

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015711.D
 Acq On : 26 Sep 2023 16:02
 Operator : SY/MD
 Sample : 04606-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-327

Quant Time: Sep 27 01:33:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

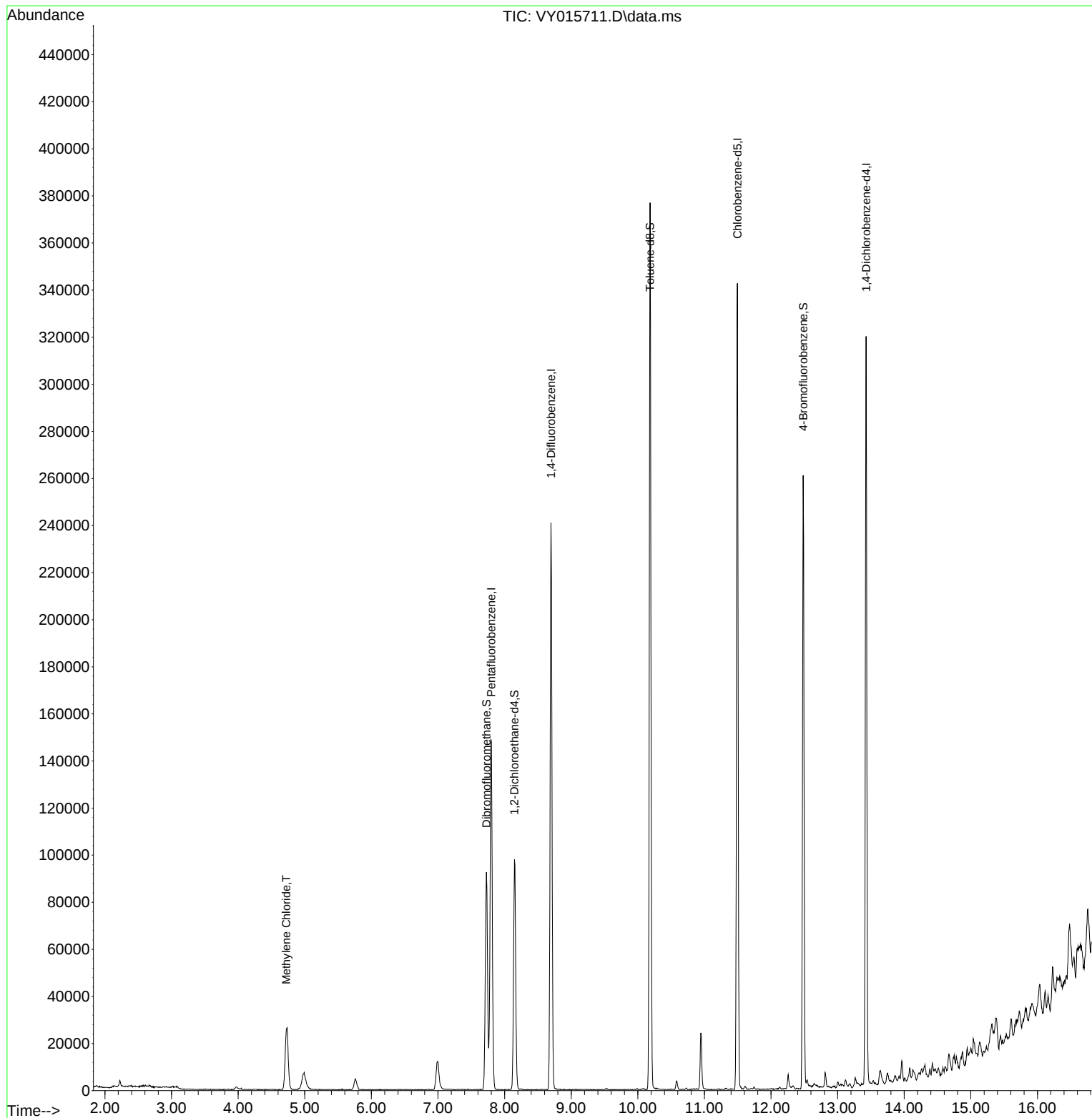
Internal Standards						
1) Pentafluorobenzene	7.801	168	117910	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	203011	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	184592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76084	58.646	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.300%
35) Dibromofluoromethane	7.728	113	66293	54.558	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.120%
50) Toluene-d8	10.185	98	239949	58.241	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.480%
62) 4-Bromofluorobenzene	12.483	95	78118	48.316	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.640%
Target Compounds						
20) Methylene Chloride	4.722	84	20669	9.692	ug/l	Qvalue 89

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

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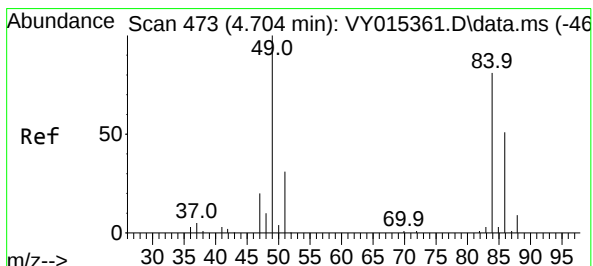
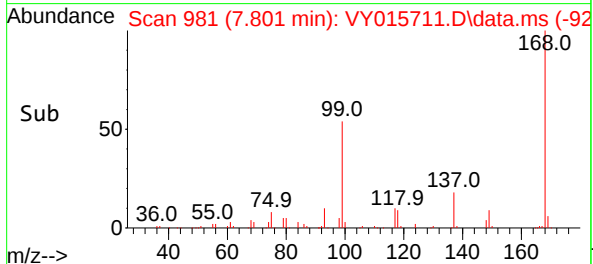
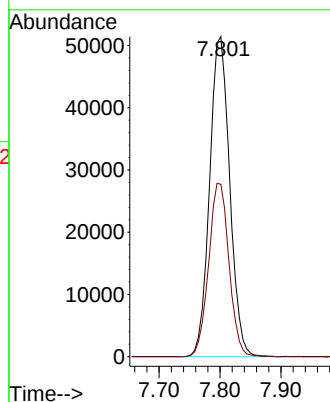
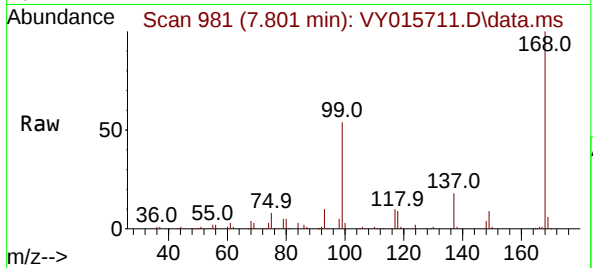




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015711.D
Acq: 26 Sep 2023 16:02

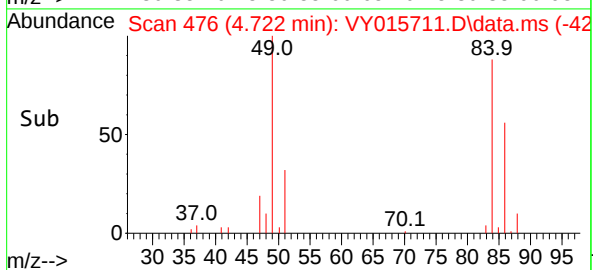
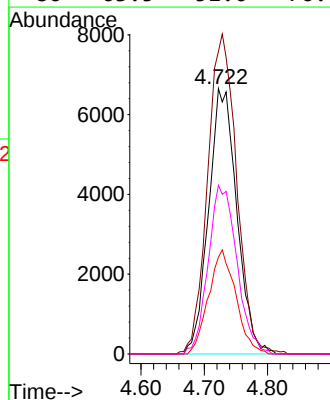
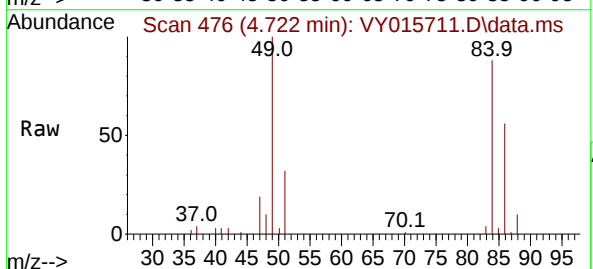
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-327

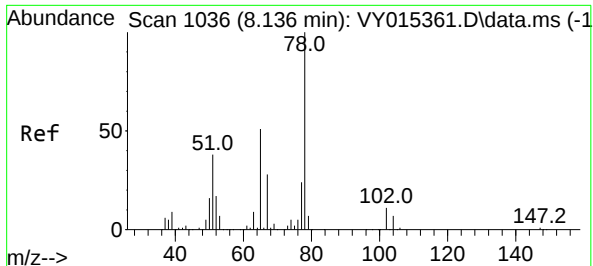
Tgt Ion:168 Resp: 117910
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#20
Methylene Chloride
Concen: 9.692 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY015711.D
Acq: 26 Sep 2023 16:02

Tgt Ion: 84 Resp: 20669
Ion Ratio Lower Upper
84 100
49 113.2 106.9 160.3
51 36.5 33.2 49.8
86 63.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 58.646 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY015711.D

Acq: 26 Sep 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

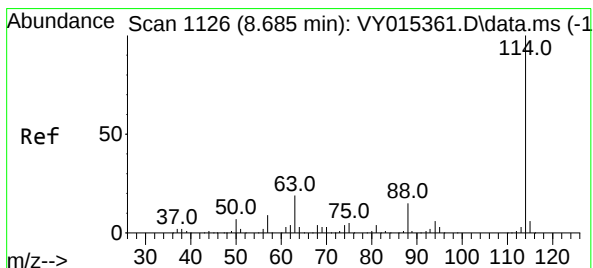
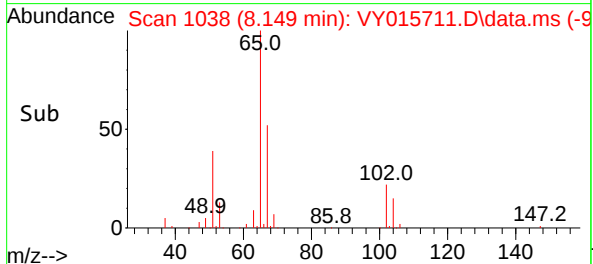
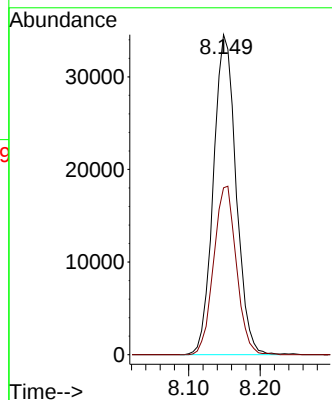
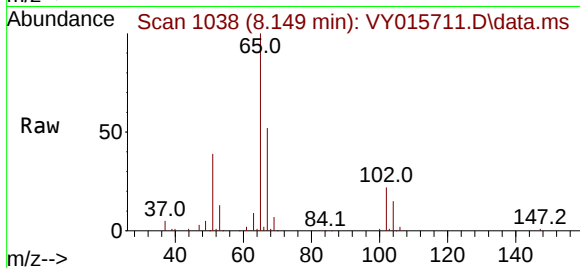
ETGI-327

Tgt Ion: 65 Resp: 76084

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015711.D

Acq: 26 Sep 2023 16:02

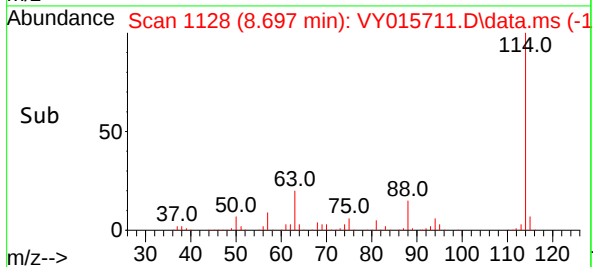
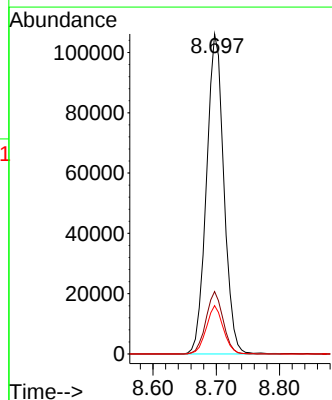
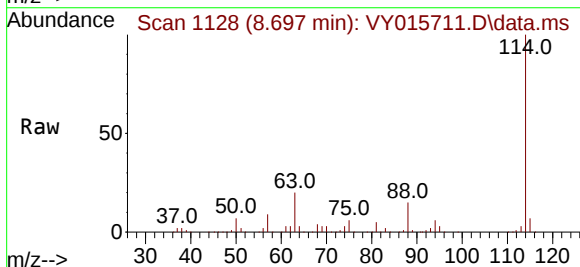
Tgt Ion: 114 Resp: 203011

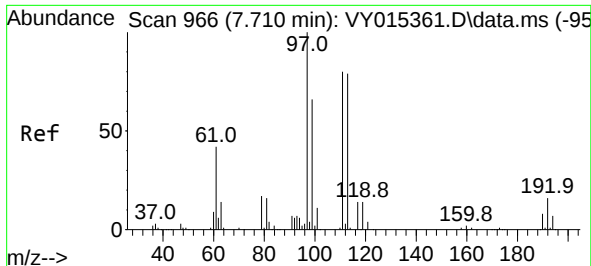
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.1 0.0 30.6

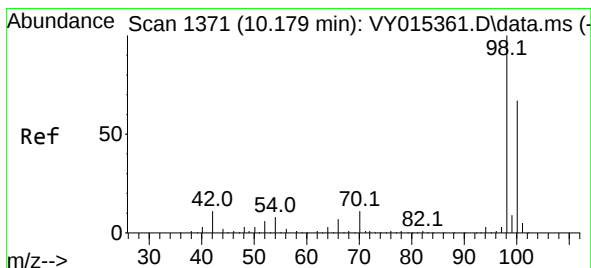
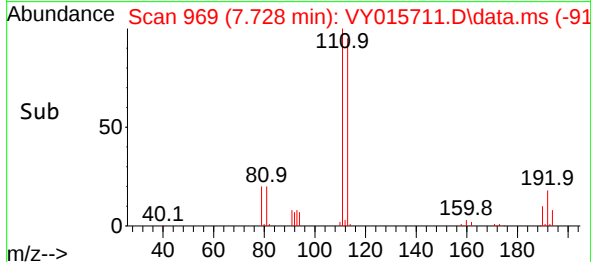
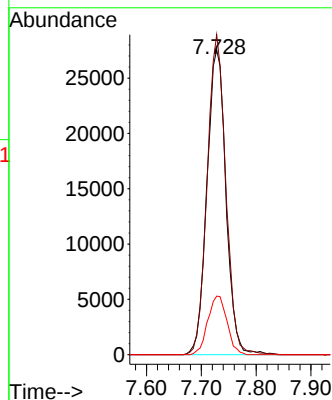
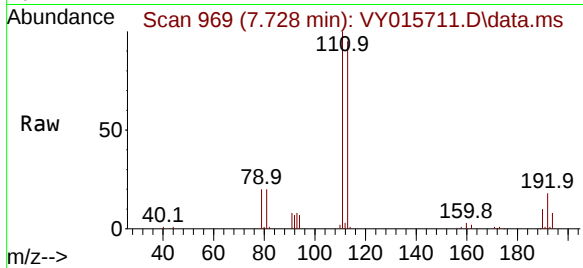




#35
Dibromofluoromethane
Concen: 54.558 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY015711.D
Acq: 26 Sep 2023 16:02

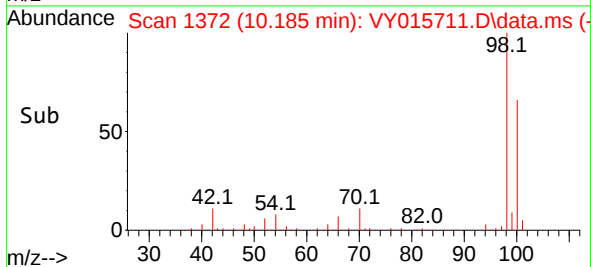
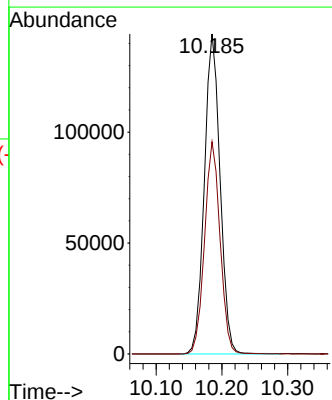
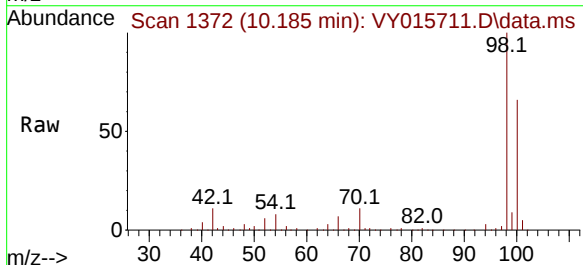
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-327

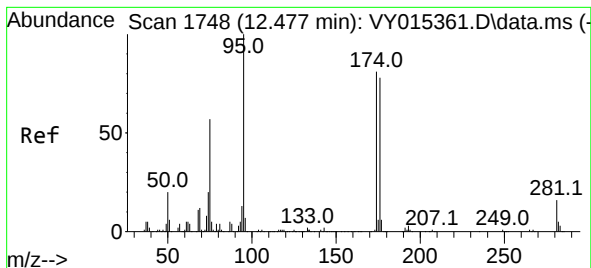
Tgt Ion:113 Resp: 66293
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 58.241 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015711.D
Acq: 26 Sep 2023 16:02

Tgt Ion: 98 Resp: 239949
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

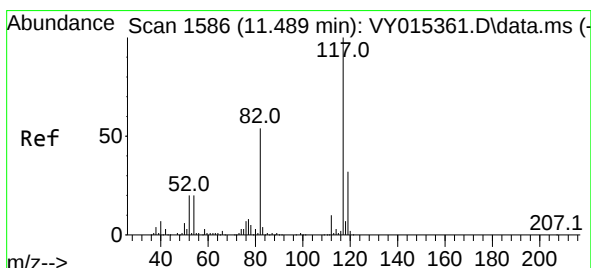
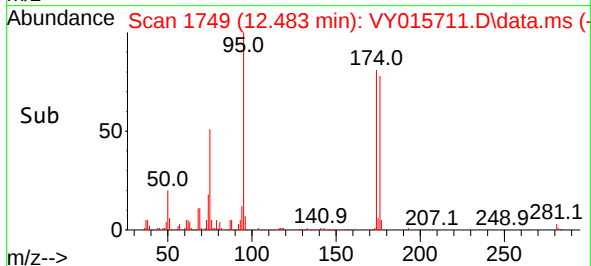
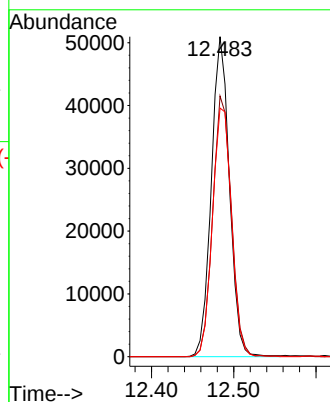
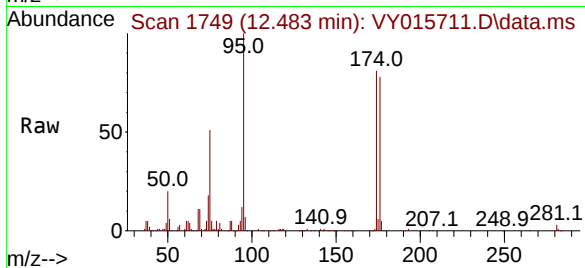




#62
4-Bromofluorobenzene
Concen: 48.316 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015711.D
Acq: 26 Sep 2023 16:02

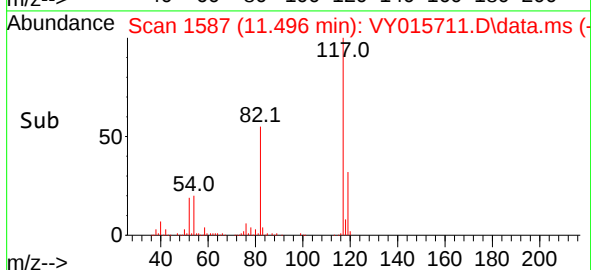
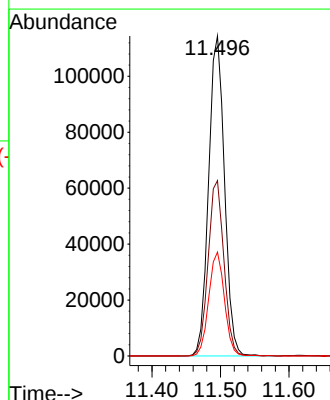
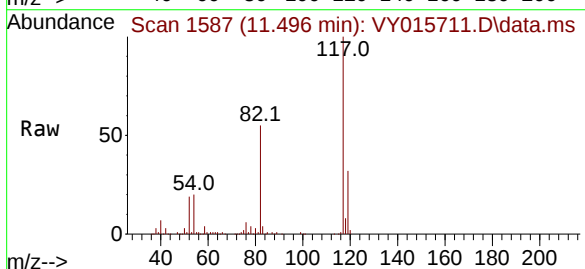
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-327

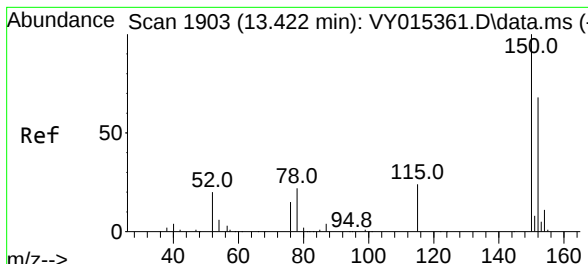
Tgt Ion: 95 Resp: 78118
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY015711.D
Acq: 26 Sep 2023 16:02

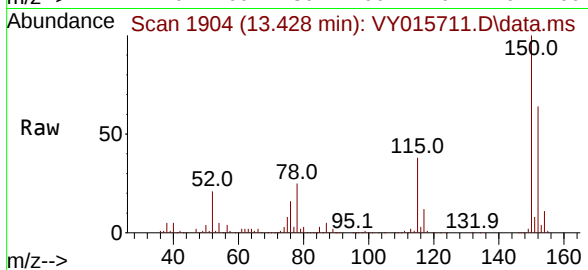
Tgt Ion: 117 Resp: 184592
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015711.D
 Acq: 26 Sep 2023 16:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-327



Tgt Ion:152 Resp: 80624
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 156.7 0.0 348.8

