

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011168.D
 Acq On : 28 Oct 2022 19:34
 Operator : KP/MD
 Sample : N5330-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-5-102722

Quant Time: Oct 28 23:47:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

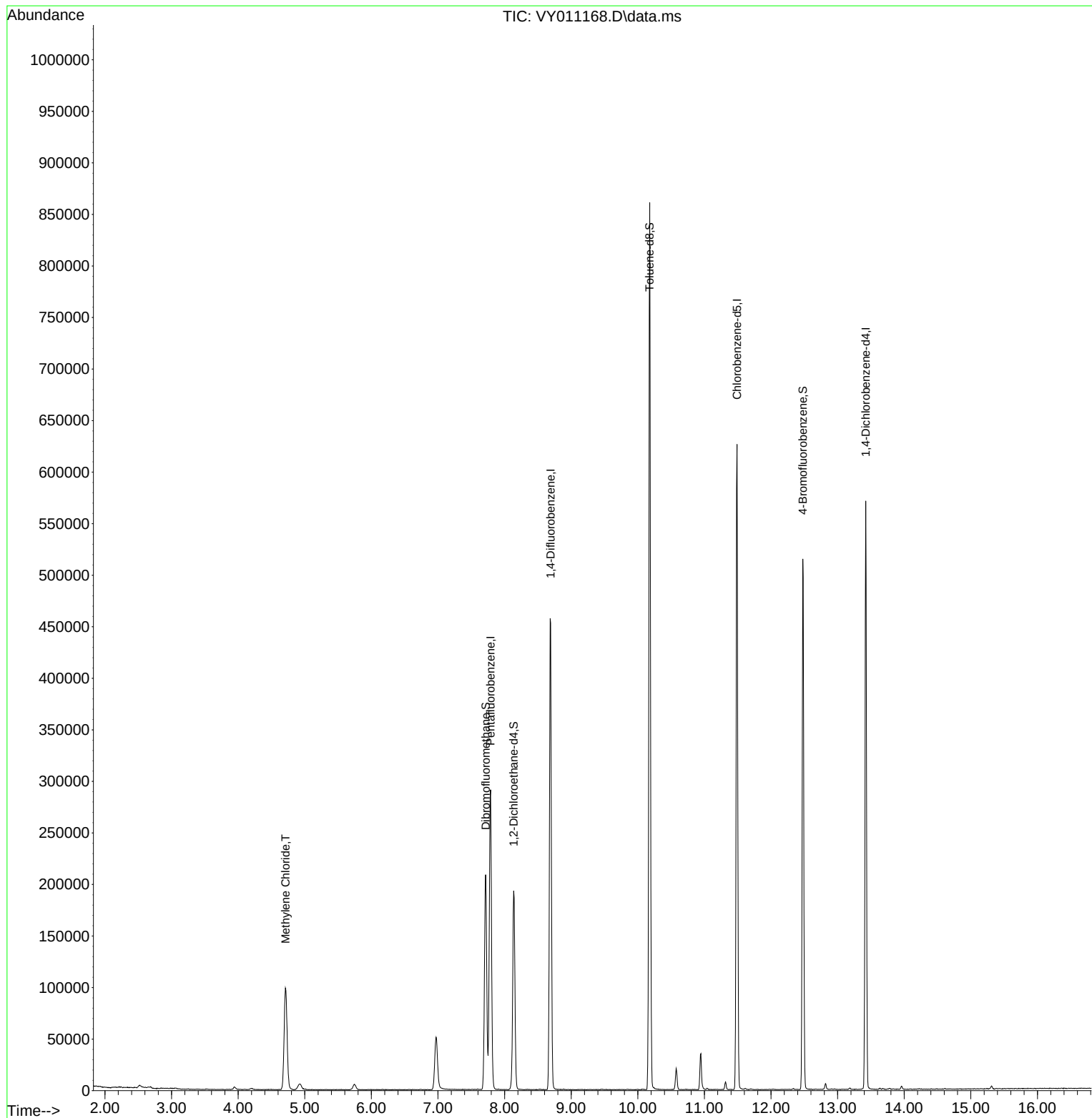
Internal Standards						
1) Pentafluorobenzene	7.789	168	230510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	403679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	148592	62.342	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 124.680%		
35) Dibromofluoromethane	7.715	113	150839	60.762	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 121.520%		
50) Toluene-d8	10.178	98	559418	56.882	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 113.760%		
62) 4-Bromofluorobenzene	12.477	95	161329	50.133	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 100.260%		
Target Compounds						
20) Methylene Chloride	4.710	84	80120	30.675	ug/l	Qvalue # 84

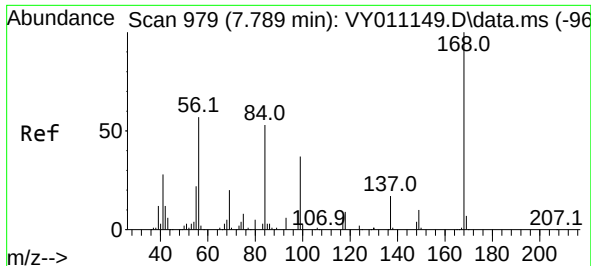
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
Data File : VY011168.D
Acq On : 28 Oct 2022 19:34
Operator : KP/MD
Sample : N5330-01
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-5-102722

Quant Time: Oct 28 23:47:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 23:42:14 2022
Response via : Initial Calibration

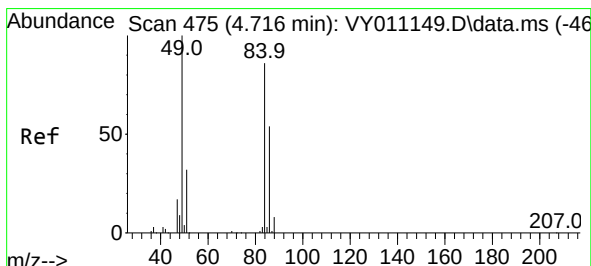
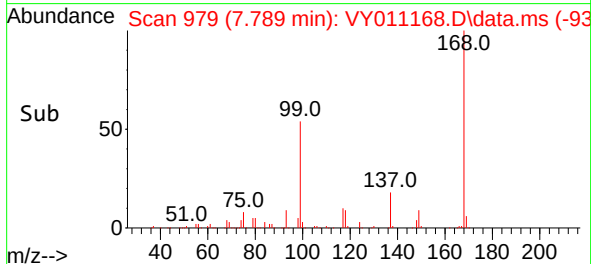
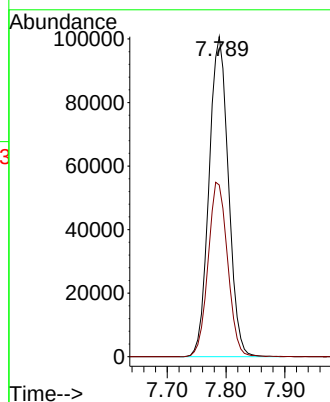
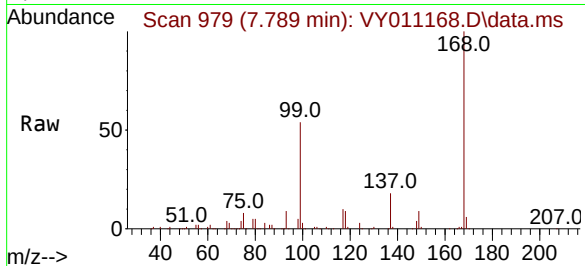




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011168.D
Acq: 28 Oct 2022 19:34

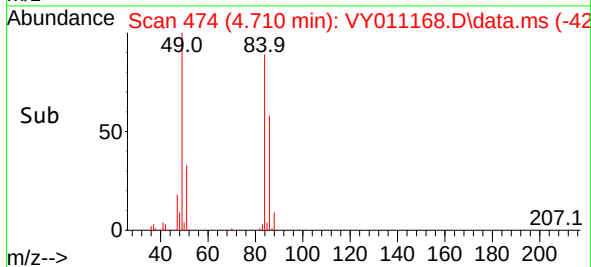
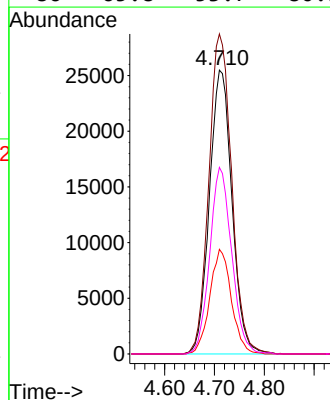
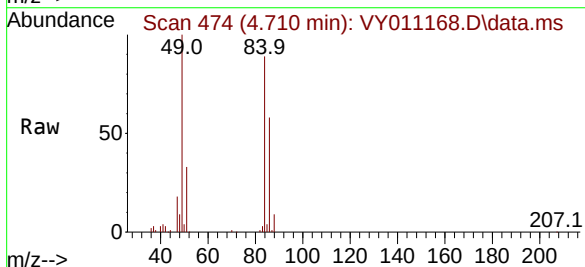
Instrument :
MSVOA_Y
ClientSampleId :
TR-5-102722

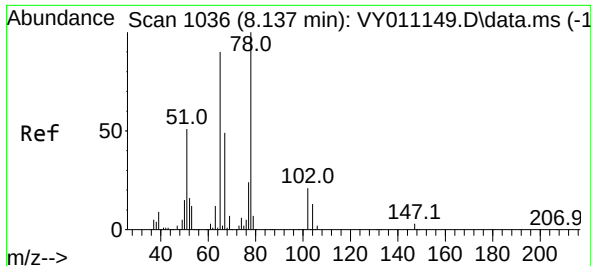
Tgt Ion:168 Resp: 230510
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#20
Methylene Chloride
Concen: 30.675 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011168.D
Acq: 28 Oct 2022 19:34

Tgt Ion: 84 Resp: 80120
Ion Ratio Lower Upper
84 100
49 112.7 114.4 171.6#
51 36.9 35.3 52.9
86 65.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 62.342 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY011168.D

Acq: 28 Oct 2022 19:34

Instrument :

MSVOA_Y

ClientSampleId :

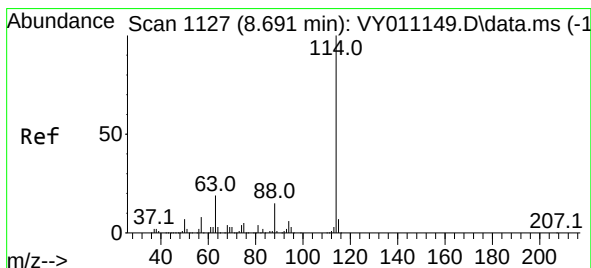
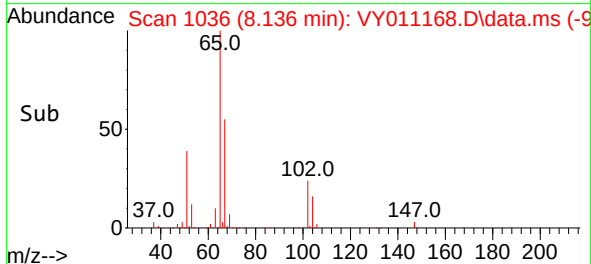
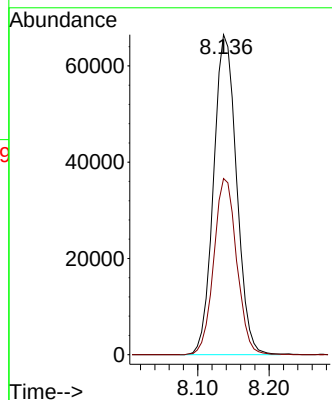
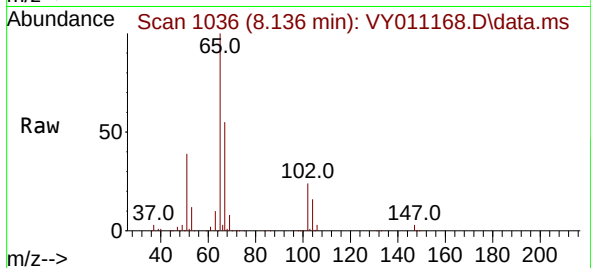
TR-5-102722

Tgt Ion: 65 Resp: 148592

Ion Ratio Lower Upper

65 100

67 54.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011168.D

Acq: 28 Oct 2022 19:34

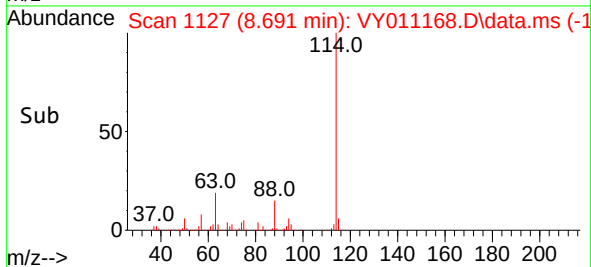
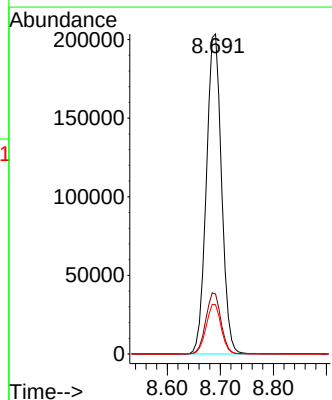
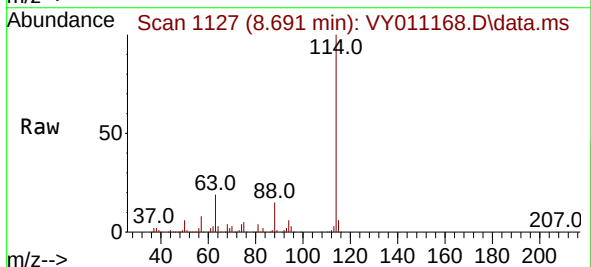
Tgt Ion: 114 Resp: 403679

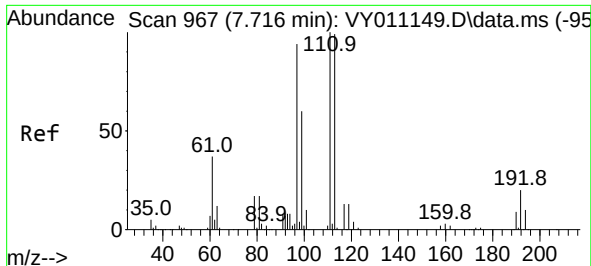
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.4 0.0 31.8

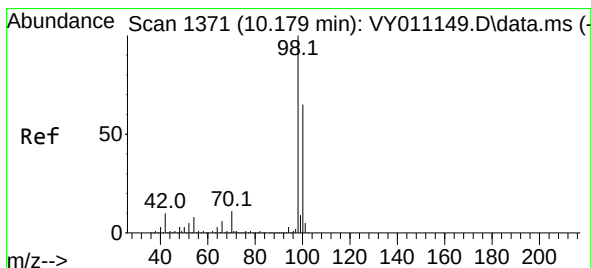
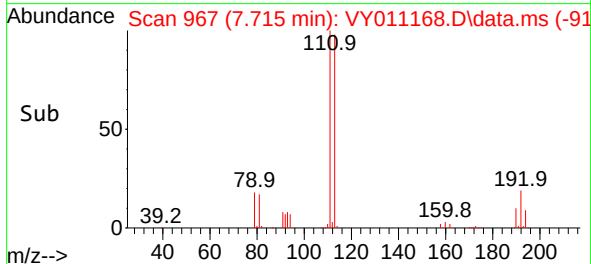
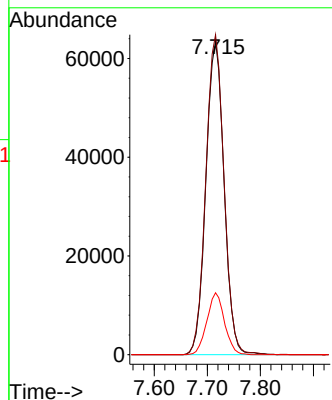
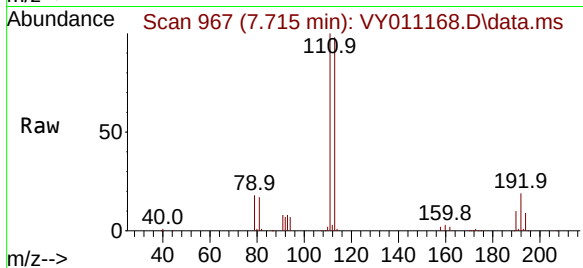




#35
 Dibromofluoromethane
 Concen: 60.762 ug/l
 RT: 7.715 min Scan# 90
 Delta R.T. -0.001 min
 Lab File: VY011168.D
 Acq: 28 Oct 2022 19:34

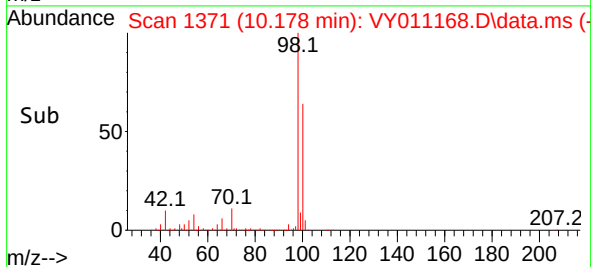
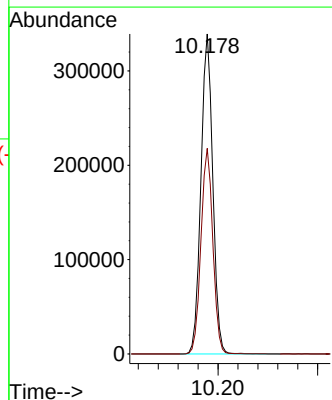
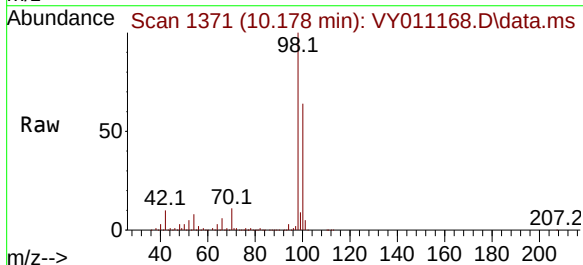
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-5-102722

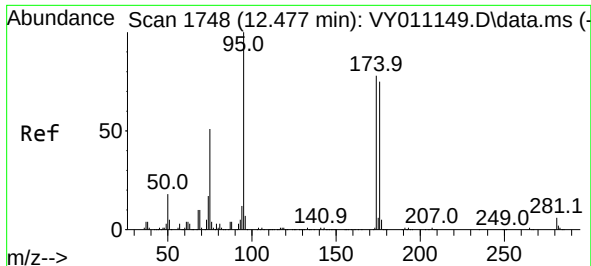
Tgt Ion:113 Resp: 150839
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 124.0
 192 19.2 17.6 26.4



#50
 Toluene-d8
 Concen: 56.882 ug/l
 RT: 10.178 min Scan# 1371
 Delta R.T. -0.001 min
 Lab File: VY011168.D
 Acq: 28 Oct 2022 19:34

Tgt Ion: 98 Resp: 559418
 Ion Ratio Lower Upper
 98 100
 100 64.4 50.2 75.2

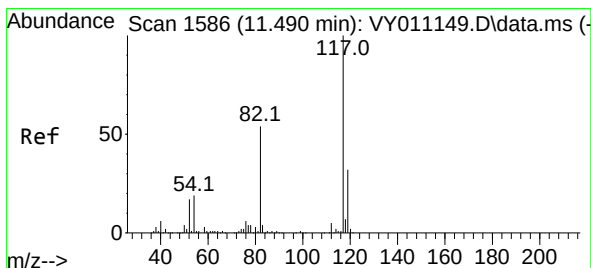
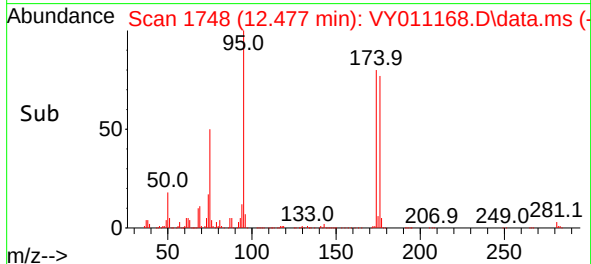
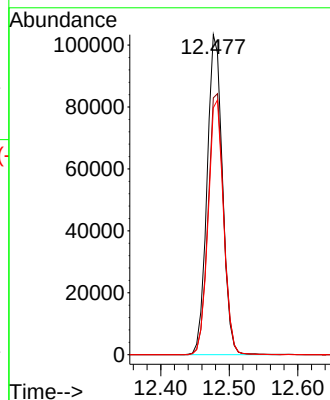
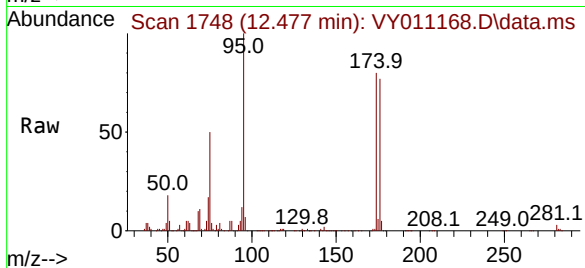




#62
4-Bromofluorobenzene
Concen: 50.133 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY011168.D
Acq: 28 Oct 2022 19:34

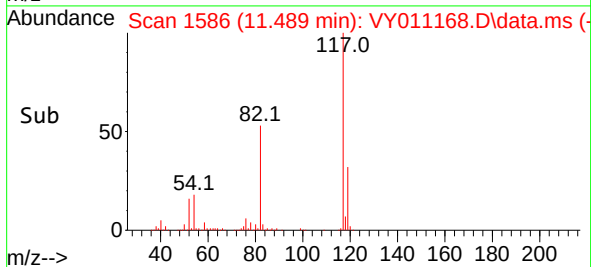
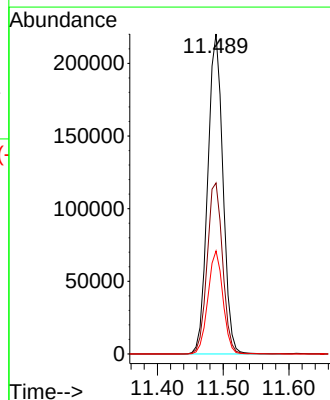
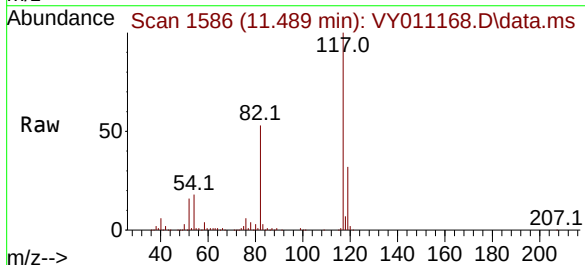
Instrument :
MSVOA_Y
ClientSampleId :
TR-5-102722

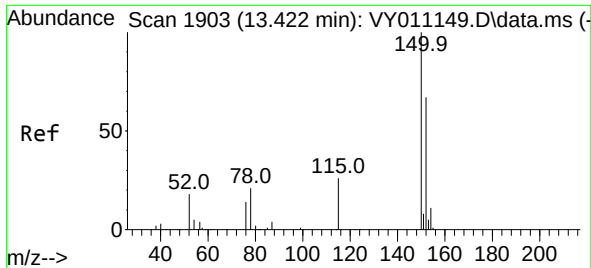
Tgt Ion: 95 Resp: 161329
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 79.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011168.D
Acq: 28 Oct 2022 19:34

Tgt Ion: 117 Resp: 354747
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.2 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: VY011168.D

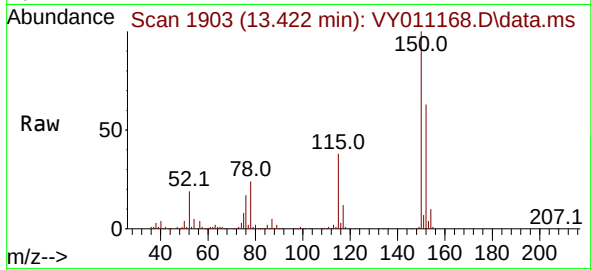
Acq: 28 Oct 2022 19:34

Instrument :

MSVOA_Y

ClientSampleId :

TR-5-102722



Tgt Ion:152 Resp: 146743

Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 159.0 0.0 347.6

