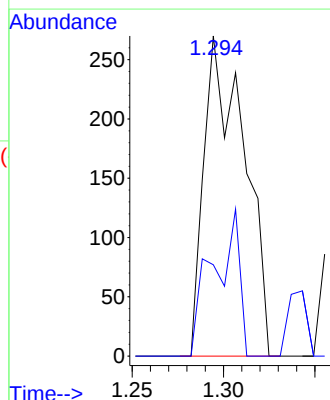
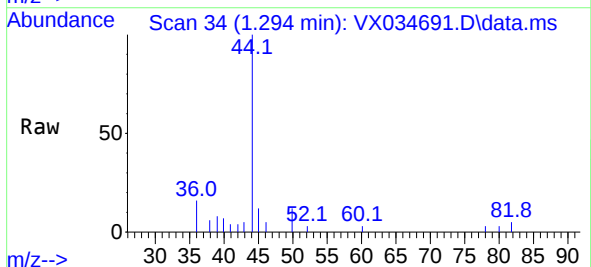
Instrument :
MSVOA_X
ClientSampleId :
ETGI-352

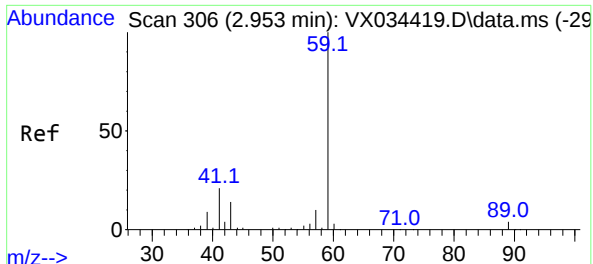
Tgt Ion:168 Resp: 322219
Ion Ratio Lower Upper
168 100
99 63.0 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

Tgt Ion: 50 Resp: 413
Ion Ratio Lower Upper
50 100
52 28.5 25.9 38.9

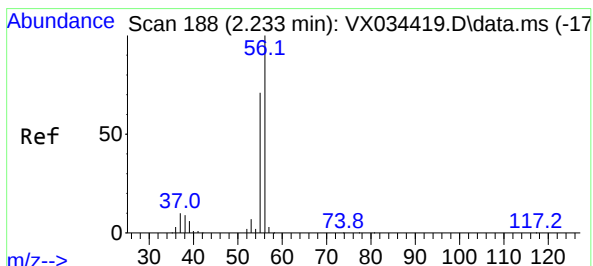
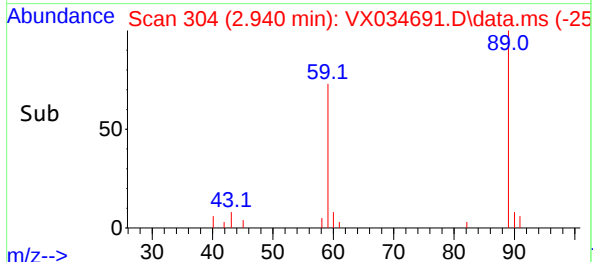
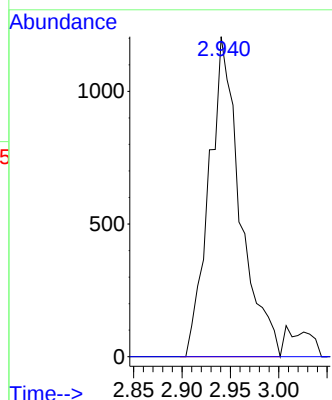
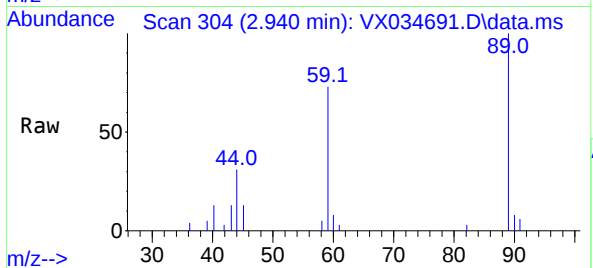




#11
Tert butyl alcohol
Concen: 2.770 ug/l
RT: 2.940 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

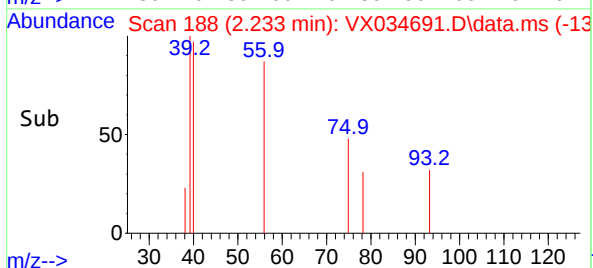
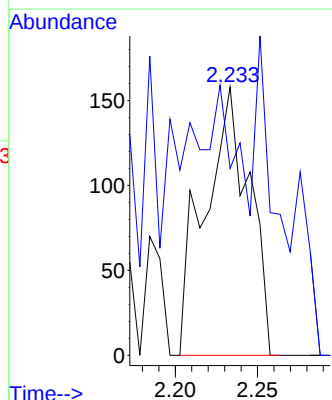
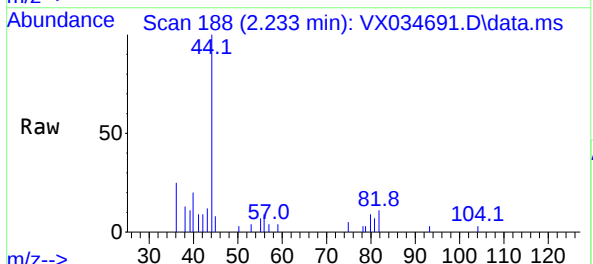
Instrument :
MSVOA_X
ClientSampleId :
ETGI-352

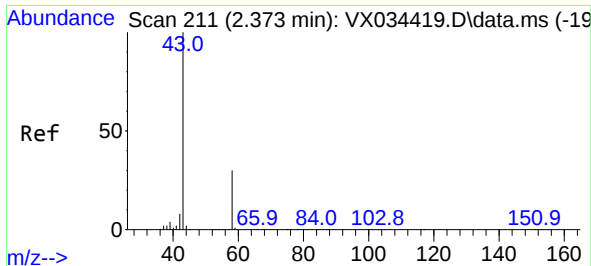
Tgt Ion: 59 Resp: 2704
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 0.386 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

Tgt Ion: 56 Resp: 298
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

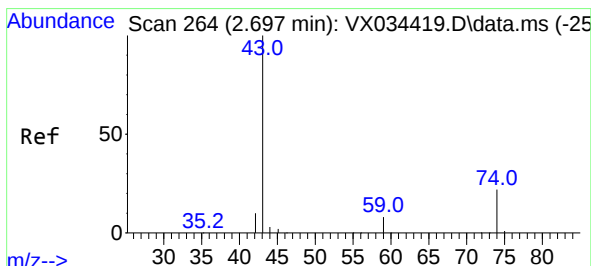
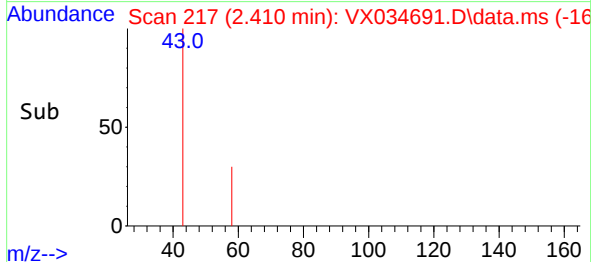
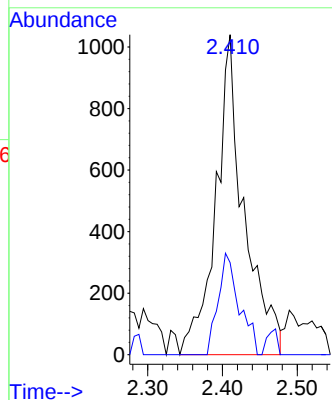
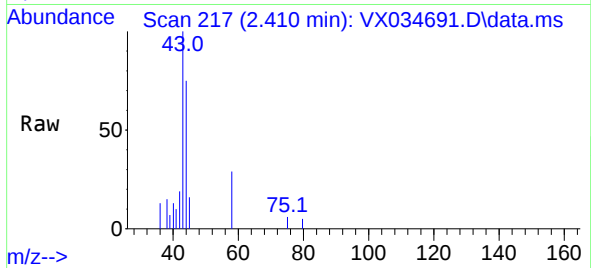




#16
Acetone
Concen: 1.239 ug/l
RT: 2.410 min Scan# 211
Delta R.T. 0.037 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

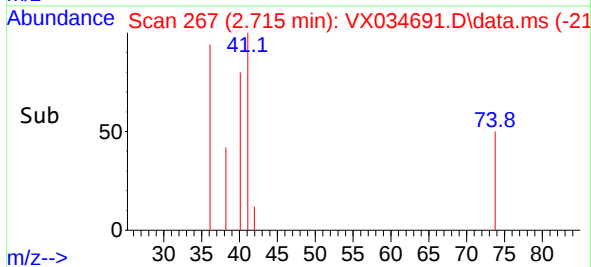
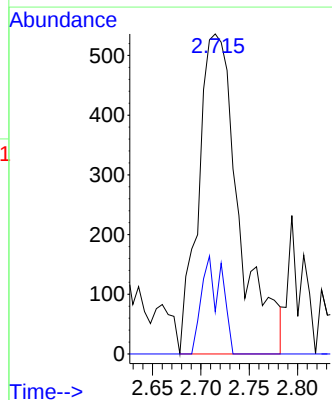
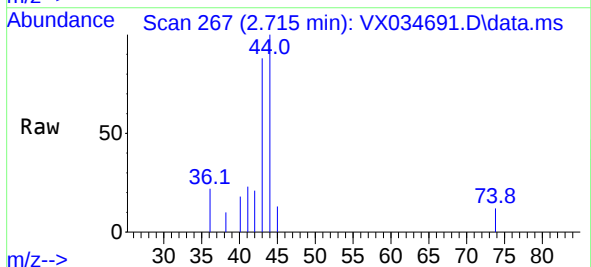
Instrument :
MSVOA_X
ClientSampleId :
ETGI-352

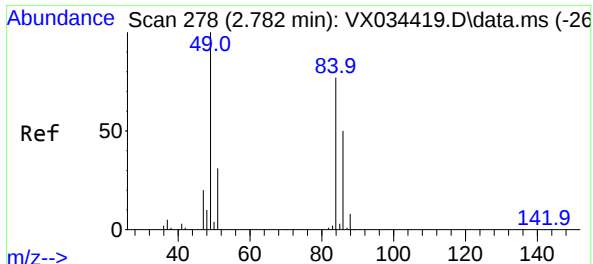
Tgt Ion: 43 Resp: 2736
Ion Ratio Lower Upper
43 100
58 28.8 24.7 37.1



#18
Methyl Acetate
Concen: 0.217 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.018 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

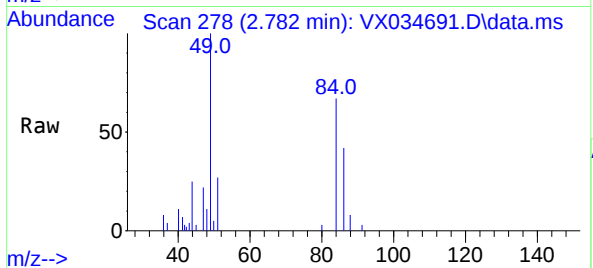
Tgt Ion: 43 Resp: 1563
Ion Ratio Lower Upper
43 100
74 15.0 18.3 27.5#





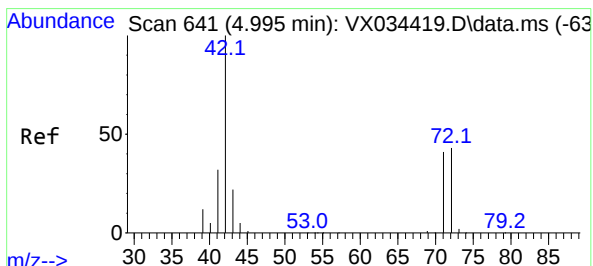
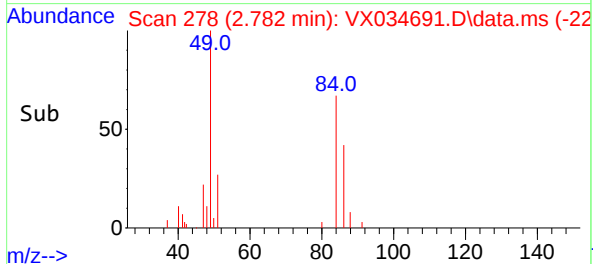
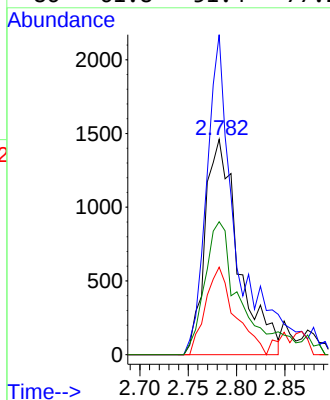
#20
Methylene Chloride
Concen: 0.820 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

Instrument :
MSVOA_X
ClientSampleId :
ETGI-352



Tgt Ion: 84 Resp: 3513

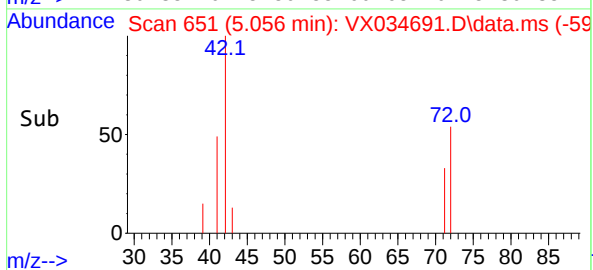
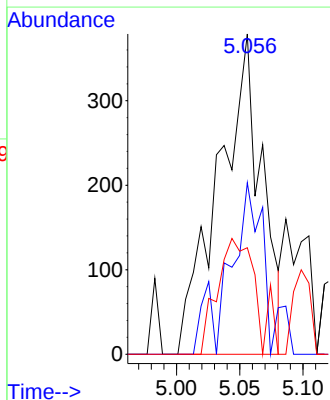
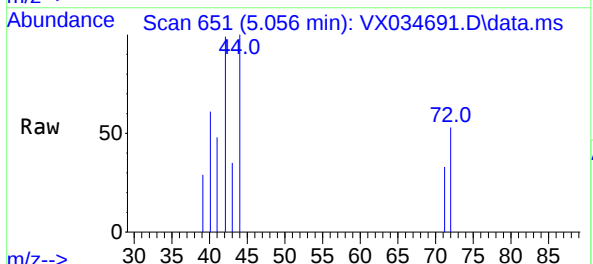
Ion	Ratio	Lower	Upper
84	100		
49	148.6	103.8	155.8
51	40.7	31.8	47.8
86	61.8	51.4	77.2

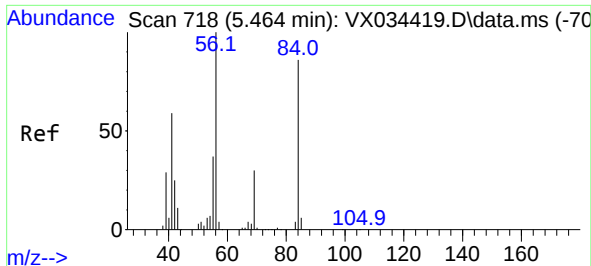


#29
Tetrahydrofuran
Concen: 0.463 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.061 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

Tgt Ion: 42 Resp: 903

Ion	Ratio	Lower	Upper
42	100		
72	39.0	34.5	51.7
71	32.4	32.1	48.1

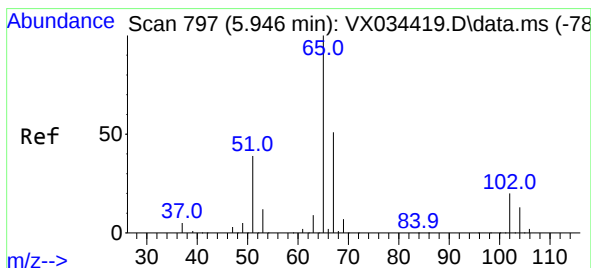
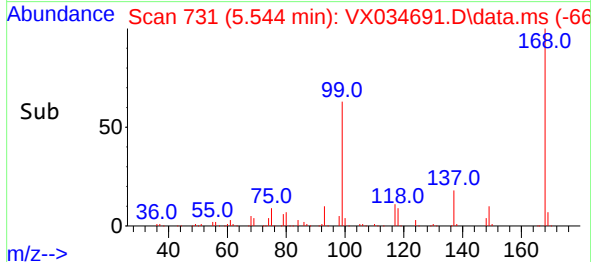
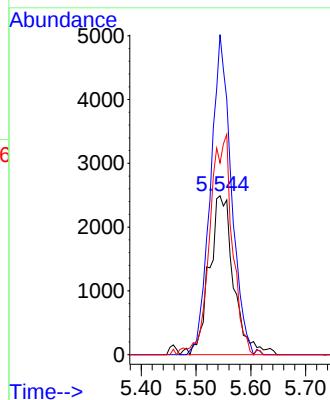
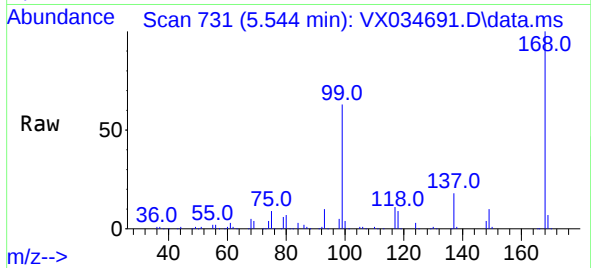




#31
Cyclohexane
Concen: 1.168 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

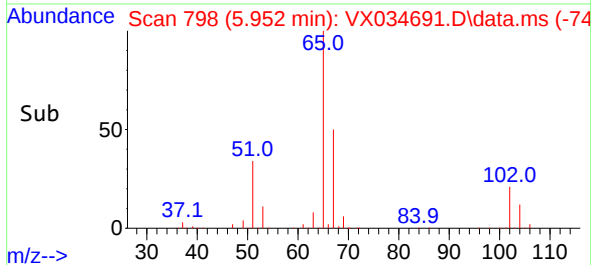
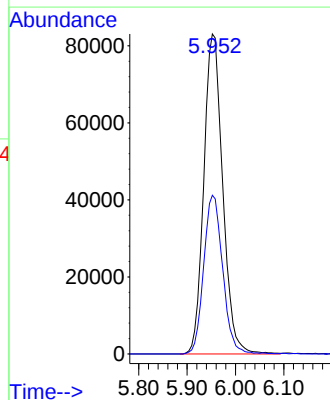
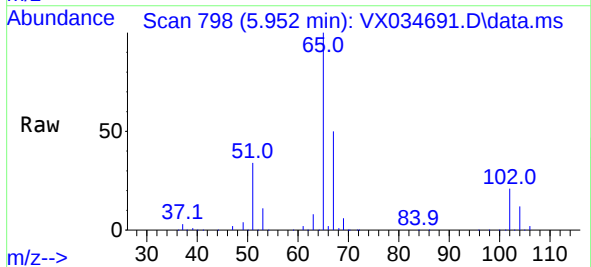
Instrument :
MSVOA_X
ClientSampleId :
ETGI-352

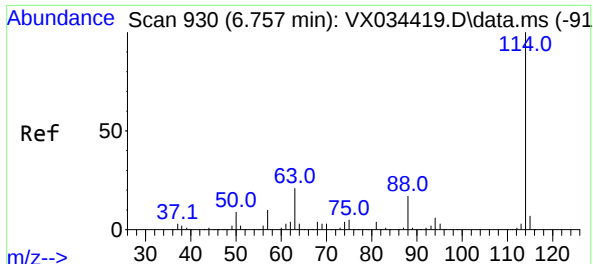
Tgt Ion: 56 Resp: 7680
Ion Ratio Lower Upper
56 100
69 201.4 23.7 35.5#
84 120.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.193 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

Tgt Ion: 65 Resp: 225913
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.0

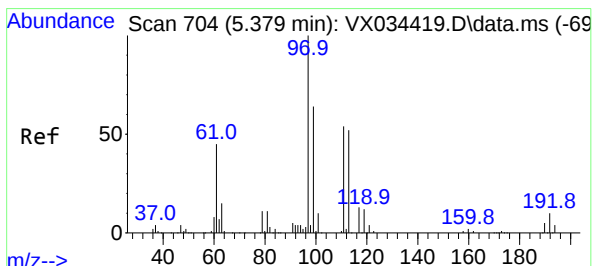
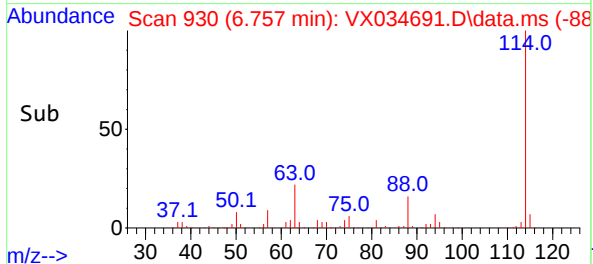
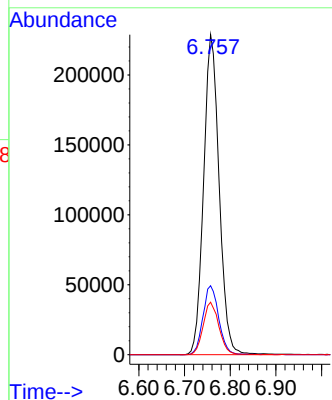
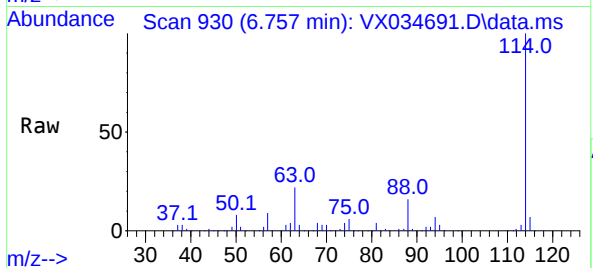




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

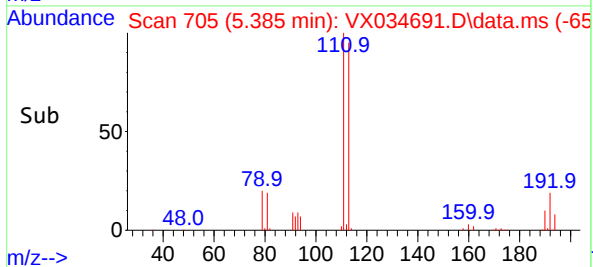
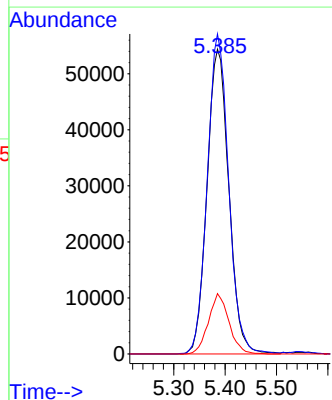
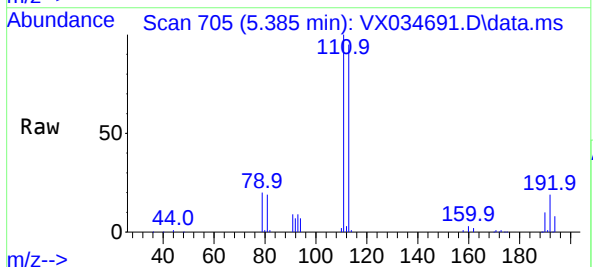
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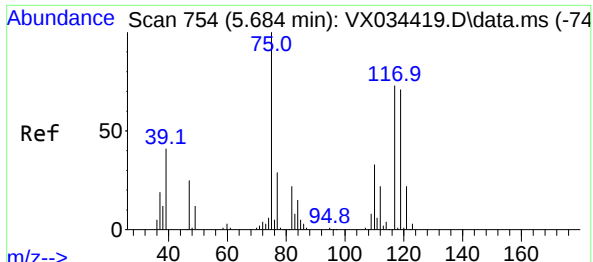
Tgt Ion:114 Resp: 539245
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.030 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

Tgt Ion:113 Resp: 160322
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 18.6 15.4 23.2

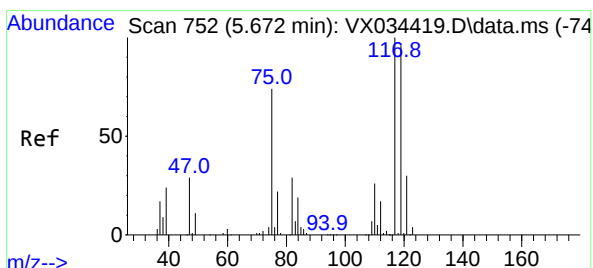
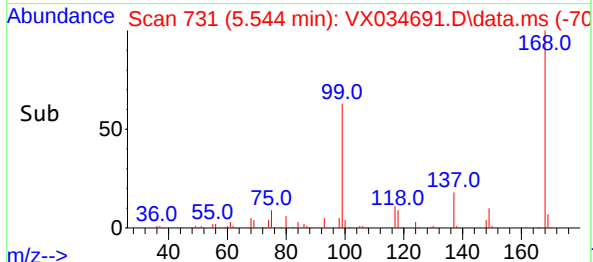
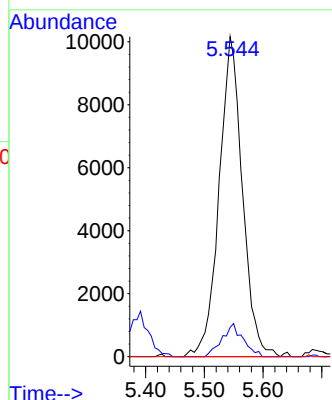
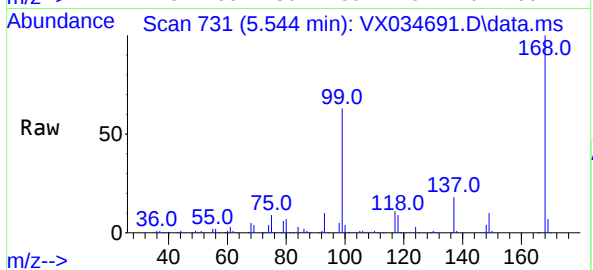




#36
1,1-Dichloropropene
Concen: 5.107 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

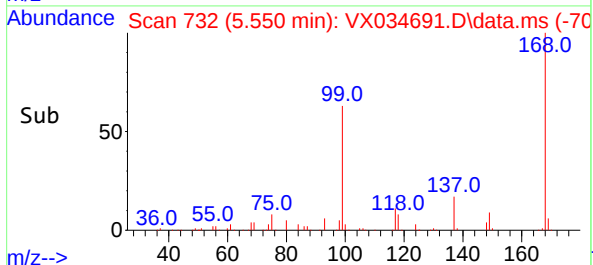
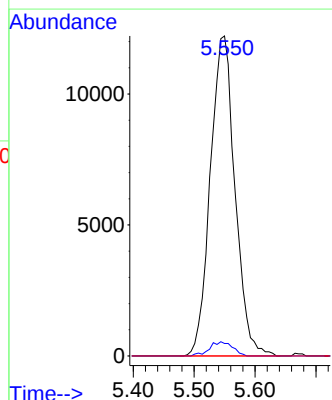
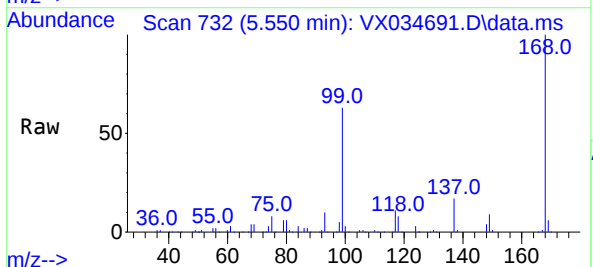
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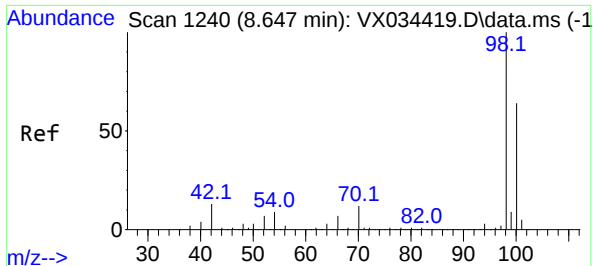
Tgt Ion: 75 Resp: 27929
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.326 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

Tgt Ion: 117 Resp: 34416
Ion Ratio Lower Upper
117 100
119 3.9 76.6 114.8#
121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 48.195 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034691.D

Acq: 23 Mar 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

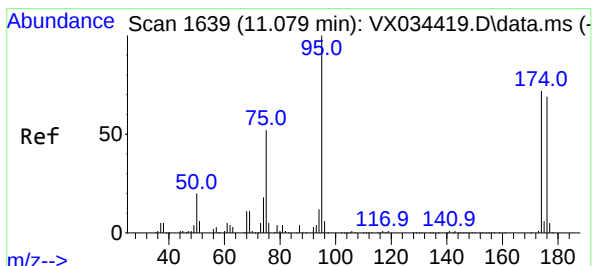
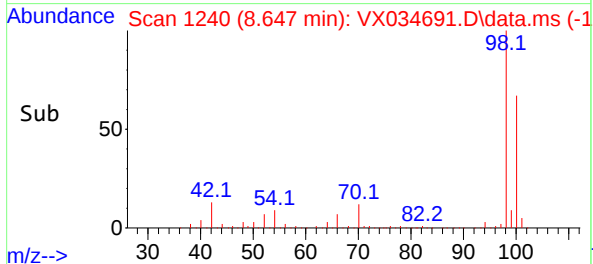
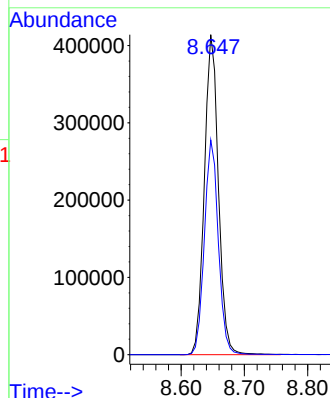
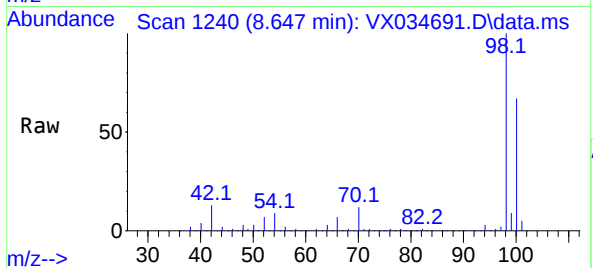
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Tgt Ion: 98 Resp: 640559

Ion Ratio Lower Upper

98 100

100 66.7 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 43.415 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX034691.D

Acq: 23 Mar 2023 11:55

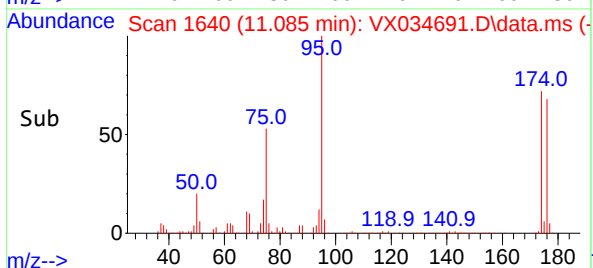
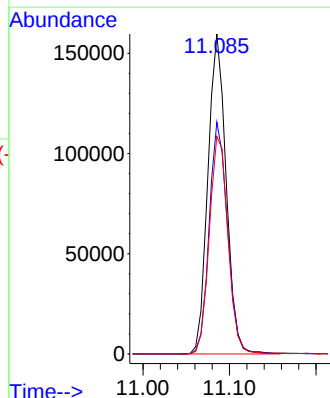
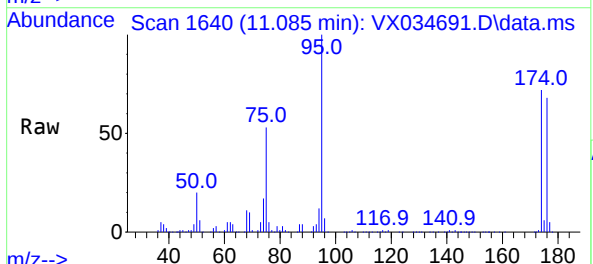
Tgt Ion: 95 Resp: 233074

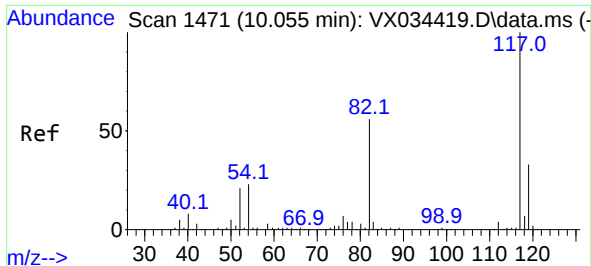
Ion Ratio Lower Upper

95 100

174 73.0 0.0 147.4

176 69.6 0.0 140.6

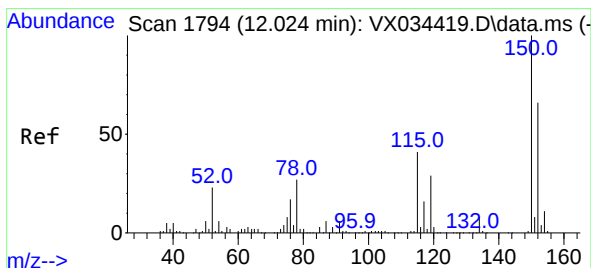
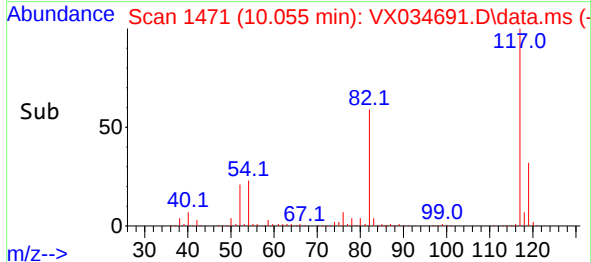
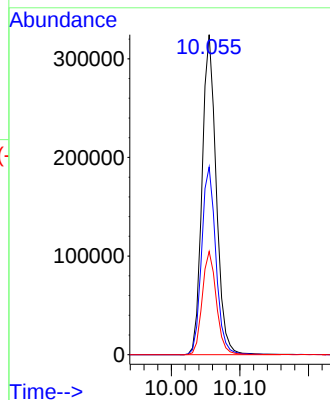
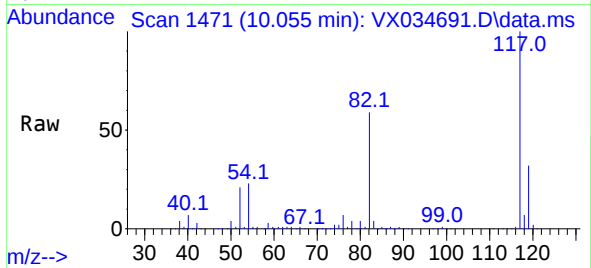




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

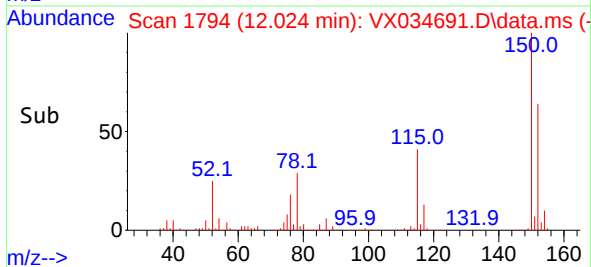
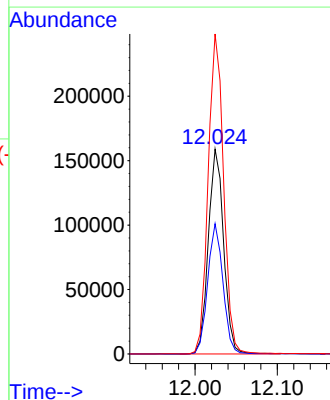
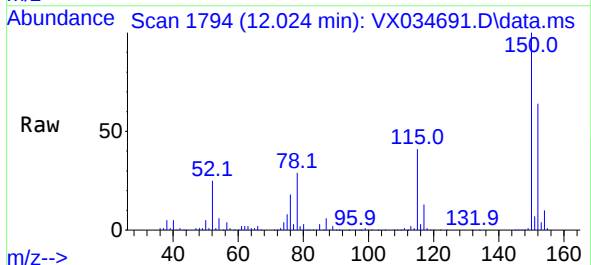
Instrument :
MSVOA_X
ClientSampleId :
ETGI-352

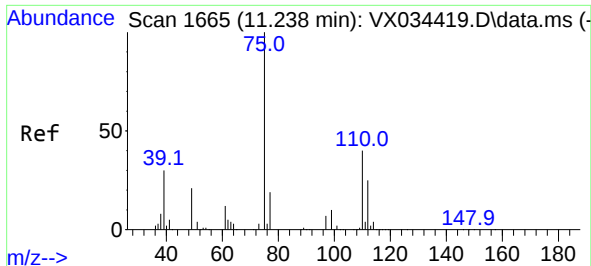
Tgt Ion:117 Resp: 466374
Ion Ratio Lower Upper
117 100
82 58.6 45.0 67.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

Tgt Ion:152 Resp: 205850
Ion Ratio Lower Upper
152 100
115 63.5 45.0 135.0
150 157.2 0.0 352.4

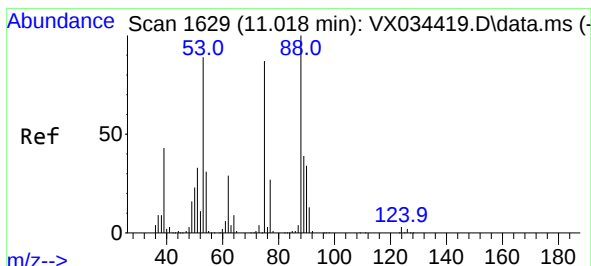
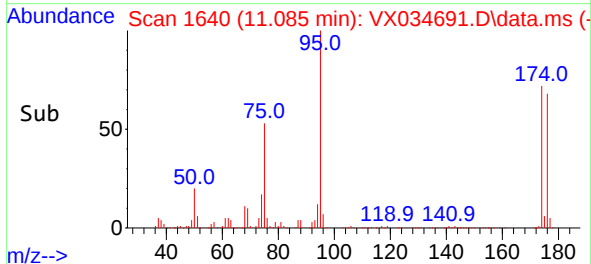
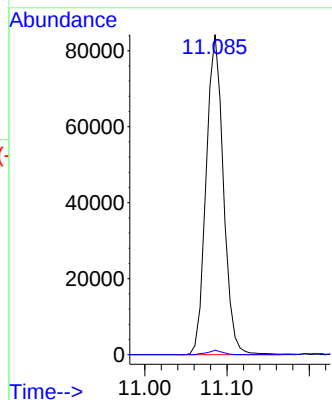
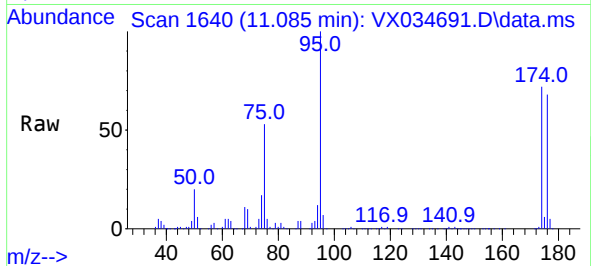




#76
1,2,3-Trichloropropane
Concen: 25.978 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

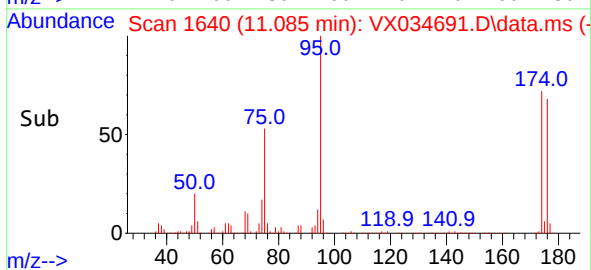
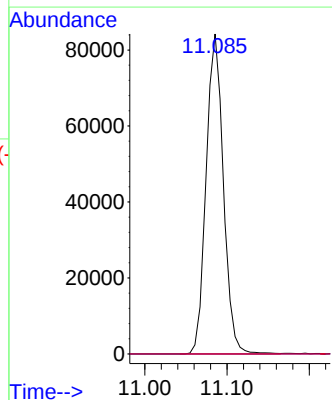
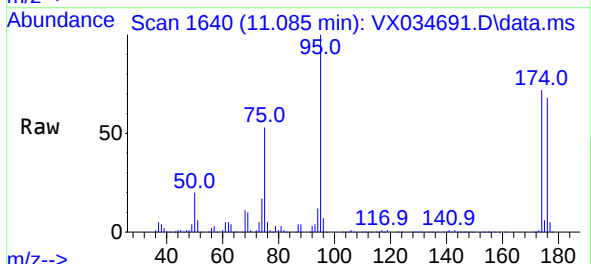
Instrument :
MSVOA_X
ClientSampleId :
ETGI-352

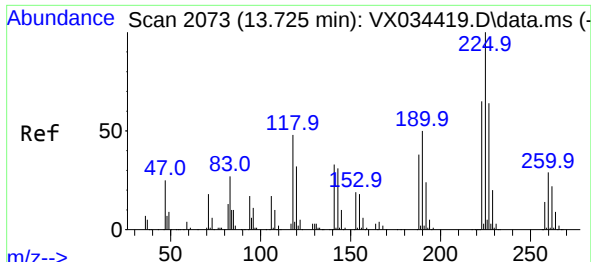
Tgt Ion: 75 Resp: 122785
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.278 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

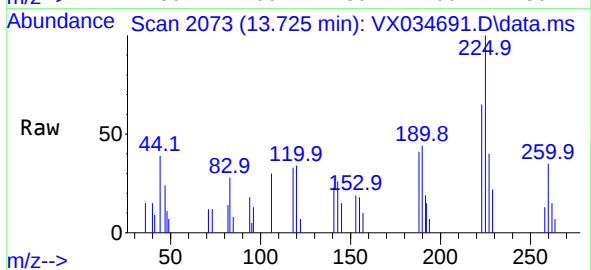
Tgt Ion: 75 Resp: 122785
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#94
Hexachlorobutadiene
Concen: 0.677 ug/l
RT: 13.725 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

Instrument :
MSVOA_X
ClientSampleId :
ETGI-352



Tgt Ion:	225	Resp:	1233
Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.1	96.5
227	55.3	31.8	95.4

