

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034691.D
 Acq On : 23 Mar 2023 11:55
 Operator : JC/MD
 Sample : 02019-02
 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%

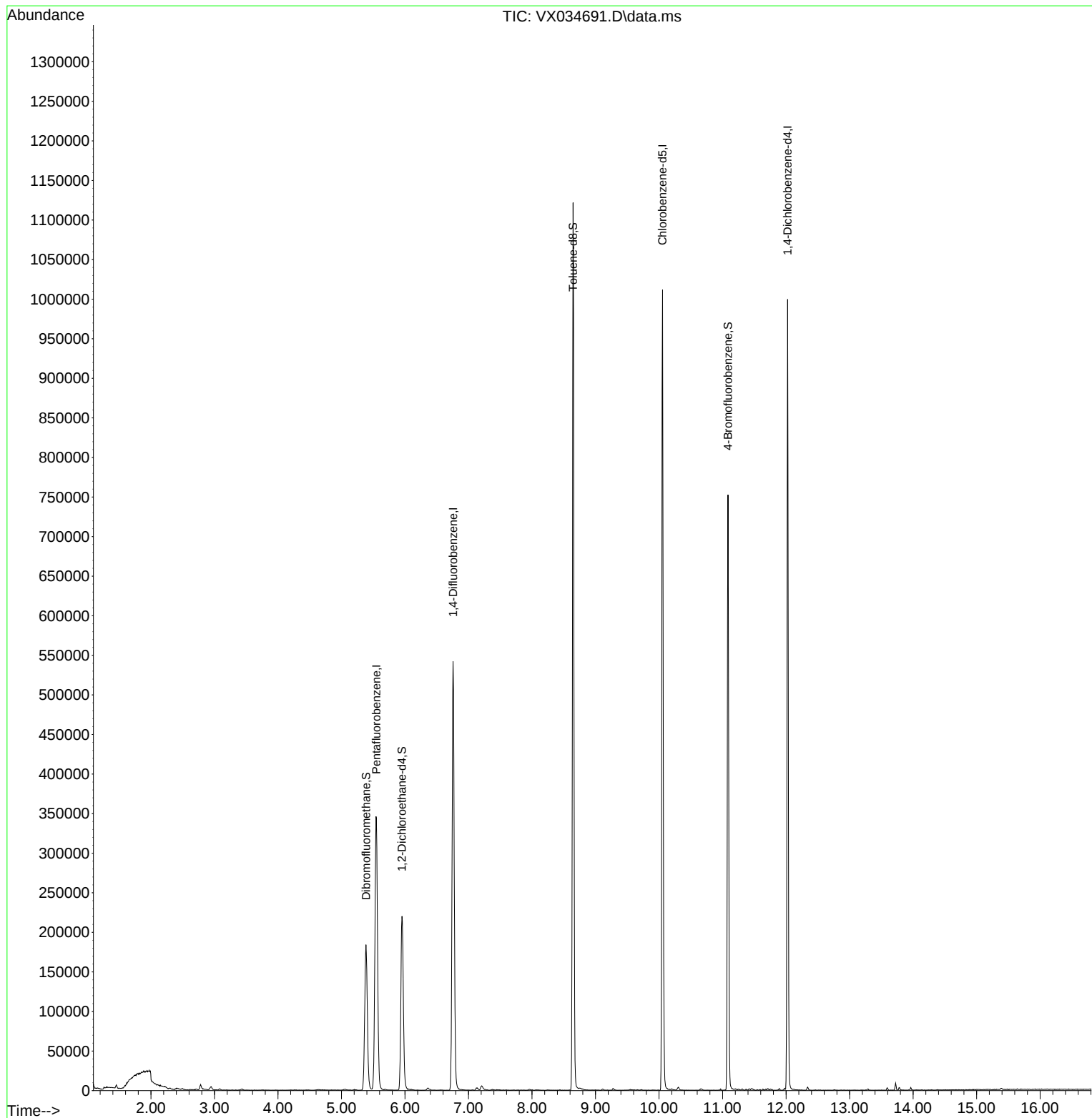
Target Compounds	Qvalue

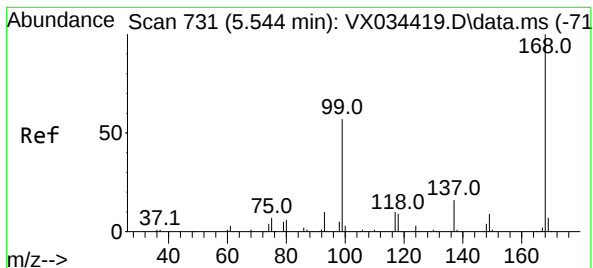
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.006 min

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ClientSampleId :

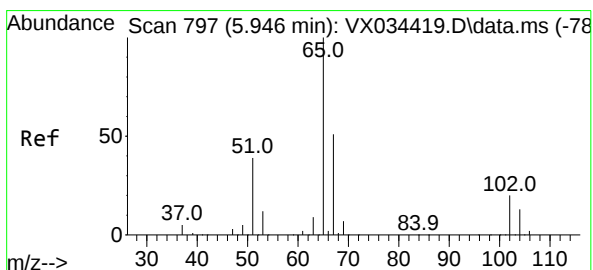
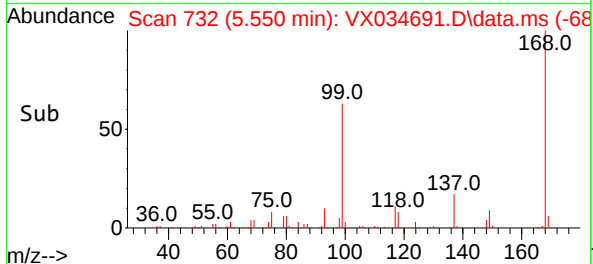
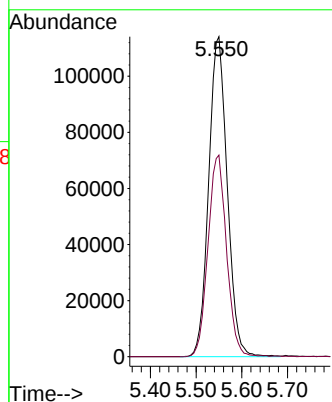
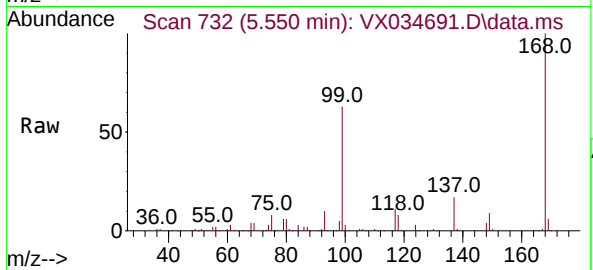
ETGI-352

Tgt Ion:168 Resp: 322219

Ion Ratio Lower Upper

168 100

99 63.0 45.7 68.5



#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

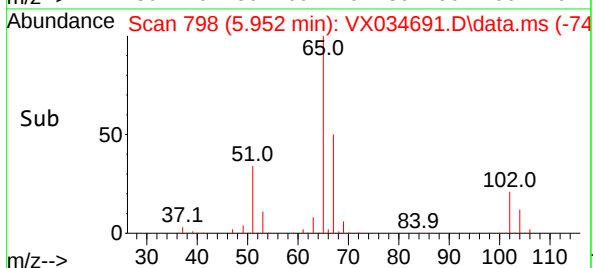
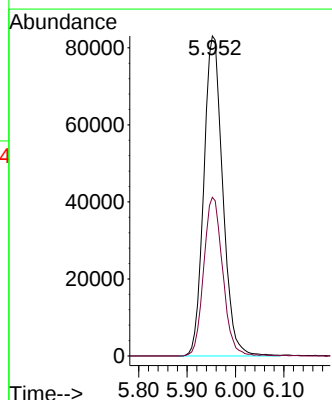
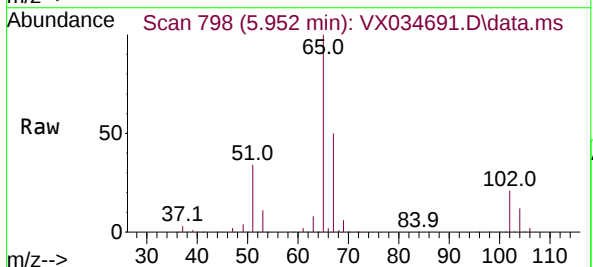
Acq: 23 Mar 2023 11:55

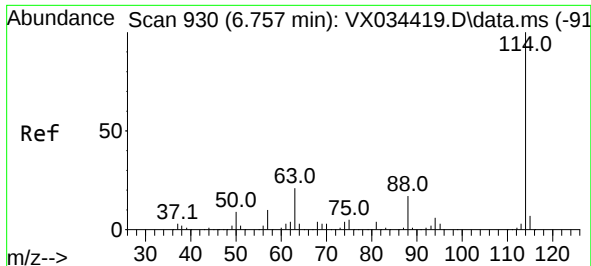
Tgt Ion: 65 Resp: 225913

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.0

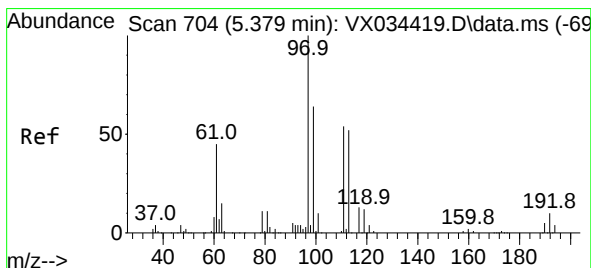
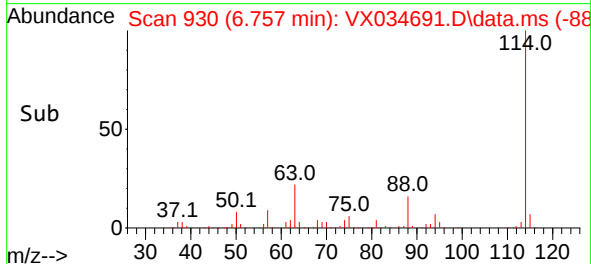
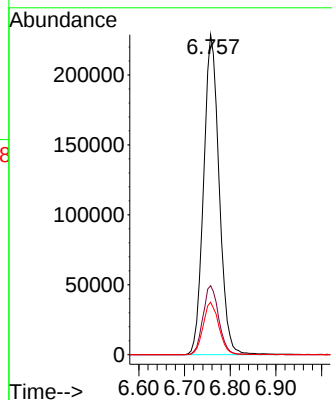
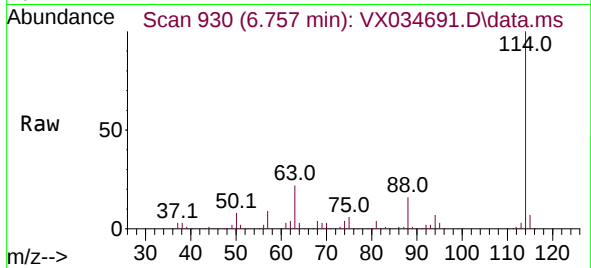




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

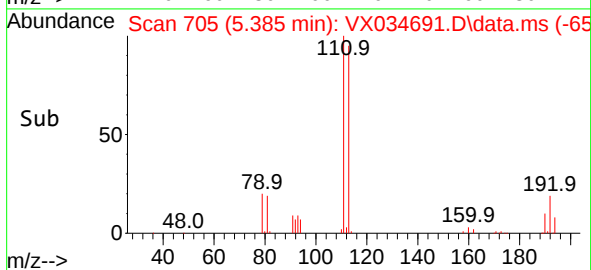
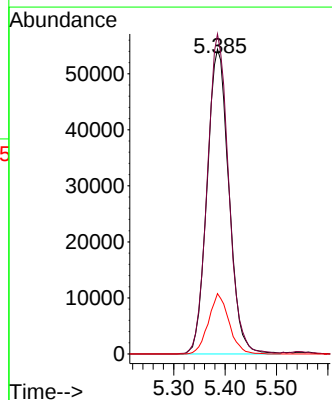
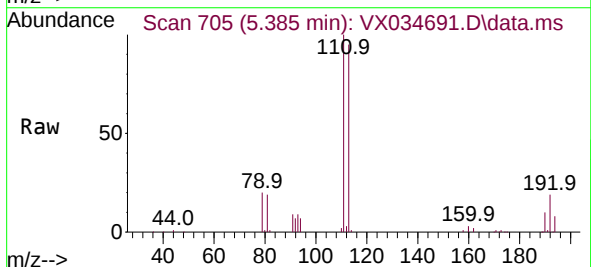
Instrument :
MSVOA_X
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ETGI-352

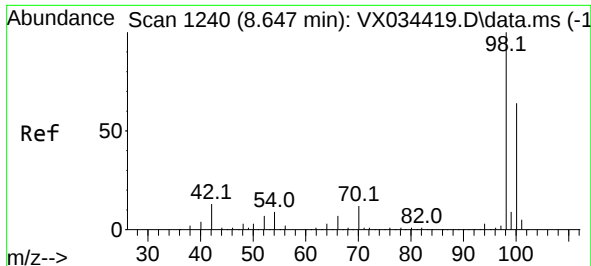
Tgt Ion:114 Resp: 539245
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.2
88 16.4 0.0 33.2



#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

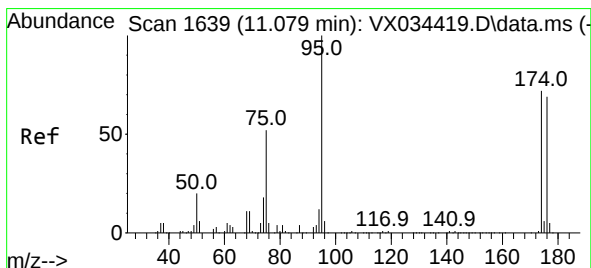
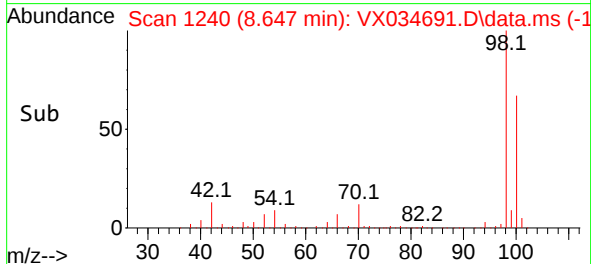
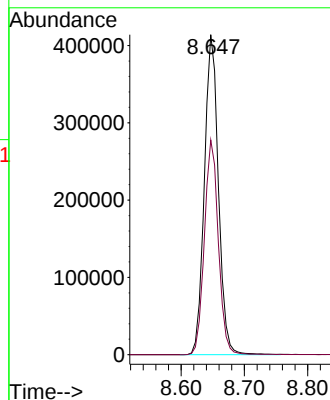
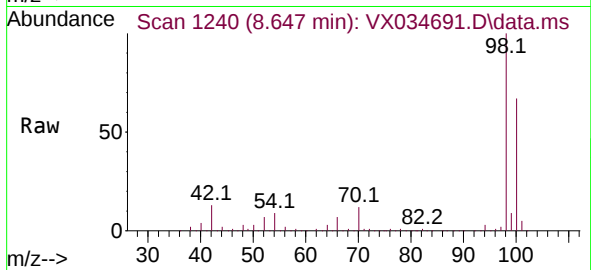




#50
Toluene-d8
Concen: 48.195 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

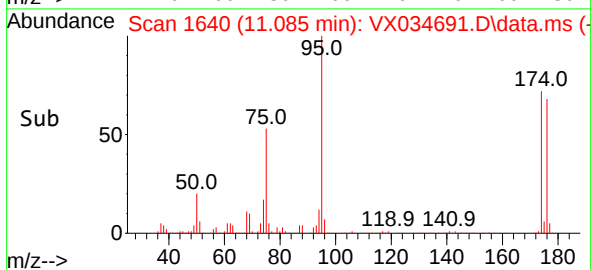
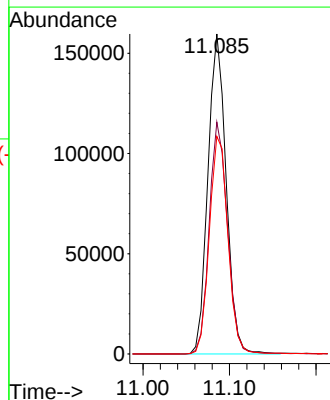
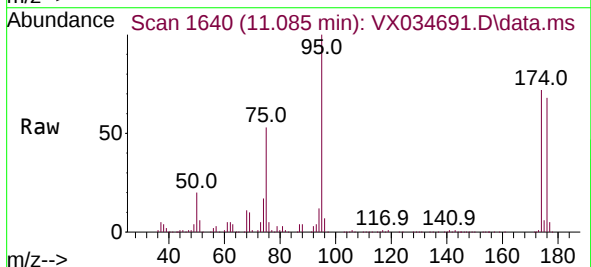
Instrument :
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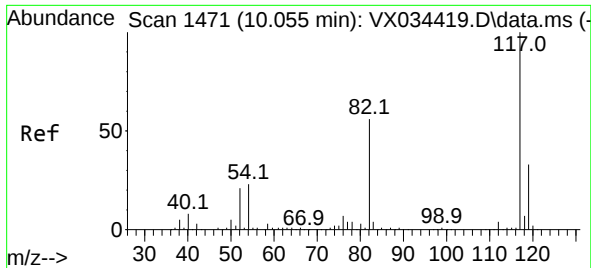
Tgt Ion: 98 Resp: 640559
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7



#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

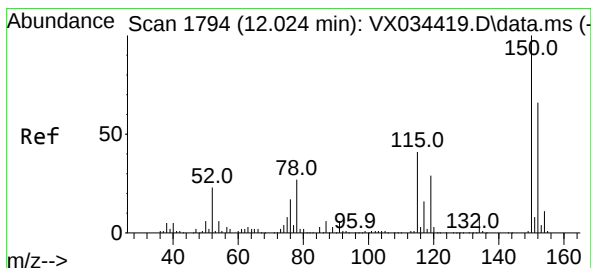
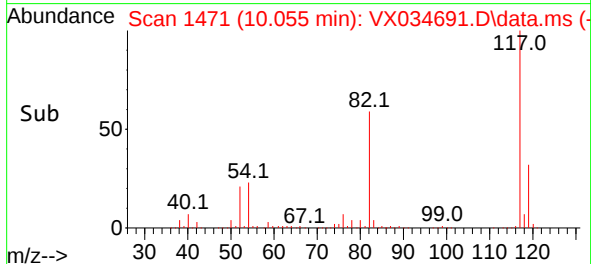
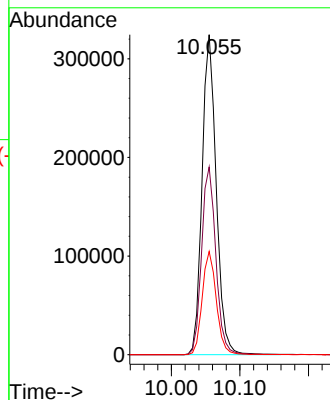
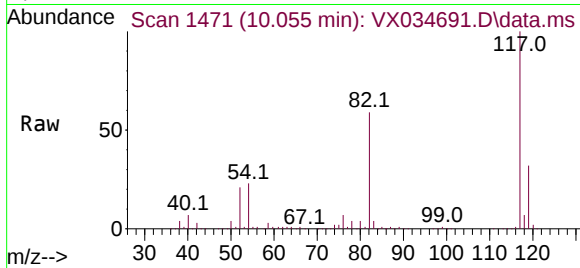




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034691.D
Acq: 23 Mar 2023 11:55

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

