

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015928.D
 Acq On : 11 Oct 2023 16:55
 Operator : SY/MD
 Sample : 04837-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-284

Quant Time: Oct 12 01:58:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

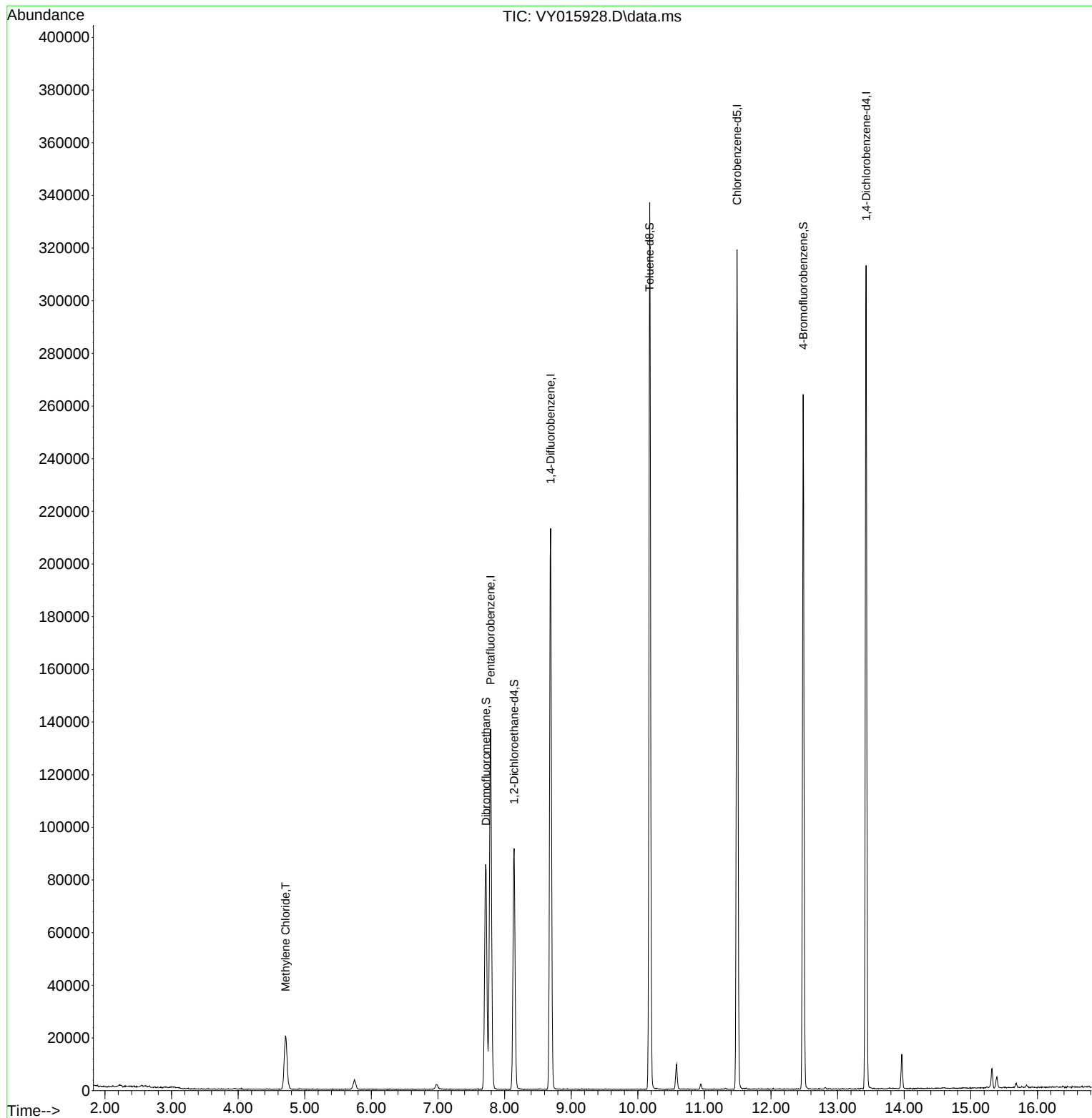
Internal Standards						
1) Pentafluorobenzene	7.789	168	106257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	187229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	176027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70345	73.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.160%	
35) Dibromofluoromethane	7.722	113	61951	59.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.640%	
50) Toluene-d8	10.178	98	222005	64.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 129.000%	
62) 4-Bromofluorobenzene	12.483	95	76362	54.624	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.240%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	15950	8.143	ug/l #	82

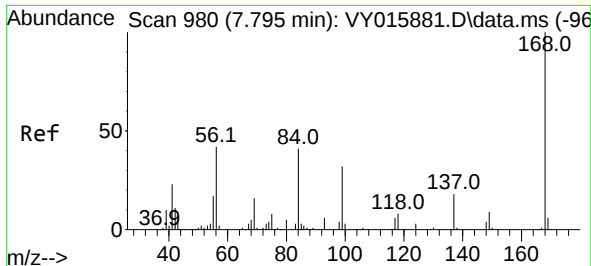
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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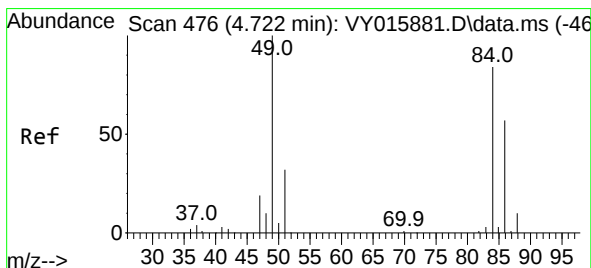
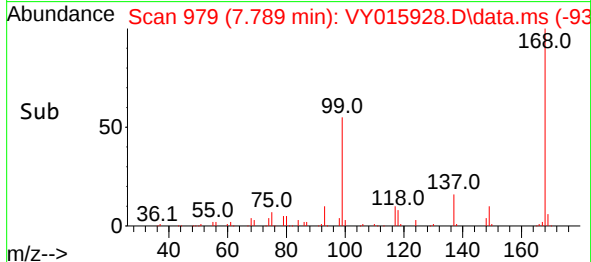
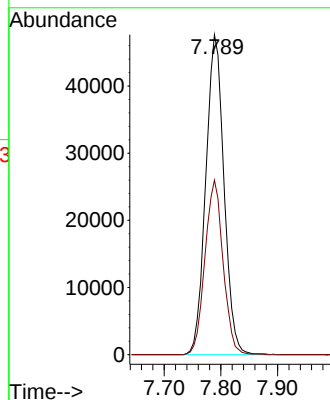
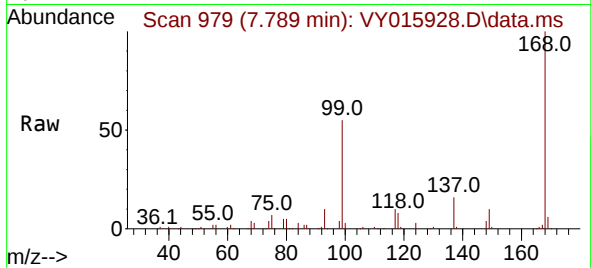




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

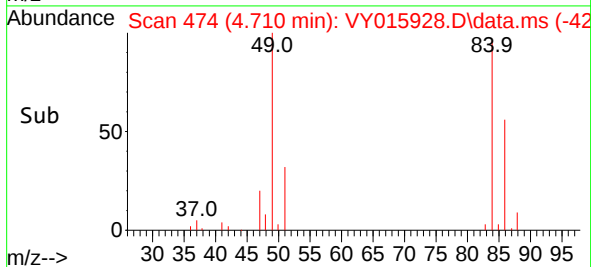
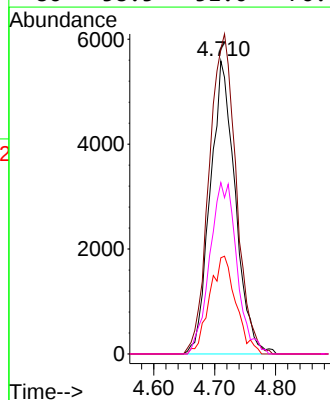
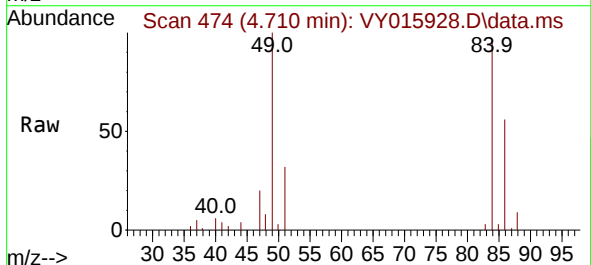
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-284

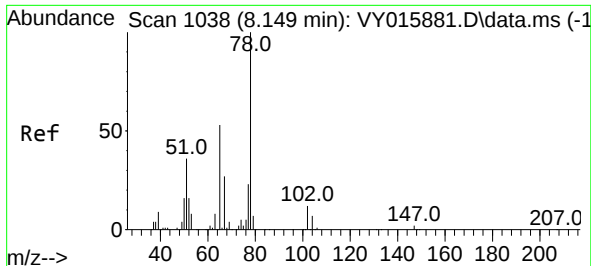
Tgt Ion:168 Resp: 106257
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#20
Methylene Chloride
Concen: 8.143 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

Tgt Ion: 84 Resp: 15950
Ion Ratio Lower Upper
84 100
49 104.0 106.9 160.3#
51 32.8 33.2 49.8#
86 58.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 73.575 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY015928.D

Acq: 11 Oct 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

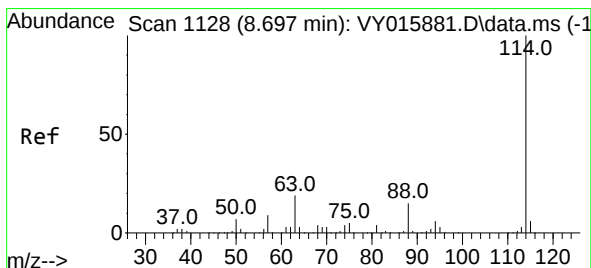
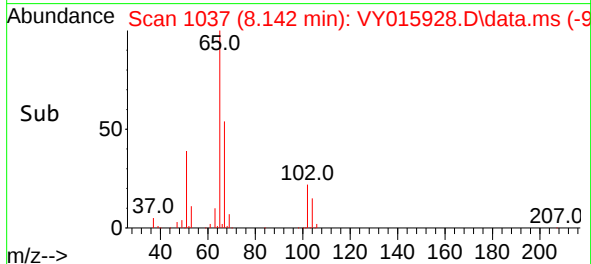
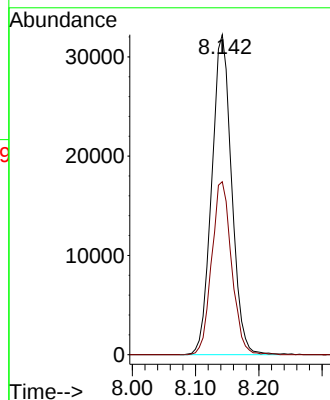
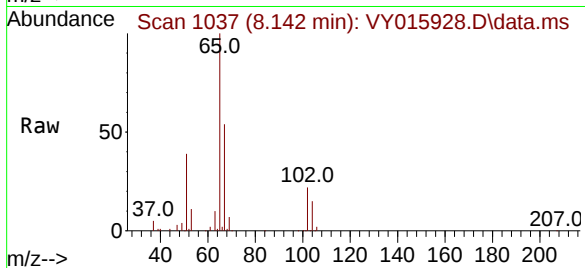
ETGI-284

Tgt Ion: 65 Resp: 70345

Ion Ratio Lower Upper

65 100

67 54.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015928.D

Acq: 11 Oct 2023 16:55

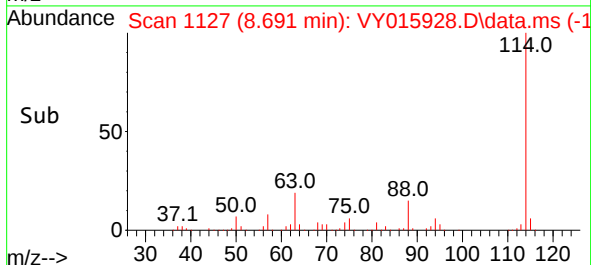
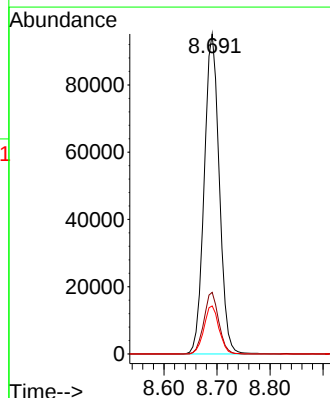
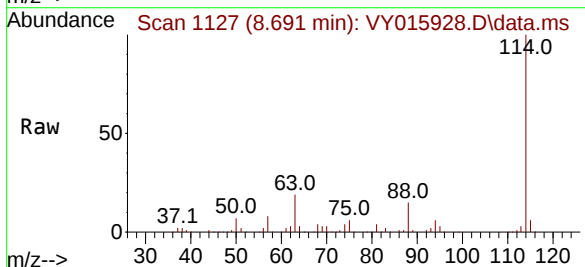
Tgt Ion: 114 Resp: 187229

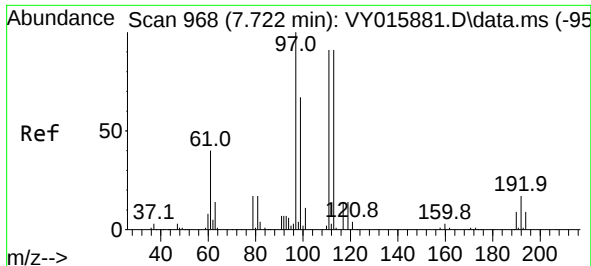
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.0 0.0 30.6

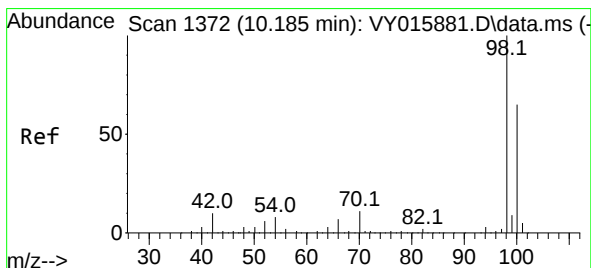
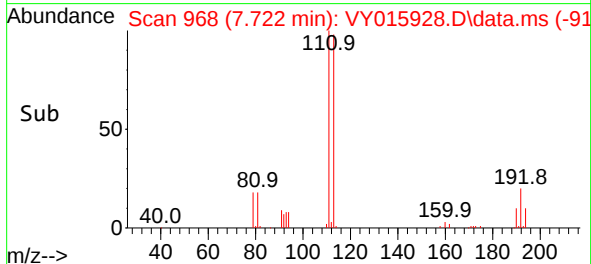
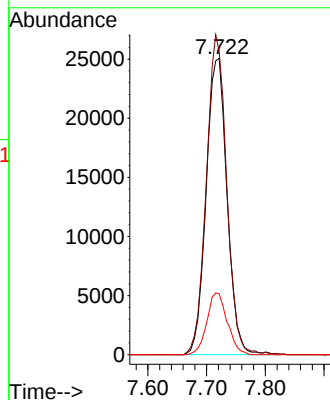
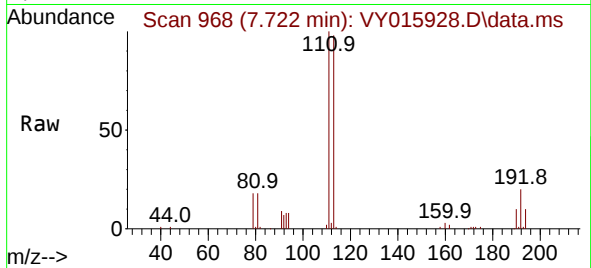




#35
Dibromofluoromethane
Concen: 59.322 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

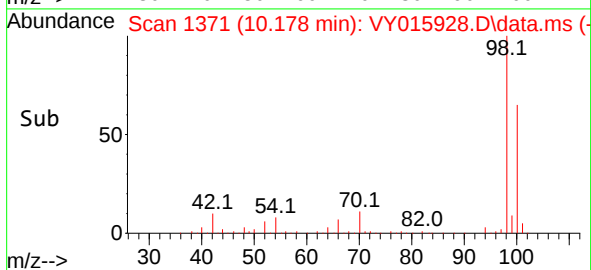
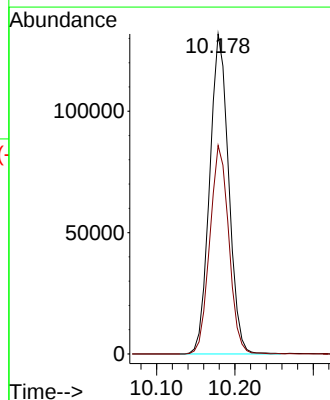
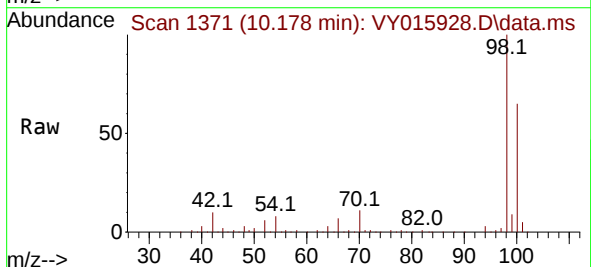
Instrument :
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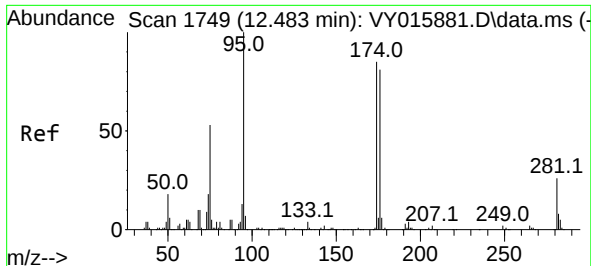
Tgt Ion:113 Resp: 61951
Ion Ratio Lower Upper
113 100
111 105.1 81.3 121.9
192 20.4 16.9 25.3



#50
Toluene-d8
Concen: 64.503 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

Tgt Ion: 98 Resp: 222005
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

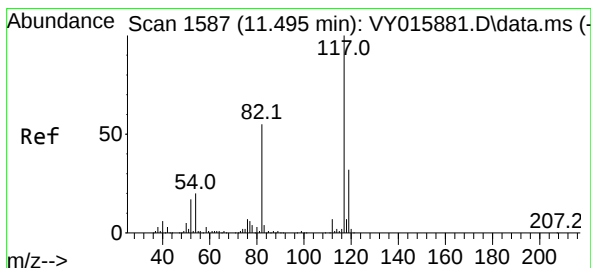
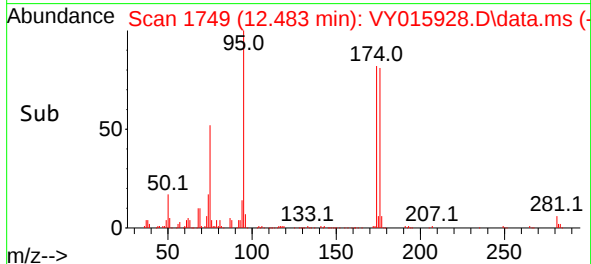
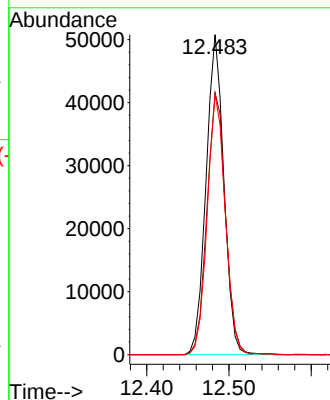
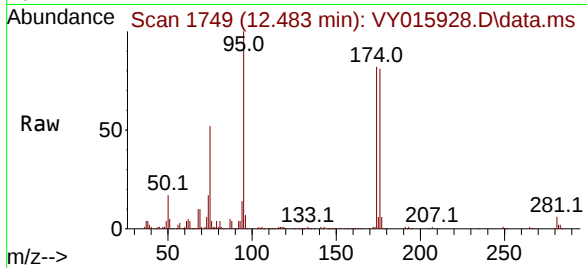




#62
4-Bromofluorobenzene
Concen: 54.624 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

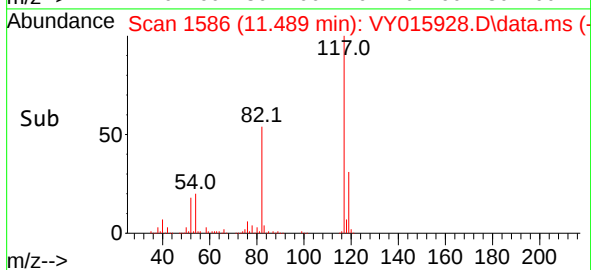
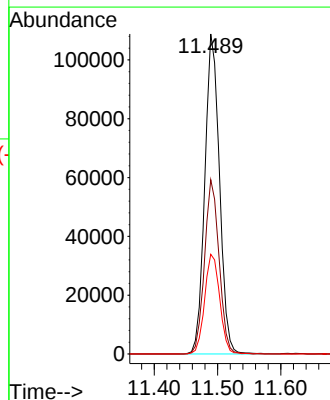
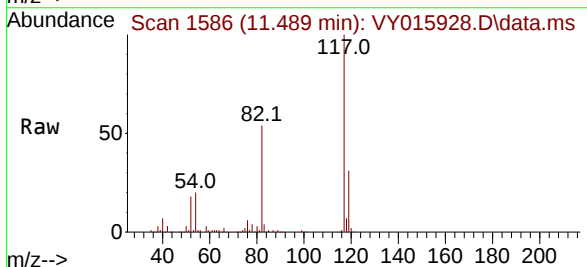
Instrument :
MSVOA_Y
ClientSampleId :
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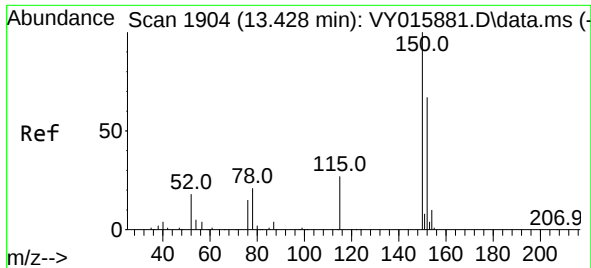
Tgt Ion: 95 Resp: 76362
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY015928.D
Acq: 11 Oct 2023 16:55

Tgt Ion: 117 Resp: 176027
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY015928.D

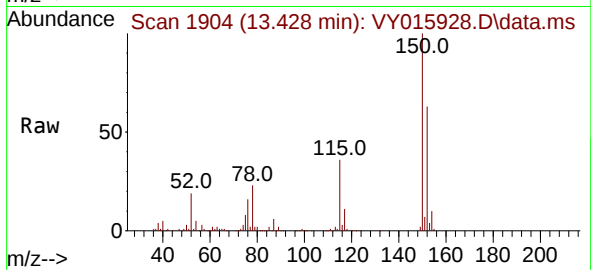
Acq: 11 Oct 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-284



Tgt Ion:152 Resp: 81336

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 158.4 0.0 348.8

