

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011139.D
 Acq On : 27 Oct 2022 15:19
 Operator : KP/MD
 Sample : N5281-09
 Misc : 3.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9

Quant Time: Oct 28 00:47:13 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)

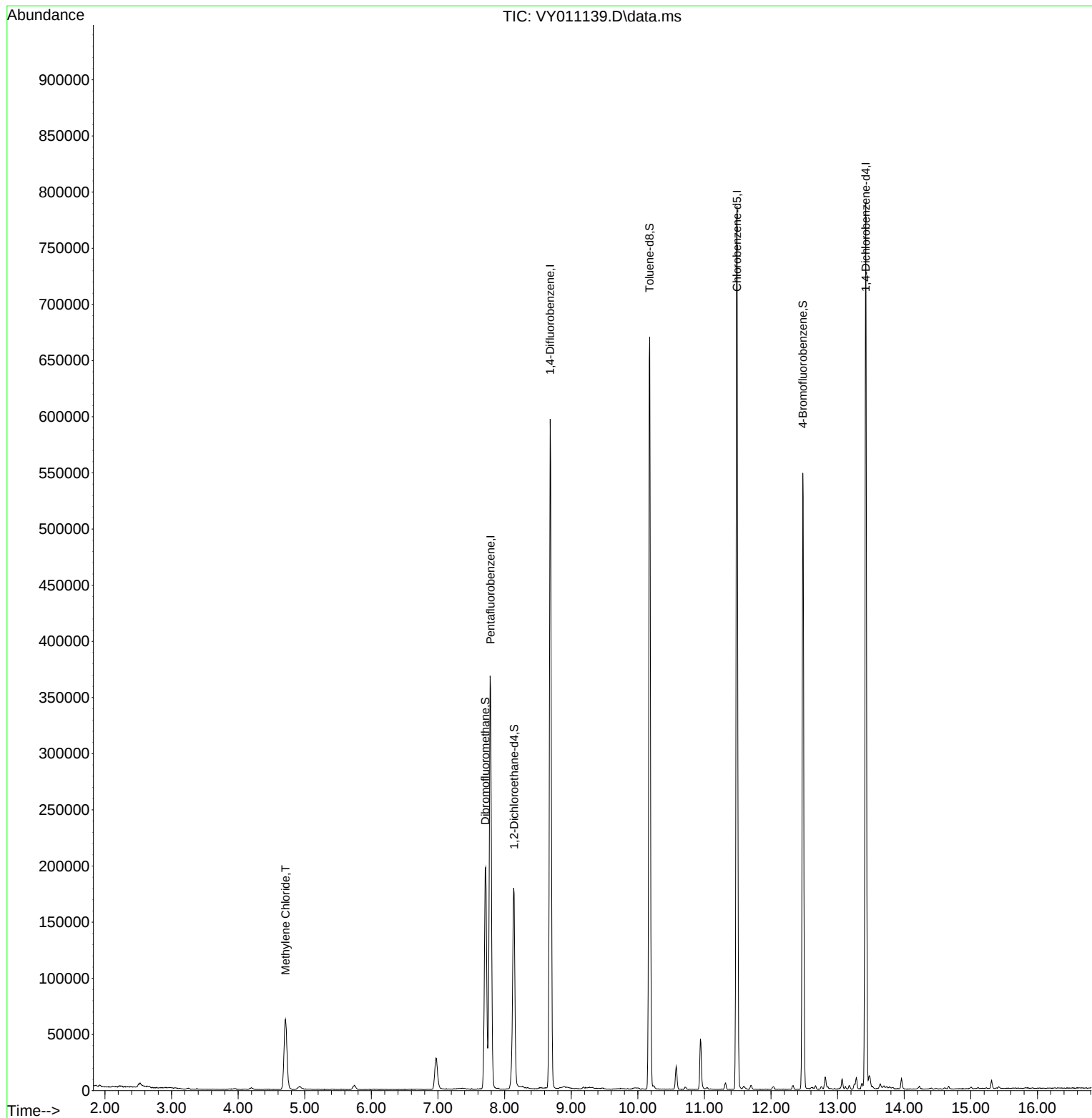
Internal Standards						
1) Pentafluorobenzene	7.789	168	284464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	503964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	446783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	202774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	131913	50.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.680%	
35) Dibromofluoromethane	7.710	113	144909	51.654	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.300%	
50) Toluene-d8	10.179	98	455654	43.302	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.600%	
62) 4-Bromofluorobenzene	12.477	95	168983	45.029	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.060%	
Target Compounds						
20) Methylene Chloride	4.710	84	50548	10.216	ug/l	Qvalue # 81

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
Data File : VY011139.D
Acq On : 27 Oct 2022 15:19
Operator : KP/MD
Sample : N5281-09
Misc : 3.83g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-9

Quant Time: Oct 28 00:47:13 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

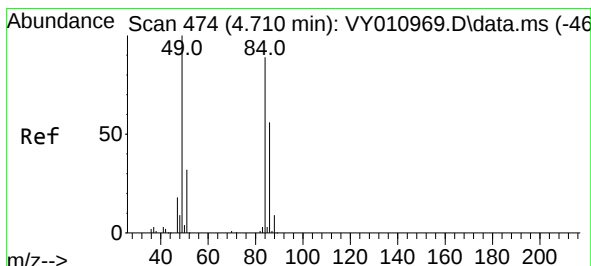
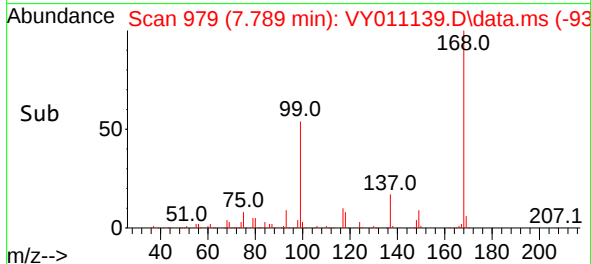
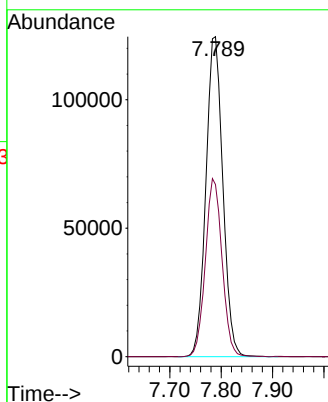
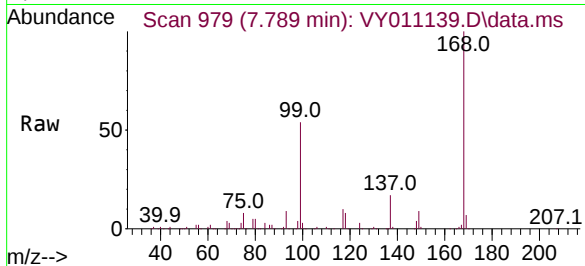




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

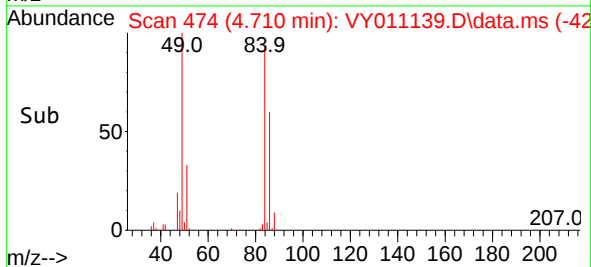
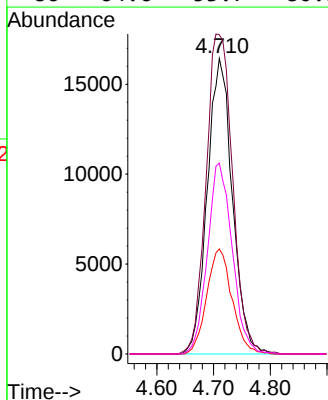
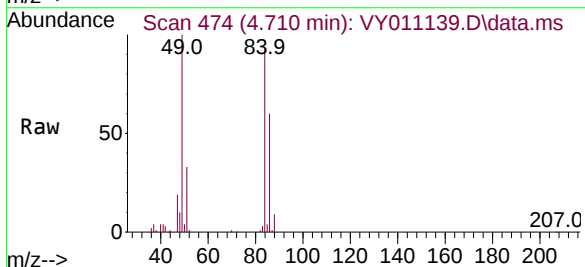
Instrument :
MSVOA_Y
ClientSampleId :
SB-9

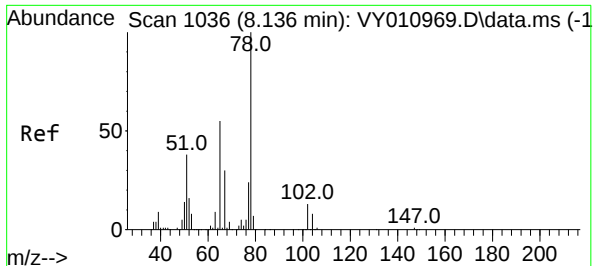
Tgt Ion:168 Resp: 284464
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#20
Methylene Chloride
Concen: 10.216 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

Tgt Ion: 84 Resp: 50548
Ion Ratio Lower Upper
84 100
49 108.0 114.4 171.6#
51 35.5 35.3 52.9
86 64.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 50.342 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY011139.D

Acq: 27 Oct 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

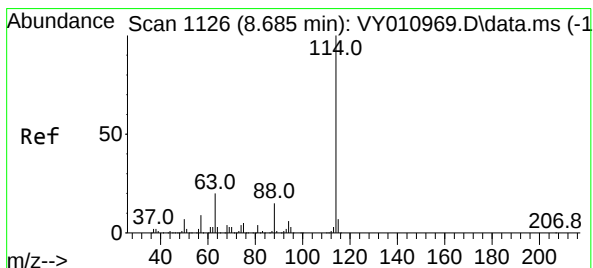
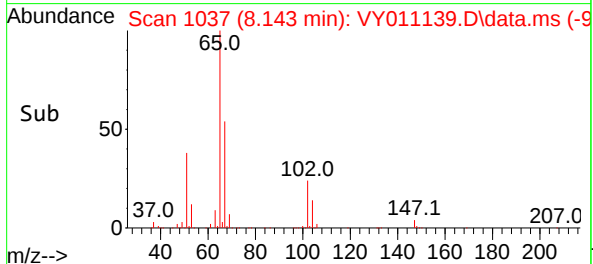
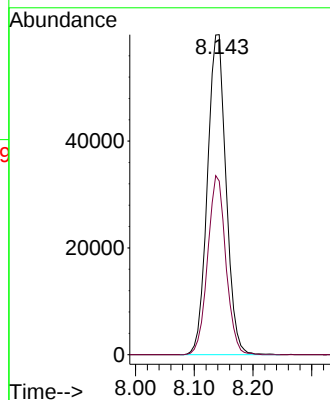
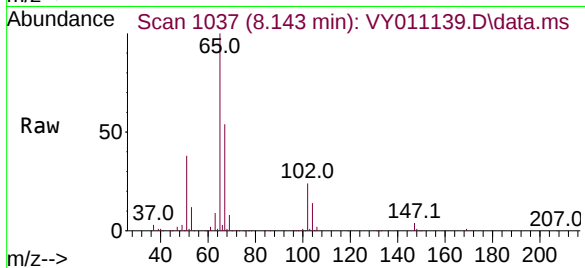
SB-9

Tgt Ion: 65 Resp: 131913

Ion Ratio Lower Upper

65 100

67 54.7 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: VY011139.D

Acq: 27 Oct 2022 15:19

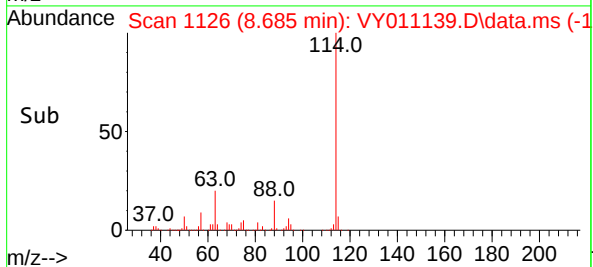
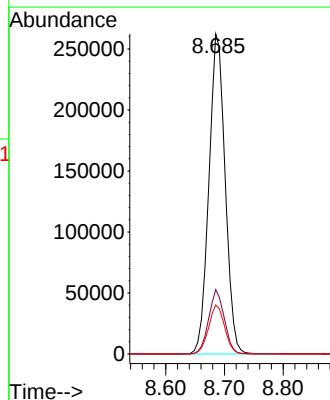
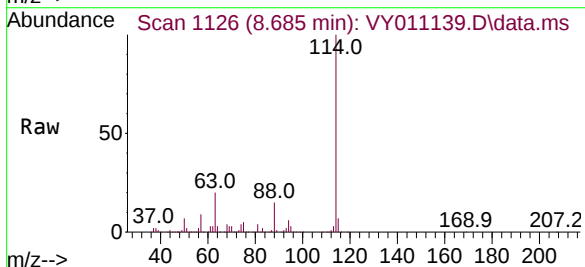
Tgt Ion: 114 Resp: 503964

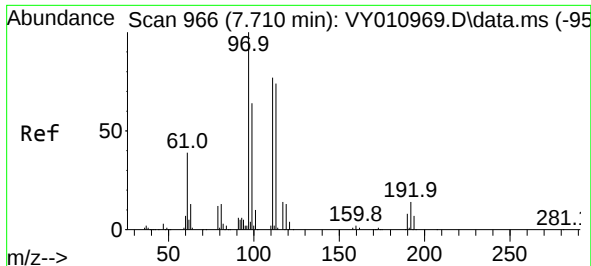
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.3 0.0 31.8

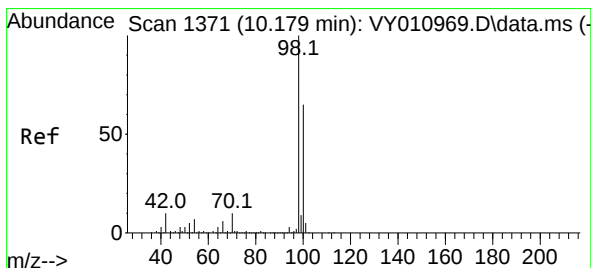
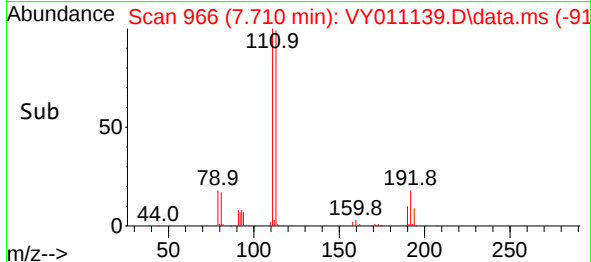
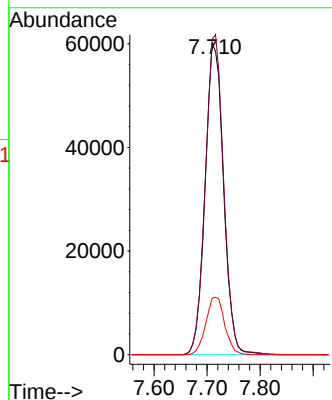
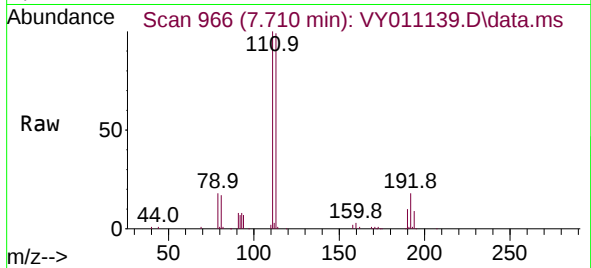




#35
Dibromofluoromethane
Concen: 51.654 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

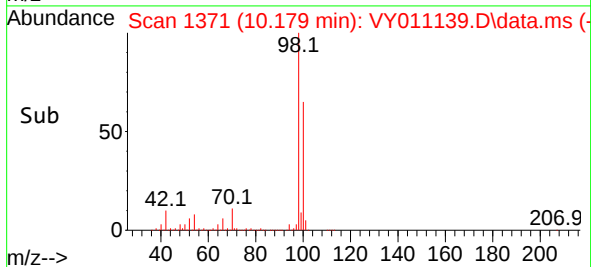
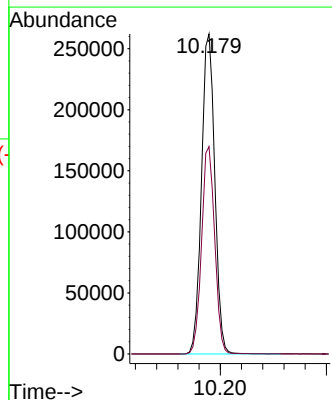
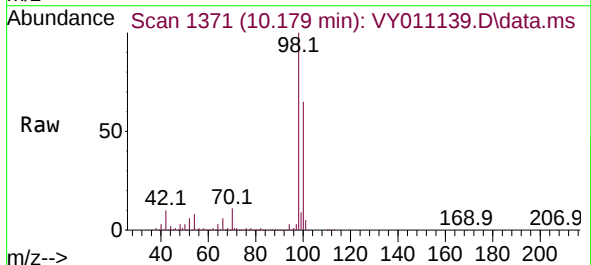
Instrument :
MSVOA_Y
ClientSampleId :
SB-9

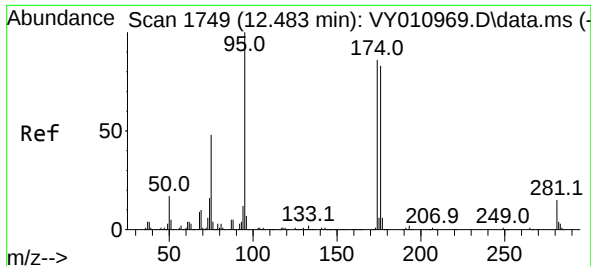
Tgt Ion:113 Resp: 144909
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.9 17.6 26.4



#50
Toluene-d8
Concen: 43.302 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

Tgt Ion: 98 Resp: 455654
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 45.029 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011139.D

Acq: 27 Oct 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

SB-9

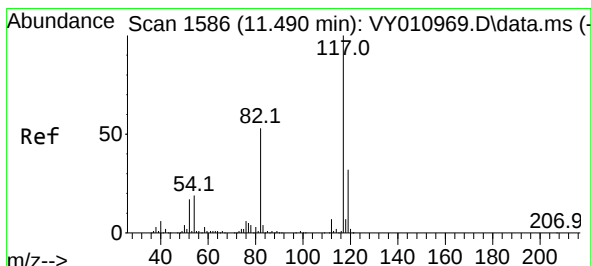
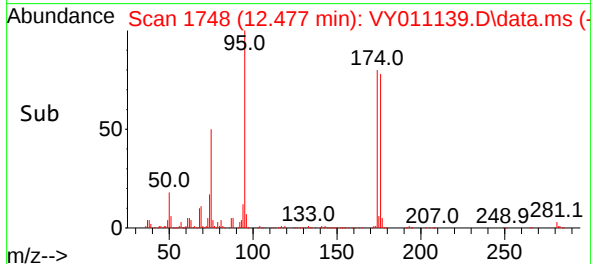
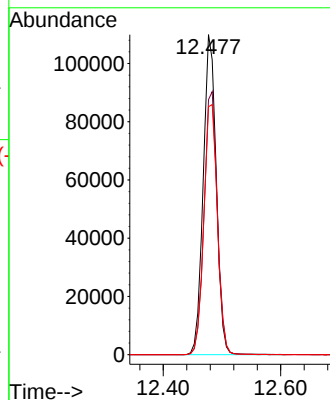
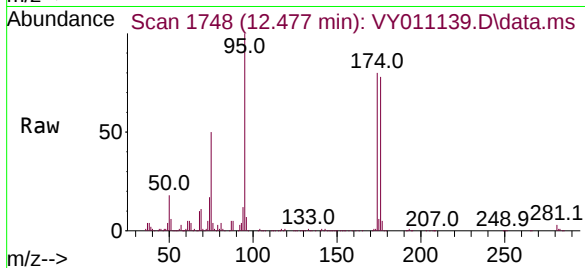
Tgt Ion: 95 Resp: 168983

Ion Ratio Lower Upper

95 100

174 83.8 0.0 177.0

176 81.3 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: VY011139.D

Acq: 27 Oct 2022 15:19

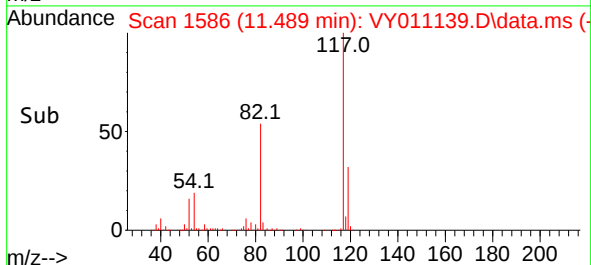
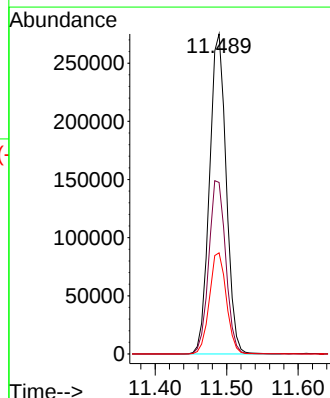
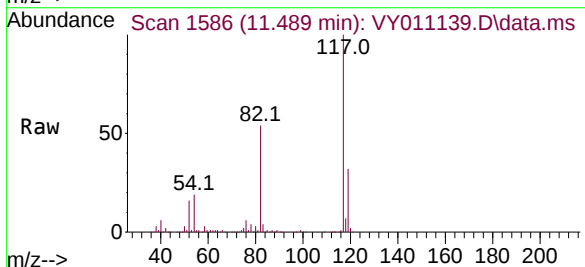
Tgt Ion: 117 Resp: 446783

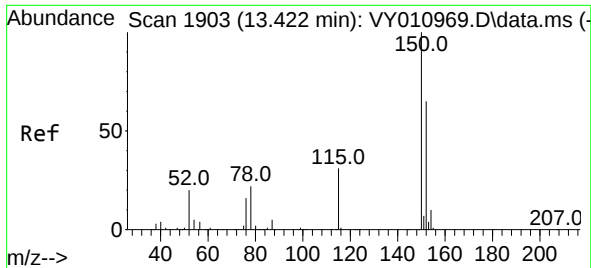
Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

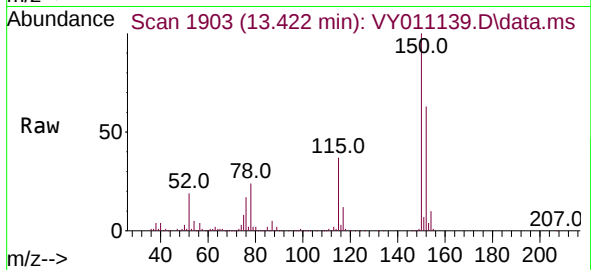
119 31.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011139.D
 Acq: 27 Oct 2022 15:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9



Tgt Ion:152 Resp: 202774

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.7
150	158.0	0.0	347.6

