

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012294.D
 Acq On : 20 Jan 2023 16:36
 Operator : KP/MD
 Sample : 01232-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P-18A

Quant Time: Jan 23 02:22:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	3458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	4924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1961	69.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.980%
35) Dibromofluoromethane	7.716	113	774	26.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	52.800%#
50) Toluene-d8	10.179	98	6517	65.484	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.960%
62) 4-Bromofluorobenzene	12.483	95	1496	36.190	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.380%

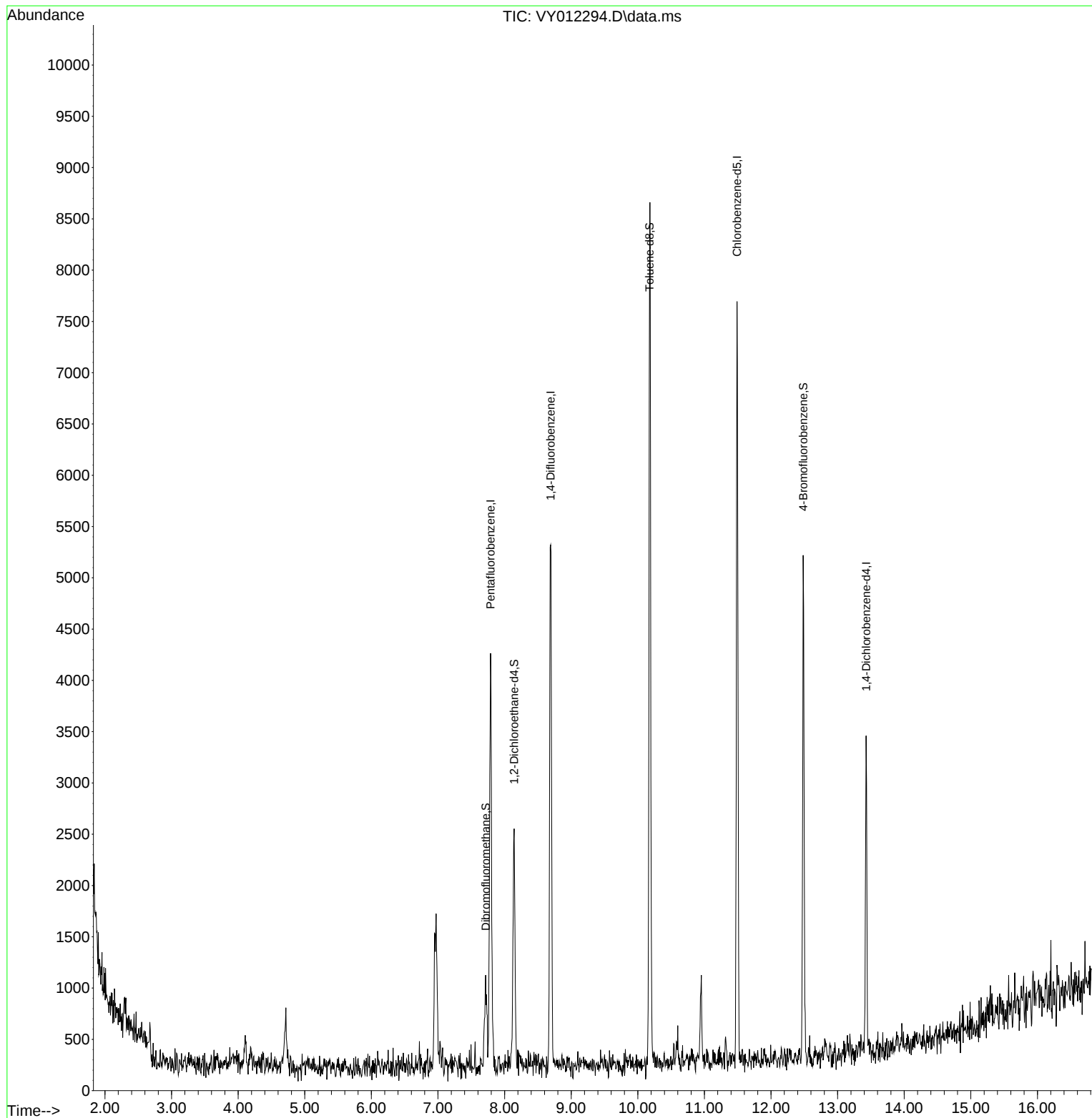
Target Compounds	Qvalue

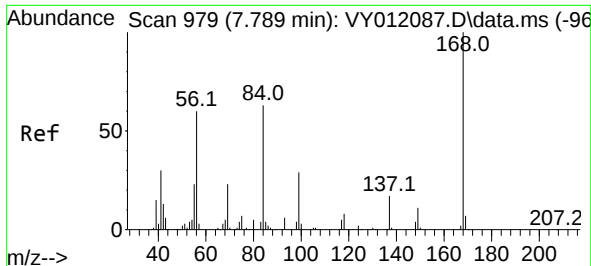
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
Data File : VY012294.D
Acq On : 20 Jan 2023 16:36
Operator : KP/MD
Sample : 01232-04
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P-18A

Quant Time: Jan 23 02:22:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

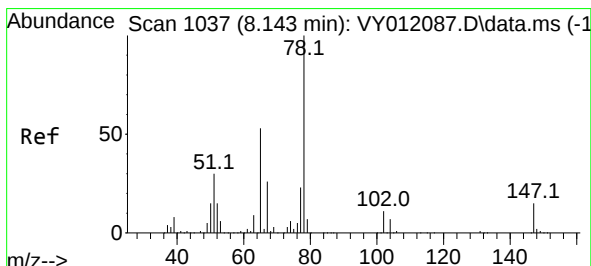
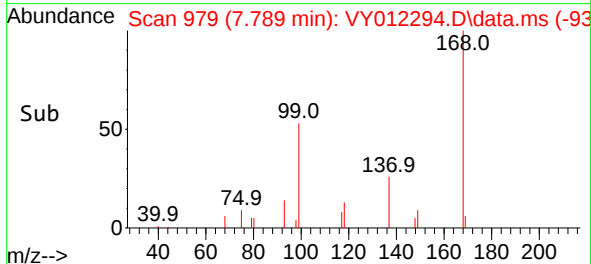
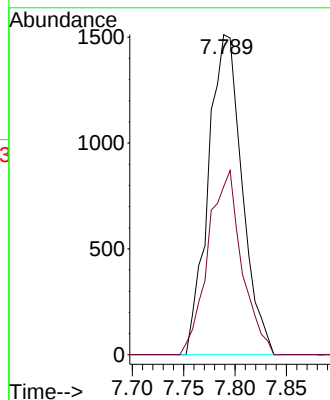
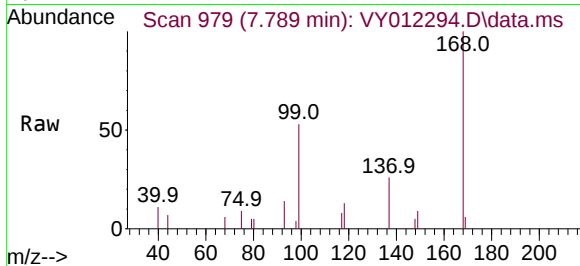




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

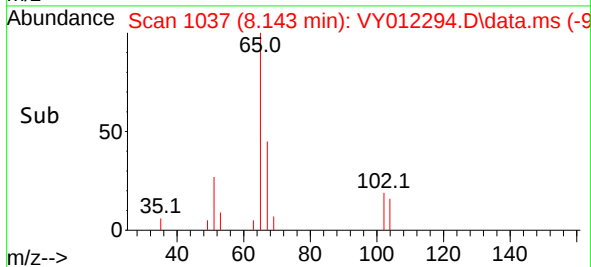
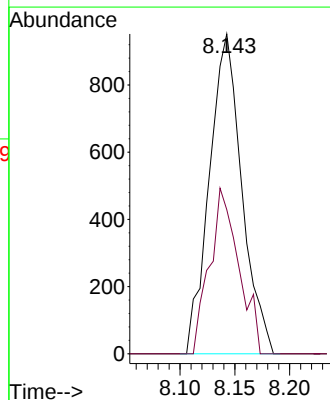
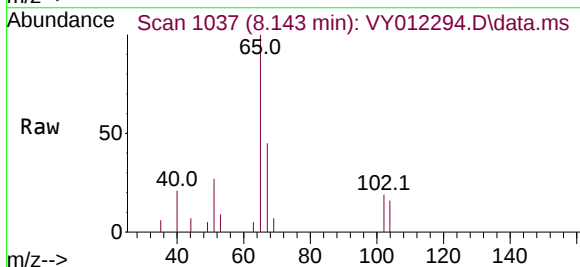
Instrument :
MSVOA_Y
ClientSampleId :
B-P-18A

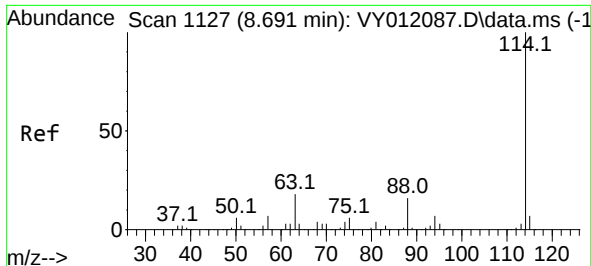
Tgt Ion:168 Resp: 3458
Ion Ratio Lower Upper
168 100
99 52.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 69.988 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

Tgt Ion: 65 Resp: 1961
Ion Ratio Lower Upper
65 100
67 46.5 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012294.D

Acq: 20 Jan 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

B-P-18A

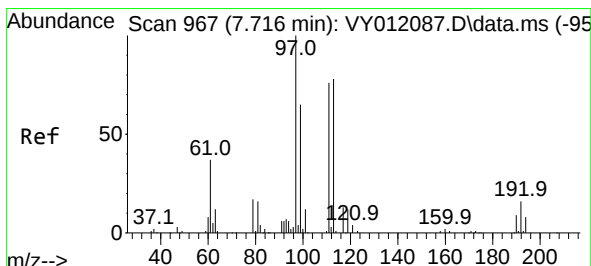
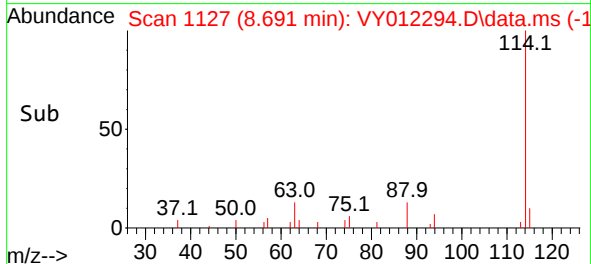
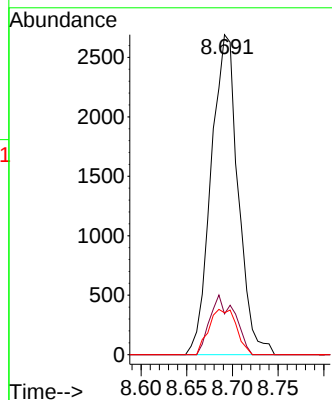
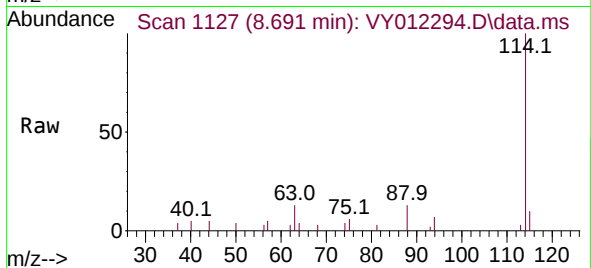
Tgt Ion:114 Resp: 5538

Ion Ratio Lower Upper

114 100

63 12.7 0.0 39.6

88 13.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 26.395 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012294.D

Acq: 20 Jan 2023 16:36

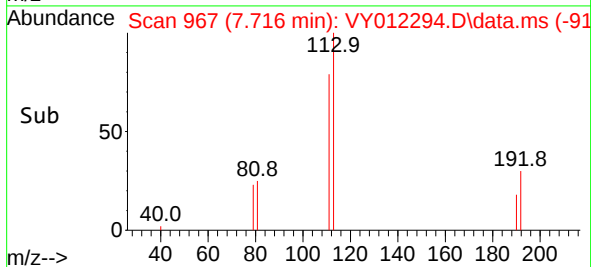
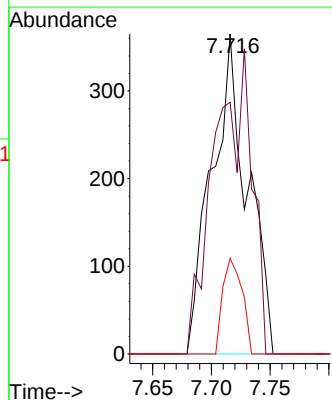
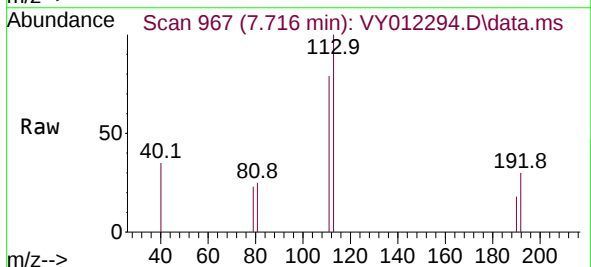
Tgt Ion:113 Resp: 774

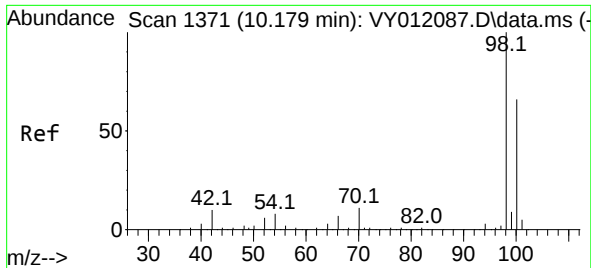
Ion Ratio Lower Upper

113 100

111 65.6 83.0 124.4#

192 16.1 16.0 24.0

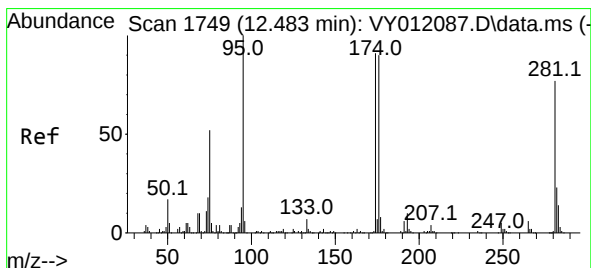
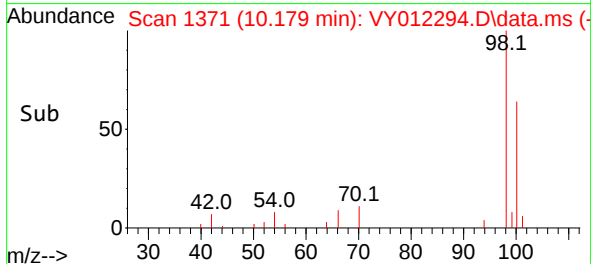
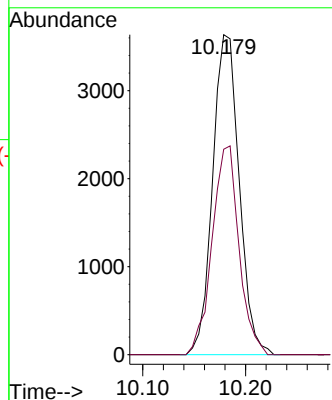
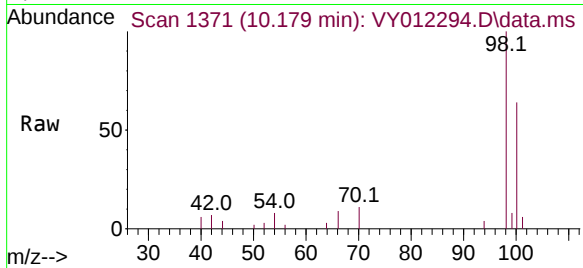




#50
Toluene-d8
Concen: 65.484 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

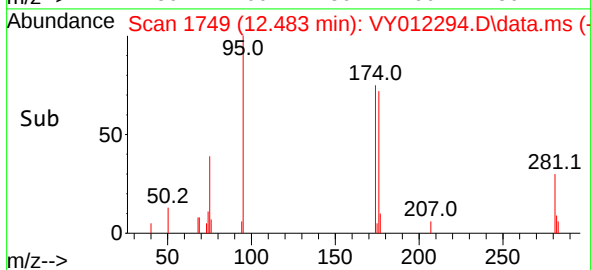
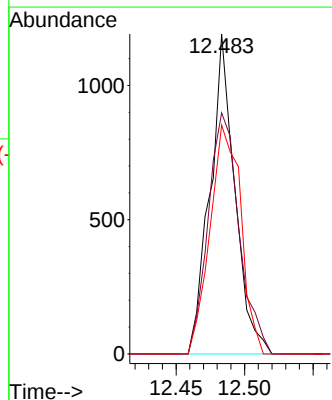
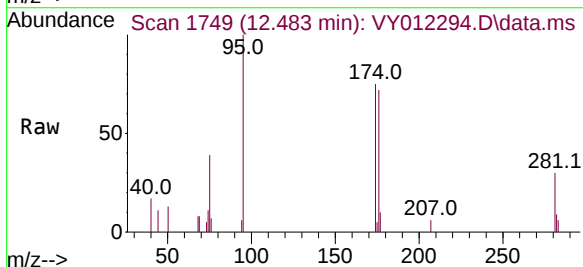
Instrument :
MSVOA_Y
ClientSampleId :
B-P-18A

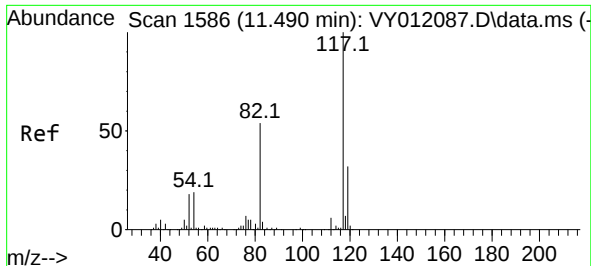
Tgt Ion: 98 Resp: 6517
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 36.190 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

Tgt Ion: 95 Resp: 1496
Ion Ratio Lower Upper
95 100
174 94.1 0.0 172.0
176 88.6 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012294.D

Acq: 20 Jan 2023 16:36

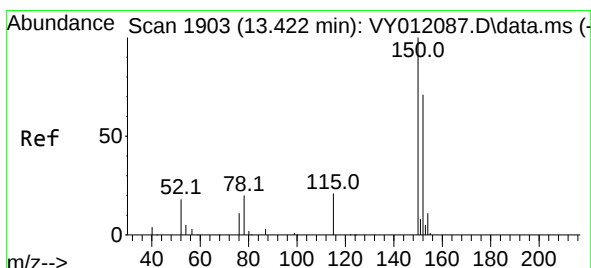
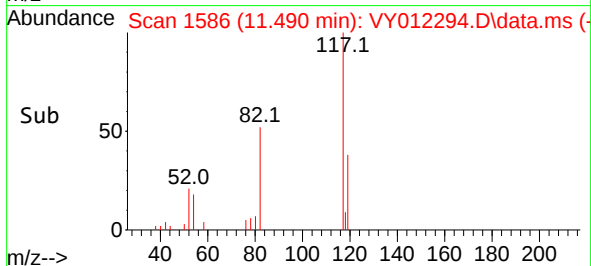
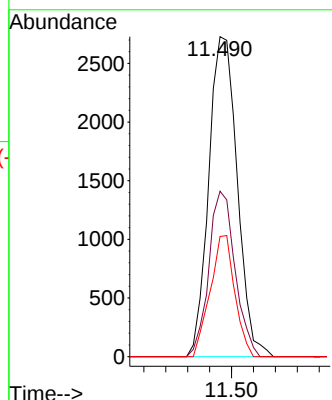
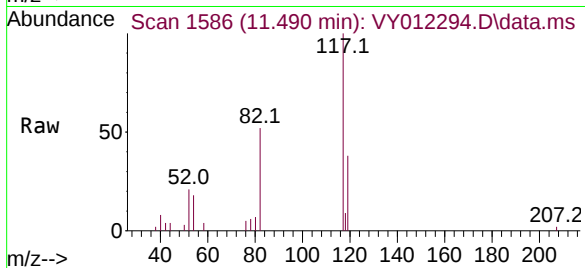
Instrument :

MSVOA_Y

ClientSampleId :

B-P-18A

Tgt Ion:117	Resp:	4924
Ion	Ratio	Lower Upper
117	100	
82	51.7	44.8 67.2
119	37.5	25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012294.D

Acq: 20 Jan 2023 16:36

Tgt Ion:152	Resp:	1045
Ion	Ratio	Lower Upper
152	100	
115	56.7	29.1 87.3
150	163.1	0.0 342.6

