

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011140.D
 Acq On : 27 Oct 2022 15:42
 Operator : KP/MD
 Sample : N5281-10
 Misc : 3.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10

Quant Time: Oct 28 00:47:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

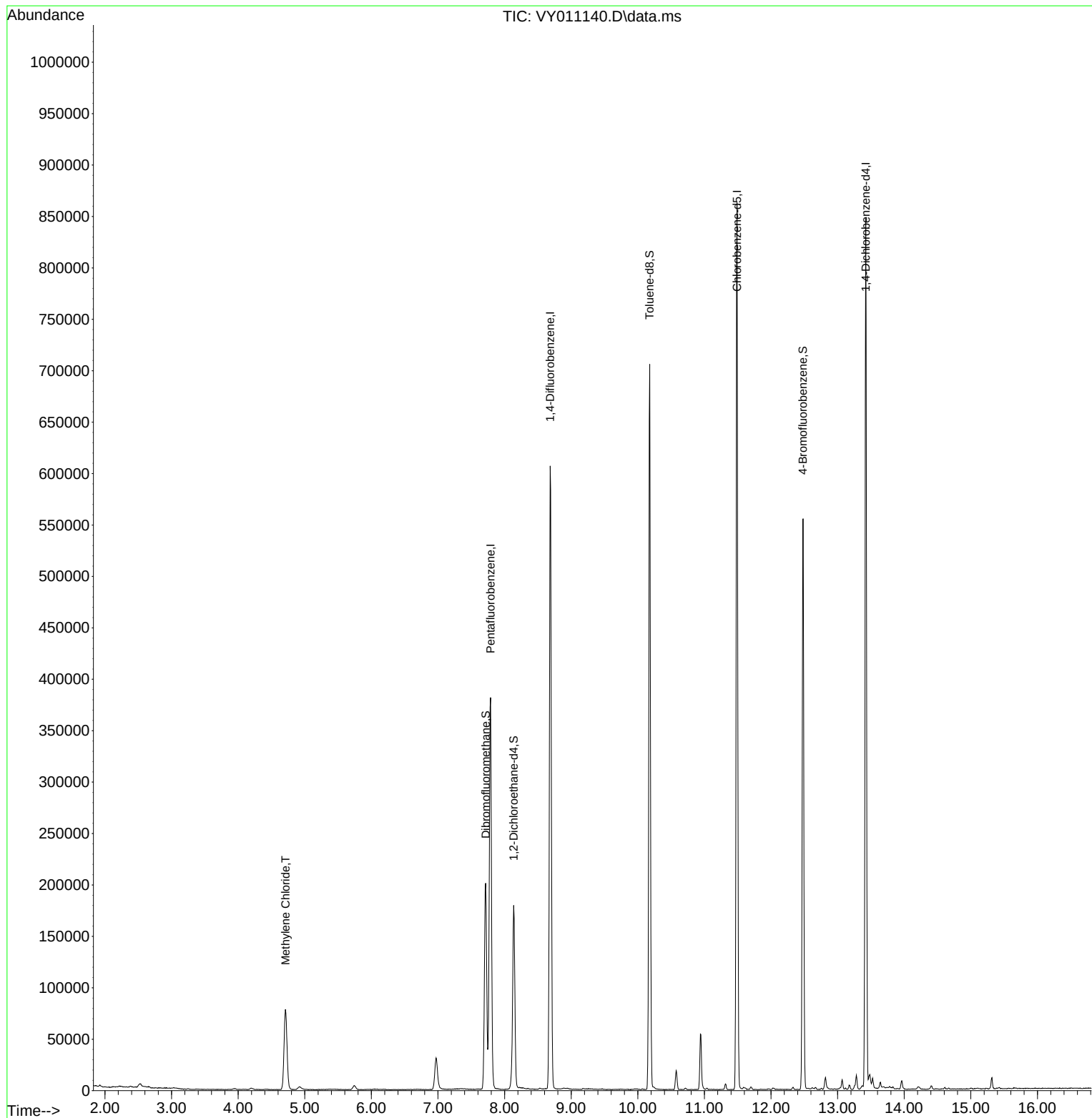
Internal Standards						
1) Pentafluorobenzene	7.789	168	298522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	534428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	477728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	220260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132511	48.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.380%
35) Dibromofluoromethane	7.716	113	147325	49.429	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.860%
50) Toluene-d8	10.179	98	461350	41.344	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.680%
62) 4-Bromofluorobenzene	12.477	95	173868	43.592	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.180%
Target Compounds						
20) Methylene Chloride	4.710	84	62608	13.362	ug/l	Qvalue 86

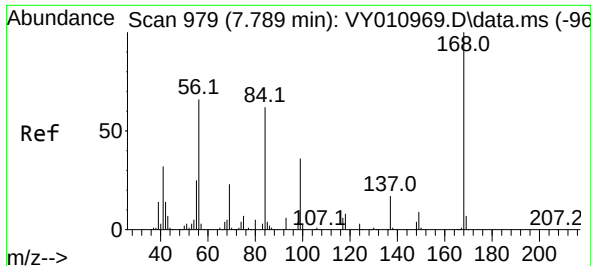
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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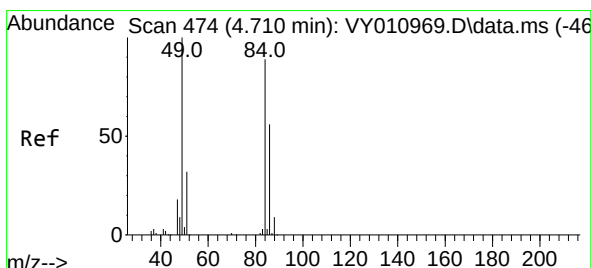
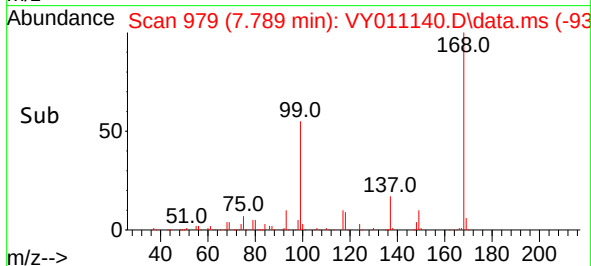
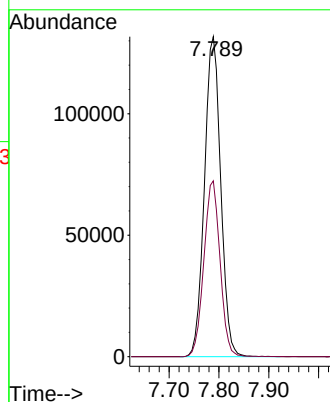
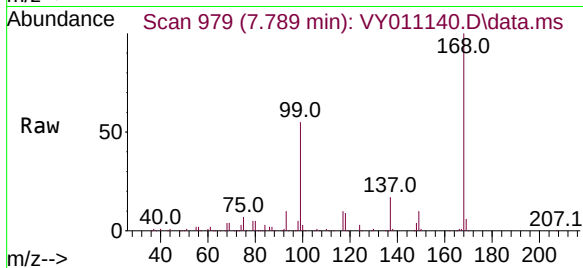




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011140.D
Acq: 27 Oct 2022 15:42

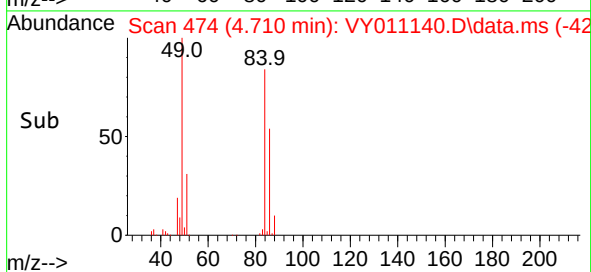
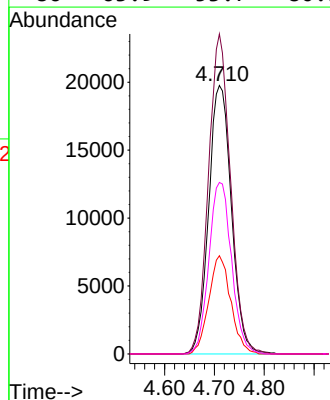
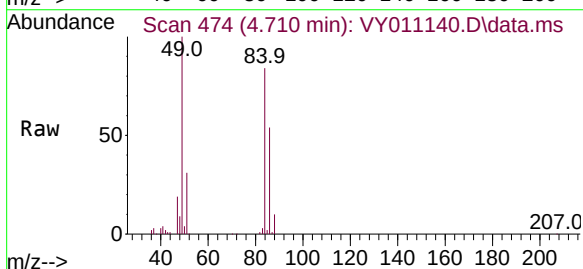
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

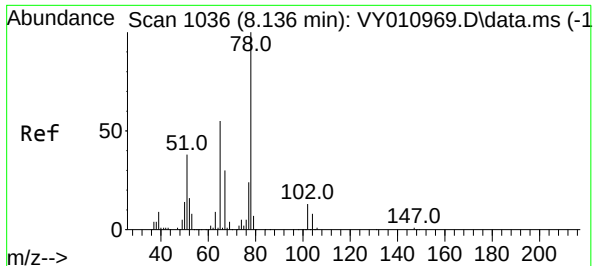
Tgt Ion:168 Resp: 298522
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#20
Methylene Chloride
Concen: 13.362 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY011140.D
Acq: 27 Oct 2022 15:42

Tgt Ion: 84 Resp: 62608
Ion Ratio Lower Upper
84 100
49 119.2 114.4 171.6
51 36.6 35.3 52.9
86 63.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 48.189 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011140.D

Acq: 27 Oct 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

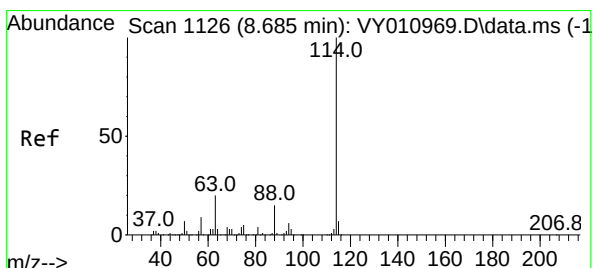
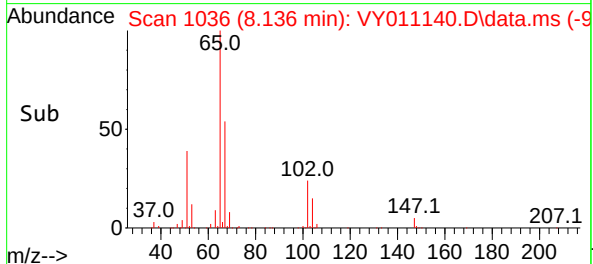
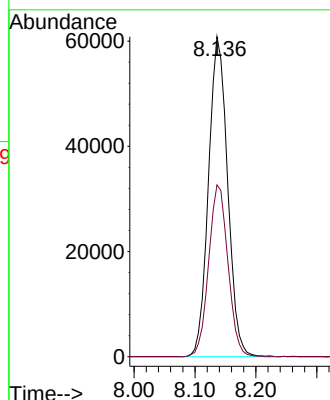
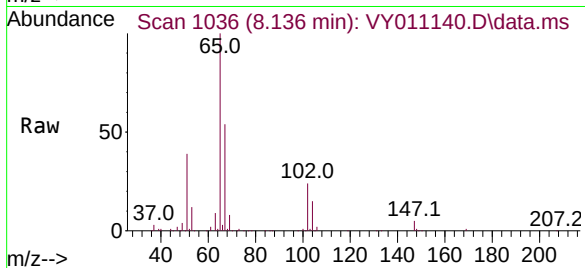
SB-10

Tgt Ion: 65 Resp: 132511

Ion Ratio Lower Upper

65 100

67 54.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY011140.D

Acq: 27 Oct 2022 15:42

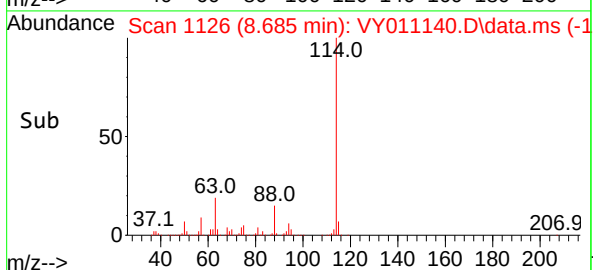
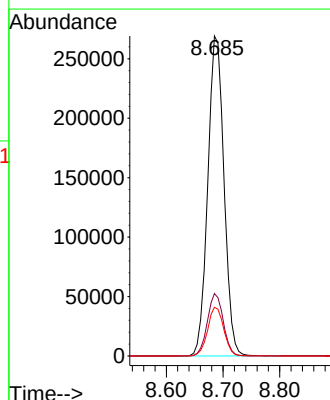
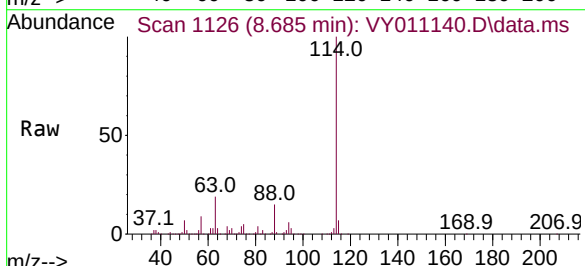
Tgt Ion:114 Resp: 534428

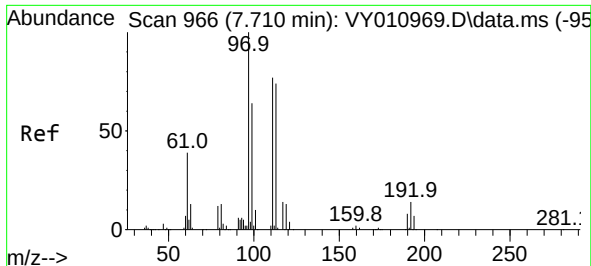
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.2 0.0 31.8

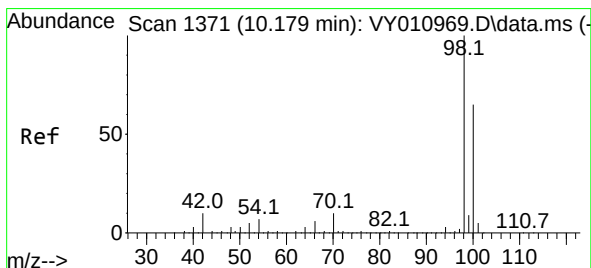
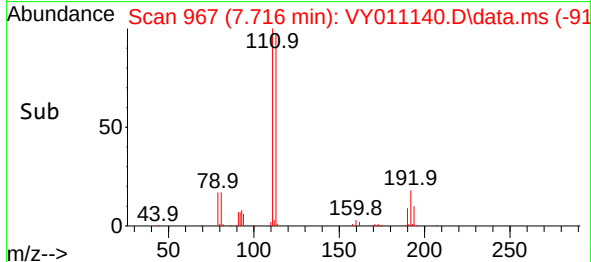
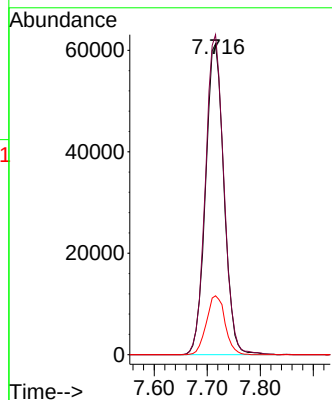
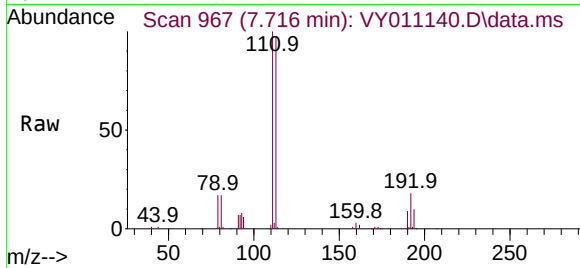




#35
Dibromofluoromethane
Concen: 49.429 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011140.D
Acq: 27 Oct 2022 15:42

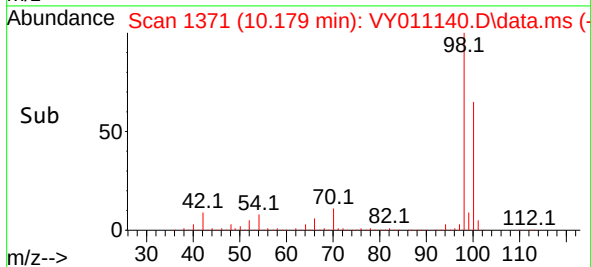
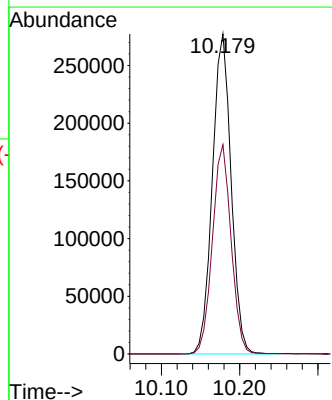
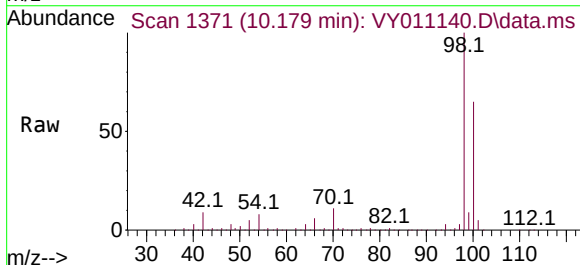
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

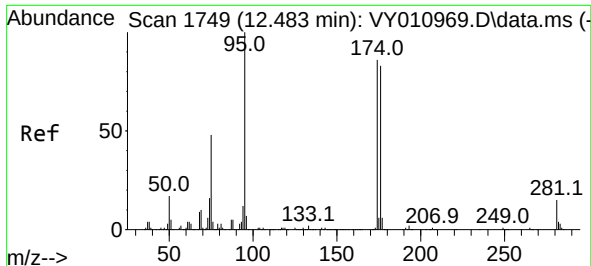
Tgt Ion:113 Resp: 147325
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.3 17.6 26.4



#50
Toluene-d8
Concen: 41.344 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011140.D
Acq: 27 Oct 2022 15:42

Tgt Ion: 98 Resp: 461350
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

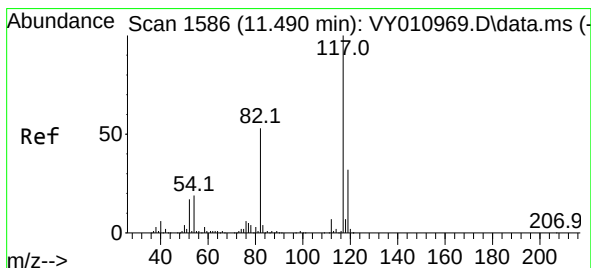
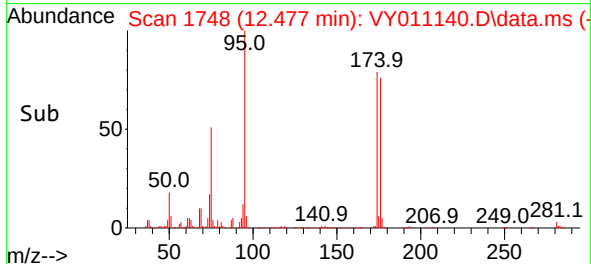
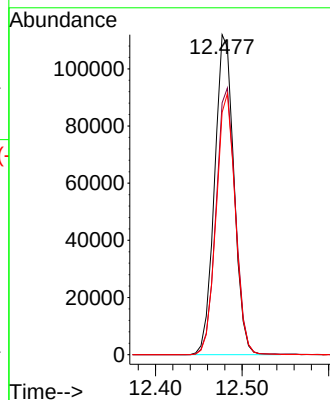
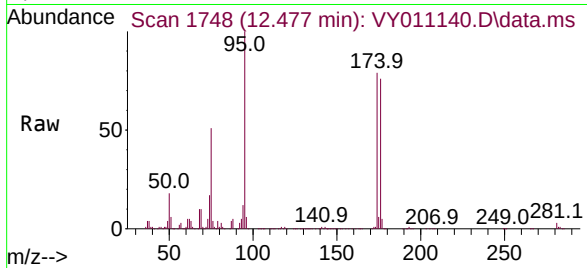




#62
4-Bromofluorobenzene
Concen: 43.592 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011140.D
Acq: 27 Oct 2022 15:42

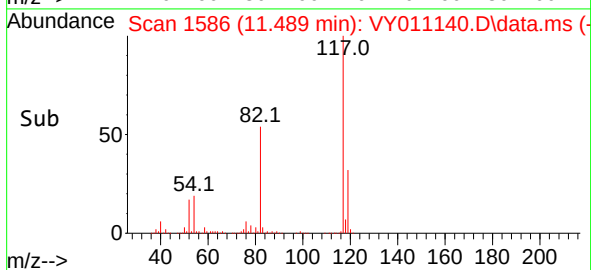
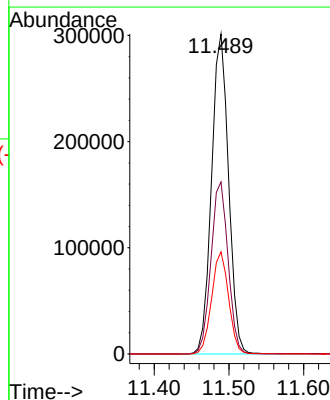
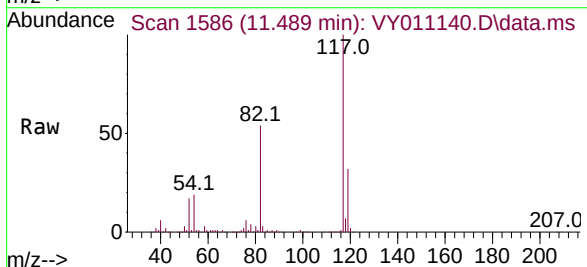
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

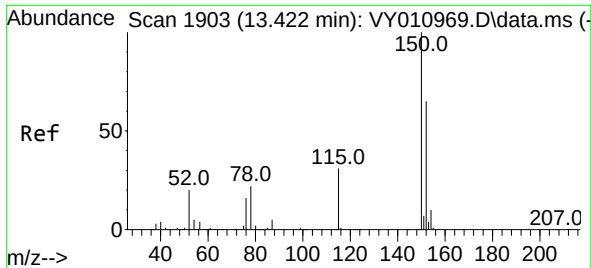
Tgt Ion: 95 Resp: 173868
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 80.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011140.D
Acq: 27 Oct 2022 15:42

Tgt Ion: 117 Resp: 477728
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011140.D
 Acq: 27 Oct 2022 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10

Tgt Ion:152 Resp: 220260
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.2 84.7
 150 156.9 0.0 347.6

