

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035544.D
 Acq On : 05 May 2023 18:21
 Operator : JC/MD
 Sample : 02598-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-328

Quant Time: May 08 00:52:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

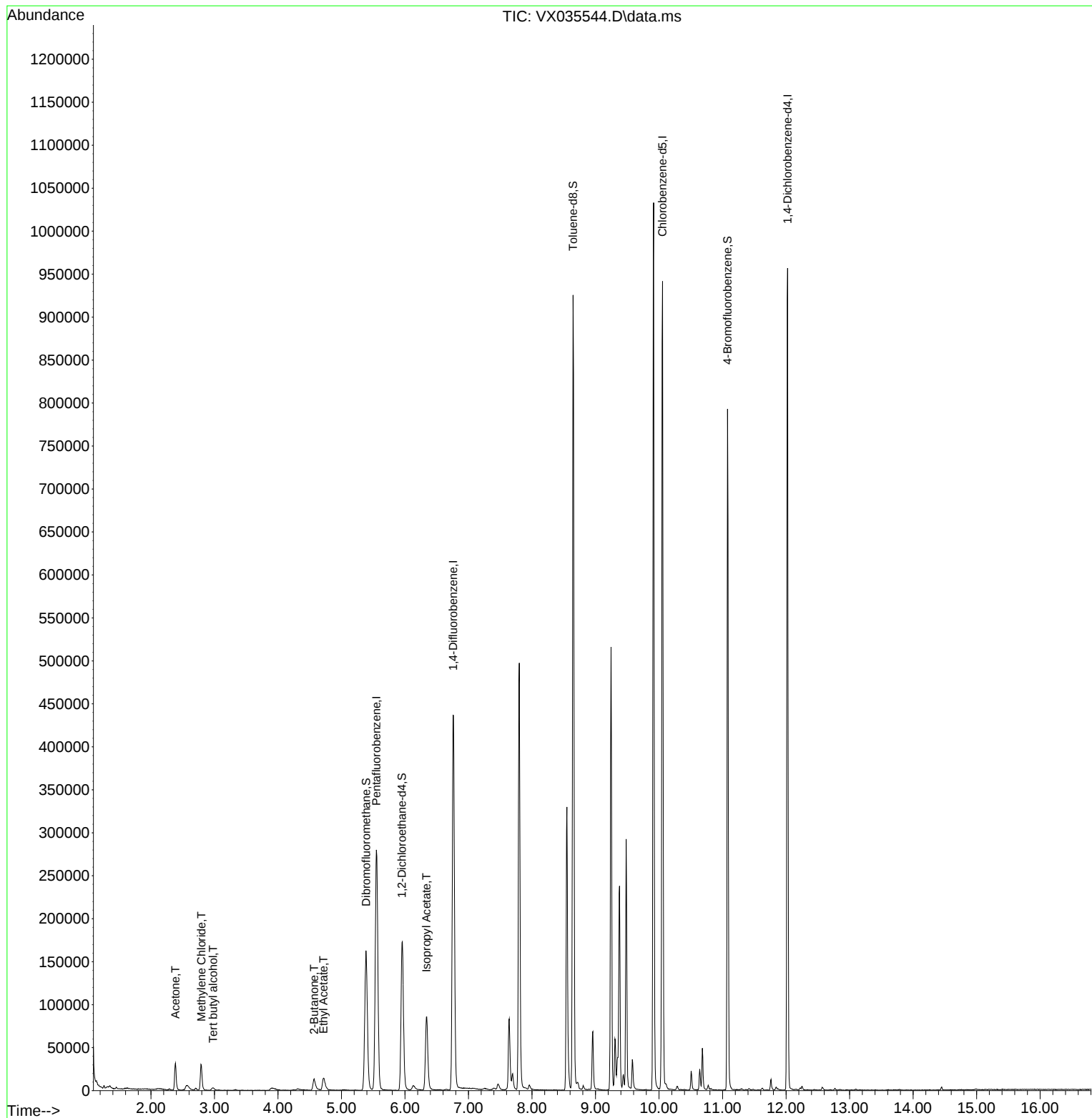
Internal Standards						
1) Pentafluorobenzene	5.550	168	276689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	462140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	430563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170263	51.006	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.020%		
35) Dibromofluoromethane	5.385	113	144547	50.960	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.920%		
50) Toluene-d8	8.647	98	544394	50.877	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.760%		
62) 4-Bromofluorobenzene	11.079	95	212389	52.765	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.520%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.977	59	4797	7.892	ug/l	# 88
16) Acetone	2.386	43	35911	24.770	ug/l	97
20) Methylene Chloride	2.794	84	14161	4.260	ug/l	98
25) 2-Butanone	4.568	43	24721	11.682	ug/l	95
37) Ethyl Acetate	4.715	43	27278	6.743	ug/l	97
43) Isopropyl Acetate	6.336	43	121508	17.876	ug/l	97

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

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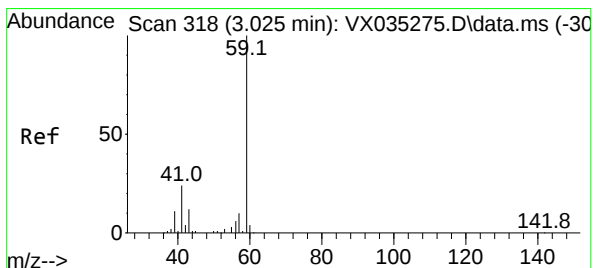
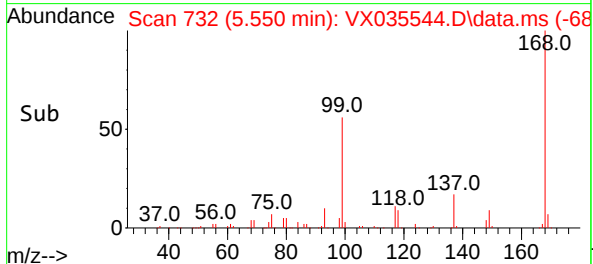
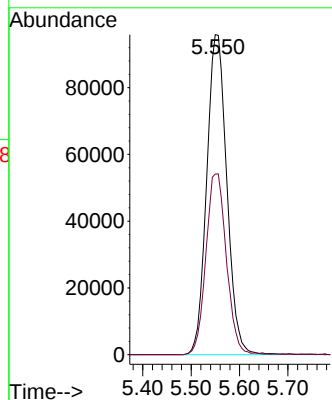
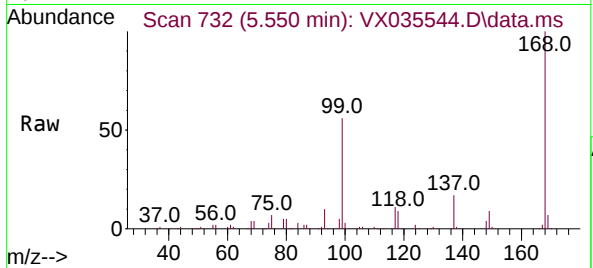




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035544.D
Acq: 05 May 2023 18:21

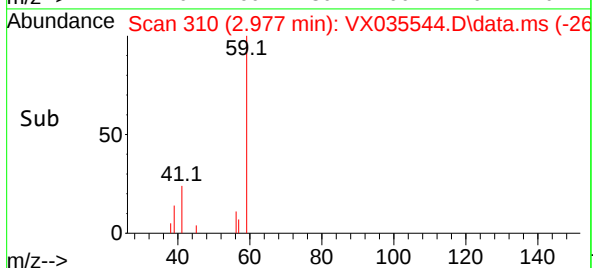
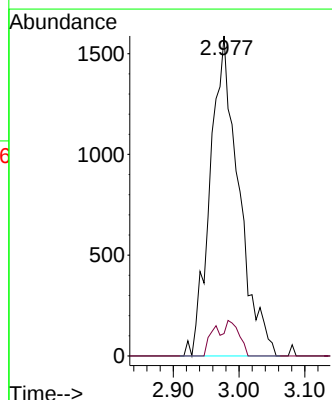
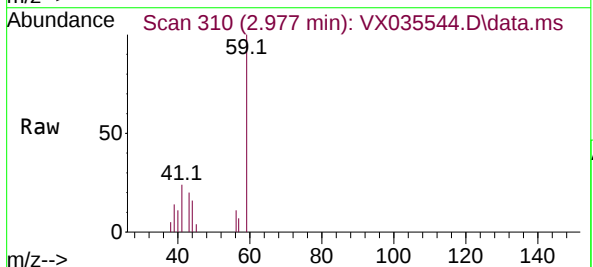
Instrument :
MSVOA_X
ClientSampleId :
ETGI-328

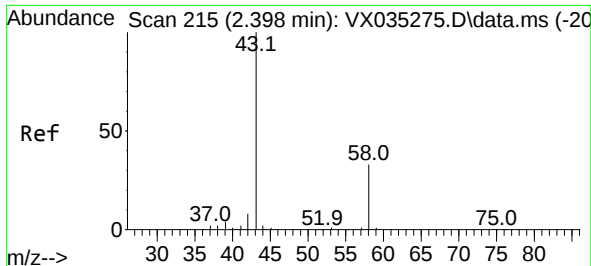
Tgt Ion:168 Resp: 276689
Ion Ratio Lower Upper
168 100
99 56.5 45.7 68.5



#11
Tert butyl alcohol
Concen: 7.892 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.048 min
Lab File: VX035544.D
Acq: 05 May 2023 18:21

Tgt Ion: 59 Resp: 4797
Ion Ratio Lower Upper
59 100
57 5.7 8.1 12.1#

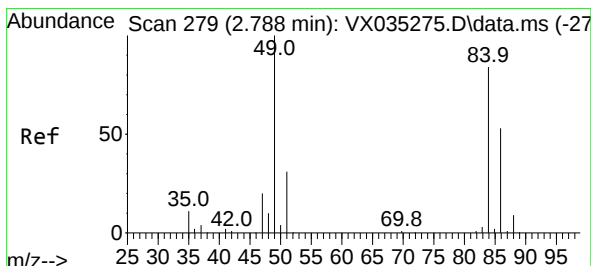
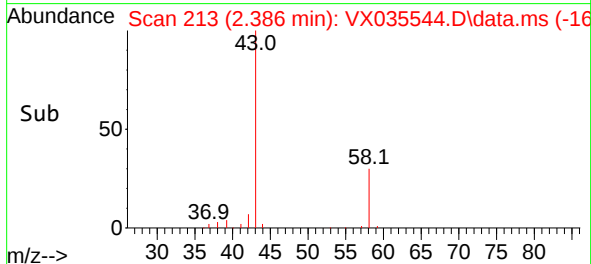
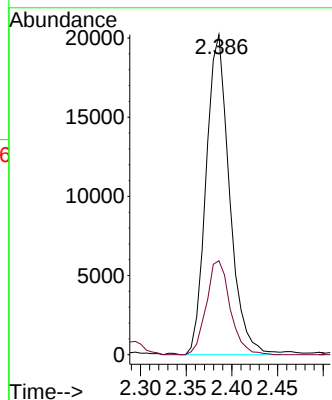
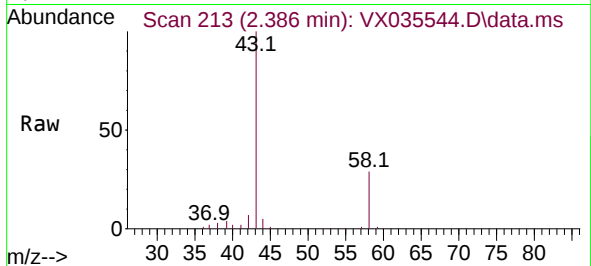




#16
Acetone
Concen: 24.770 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX035544.D
Acq: 05 May 2023 18:21

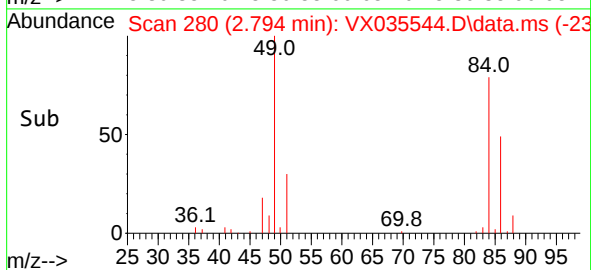
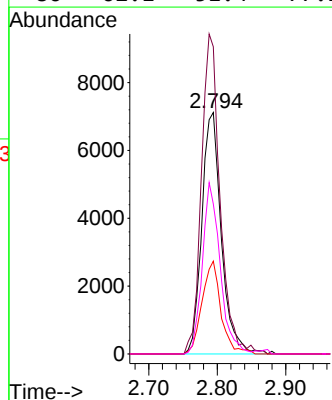
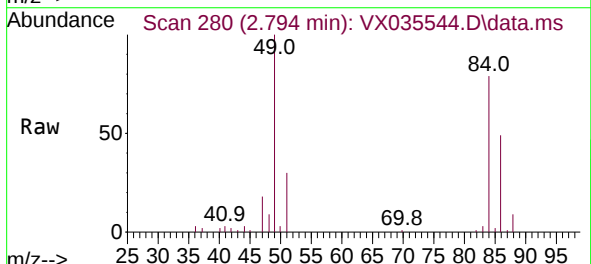
Instrument :
MSVOA_X
ClientSampleId :
ETGI-328

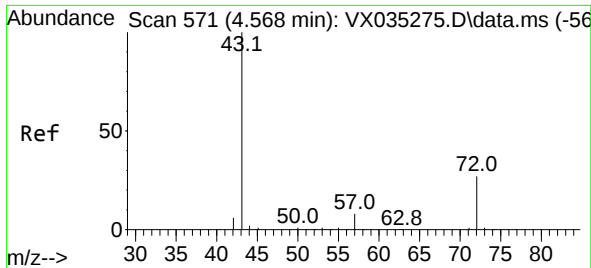
Tgt Ion: 43 Resp: 35911
Ion Ratio Lower Upper
43 100
58 29.4 24.7 37.1



#20
Methylene Chloride
Concen: 4.260 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035544.D
Acq: 05 May 2023 18:21

Tgt Ion: 84 Resp: 14161
Ion Ratio Lower Upper
84 100
49 127.2 103.8 155.8
51 38.4 31.8 47.8
86 62.1 51.4 77.2

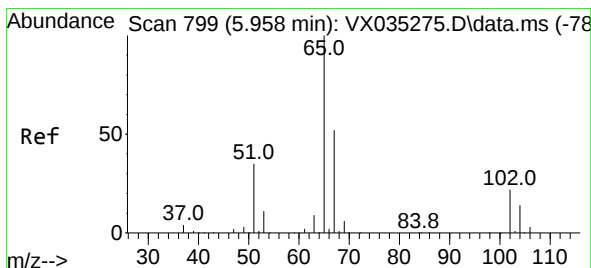
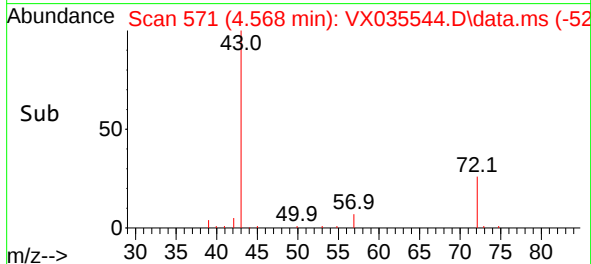
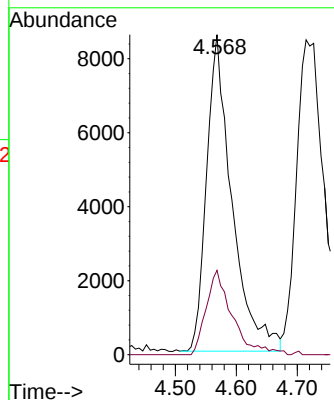
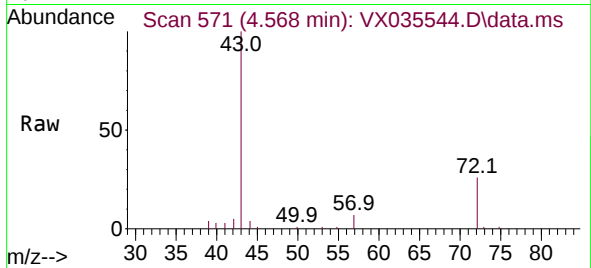




#25
2-Butanone
Concen: 11.682 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX035544.D
Acq: 05 May 2023 18:21

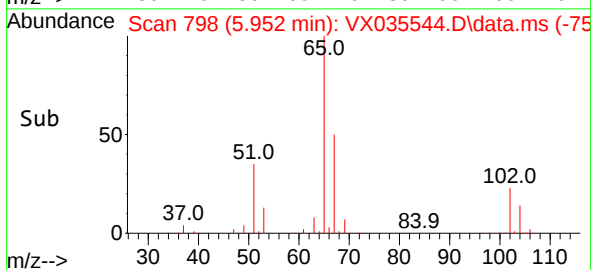
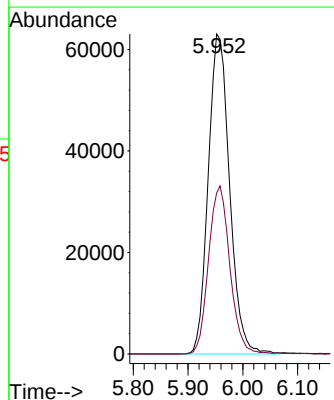
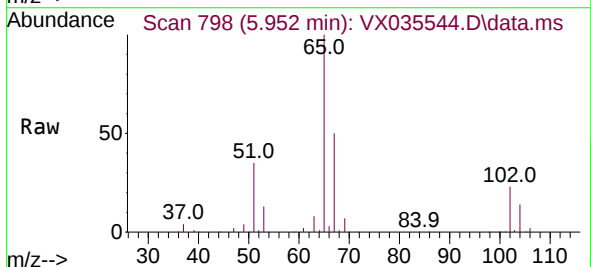
Instrument :
MSVOA_X
ClientSampleId :
ETGI-328

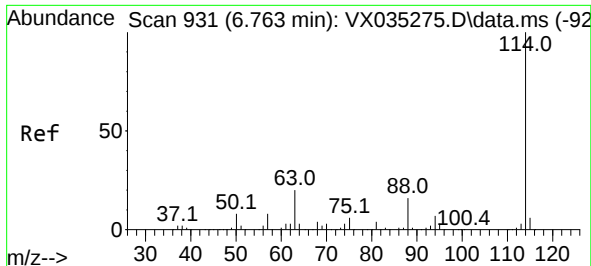
Tgt Ion: 43 Resp: 24721
Ion Ratio Lower Upper
43 100
72 26.6 19.3 28.9



#33
1,2-Dichloroethane-d4
Concen: 51.006 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035544.D
Acq: 05 May 2023 18:21

Tgt Ion: 65 Resp: 170263
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0

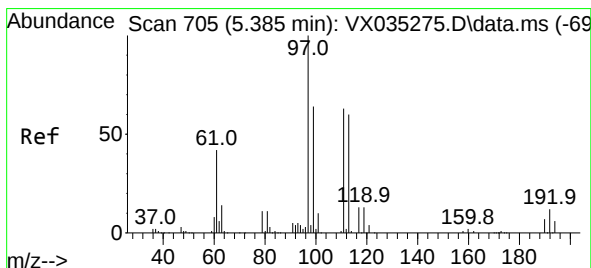
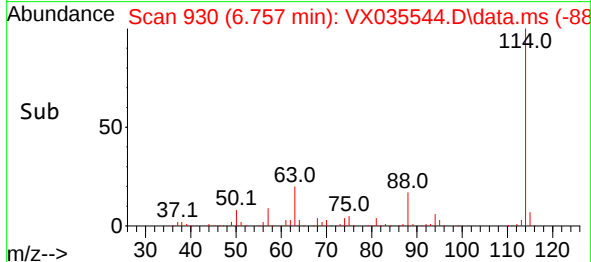
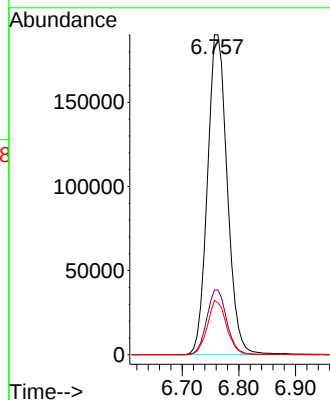
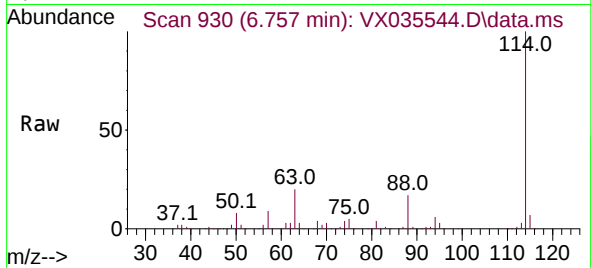




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035544.D
Acq: 05 May 2023 18:21

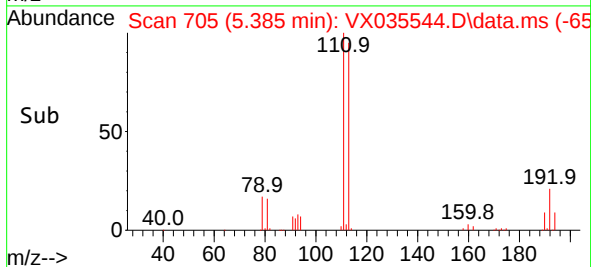
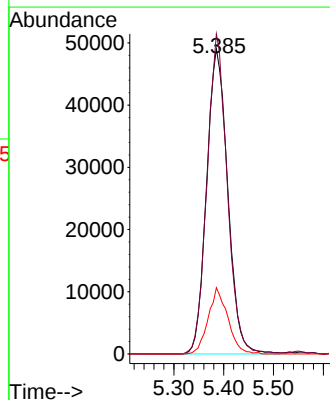
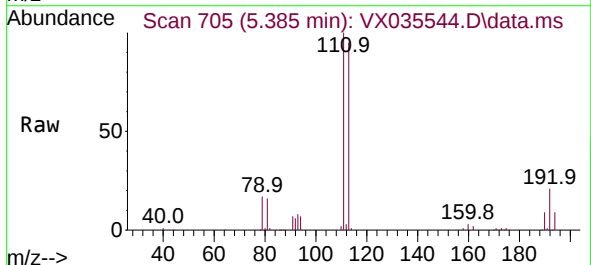
Instrument :
MSVOA_X
ClientSampleId :
ETGI-328

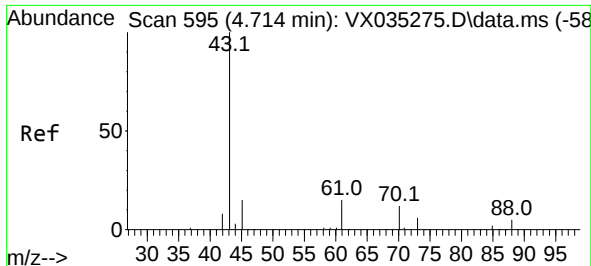
Tgt Ion:114 Resp: 462140
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.960 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035544.D
Acq: 05 May 2023 18:21

Tgt Ion:113 Resp: 144547
Ion Ratio Lower Upper
113 100
111 100.4 83.7 125.5
192 20.2 15.4 23.2





#37

Ethyl Acetate

Concen: 6.743 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX035544.D

Acq: 05 May 2023 18:21

Instrument :

MSVOA_X

ClientSampleId :

ETGI-328

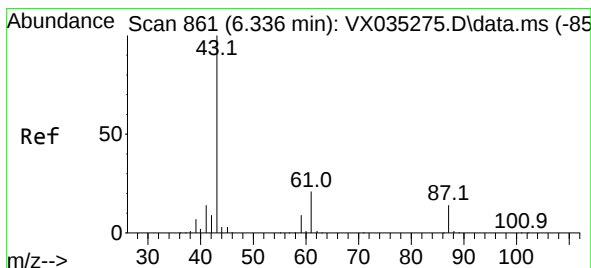
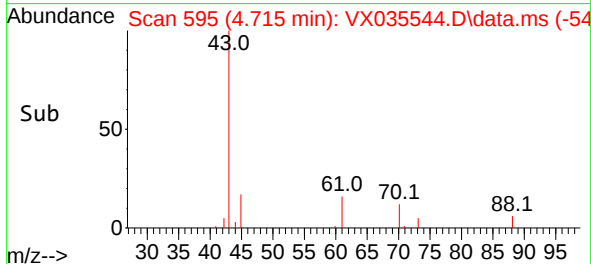
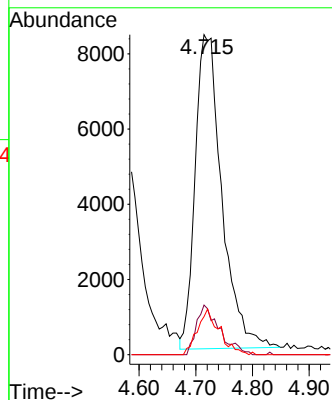
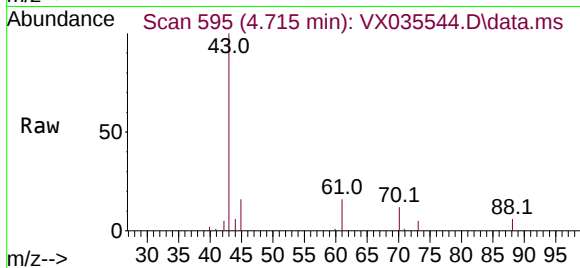
Tgt Ion: 43 Resp: 27278

Ion Ratio Lower Upper

43 100

61 13.7 10.2 15.4

70 12.0 8.2 12.4



#43

Isopropyl Acetate

Concen: 17.876 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035544.D

Acq: 05 May 2023 18:21

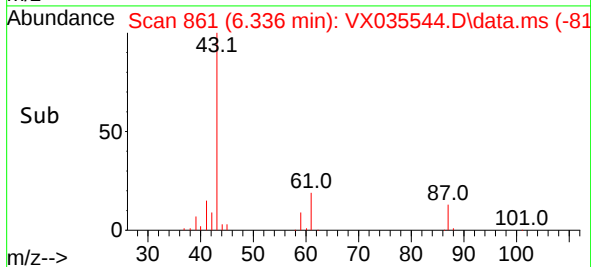
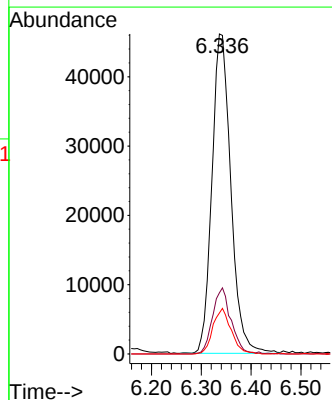
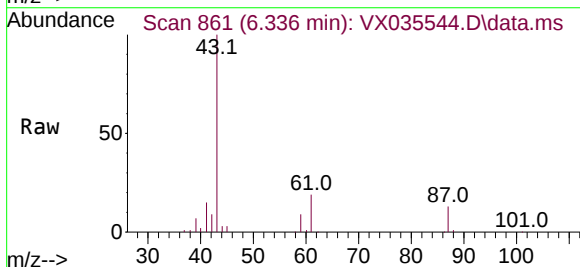
Tgt Ion: 43 Resp: 121508

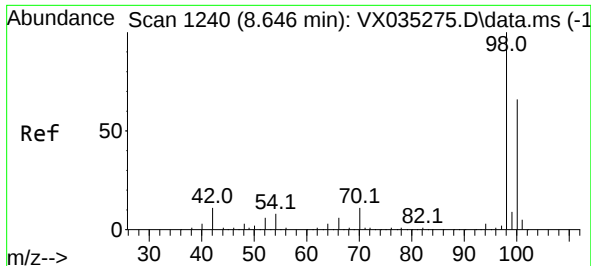
Ion Ratio Lower Upper

43 100

61 20.3 15.2 22.8

87 13.7 9.8 14.8

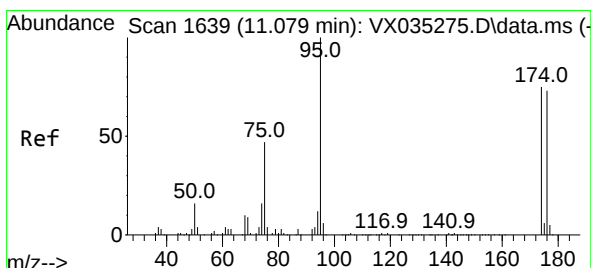
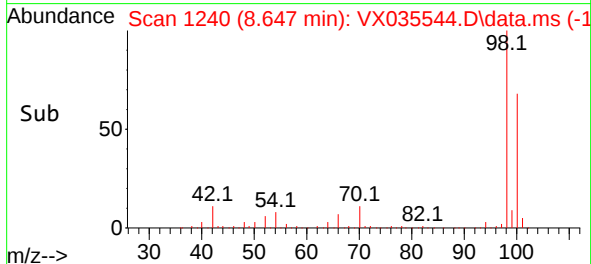
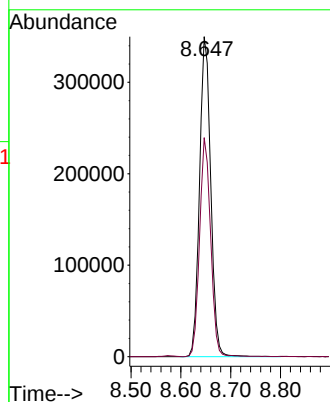
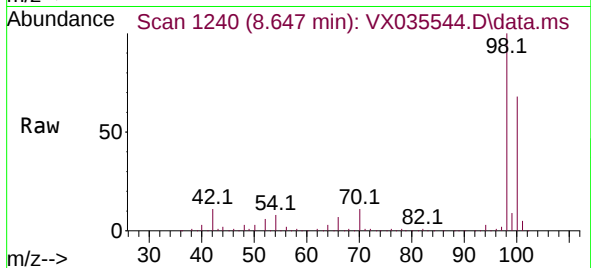




#50
Toluene-d8
Concen: 50.877 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035544.D
Acq: 05 May 2023 18:21

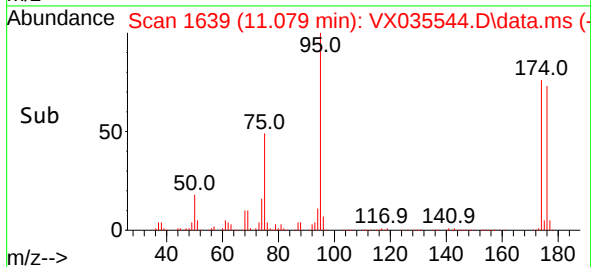
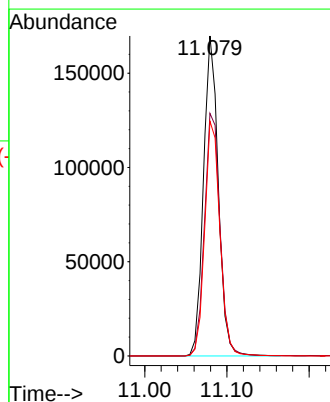
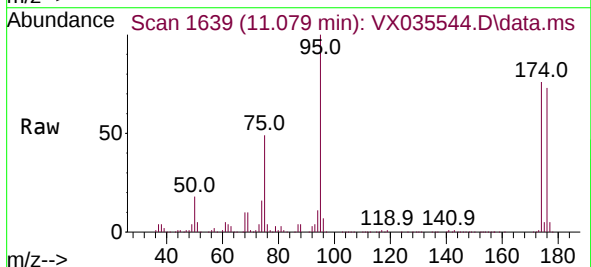
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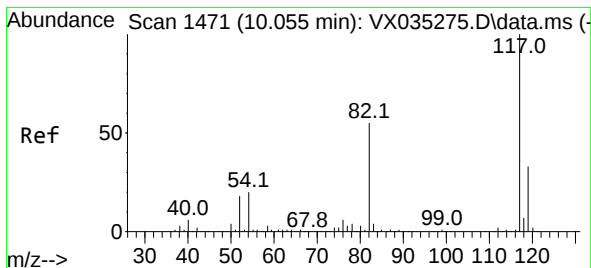
Tgt Ion: 98 Resp: 544394
Ion Ratio Lower Upper
98 100
100 67.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035544.D
Acq: 05 May 2023 18:21

Tgt Ion: 95 Resp: 212389
Ion Ratio Lower Upper
95 100
174 79.8 0.0 147.4
176 75.4 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: VX035544.D

Acq: 05 May 2023 18:21

Instrument :

MSVOA_X

ClientSampleId :

ETGI-328

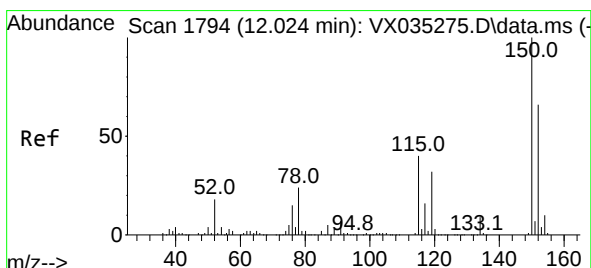
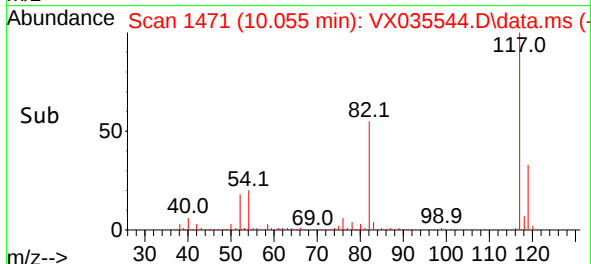
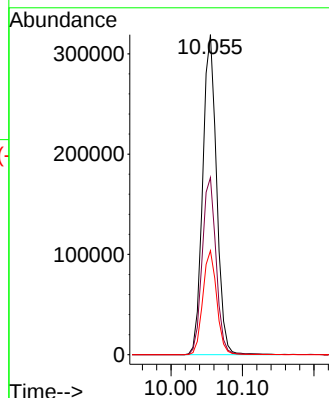
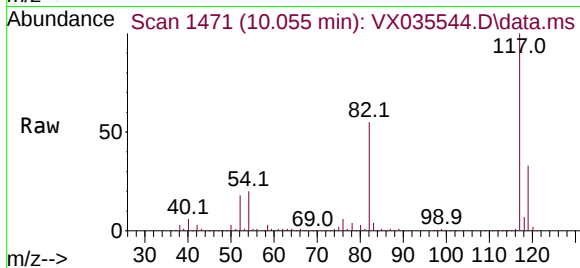
Tgt Ion:117 Resp: 430563

Ion Ratio Lower Upper

117 100

82 55.4 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# 1794

Delta R.T. 0.000 min

Lab File: VX035544.D

Acq: 05 May 2023 18:21

Tgt Ion:152 Resp: 206201

Ion Ratio Lower Upper

152 100

115 59.8 45.0 135.0

150 157.0 0.0 352.4

