

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035795.D
 Acq On : 22 May 2023 19:18
 Operator : JC/MD
 Sample : 02864-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-280

Quant Time: May 23 06:16:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

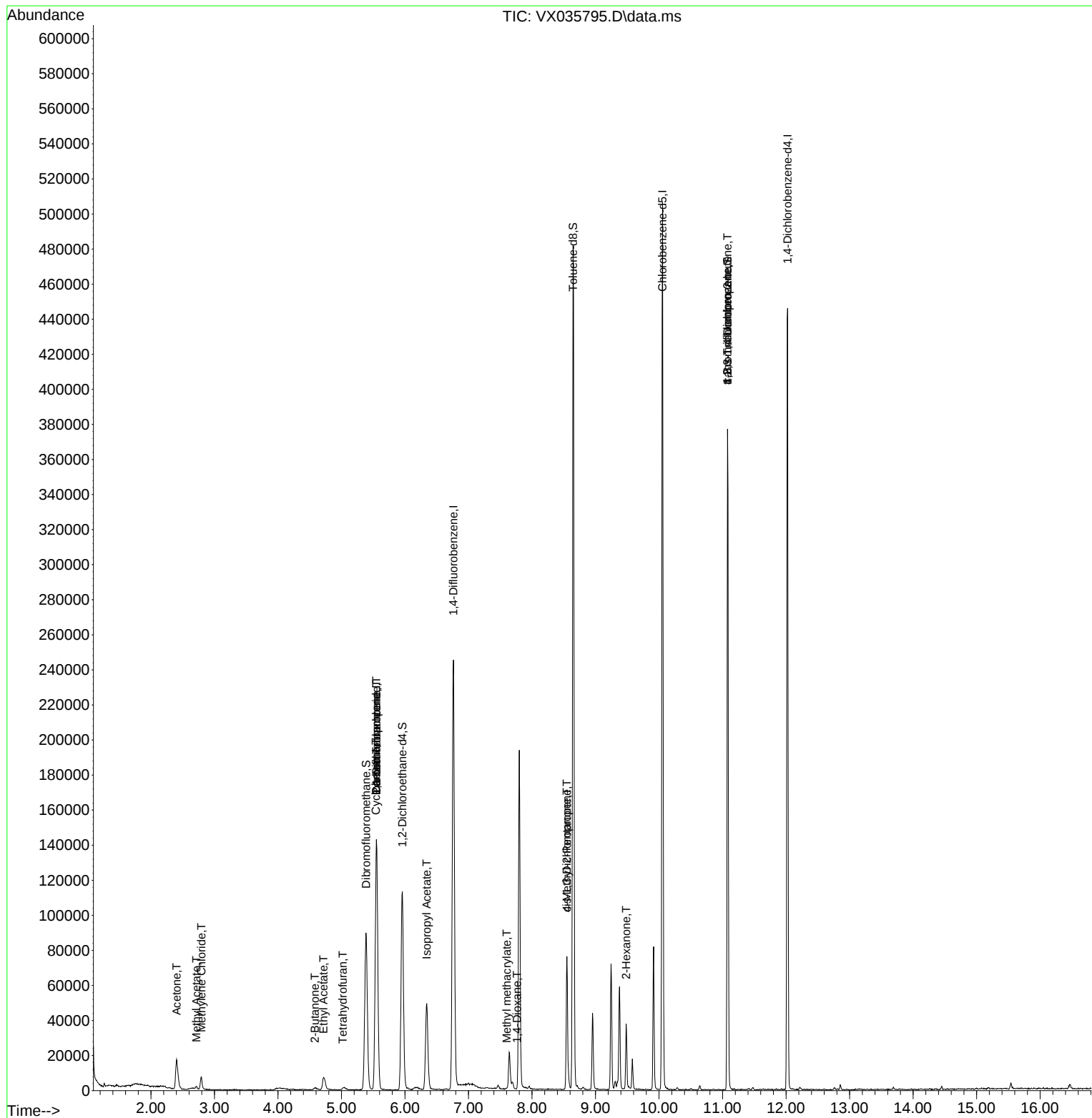
Internal Standards						
1) Pentafluorobenzene	5.549	168	130722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242014	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108644	47.641	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.280%
35) Dibromofluoromethane	5.385	113	77617	47.556	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.120%
50) Toluene-d8	8.646	98	280881	46.584	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.160%
62) 4-Bromofluorobenzene	11.079	95	101014	41.608	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.220%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	27554	28.112	ug/l	99
18) Methyl Acetate	2.715	43	1534	0.424	ug/l	98
20) Methylene Chloride	2.794	84	3575	2.013	ug/l #	80
25) 2-Butanone	4.580	43	3067	2.260	ug/l #	87
29) Tetrahydrofuran	5.019	42	594	0.697	ug/l #	28
31) Cyclohexane	5.543	56	3116	1.081	ug/l #	9
36) 1,1-Dichloropropene	5.549	75	10989	4.265	ug/l #	50
37) Ethyl Acetate	4.714	43	14524	5.405	ug/l	99
38) Carbon Tetrachloride	5.549	117	13753	5.635	ug/l #	15
43) Isopropyl Acetate	6.342	43	69027	14.731	ug/l	100
48) Methyl methacrylate	7.604	41	966	0.418	ug/l #	15
49) 1,4-Dioxane	7.762	88	21	2.410	ug/l #	23
51) 4-Methyl-2-Pentanone	8.549	43	27378	10.142	ug/l #	54
54) cis-1,3-Dichloropropene	8.549	75	11348	3.860	ug/l #	64
59) 2-Hexanone	9.482	43	4332	2.131	ug/l #	54
76) 1,2,3-Trichloropropane	11.079	75	53624	23.861	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	53624	76.900	ug/l #	8

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
Data File : VX035795.D
Acq On : 22 May 2023 19:18
Operator : JC/MD
Sample : 02864-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ETGI-280

Quant Time: May 23 06:16:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

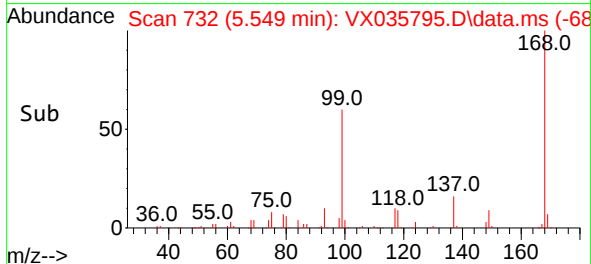
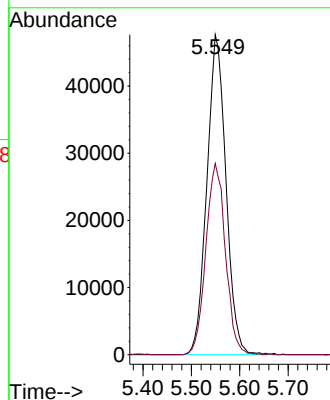
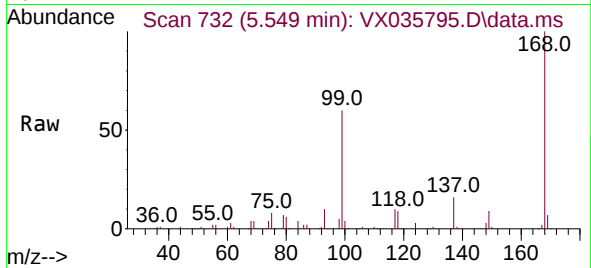




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

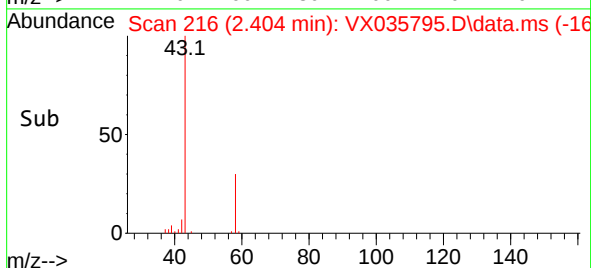
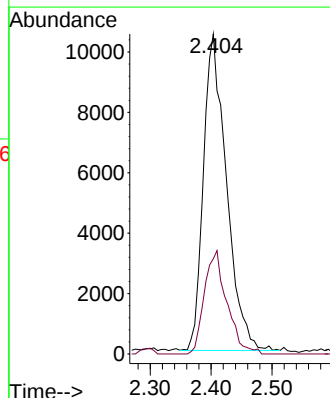
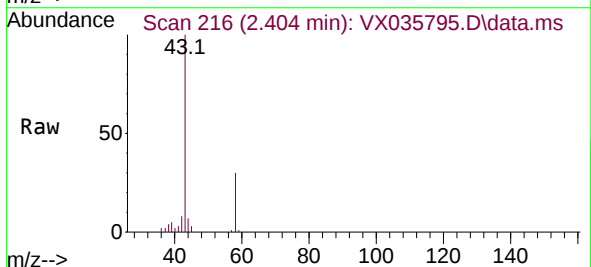
Instrument :
MSVOA_X
ClientSampleId :
ETGI-280

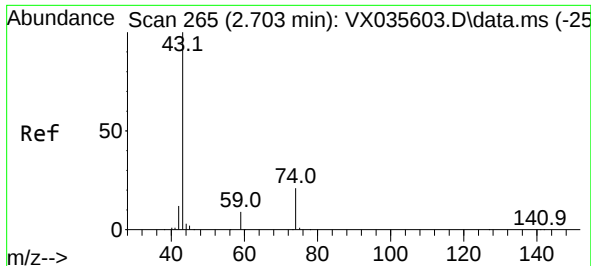
Tgt Ion:168 Resp: 130722
Ion Ratio Lower Upper
168 100
99 59.7 45.7 68.5



#16
Acetone
Concen: 28.112 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

Tgt Ion: 43 Resp: 27554
Ion Ratio Lower Upper
43 100
58 30.1 24.7 37.1

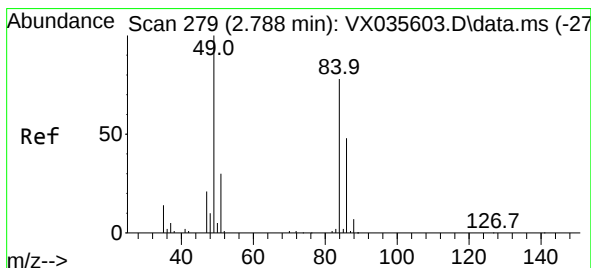
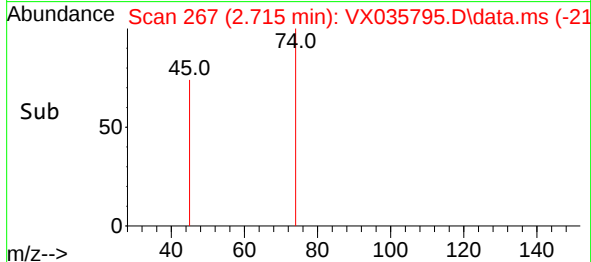
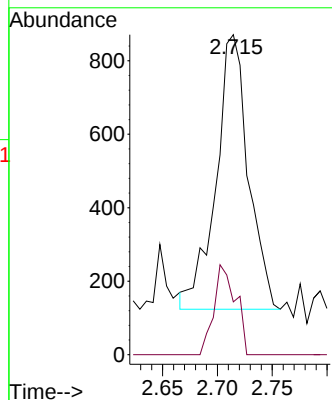
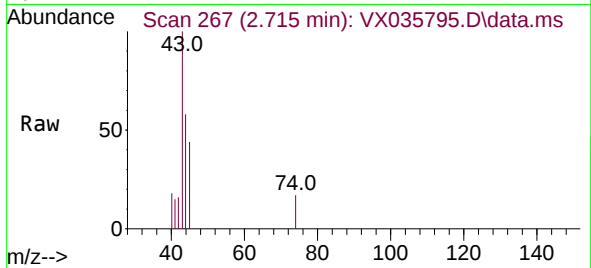




#18
Methyl Acetate
Concen: 0.424 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

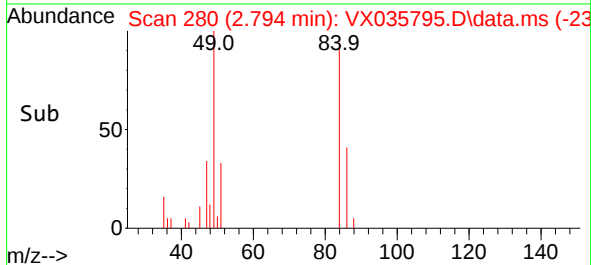
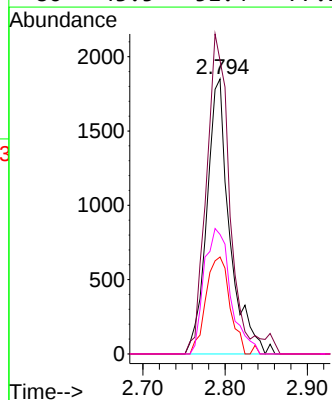
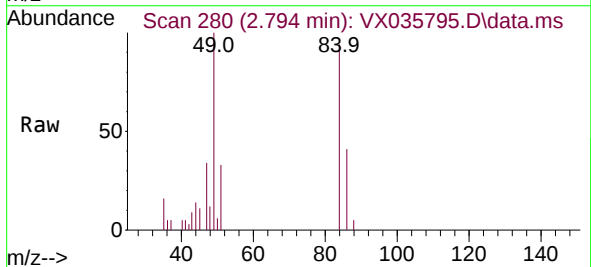
Instrument :
MSVOA_X
ClientSampleId :
ETGI-280

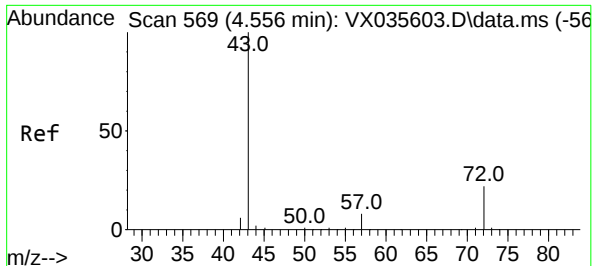
Tgt Ion: 43 Resp: 1534
Ion Ratio Lower Upper
43 100
74 22.0 18.3 27.5



#20
Methylene Chloride
Concen: 2.013 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

Tgt Ion: 84 Resp: 3575
Ion Ratio Lower Upper
84 100
49 106.6 103.8 155.8
51 35.2 31.8 47.8
86 43.5 51.4 77.2#





#25

2-Butanone

Concen: 2.260 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX035795.D

Acq: 22 May 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :

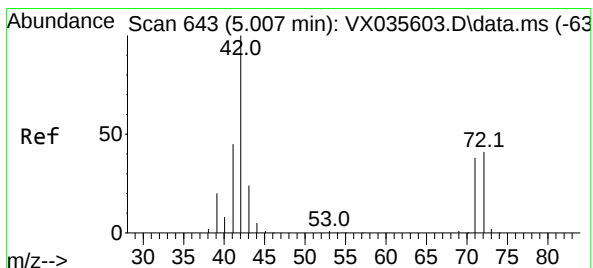
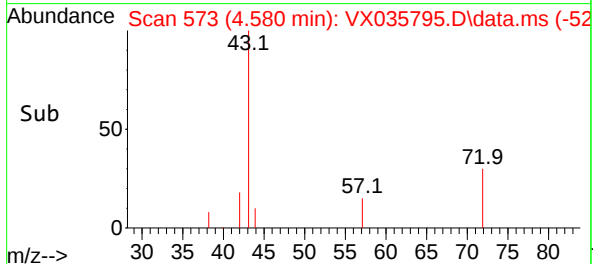
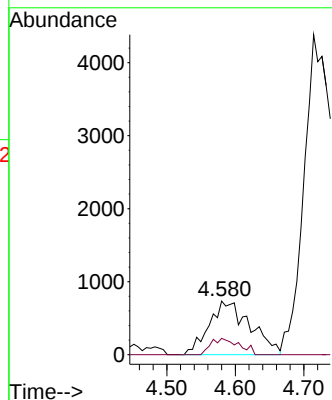
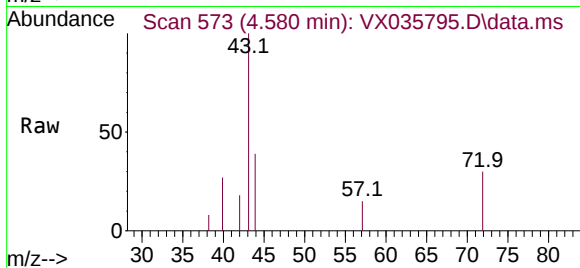
ETGI-280

Tgt Ion: 43 Resp: 3067

Ion Ratio Lower Upper

43 100

72 30.5 19.3 28.9#



#29

Tetrahydrofuran

Concen: 0.697 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.012 min

Lab File: VX035795.D

Acq: 22 May 2023 19:18

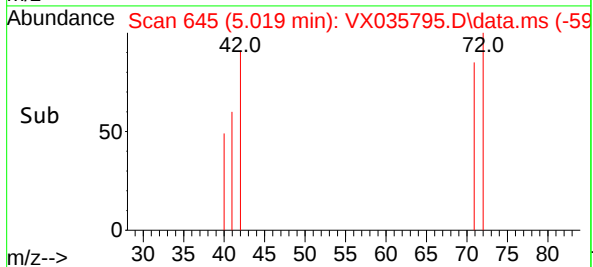
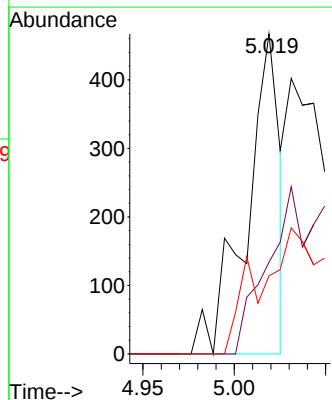
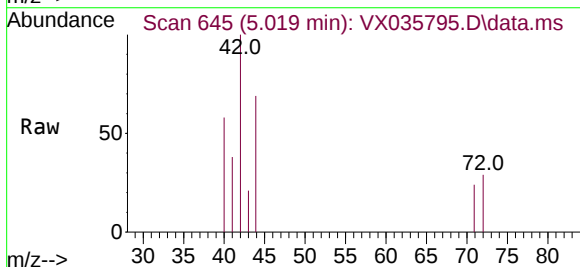
Tgt Ion: 42 Resp: 594

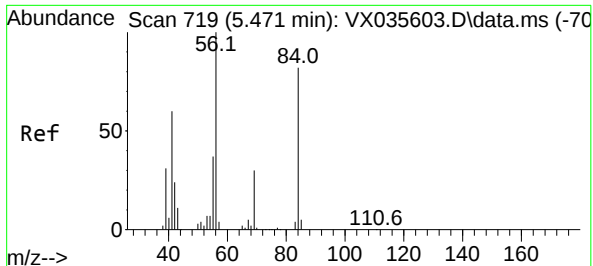
Ion Ratio Lower Upper

42 100

72 102.7 34.5 51.7#

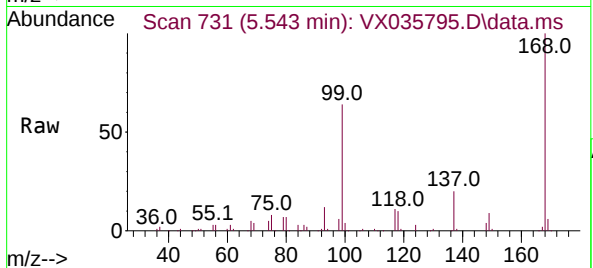
71 70.5 32.1 48.1#



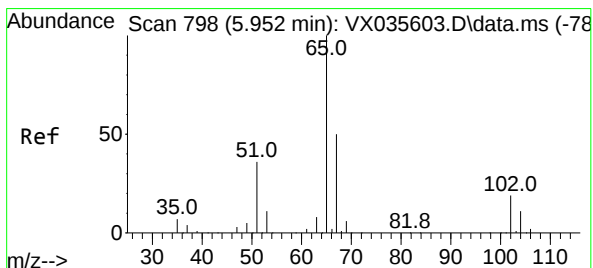
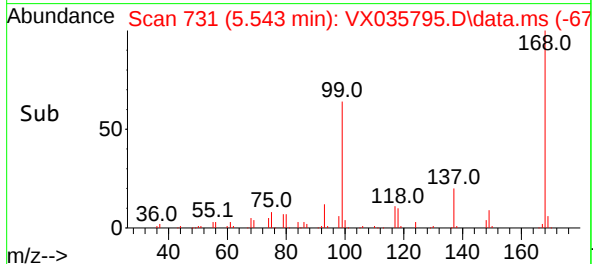
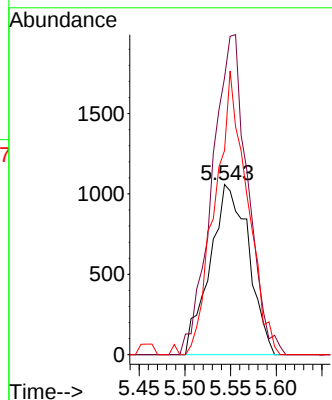


#31
Cyclohexane
Concen: 1.081 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.072 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

Instrument :
MSVOA_X
ClientSampleId :
ETGI-280

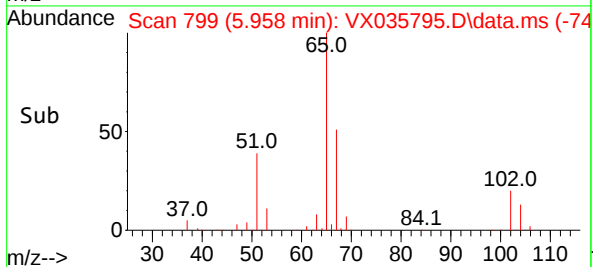
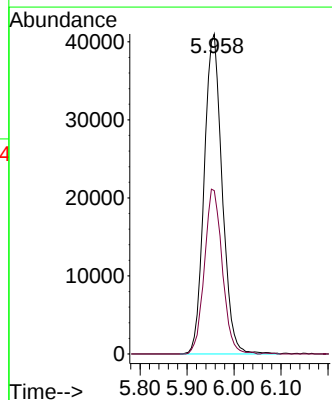
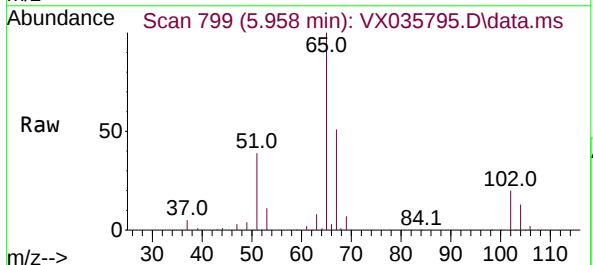


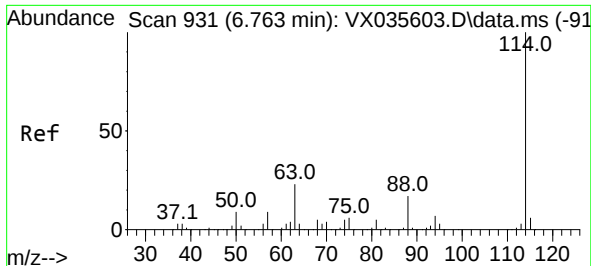
Tgt Ion: 56 Resp: 3116
Ion Ratio Lower Upper
56 100
69 162.6 23.7 35.5#
84 119.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.641 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

Tgt Ion: 65 Resp: 108644
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0

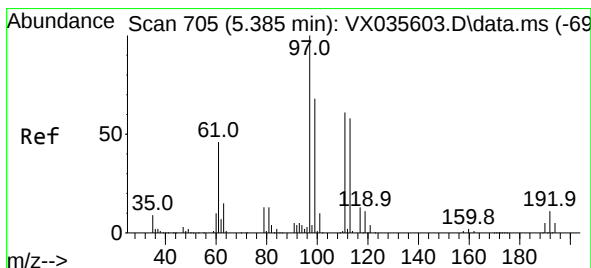
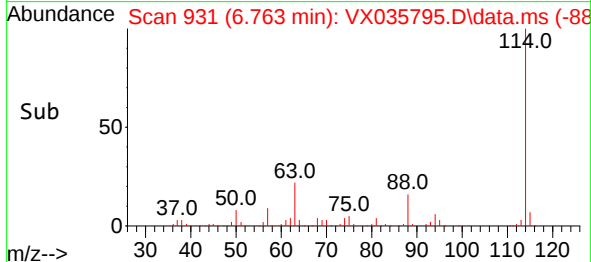
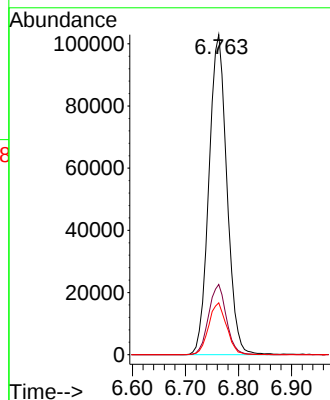
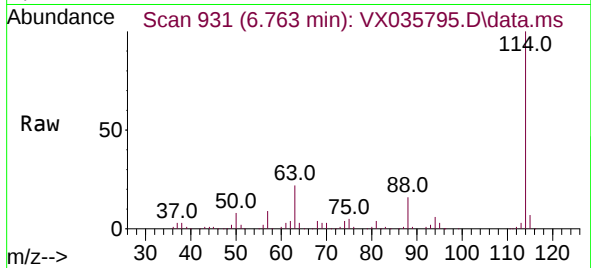




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

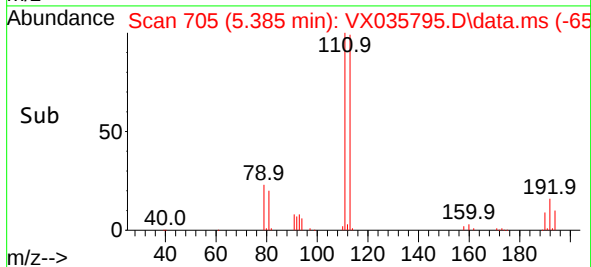
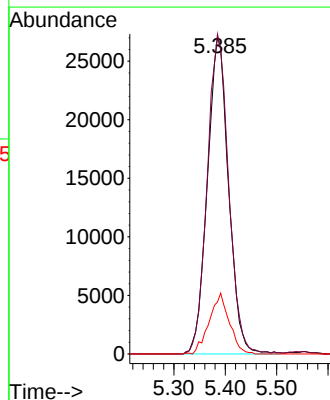
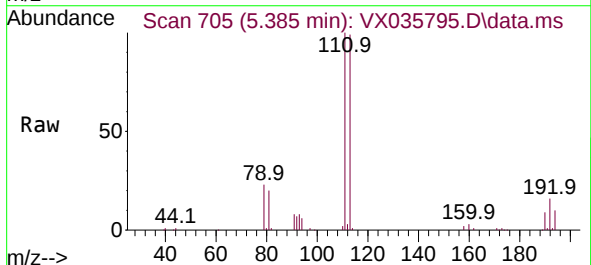
Instrument :
MSVOA_X
ClientSampleId :
ETGI-280

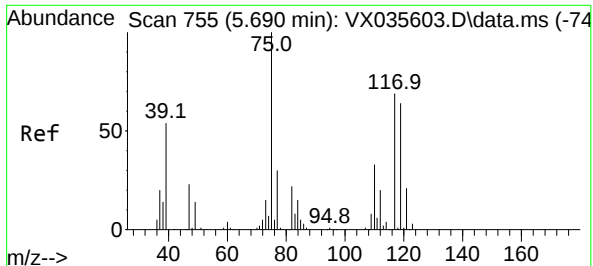
Tgt Ion:114 Resp: 242014
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.556 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

Tgt Ion:113 Resp: 77617
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 18.1 15.4 23.2

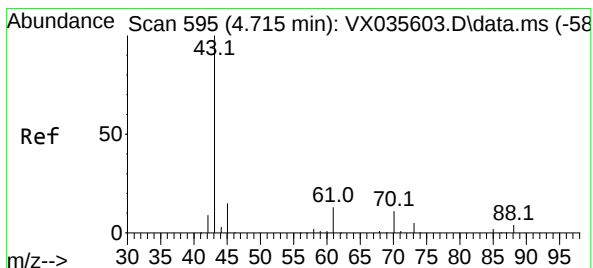
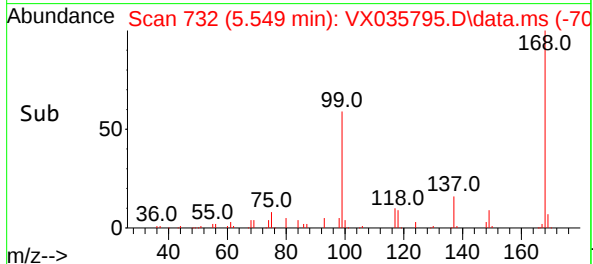
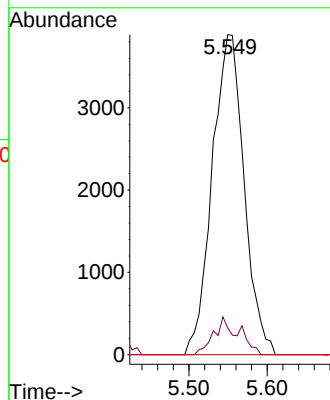
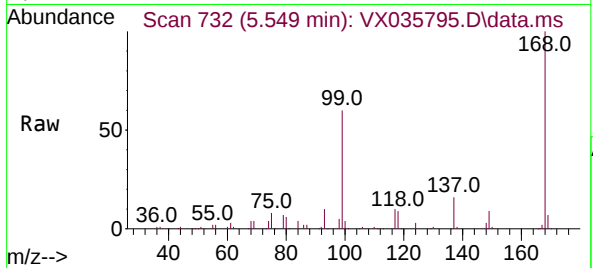




#36
1,1-Dichloropropene
Concen: 4.265 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.141 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

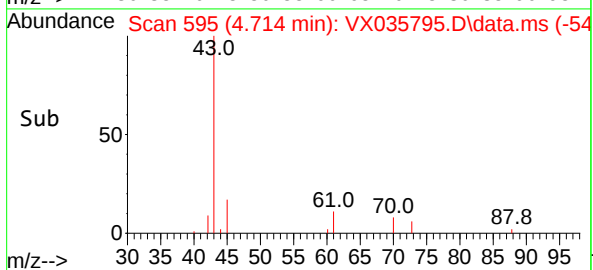
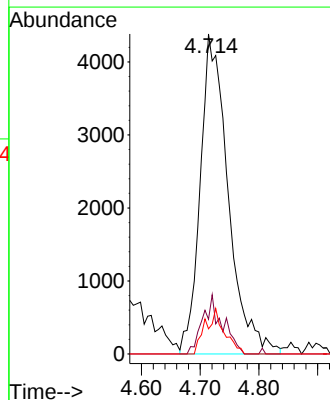
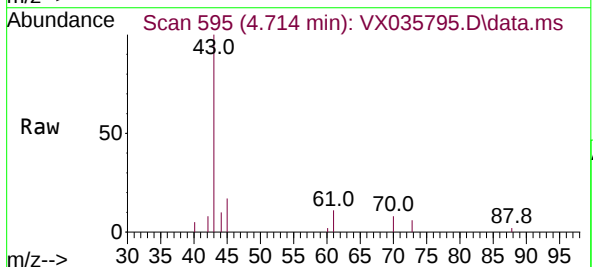
Instrument :
MSVOA_X
ClientSampleId :
ETGI-280

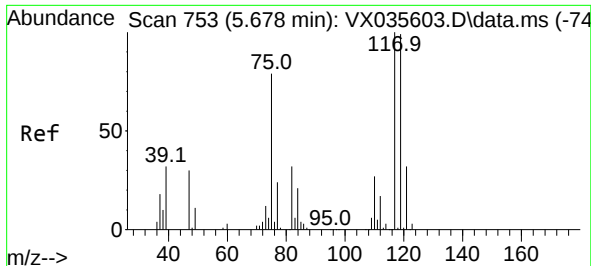
Tgt Ion: 75 Resp: 10989
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 5.405 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

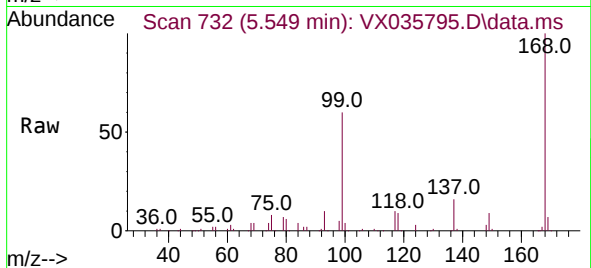
Tgt Ion: 43 Resp: 14524
Ion Ratio Lower Upper
43 100
61 13.1 10.2 15.4
70 9.6 8.2 12.4



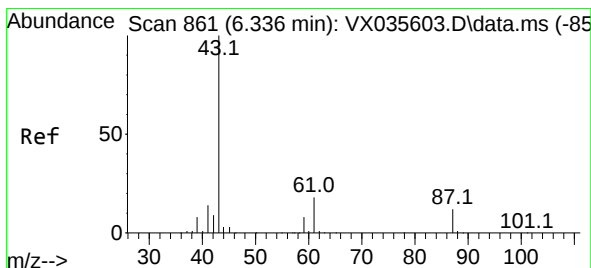
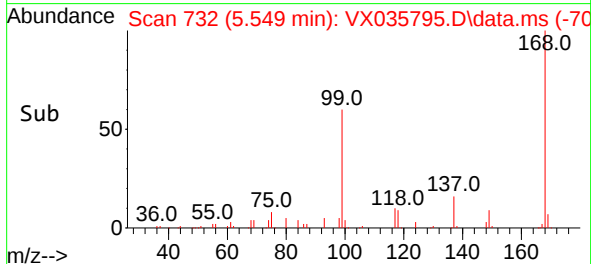
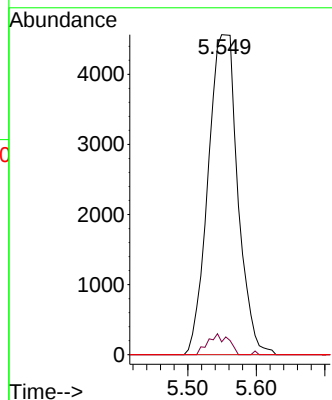


#38
Carbon Tetrachloride
Concen: 5.635 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.129 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

Instrument :
MSVOA_X
ClientSampleId :
ETGI-280

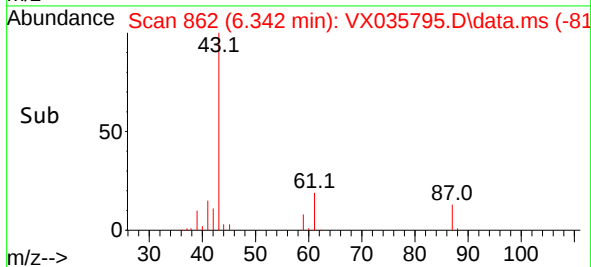
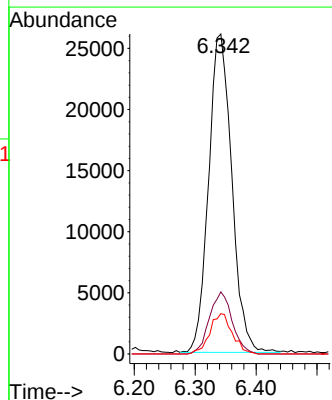
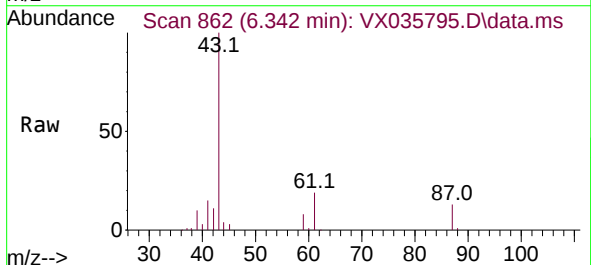


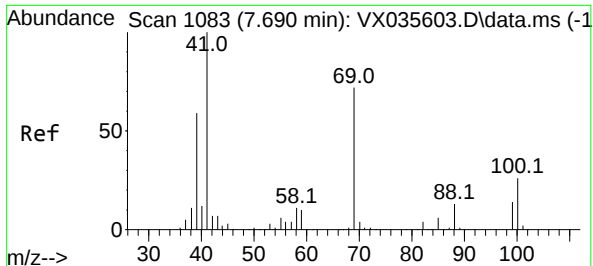
Tgt Ion:117 Resp: 13753
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 14.731 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

Tgt Ion: 43 Resp: 69027
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 12.2 9.8 14.8

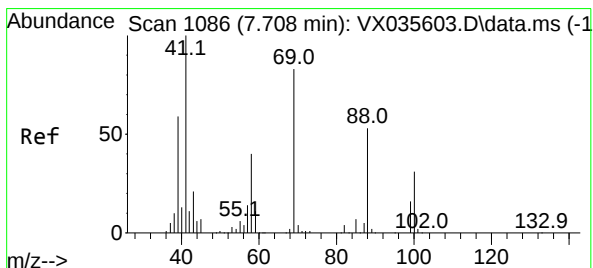
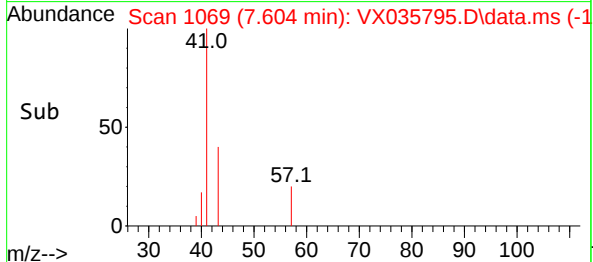
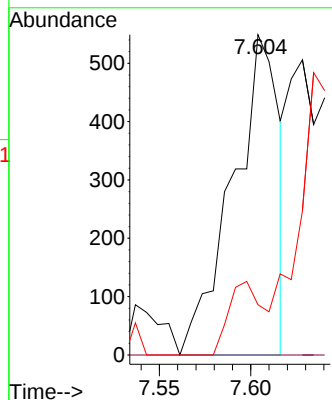
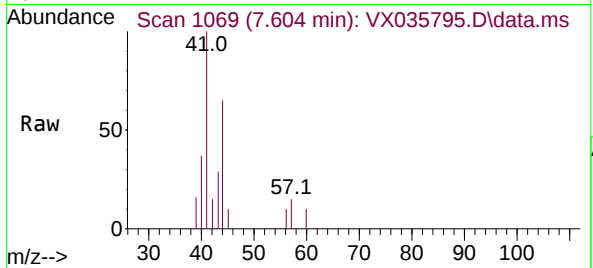




#48
Methyl methacrylate
Concen: 0.418 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.086 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

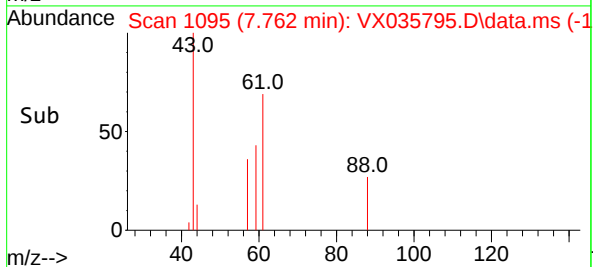
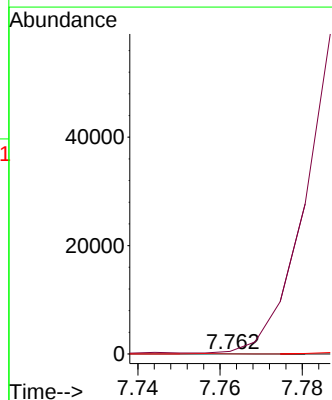
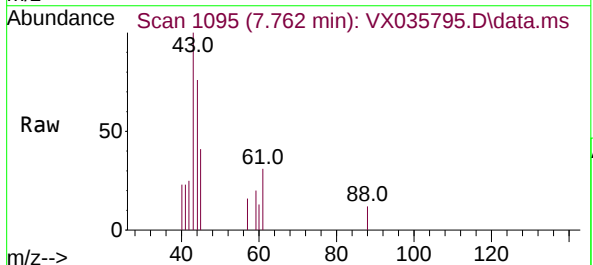
Instrument :
MSVOA_X
ClientSampleId :
ETGI-280

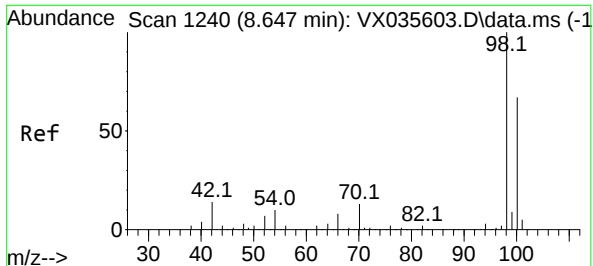
Tgt Ion: 41 Resp: 966
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 47.7 71.5#



#49
1,4-Dioxane
Concen: 2.410 ug/l
RT: 7.762 min Scan# 1095
Delta R.T. 0.054 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#

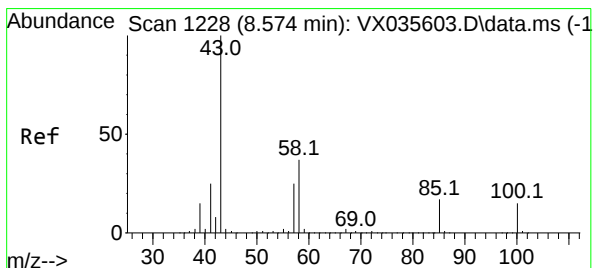
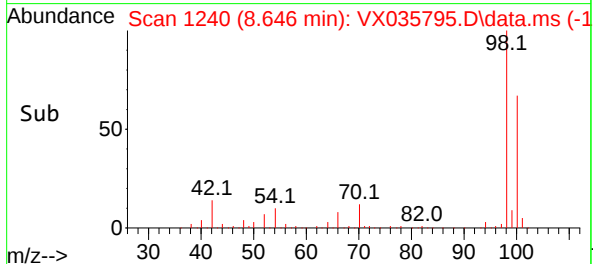
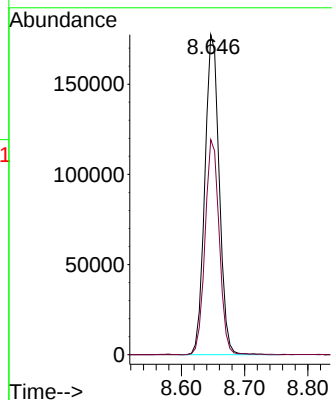
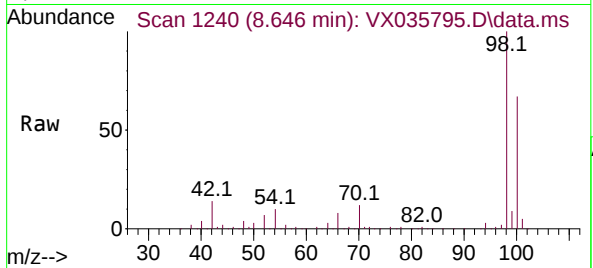




#50
Toluene-d8
Concen: 46.584 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

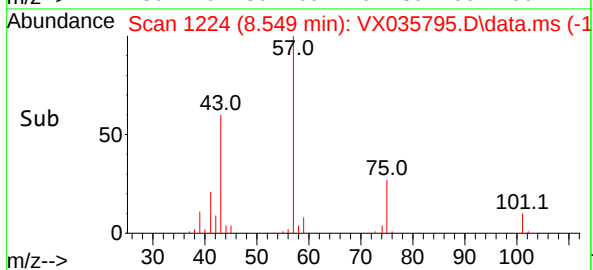
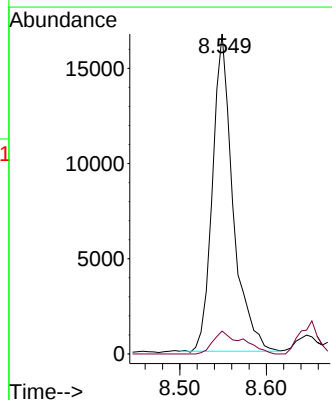
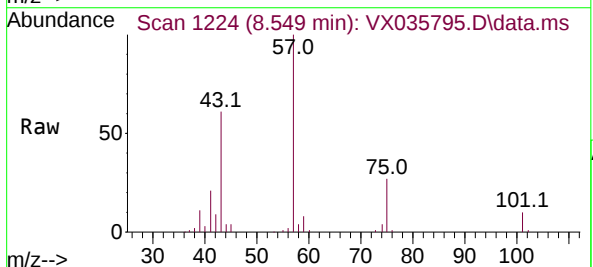
Instrument :
MSVOA_X
ClientSampleId :
ETGI-280

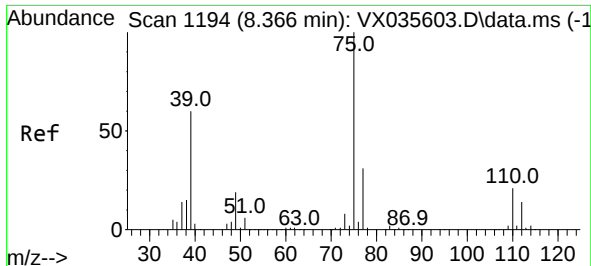
Tgt Ion: 98 Resp: 280881
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 10.142 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

Tgt Ion: 43 Resp: 27378
Ion Ratio Lower Upper
43 100
58 10.4 30.6 46.0#

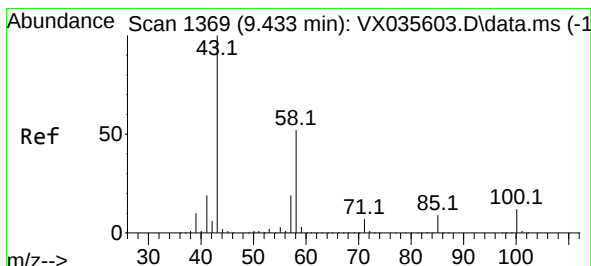
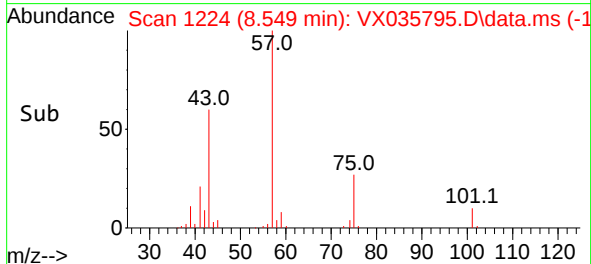
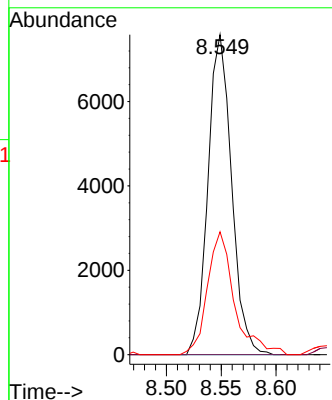
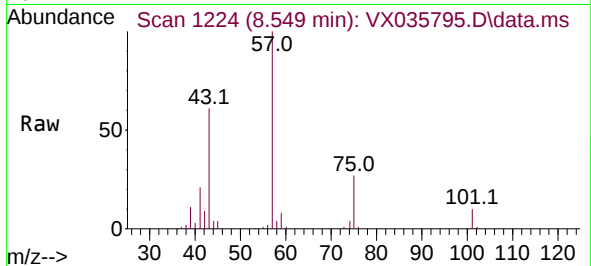




#54
 cis-1,3-Dichloropropene
 Concen: 3.860 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX035795.D
 Acq: 22 May 2023 19:18

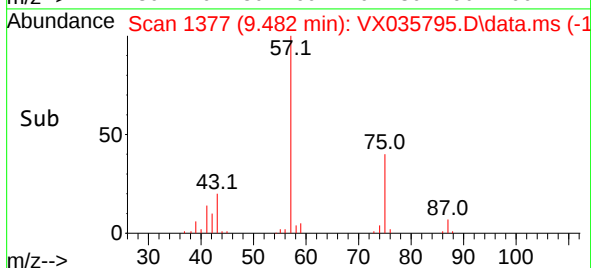
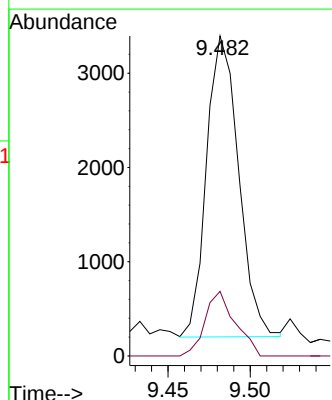
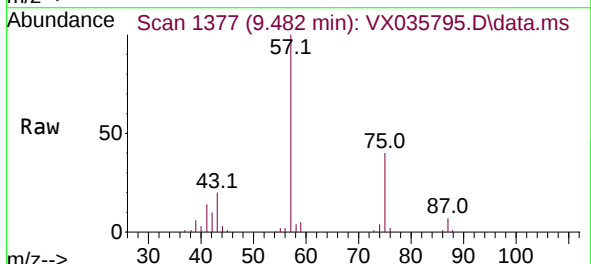
Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-280

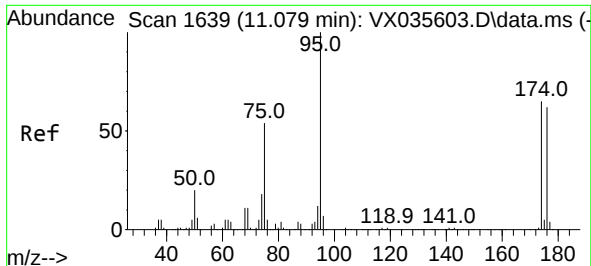
Tgt Ion: 75 Resp: 11348
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#
 39 38.4 44.6 66.8#



#59
 2-Hexanone
 Concen: 2.131 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.049 min
 Lab File: VX035795.D
 Acq: 22 May 2023 19:18

Tgt Ion: 43 Resp: 4332
 Ion Ratio Lower Upper
 43 100
 58 20.2 26.3 78.9#

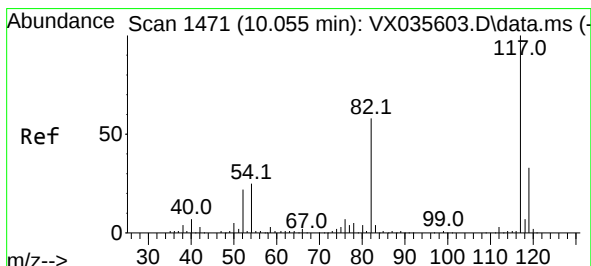
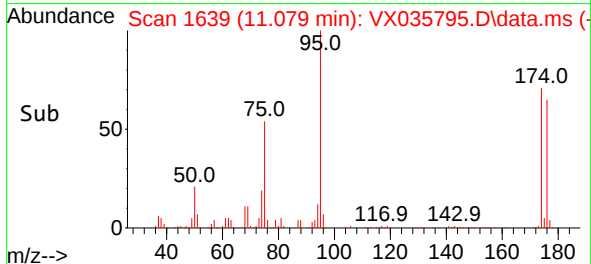
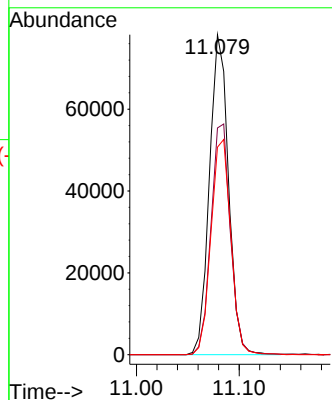
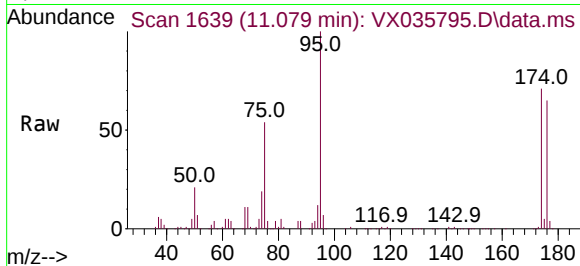




#62
4-Bromofluorobenzene
Concen: 41.608 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

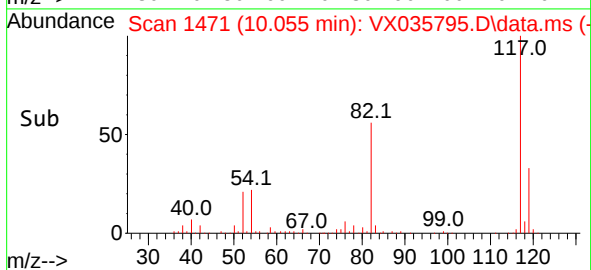
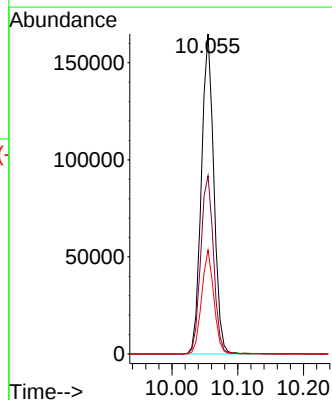
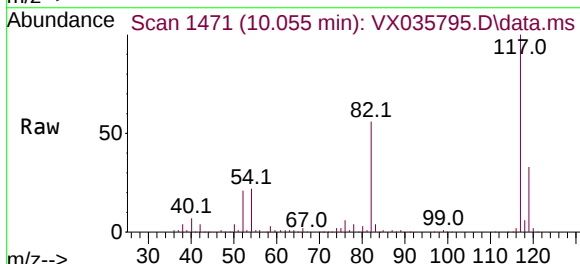
Instrument :
MSVOA_X
ClientSampleId :
ETGI-280

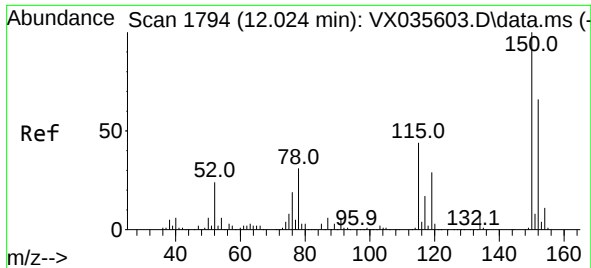
Tgt Ion: 95 Resp: 101014
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.4
176 70.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

Tgt Ion: 117 Resp: 216902
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.4
119 32.5 26.0 39.0

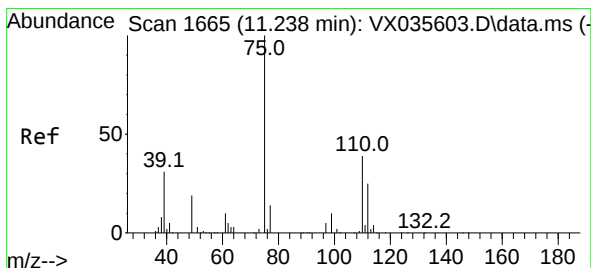
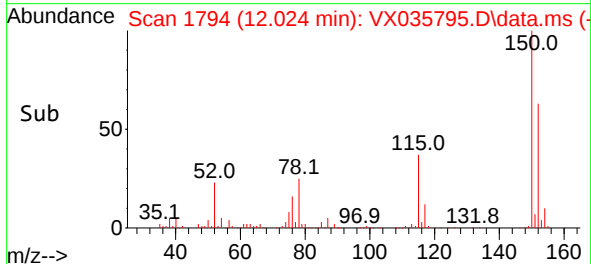
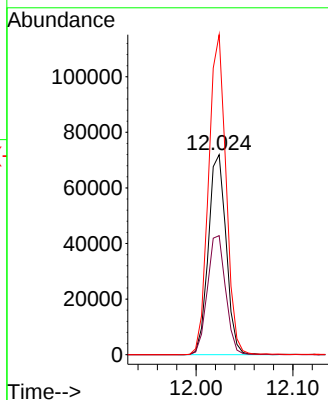
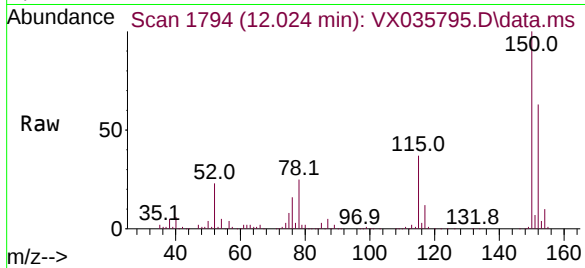




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

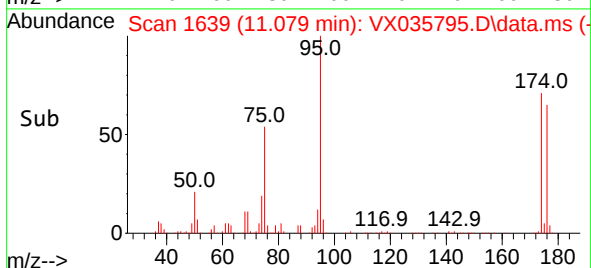
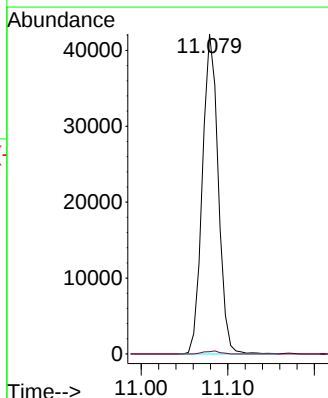
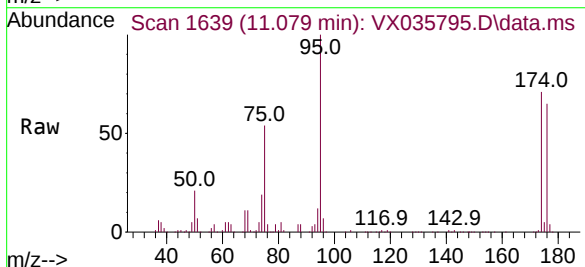
Instrument :
MSVOA_X
ClientSampleId :
ETGI-280

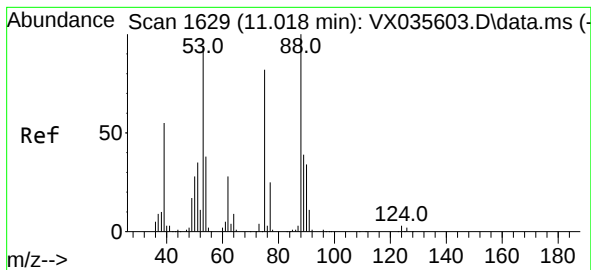
Tgt Ion:152 Resp: 91878
Ion Ratio Lower Upper
152 100
115 61.0 45.0 135.0
150 157.0 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 23.861 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035795.D
Acq: 22 May 2023 19:18

Tgt Ion: 75 Resp: 53624
Ion Ratio Lower Upper
75 100
77 0.9 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.900 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX035795.D
 Acq: 22 May 2023 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-280

Tgt Ion: 75 Resp: 53624
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

