

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013035.D
 Acq On : 21 Mar 2023 18:19
 Operator : KP/MD
 Sample : 02019-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-352

Quant Time: Mar 22 04:23:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

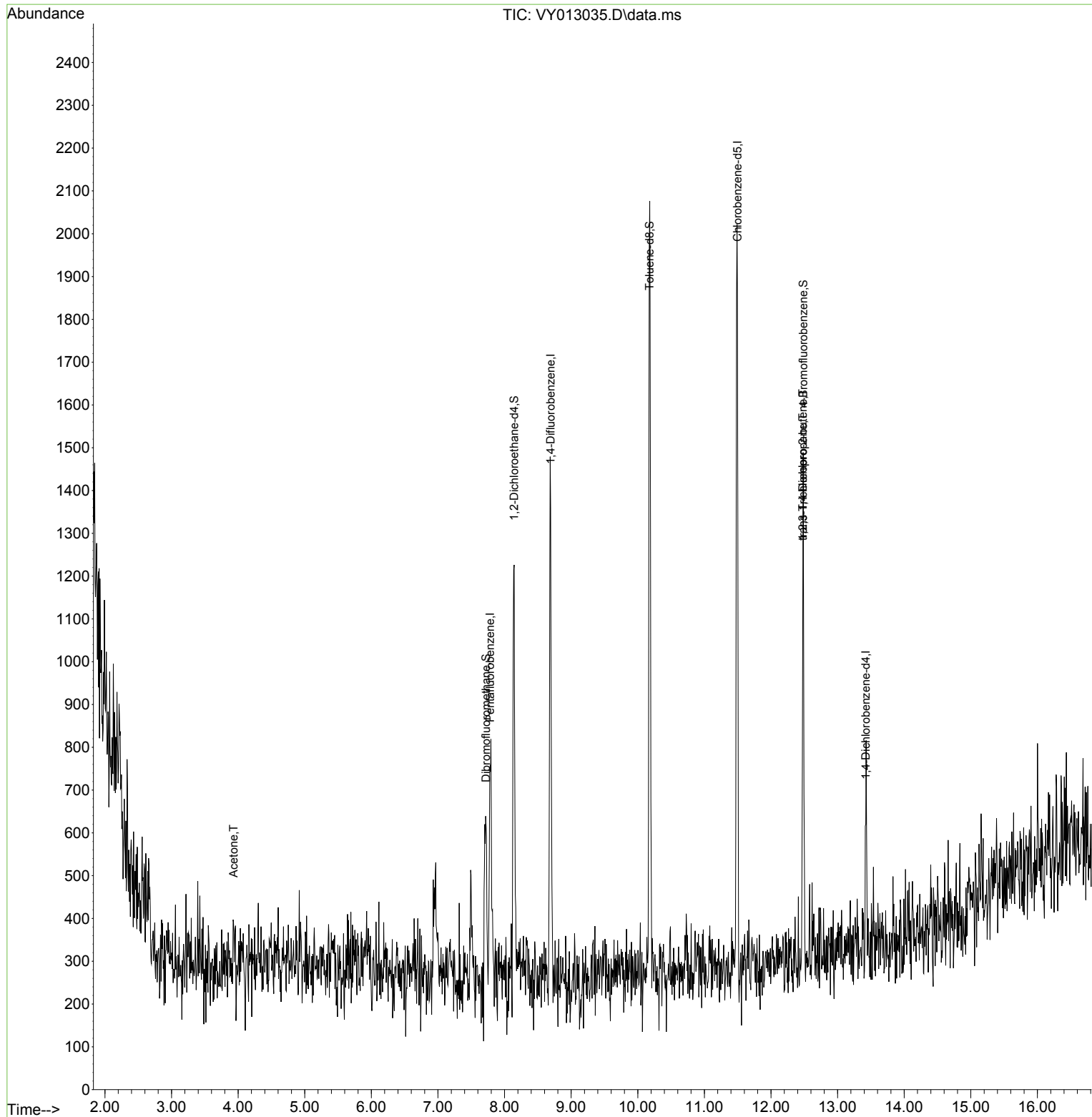
Internal Standards						
1) Pentafluorobenzene	7.783	168	654	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1232	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	778	119.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	239.620%#
35) Dibromofluoromethane	7.722	113	303	34.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.960%
50) Toluene-d8	10.179	98	1497	46.602	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.200%
62) 4-Bromofluorobenzene	12.483	95	298	27.485	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	54.960%
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	46	18.048	ug/l	# 44
76) 1,2,3-Trichloropropane	12.477	75	206	159.728	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	206	330.961	ug/l	# 13

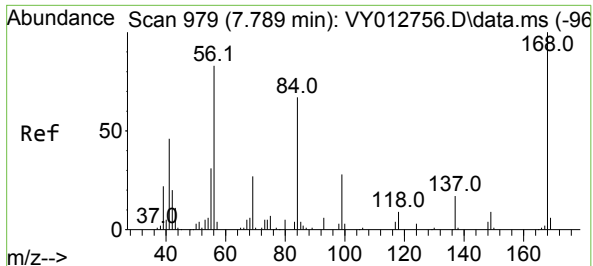
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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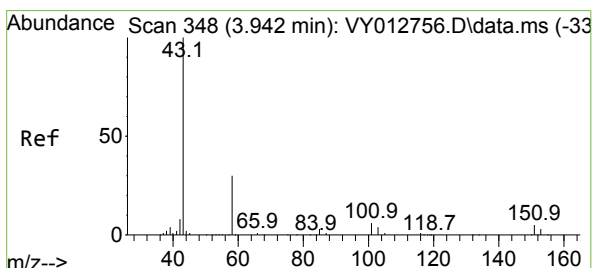
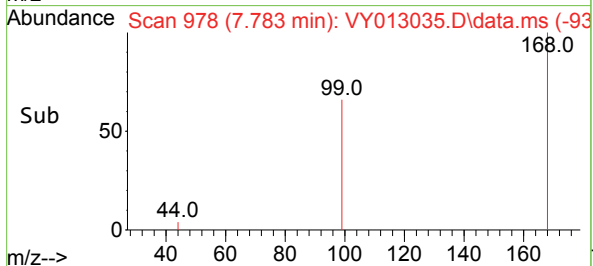
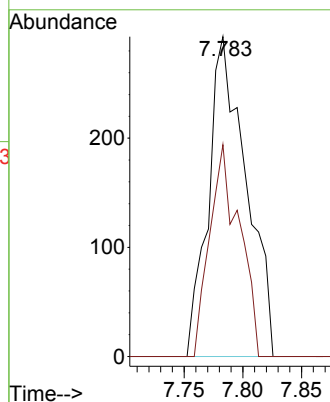
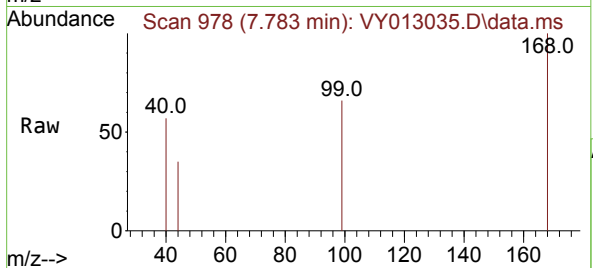




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013035.D
Acq: 21 Mar 2023 18:19

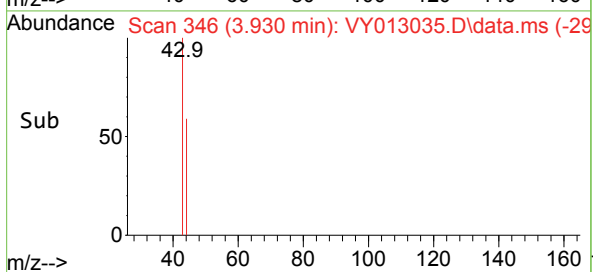
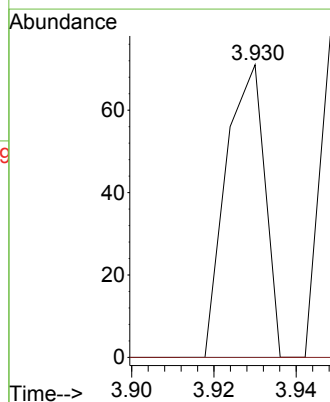
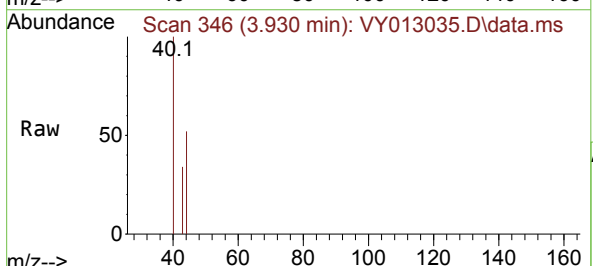
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-352

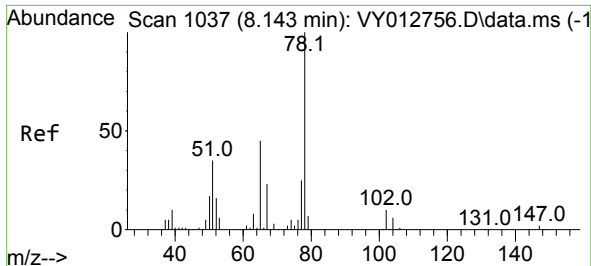
Tgt Ion:168 Resp: 654
Ion Ratio Lower Upper
168 100
99 66.2 41.7 62.5#



#16
Acetone
Concen: 18.048 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY013035.D
Acq: 21 Mar 2023 18:19

Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#

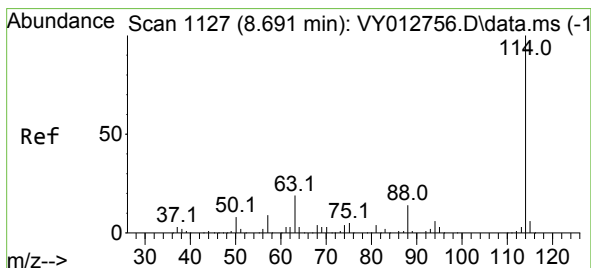
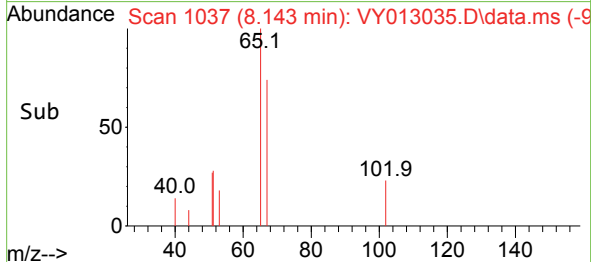
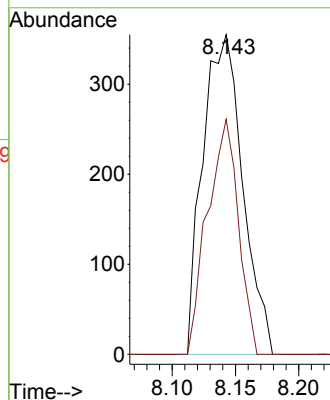
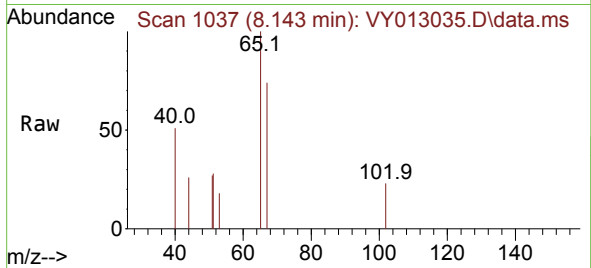




#33
 1,2-Dichloroethane-d4
 Concen: 119.814 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY013035.D
 Acq: 21 Mar 2023 18:19

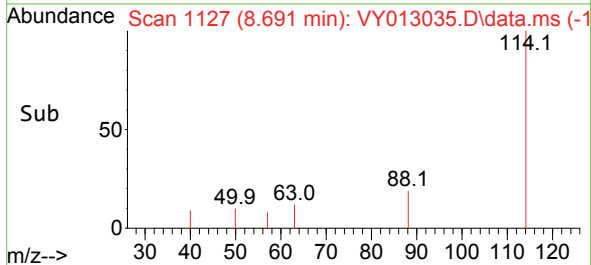
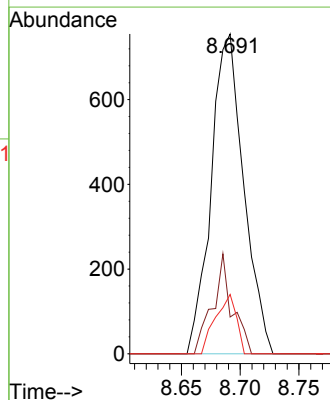
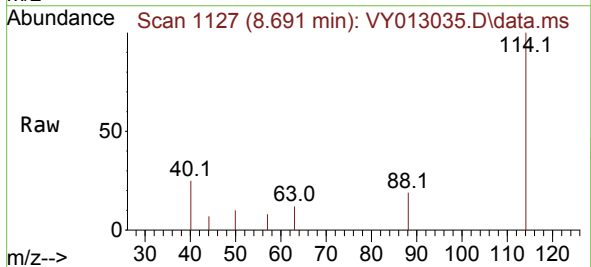
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-352

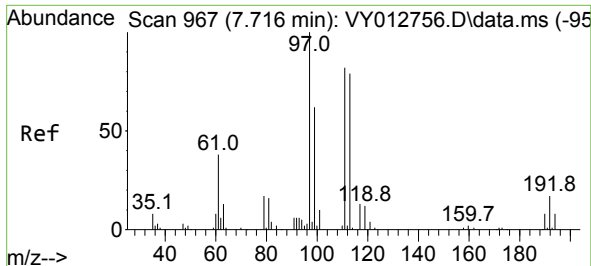
Tgt Ion: 65 Resp: 778
 Ion Ratio Lower Upper
 65 100
 67 56.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013035.D
 Acq: 21 Mar 2023 18:19

Tgt Ion: 114 Resp: 1456
 Ion Ratio Lower Upper
 114 100
 63 11.5 0.0 37.4
 88 18.5 0.0 28.6

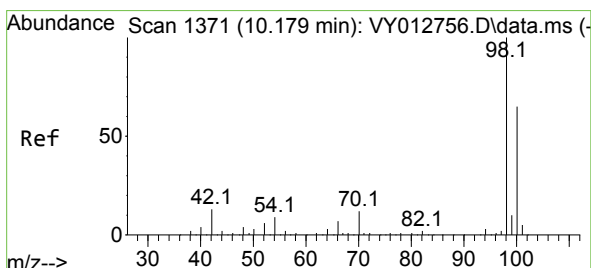
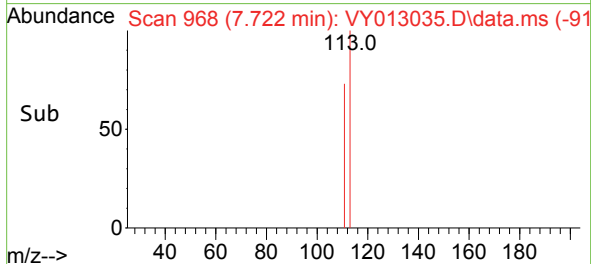
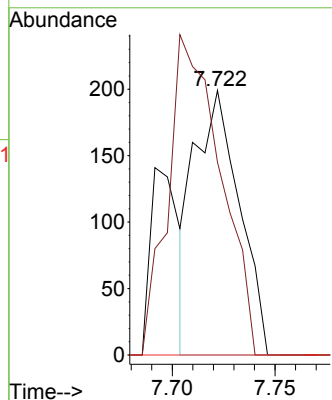
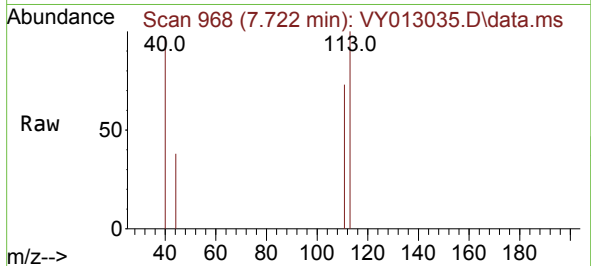




#35
 Dibromofluoromethane
 Concen: 34.483 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY013035.D
 Acq: 21 Mar 2023 18:19

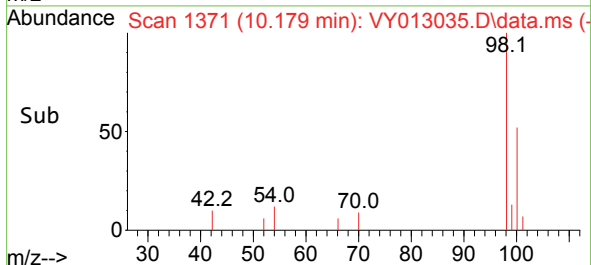
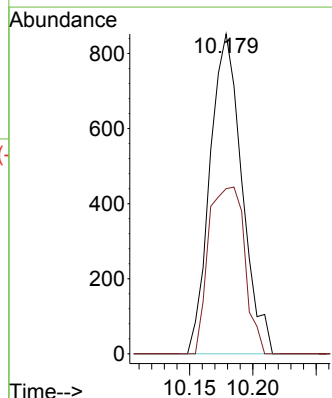
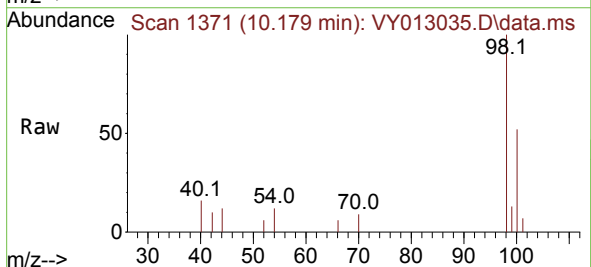
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-352

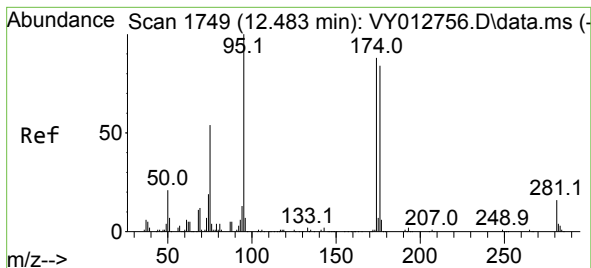
Tgt Ion:113 Resp: 303
 Ion Ratio Lower Upper
 113 100
 111 0.0 82.2 123.2#
 192 0.0 16.8 25.2#



#50
 Toluene-d8
 Concen: 46.602 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY013035.D
 Acq: 21 Mar 2023 18:19

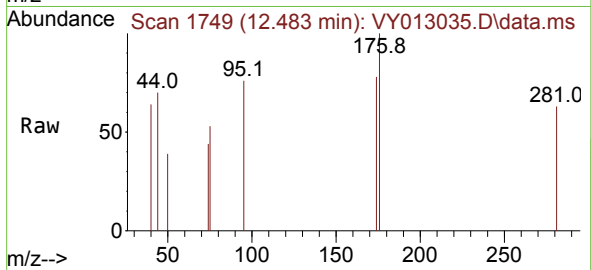
Tgt Ion: 98 Resp: 1497
 Ion Ratio Lower Upper
 98 100
 100 58.6 50.9 76.3





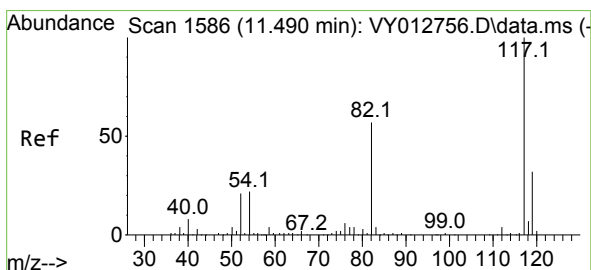
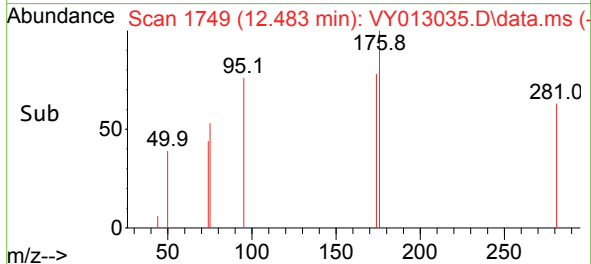
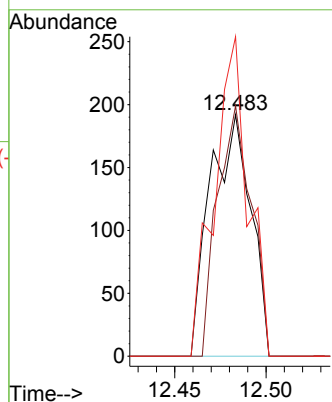
#62
4-Bromofluorobenzene
Concen: 27.485 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013035.D
Acq: 21 Mar 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-352



Tgt Ion: 95 Resp: 298

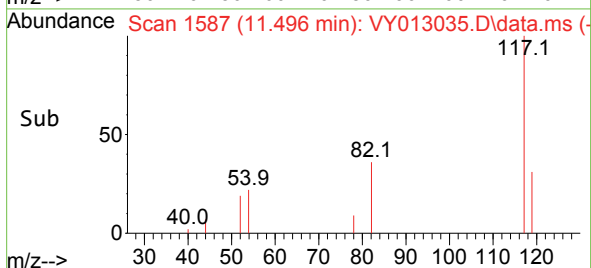
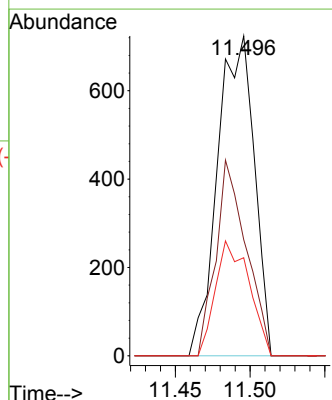
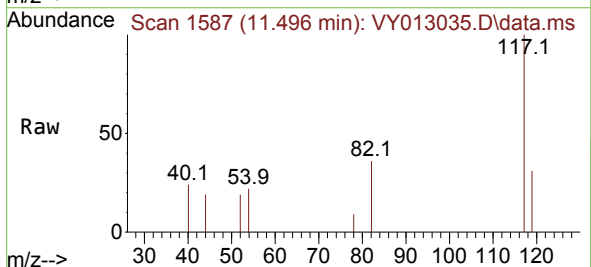
Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	176.6
176	109.1	0.0	170.2

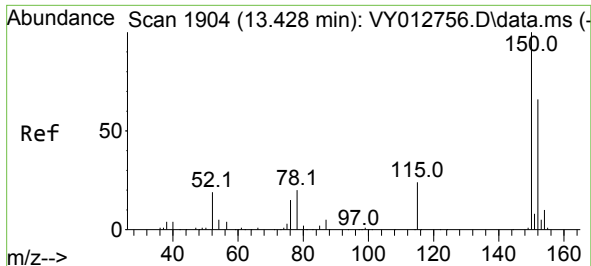


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY013035.D
Acq: 21 Mar 2023 18:19

Tgt Ion: 117 Resp: 1232

Ion	Ratio	Lower	Upper
117	100		
82	36.3	45.4	68.0#
119	30.7	25.6	38.4

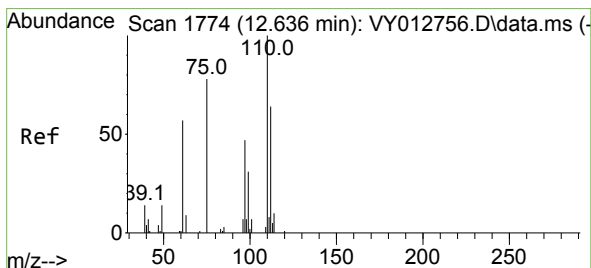
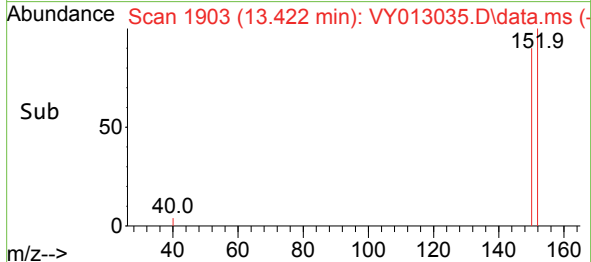
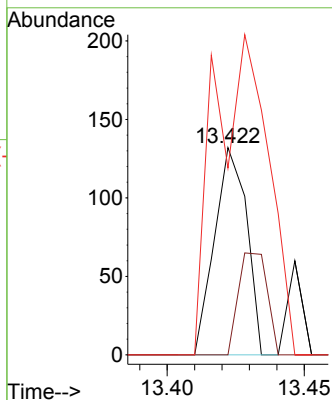
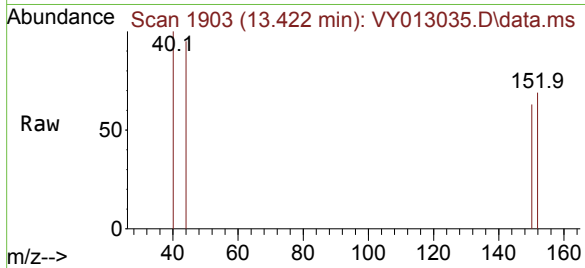




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013035.D
 Acq: 21 Mar 2023 18:19

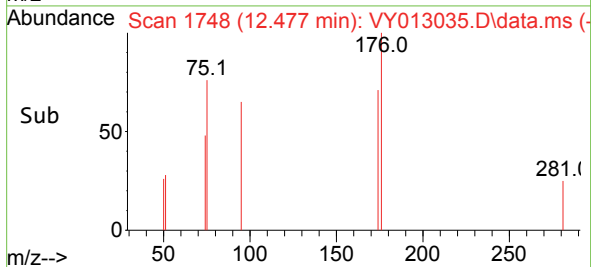
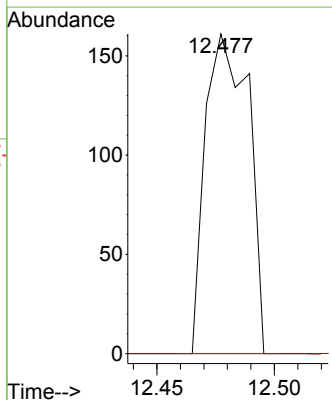
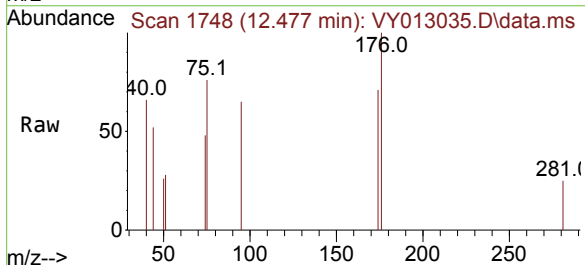
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-352

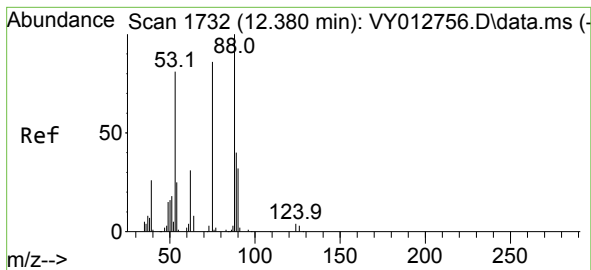
Tgt Ion:152 Resp: 108
 Ion Ratio Lower Upper
 152 100
 115 43.5 27.1 81.3
 150 257.4 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 159.728 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY013035.D
 Acq: 21 Mar 2023 18:19

Tgt Ion: 75 Resp: 206
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 330.961 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013035.D
 Acq: 21 Mar 2023 18:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-352

Tgt Ion: 75 Resp: 206
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

