

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015215.D
 Acq On : 21 Aug 2023 13:04
 Operator : SY/MD
 Sample : 04080-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-340

Quant Time: Aug 22 01:53:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

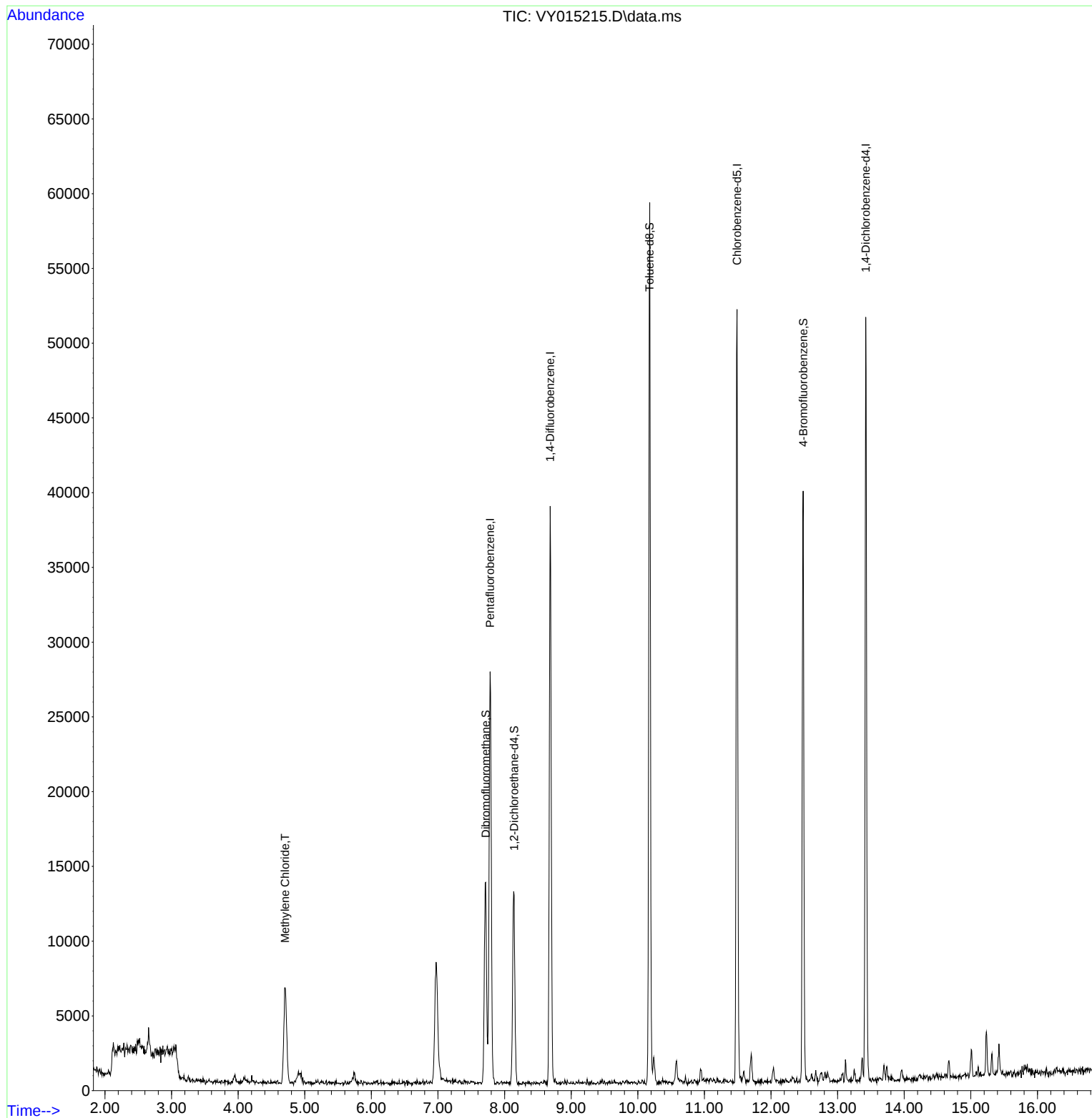
Internal Standards						
1) Pentafluorobenzene	7.783	168	22048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	33439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	28687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	13152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	10380	39.219	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.440%
35) Dibromofluoromethane	7.716	113	9850	45.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.580%
50) Toluene-d8	10.179	98	38938	48.623	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.240%
62) 4-Bromofluorobenzene	12.483	95	12196	41.696	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.400%
Target Compounds						
20) Methylene Chloride	4.704	84	5053	21.951	ug/l	Qvalue 88

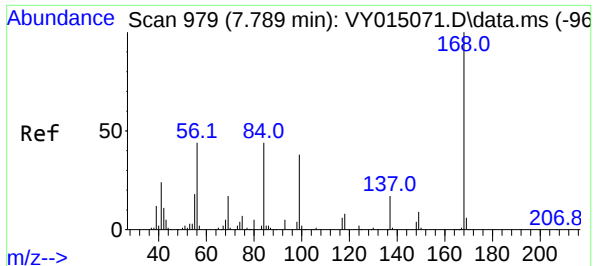
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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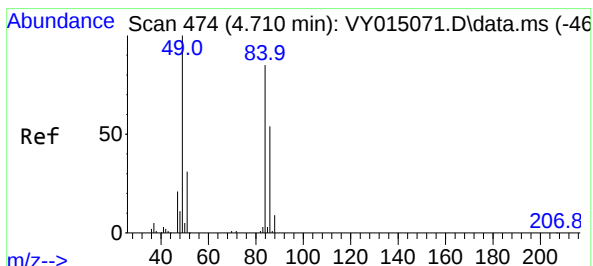
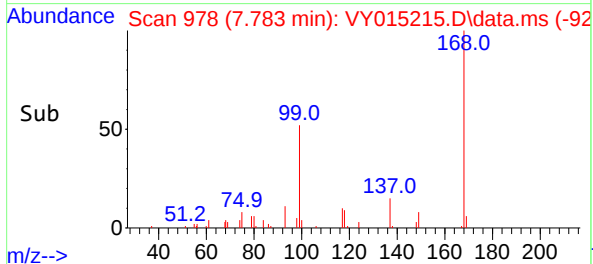
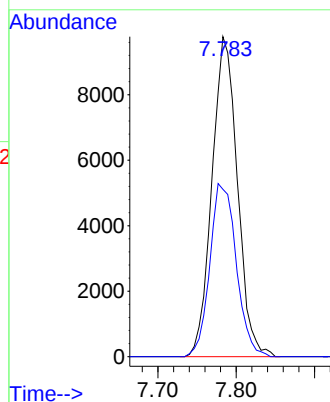
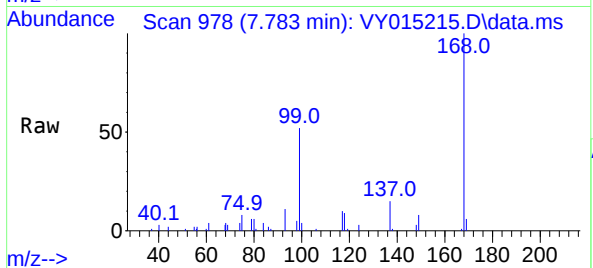




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015215.D
Acq: 21 Aug 2023 13:04

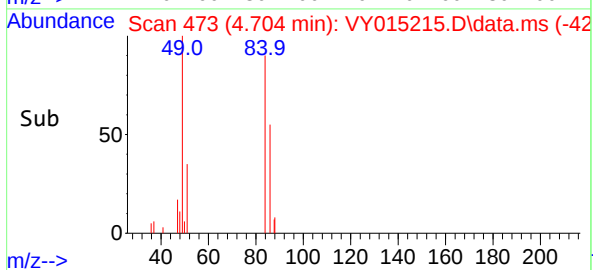
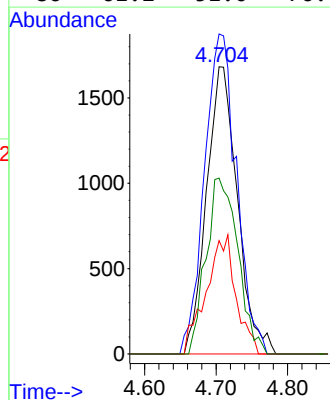
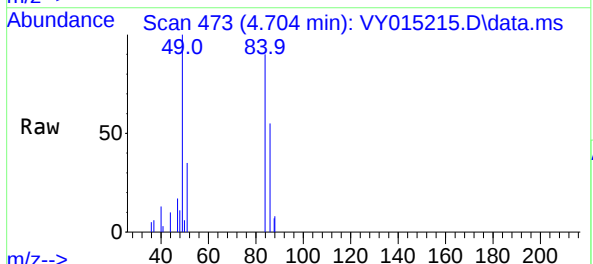
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-340

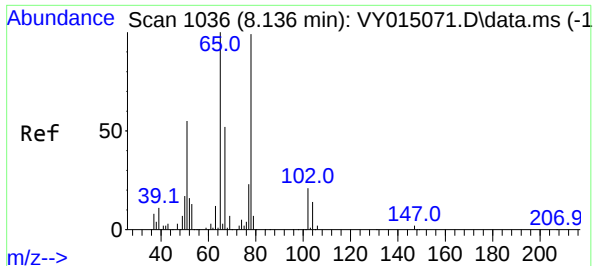
Tgt Ion:168 Resp: 22048
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#20
Methylene Chloride
Concen: 21.951 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015215.D
Acq: 21 Aug 2023 13:04

Tgt Ion: 84 Resp: 5053
Ion Ratio Lower Upper
84 100
49 111.4 106.9 160.3
51 39.5 33.2 49.8
86 61.2 51.0 76.6

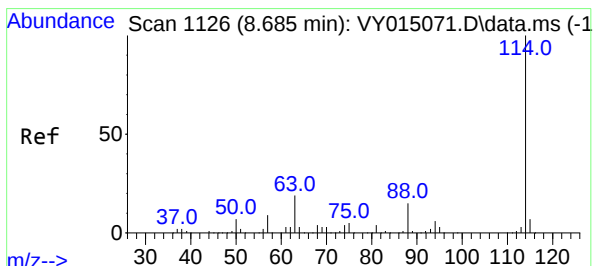
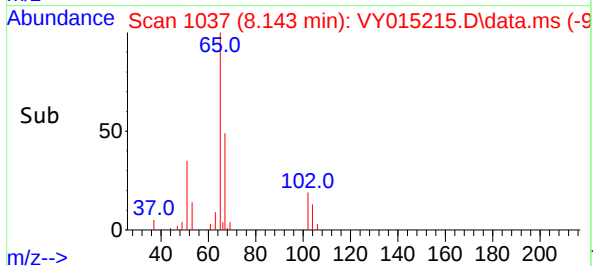
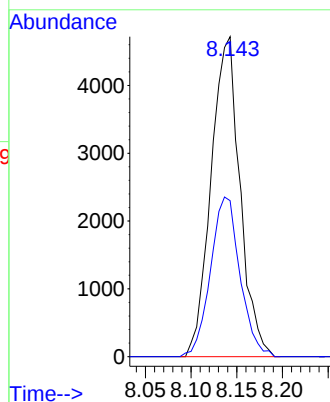
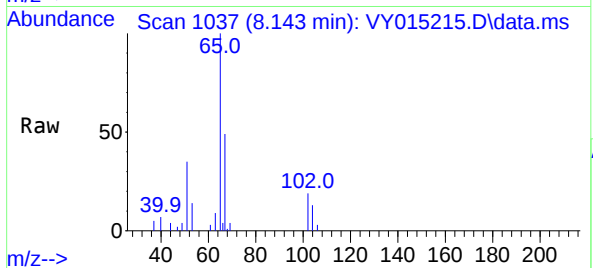




#33
1,2-Dichloroethane-d4
Concen: 39.219 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY015215.D
Acq: 21 Aug 2023 13:04

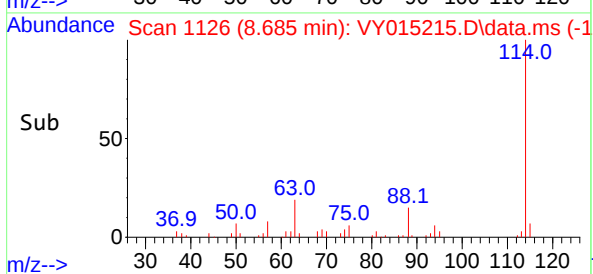
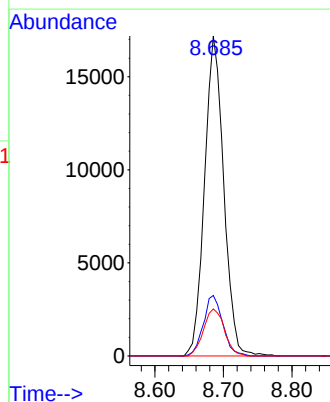
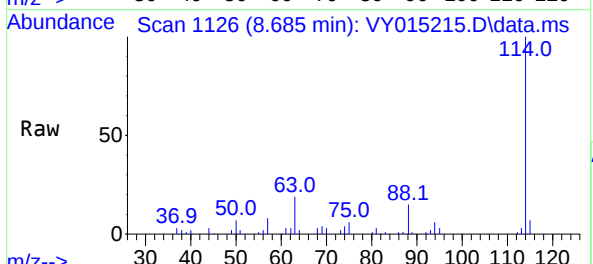
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-340

Tgt Ion: 65 Resp: 10380
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015215.D
Acq: 21 Aug 2023 13:04

Tgt Ion: 114 Resp: 33439
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.4
88 14.7 0.0 30.6

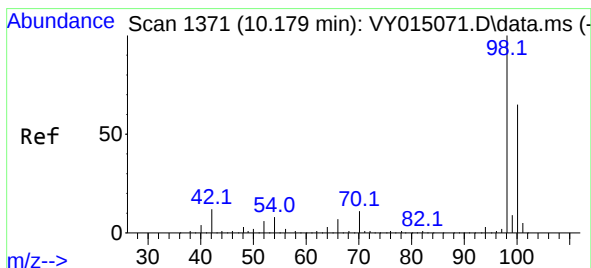
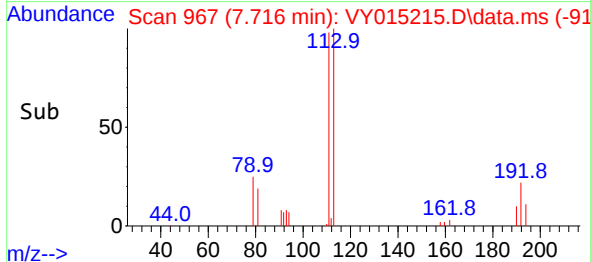
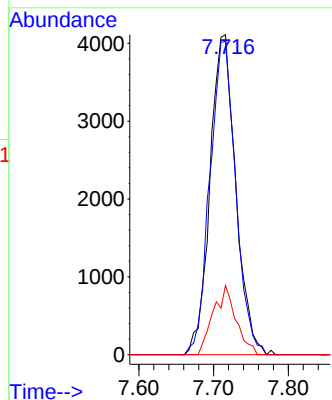
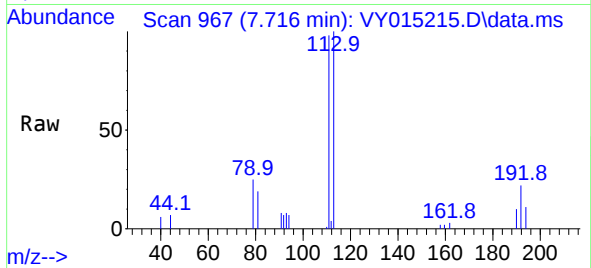




#35
Dibromofluoromethane
Concen: 45.787 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015215.D
Acq: 21 Aug 2023 13:04

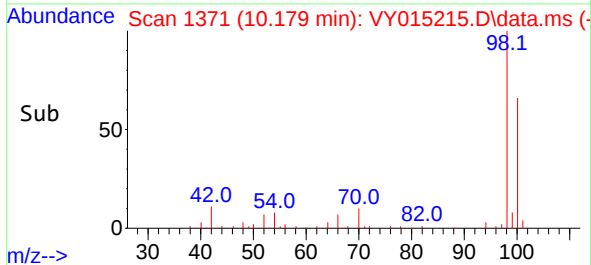
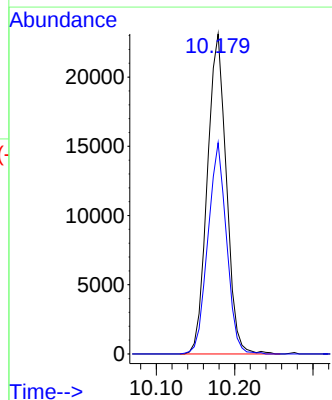
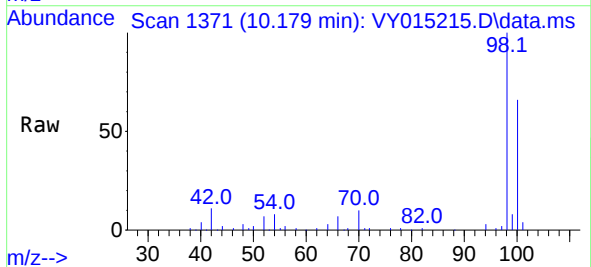
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-340

Tgt Ion:113 Resp: 9850
Ion Ratio Lower Upper
113 100
111 98.2 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 48.623 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015215.D
Acq: 21 Aug 2023 13:04

Tgt Ion: 98 Resp: 38938
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

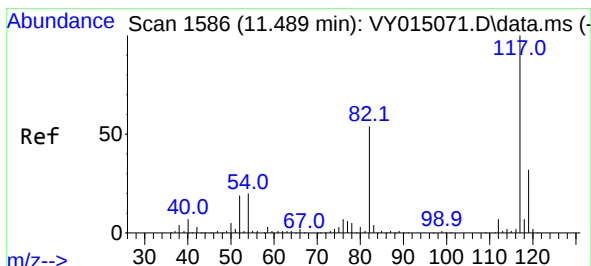
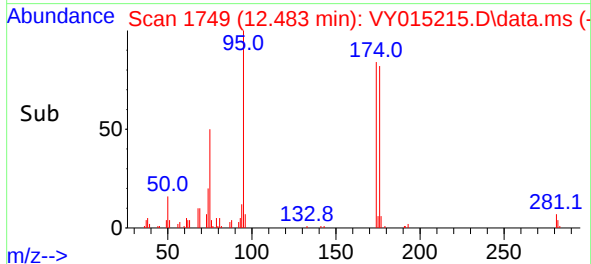
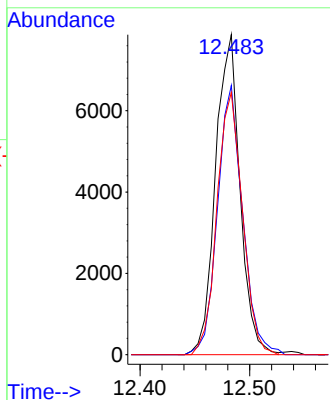
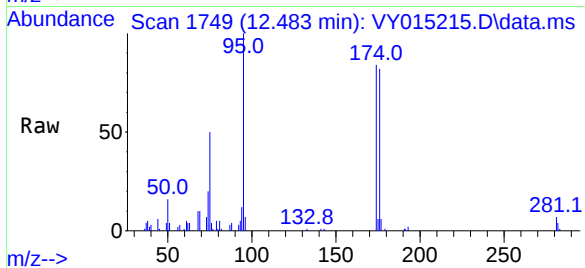




#62
4-Bromofluorobenzene
Concen: 41.696 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015215.D
Acq: 21 Aug 2023 13:04

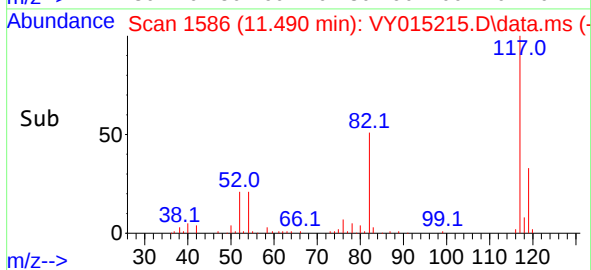
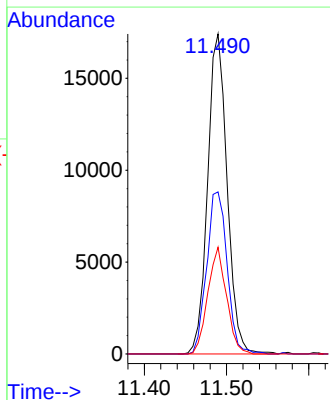
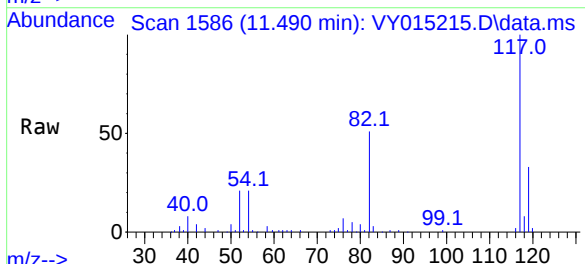
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-340

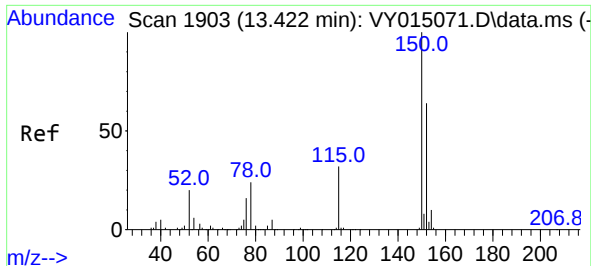
Tgt Ion: 95 Resp: 12196
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 85.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015215.D
Acq: 21 Aug 2023 13:04

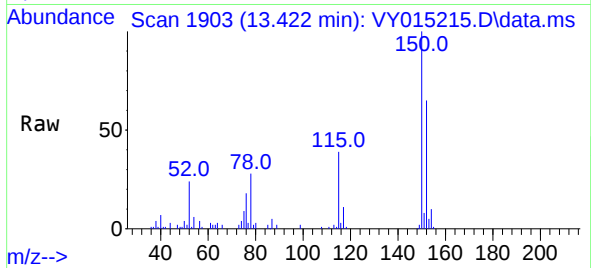
Tgt Ion: 117 Resp: 28687
Ion Ratio Lower Upper
117 100
82 50.7 43.4 65.0
119 33.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015215.D
 Acq: 21 Aug 2023 13:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-340



Tgt Ion:152 Resp: 13152
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.8 86.5
 150 156.5 0.0 348.8

