

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012997.D
 Acq On : 17 Mar 2023 19:19
 Operator : KP/MD
 Sample : 01998-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10TH-ST-SUBSTATION-TP1

Quant Time: Mar 18 05:49:34 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)

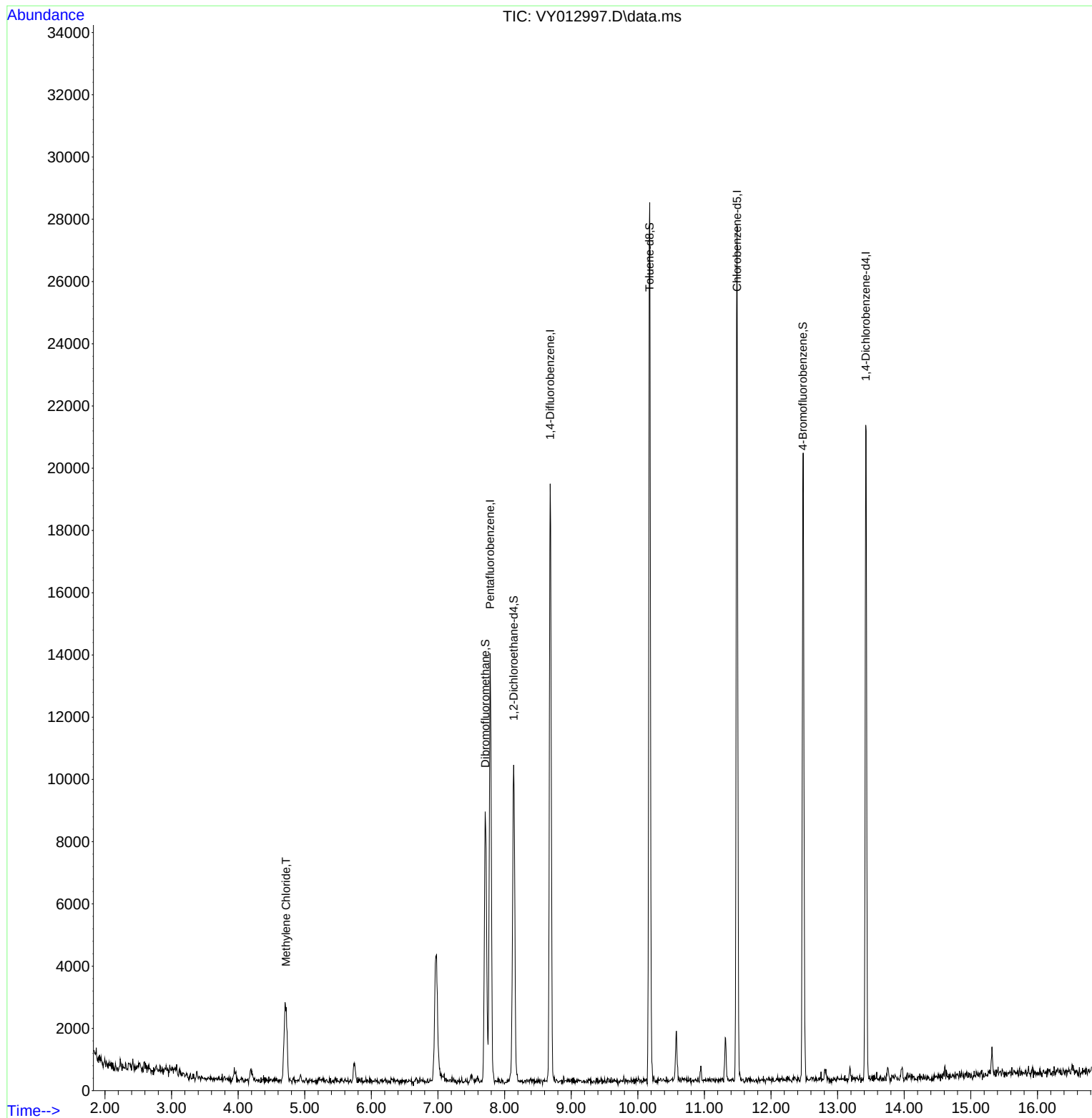
Internal Standards						
1) Pentafluorobenzene	7.783	168	10377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	16225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7792	75.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.260%
35) Dibromofluoromethane	7.710	113	6141	62.716	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.440%
50) Toluene-d8	10.179	98	18950	52.938	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.880%
62) 4-Bromofluorobenzene	12.477	95	5357	44.338	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.680%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	2132	13.337	ug/l #	81

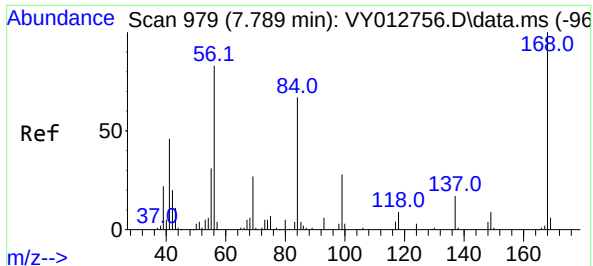
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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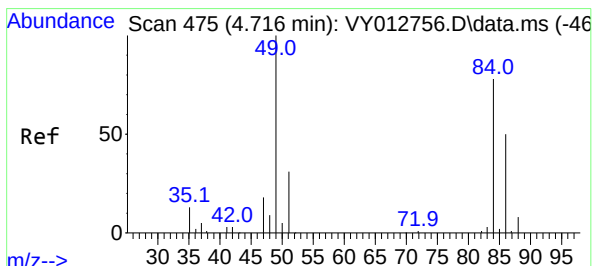
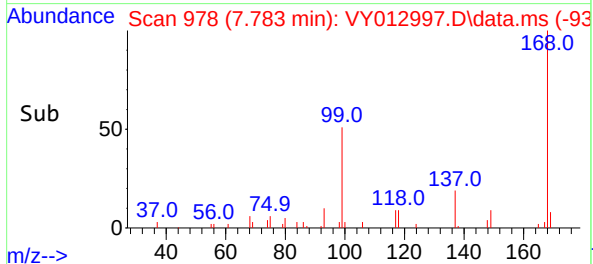
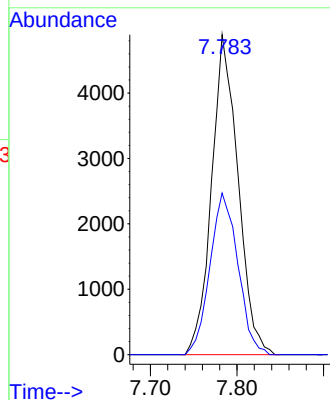
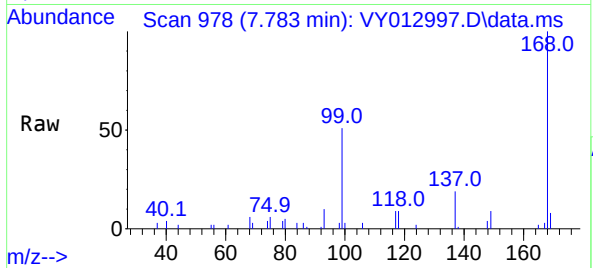




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012997.D
Acq: 17 Mar 2023 19:19

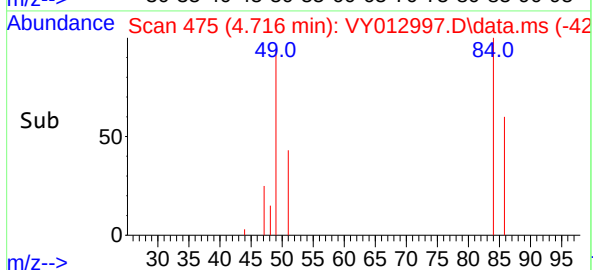
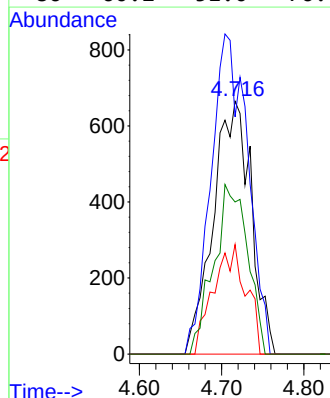
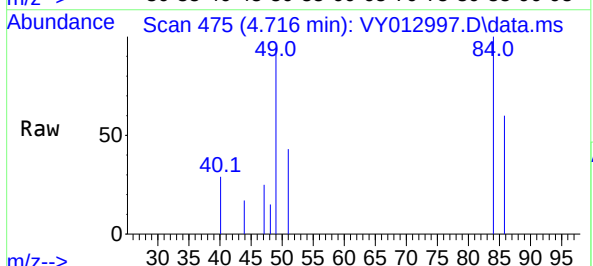
Instrument :
MSVOA_Y
ClientSampleId :
10TH-ST-SUBSTATION-TP1

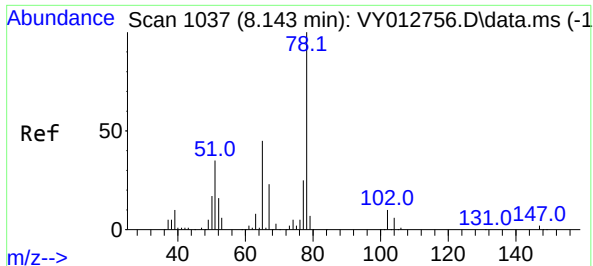
Tgt Ion:168 Resp: 10377
Ion Ratio Lower Upper
168 100
99 50.5 41.7 62.5



#20
Methylene Chloride
Concen: 13.337 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012997.D
Acq: 17 Mar 2023 19:19

Tgt Ion: 84 Resp: 2132
Ion Ratio Lower Upper
84 100
49 93.8 102.6 154.0#
51 43.3 31.9 47.9
86 60.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 75.628 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012997.D

Acq: 17 Mar 2023 19:19

Instrument :

MSVOA_Y

ClientSampleId :

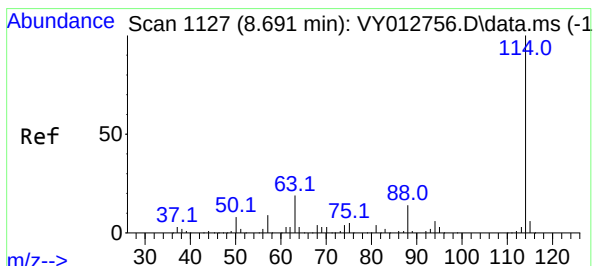
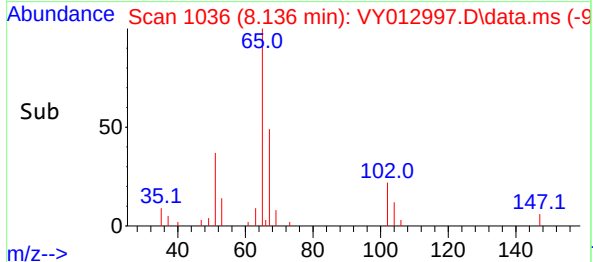
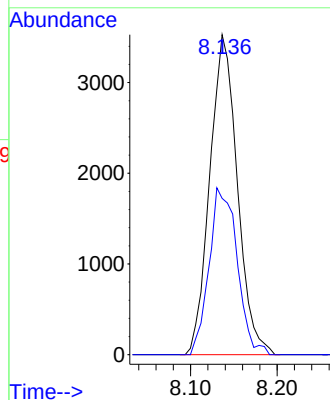
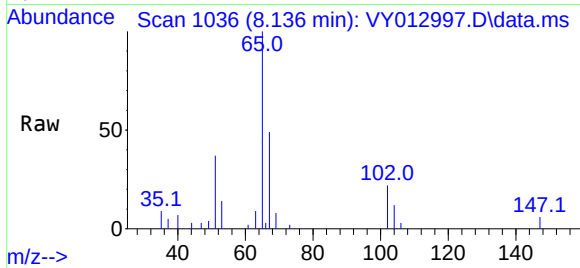
10TH-ST-SUBSTATION-TP1

Tgt Ion: 65 Resp: 7792

Ion Ratio Lower Upper

65 100

67 53.0 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: VY012997.D

Acq: 17 Mar 2023 19:19

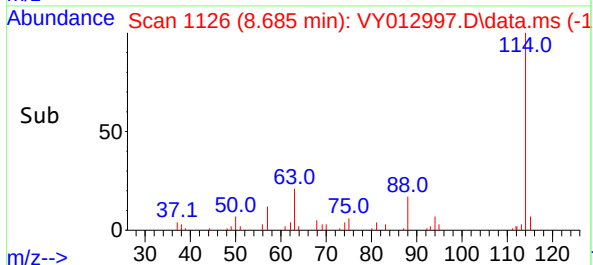
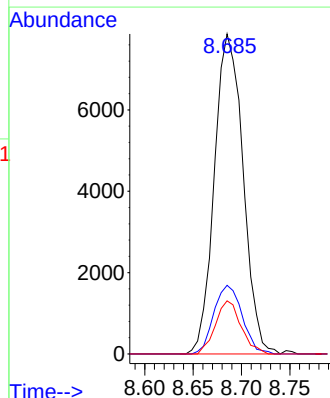
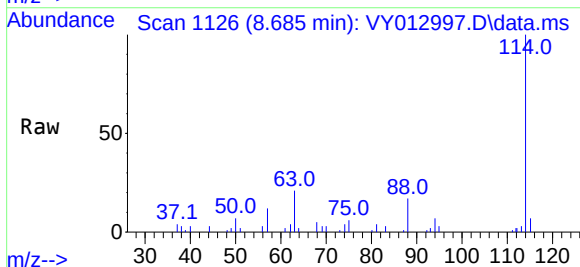
Tgt Ion: 114 Resp: 16225

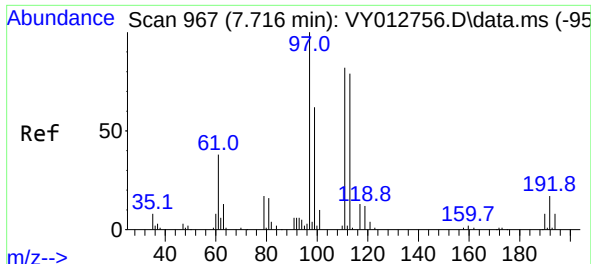
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

88 16.6 0.0 28.6

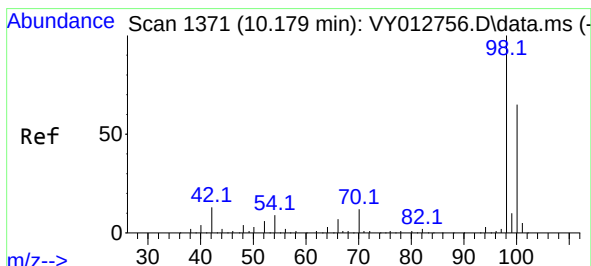
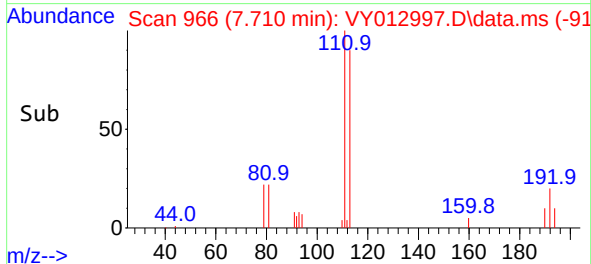
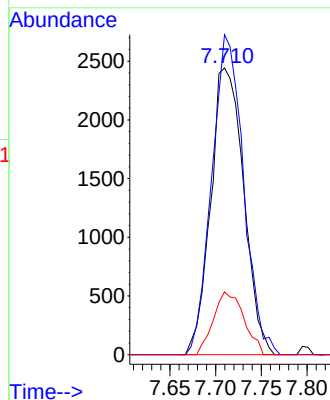
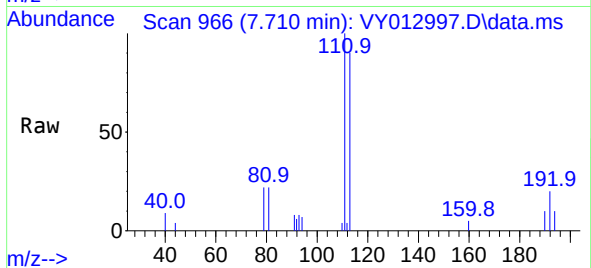




#35
Dibromofluoromethane
Concen: 62.716 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY012997.D
Acq: 17 Mar 2023 19:19

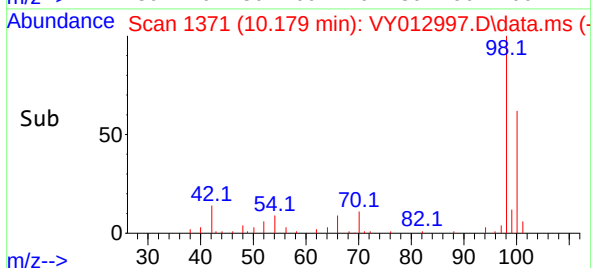
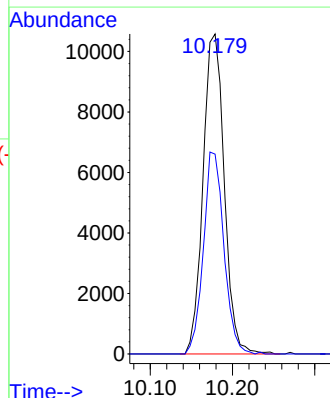
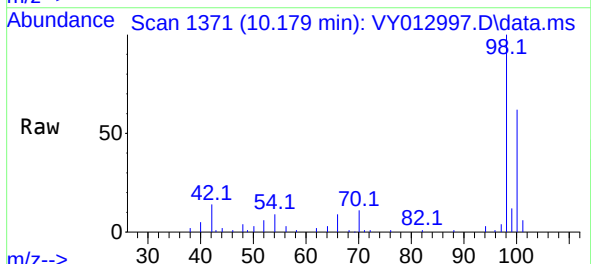
Instrument :
MSVOA_Y
ClientSampleId :
10TH-ST-SUBSTATION-TP1

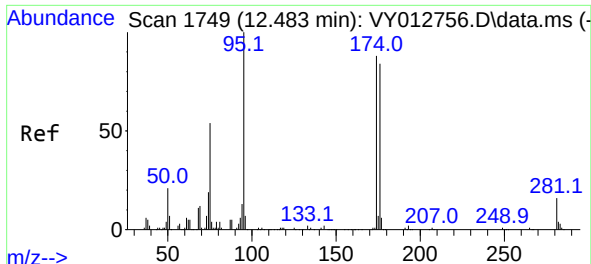
Tgt Ion:113 Resp: 6141
Ion Ratio Lower Upper
113 100
111 106.7 82.2 123.2
192 20.2 16.8 25.2



#50
Toluene-d8
Concen: 52.938 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012997.D
Acq: 17 Mar 2023 19:19

Tgt Ion: 98 Resp: 18950
Ion Ratio Lower Upper
98 100
100 61.1 50.9 76.3

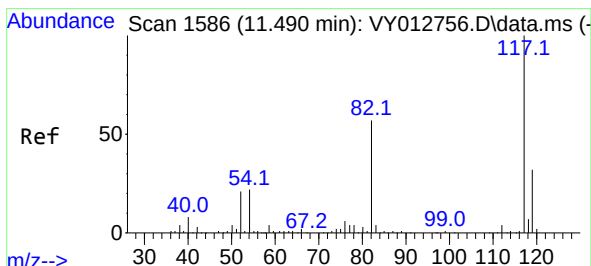
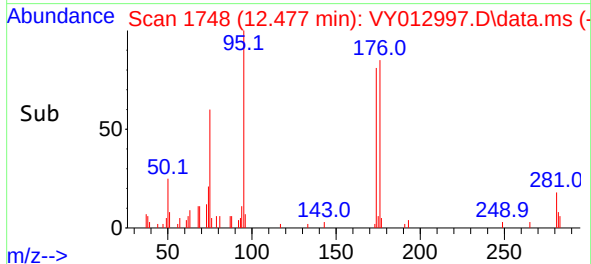
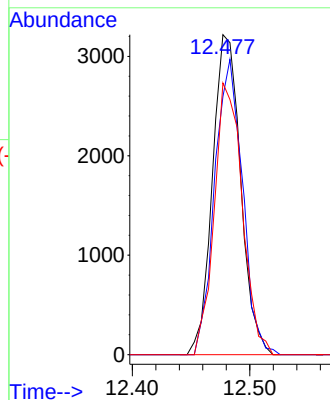
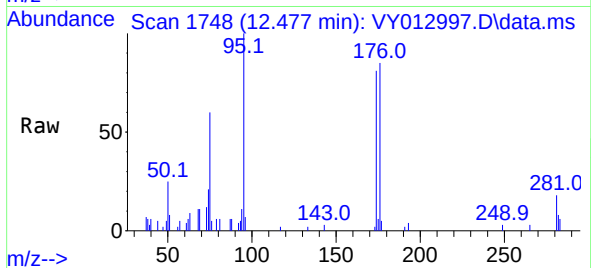




#62
4-Bromofluorobenzene
Concen: 44.338 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012997.D
Acq: 17 Mar 2023 19:19

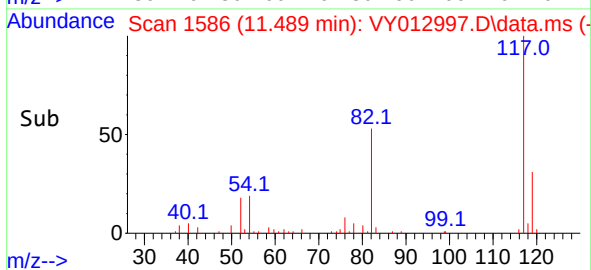
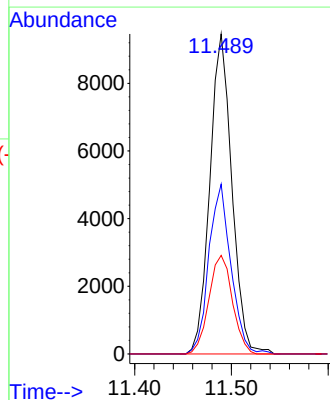
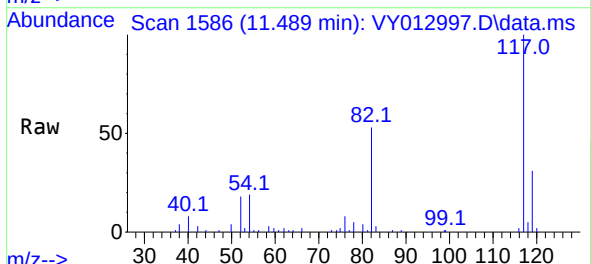
Instrument :
MSVOA_Y
ClientSampleId :
10TH-ST-SUBSTATION-TP1

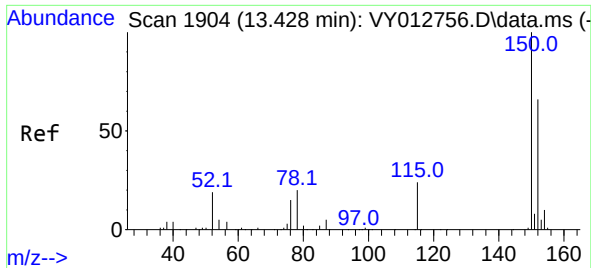
Tgt Ion:	95	Resp:	5357
Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	176.6
176	84.5	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012997.D
Acq: 17 Mar 2023 19:19

Tgt Ion:	117	Resp:	14972
Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.4	68.0
119	30.8	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY012997.D
 Acq: 17 Mar 2023 19:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 10TH-ST-SUBSTATION-TP1

Tgt Ion:	152	Resp:	5644
Ion	Ratio	Lower	Upper
152	100		
115	57.3	27.1	81.3
150	160.9	0.0	347.8

