

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011508.D
 Acq On : 18 Nov 2022 17:47
 Operator : KP/MD
 Sample : N5696-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-1-111722

Quant Time: Nov 19 22:41:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

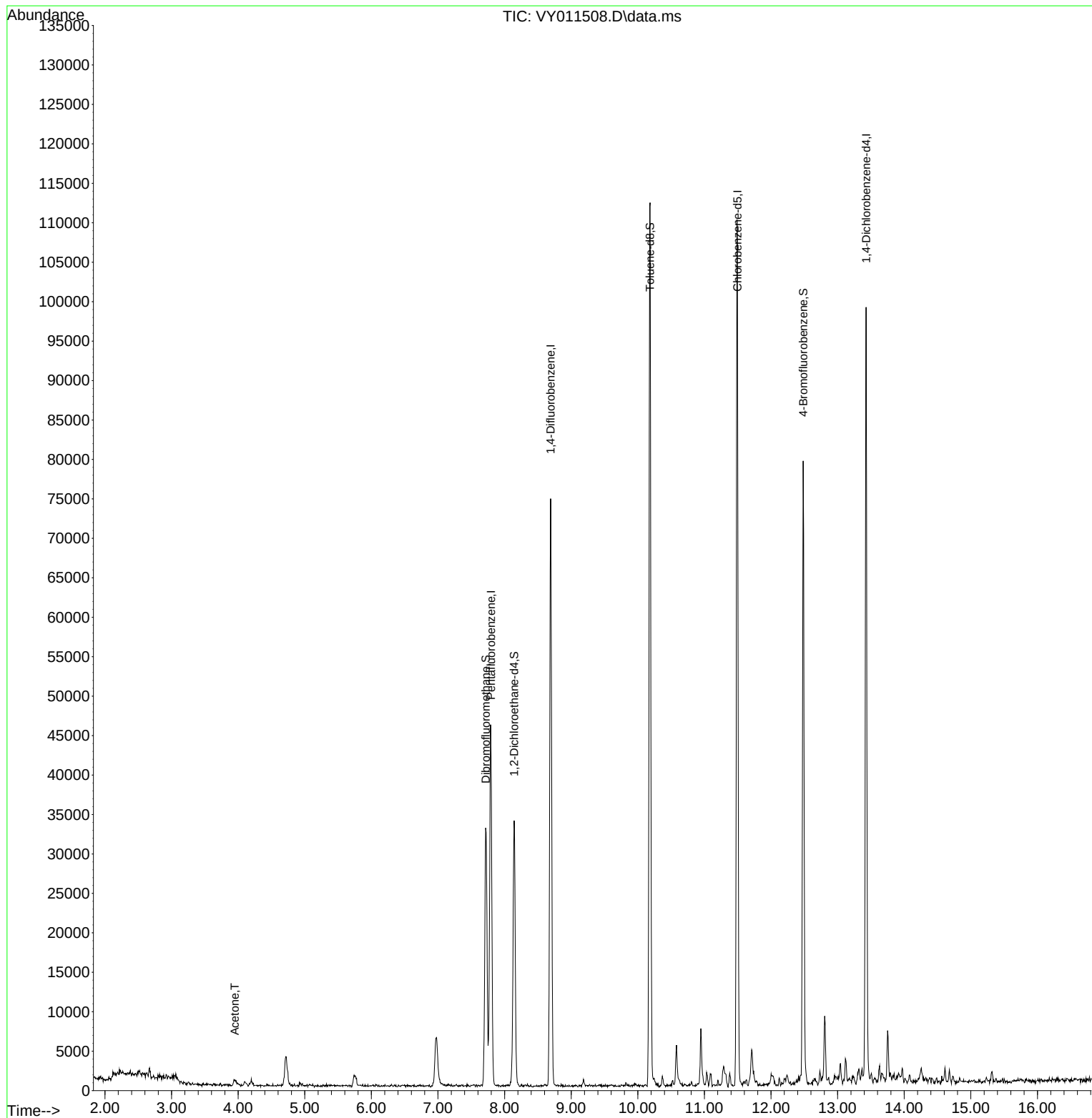
Internal Standards						
1) Pentafluorobenzene	7.795	168	35290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	61779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	60293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	26040	72.670	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.340%
35) Dibromofluoromethane	7.716	113	23294	61.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.500%
50) Toluene-d8	10.185	98	75571	54.682	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.360%
62) 4-Bromofluorobenzene	12.483	95	23031	45.073	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.140%
Target Compounds						
16) Acetone	3.948	43	1515	13.016	ug/l	Qvalue 91

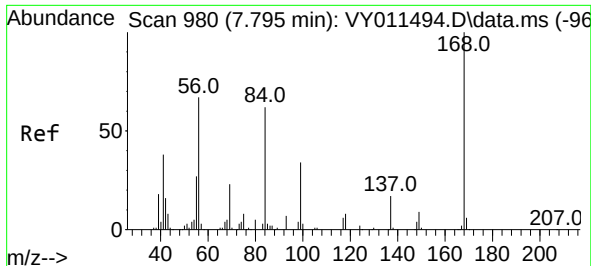
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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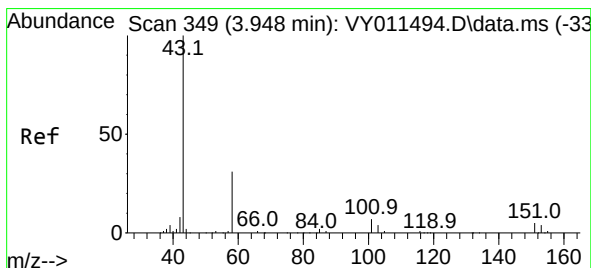
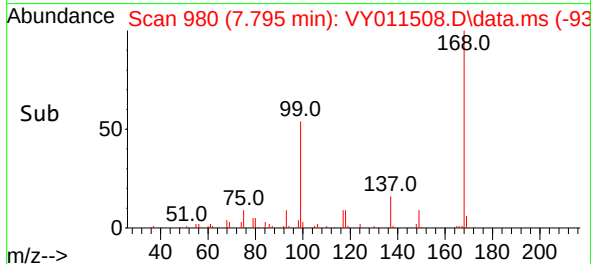
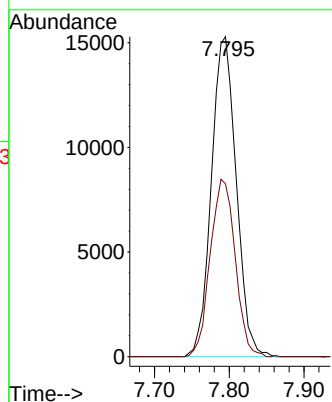
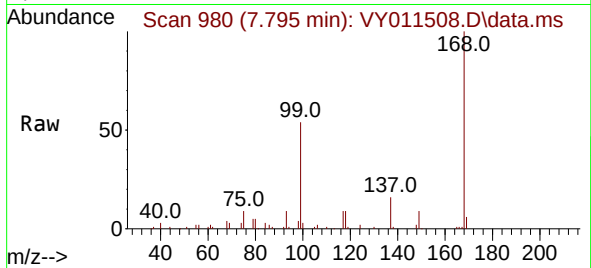




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011508.D
Acq: 18 Nov 2022 17:47

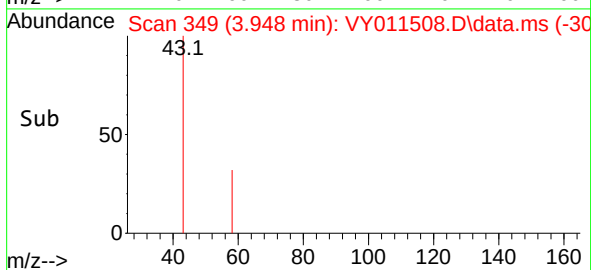
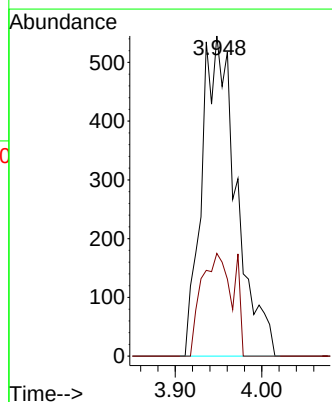
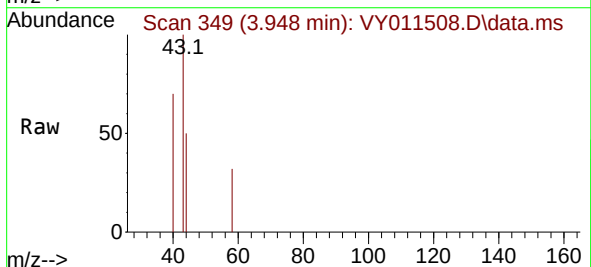
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-111722

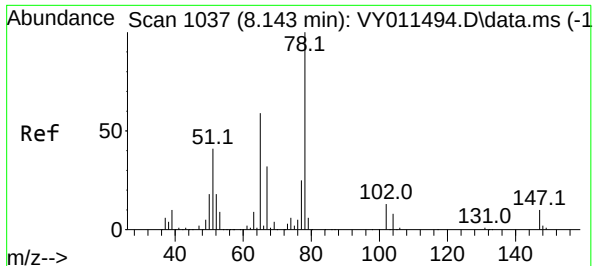
Tgt Ion:168 Resp: 35290
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#16
Acetone
Concen: 13.016 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011508.D
Acq: 18 Nov 2022 17:47

Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
58 32.1 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 72.670 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011508.D

Acq: 18 Nov 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

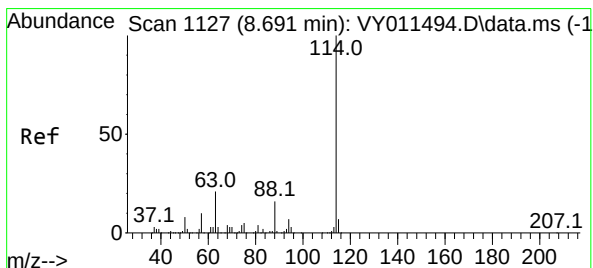
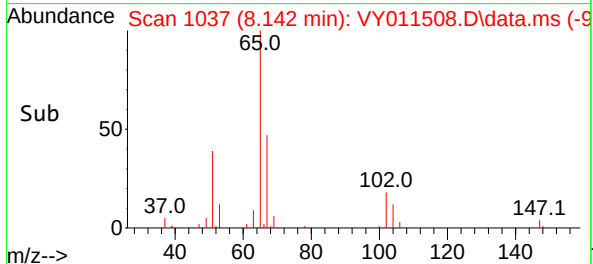
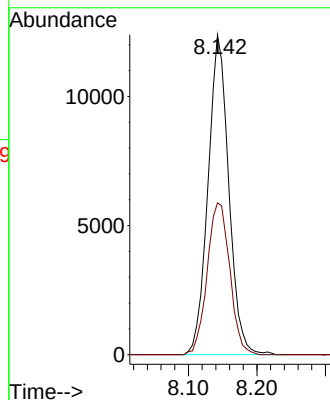
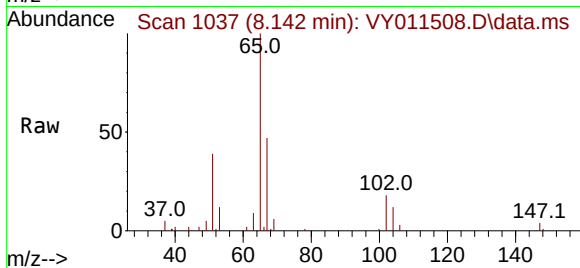
EO-1-111722

Tgt Ion: 65 Resp: 26040

Ion Ratio Lower Upper

65 100

67 51.7 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: VY011508.D

Acq: 18 Nov 2022 17:47

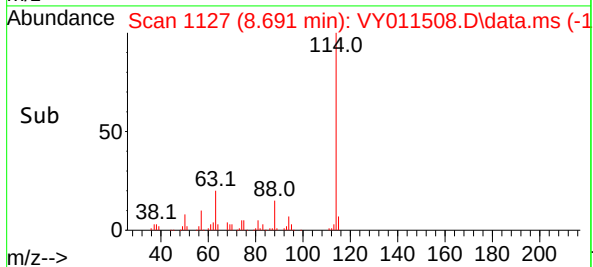
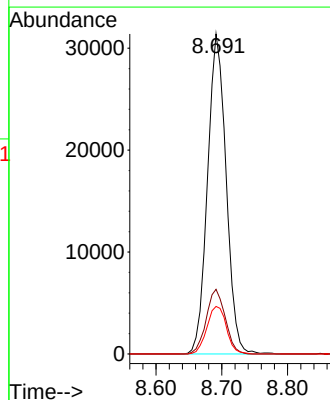
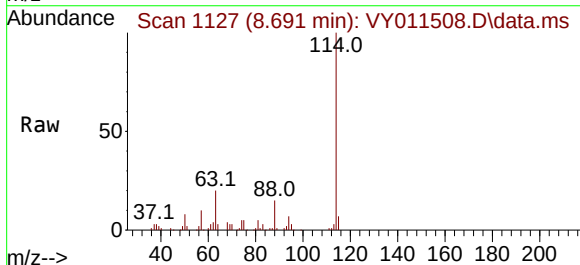
Tgt Ion: 114 Resp: 61779

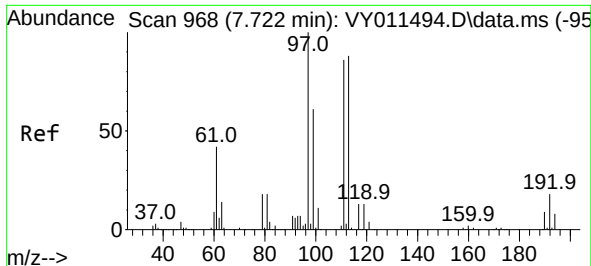
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 14.9 0.0 31.8

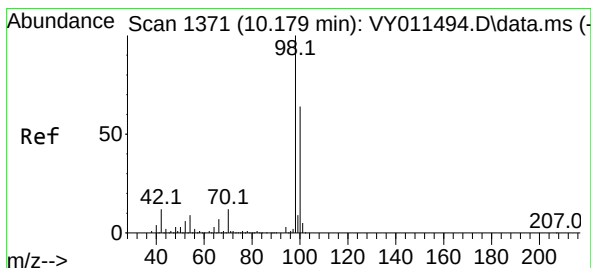
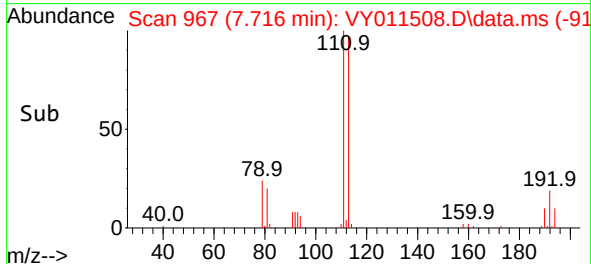
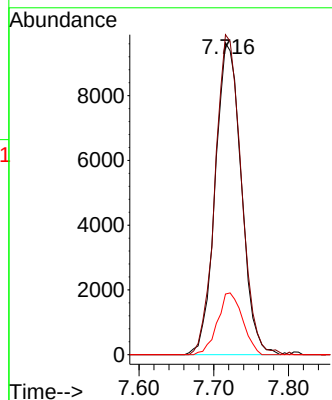
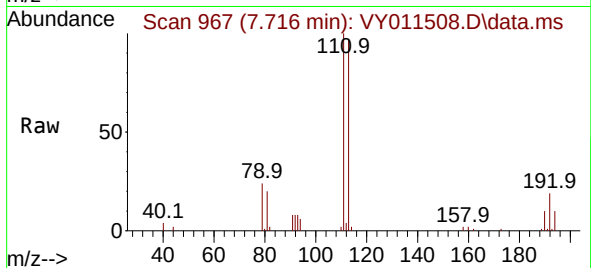




#35
Dibromofluoromethane
Concen: 61.250 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011508.D
Acq: 18 Nov 2022 17:47

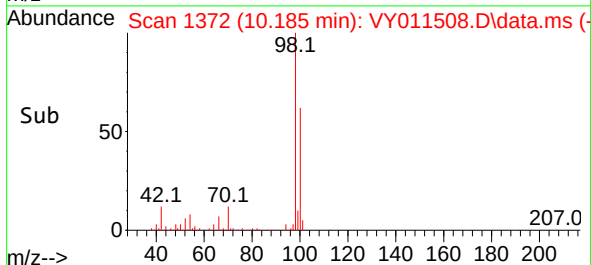
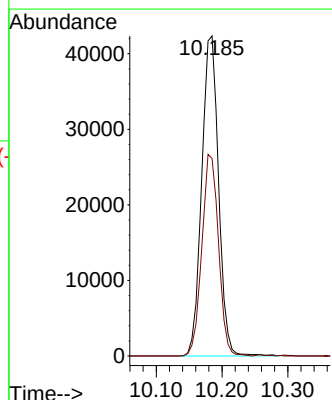
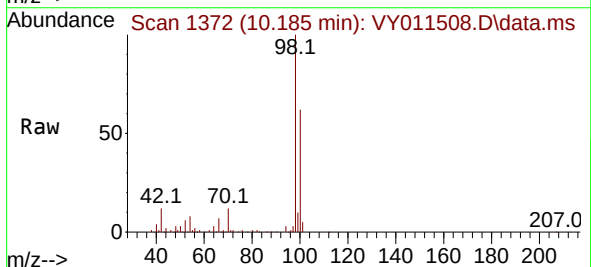
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-111722

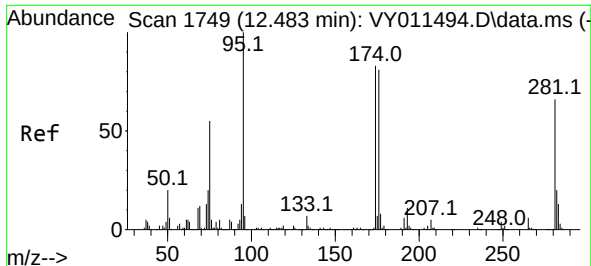
Tgt Ion:113 Resp: 23294
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.1 17.6 26.4



#50
Toluene-d8
Concen: 54.682 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011508.D
Acq: 18 Nov 2022 17:47

Tgt Ion: 98 Resp: 75571
Ion Ratio Lower Upper
98 100
100 62.1 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 45.073 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011508.D

Acq: 18 Nov 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

EO-1-111722

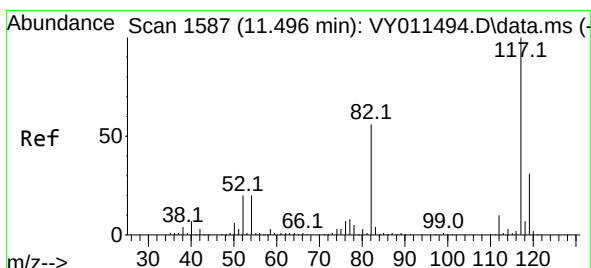
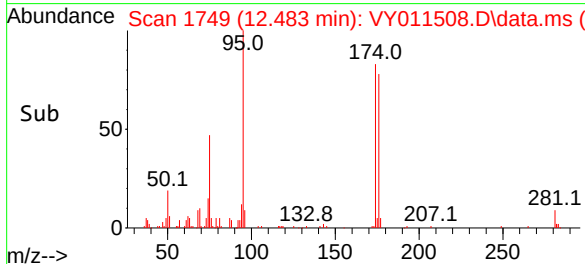
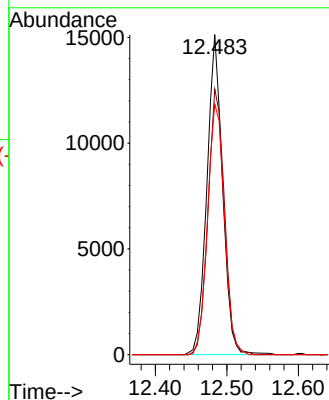
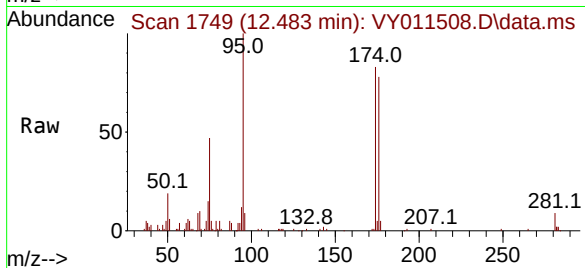
Tgt Ion: 95 Resp: 23031

Ion Ratio Lower Upper

95 100

174 86.9 0.0 177.0

176 84.3 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 1587

Delta R.T. -0.001 min

Lab File: VY011508.D

Acq: 18 Nov 2022 17:47

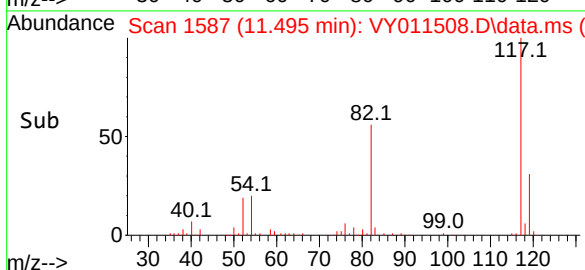
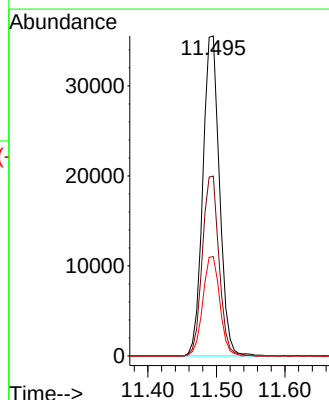
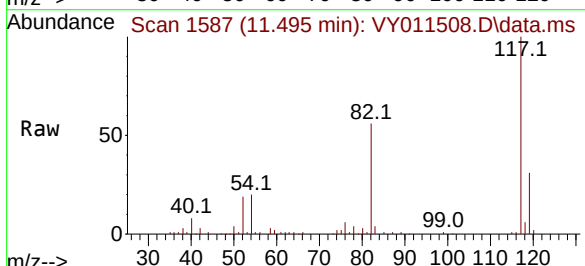
Tgt Ion: 117 Resp: 60293

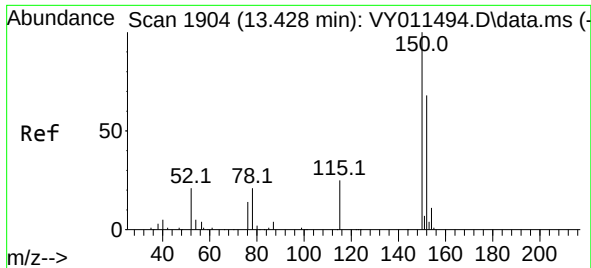
Ion Ratio Lower Upper

117 100

82 56.2 43.0 64.4

119 31.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011508.D
 Acq: 18 Nov 2022 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-1-111722

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.2	84.7
150	162.6	0.0	347.6

