

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012998.D
 Acq On : 17 Mar 2023 19:43
 Operator : KP/MD
 Sample : 01998-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10TH-ST-SUBSTATION-TP2

Quant Time: Mar 18 05:49:53 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)

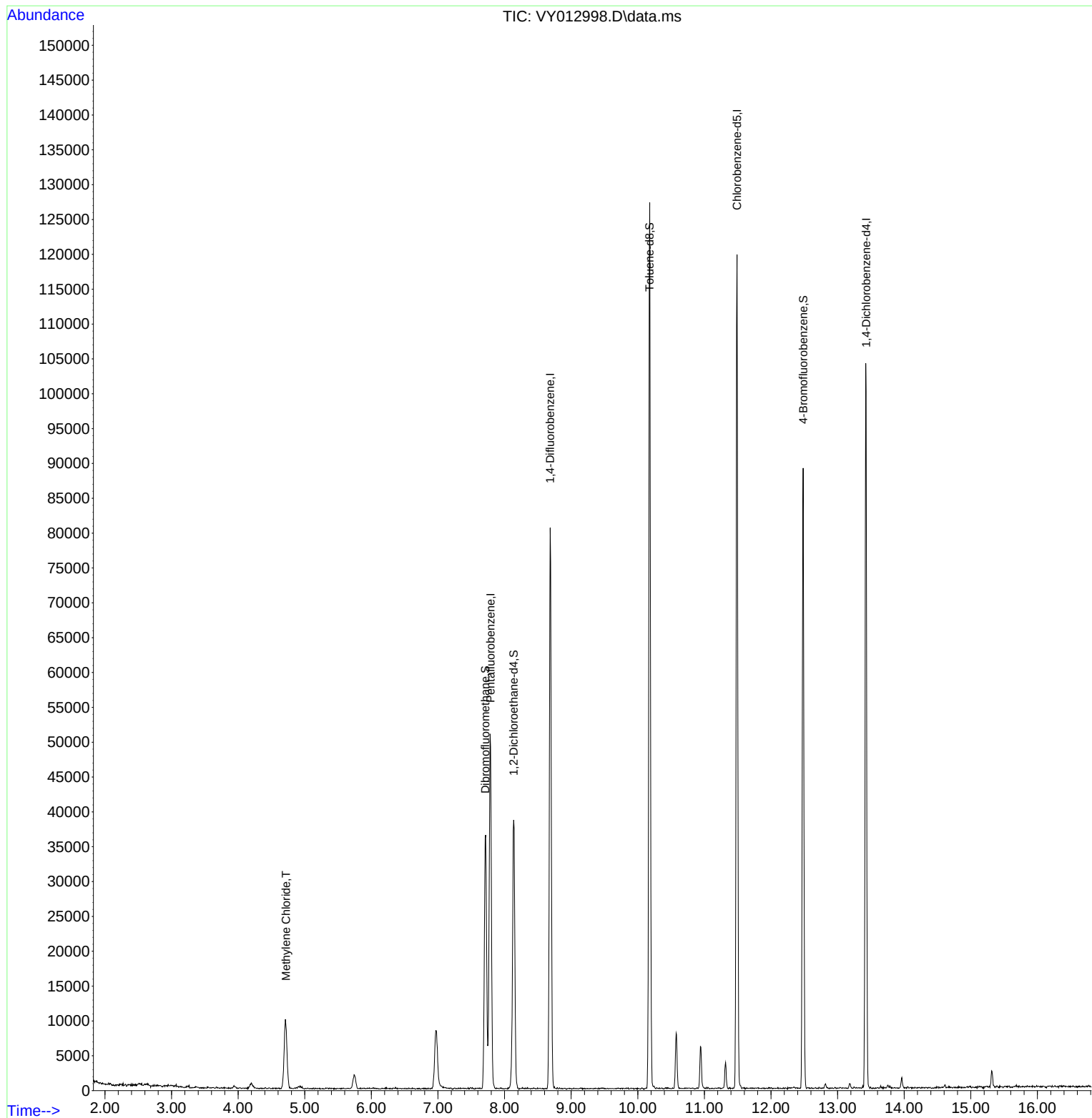
Internal Standards						
1) Pentafluorobenzene	7.789	168	40482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	67780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	63801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	27033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	29773	74.074	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.140%	
35) Dibromofluoromethane	7.710	113	25717	62.870	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.740%	
50) Toluene-d8	10.179	98	81740	54.661	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.320%	
62) 4-Bromofluorobenzene	12.483	95	24598	48.734	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.460%	
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	7012	10.299	ug/l	92

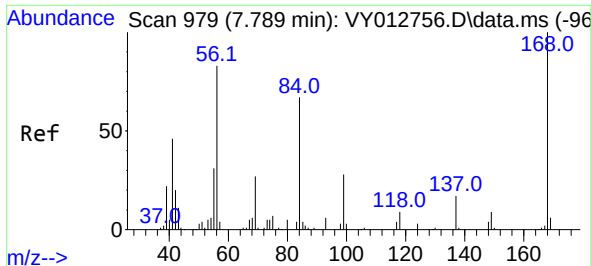
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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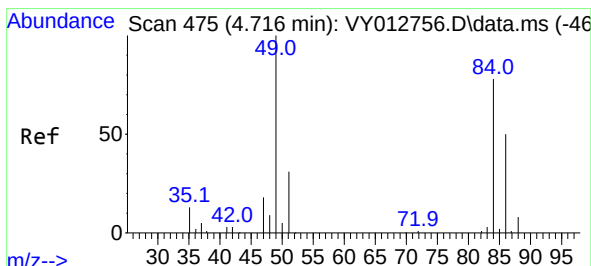
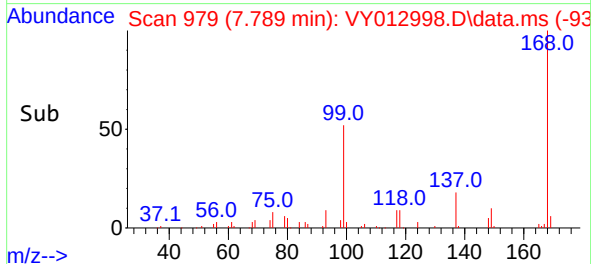
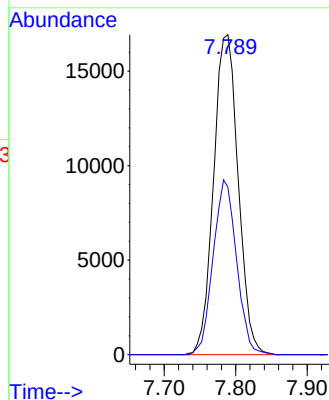
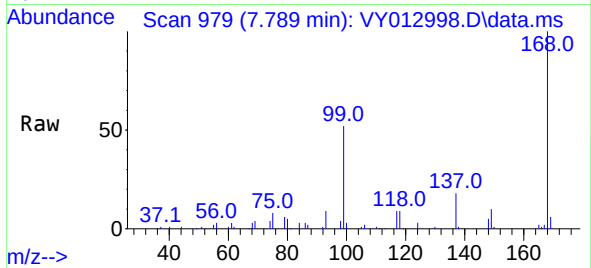




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012998.D
Acq: 17 Mar 2023 19:43

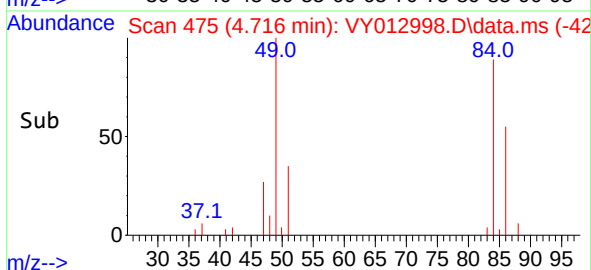
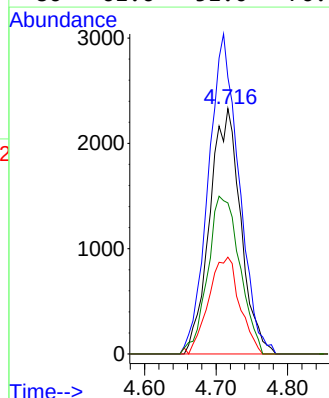
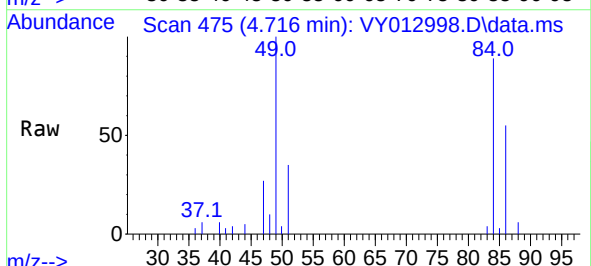
Instrument :
MSVOA_Y
ClientSampleId :
10TH-ST-SUBSTATION-TP2

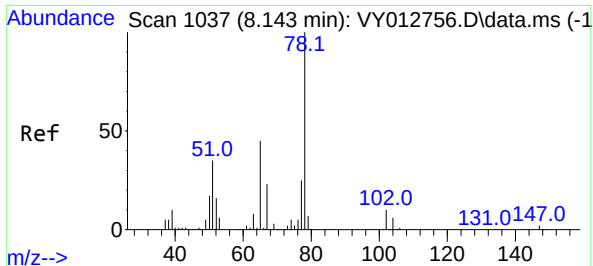
Tgt Ion:168 Resp: 40482
Ion Ratio Lower Upper
168 100
99 52.4 41.7 62.5



#20
Methylene Chloride
Concen: 10.299 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012998.D
Acq: 17 Mar 2023 19:43

Tgt Ion: 84 Resp: 7012
Ion Ratio Lower Upper
84 100
49 112.7 102.6 154.0
51 39.4 31.9 47.9
86 61.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 74.074 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012998.D

Acq: 17 Mar 2023 19:43

Instrument :

MSVOA_Y

ClientSampleId :

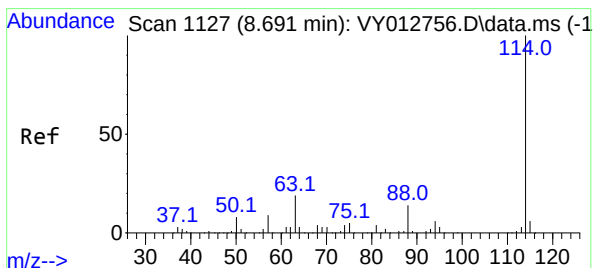
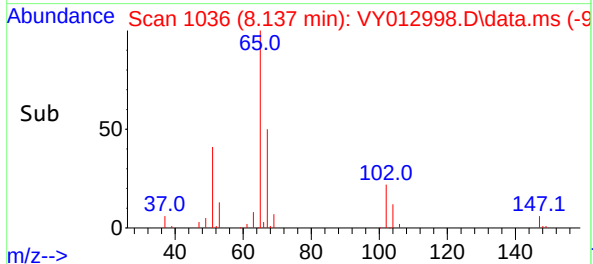
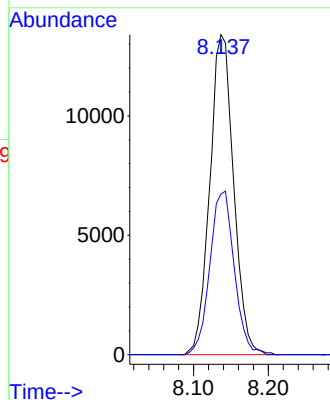
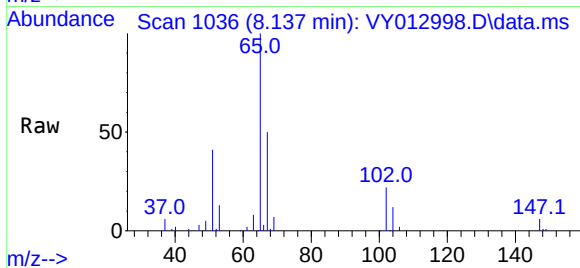
10TH-ST-SUBSTATION-TP2

Tgt Ion: 65 Resp: 29773

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012998.D

Acq: 17 Mar 2023 19:43

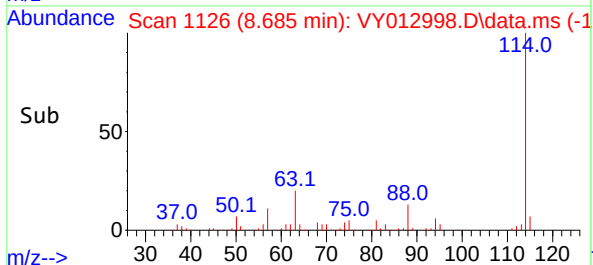
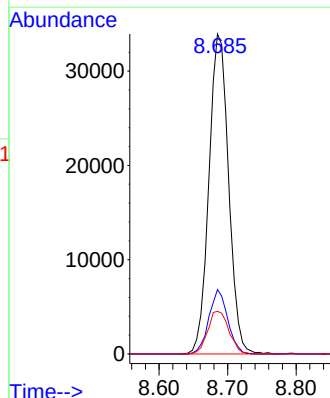
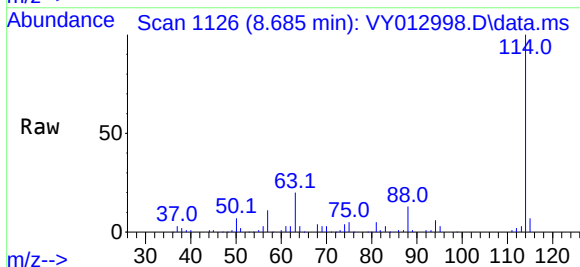
Tgt Ion: 114 Resp: 67780

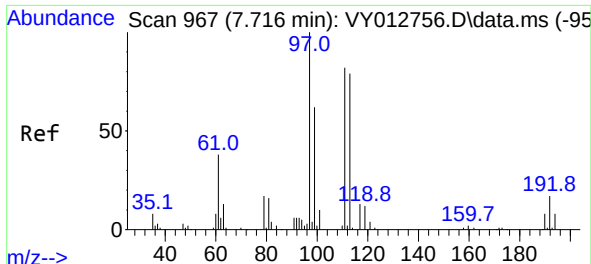
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 13.3 0.0 28.6

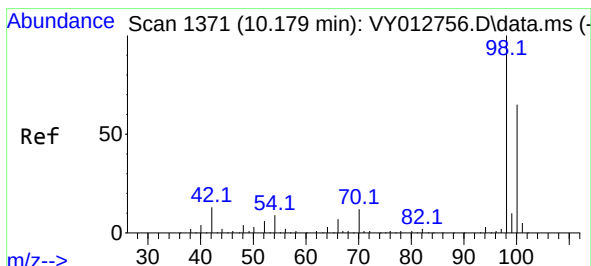
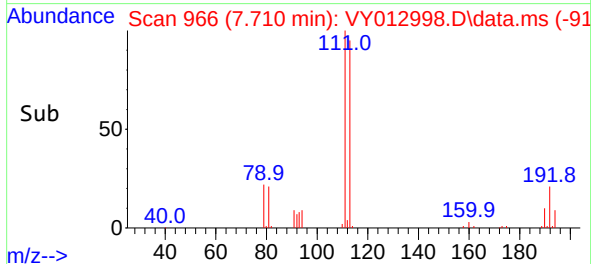
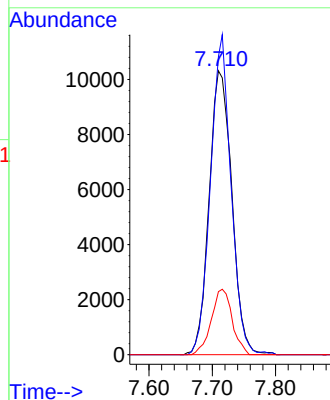
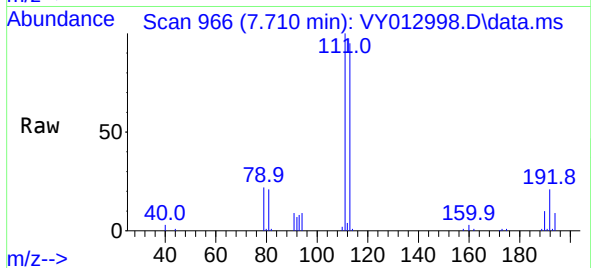




#35
Dibromofluoromethane
Concen: 62.870 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY012998.D
Acq: 17 Mar 2023 19:43

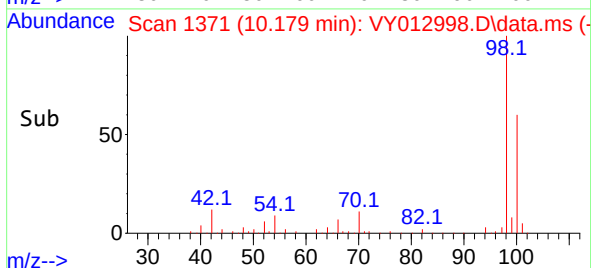
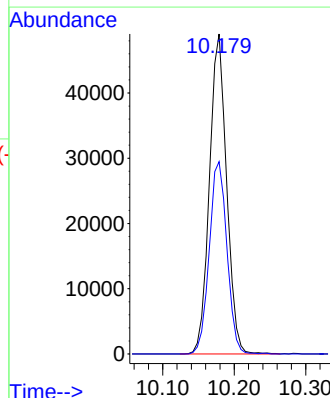
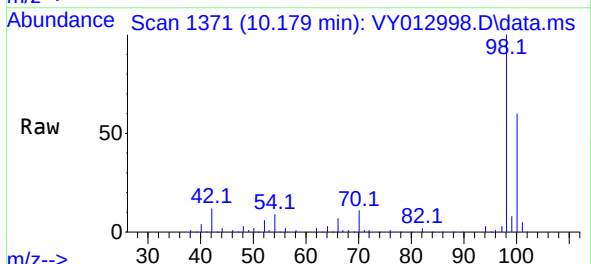
Instrument :
MSVOA_Y
ClientSampleId :
10TH-ST-SUBSTATION-TP2

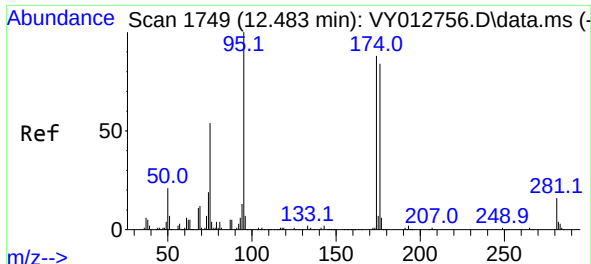
Tgt Ion:113 Resp: 25717
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 21.2 16.8 25.2



#50
Toluene-d8
Concen: 54.661 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012998.D
Acq: 17 Mar 2023 19:43

Tgt Ion: 98 Resp: 81740
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3

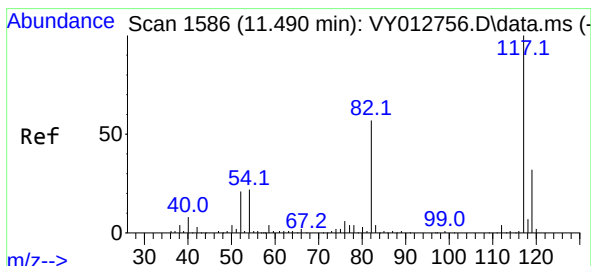
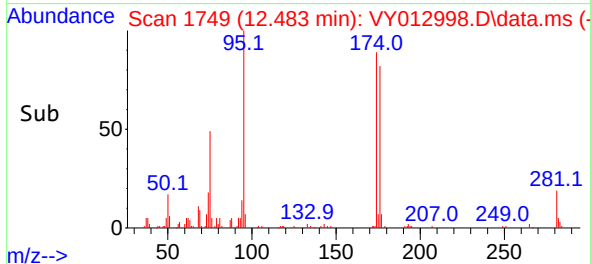
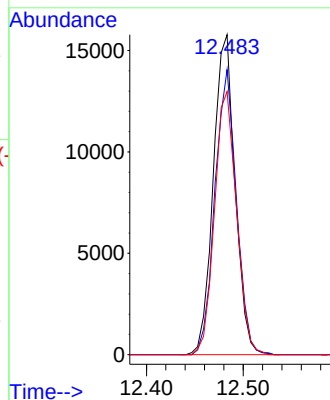
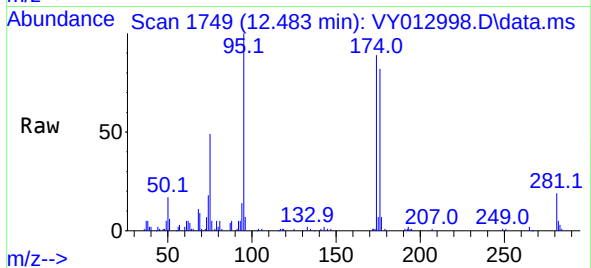




#62
4-Bromofluorobenzene
Concen: 48.734 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012998.D
Acq: 17 Mar 2023 19:43

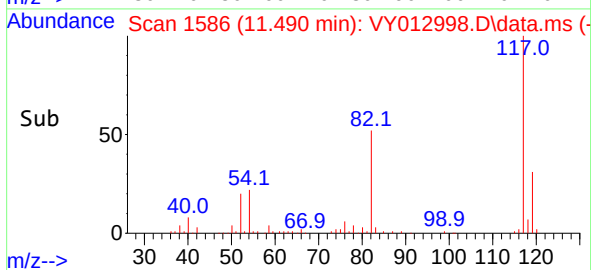
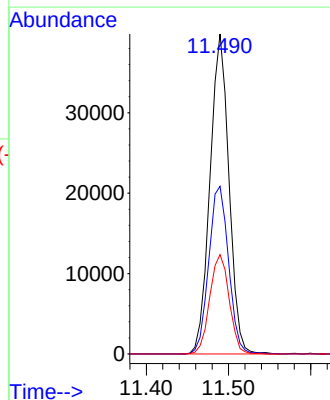
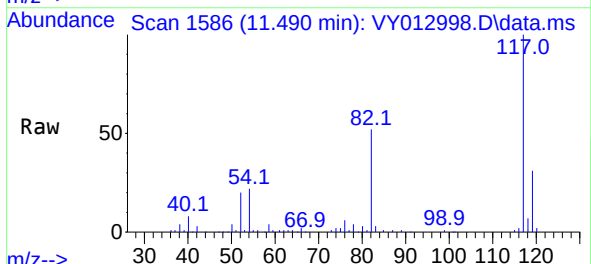
Instrument :
MSVOA_Y
ClientSampleId :
10TH-ST-SUBSTATION-TP2

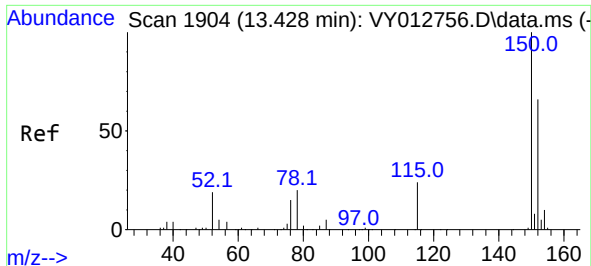
Tgt Ion: 95 Resp: 24598
Ion Ratio Lower Upper
95 100
174 88.2 0.0 176.6
176 83.2 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012998.D
Acq: 17 Mar 2023 19:43

Tgt Ion: 117 Resp: 63801
Ion Ratio Lower Upper
117 100
82 52.4 45.4 68.0
119 31.1 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012998.D

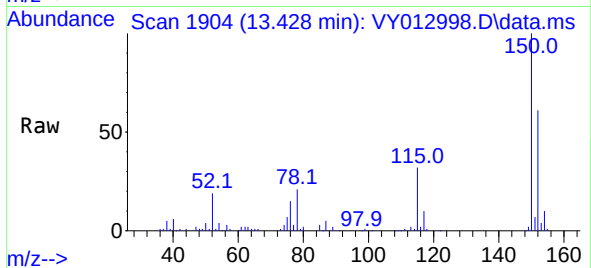
Acq: 17 Mar 2023 19:43

Instrument :

MSVOA_Y

ClientSampleId :

10TH-ST-SUBSTATION-TP2



Tgt Ion:152 Resp: 27033

Ion Ratio Lower Upper

152 100

115 56.0 27.1 81.3

150 157.4 0.0 347.8

