

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014755.D
 Acq On : 21 Jul 2023 18:29
 Operator : SY/MD
 Sample : 03706-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P20A

Quant Time: Jul 22 05:40:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

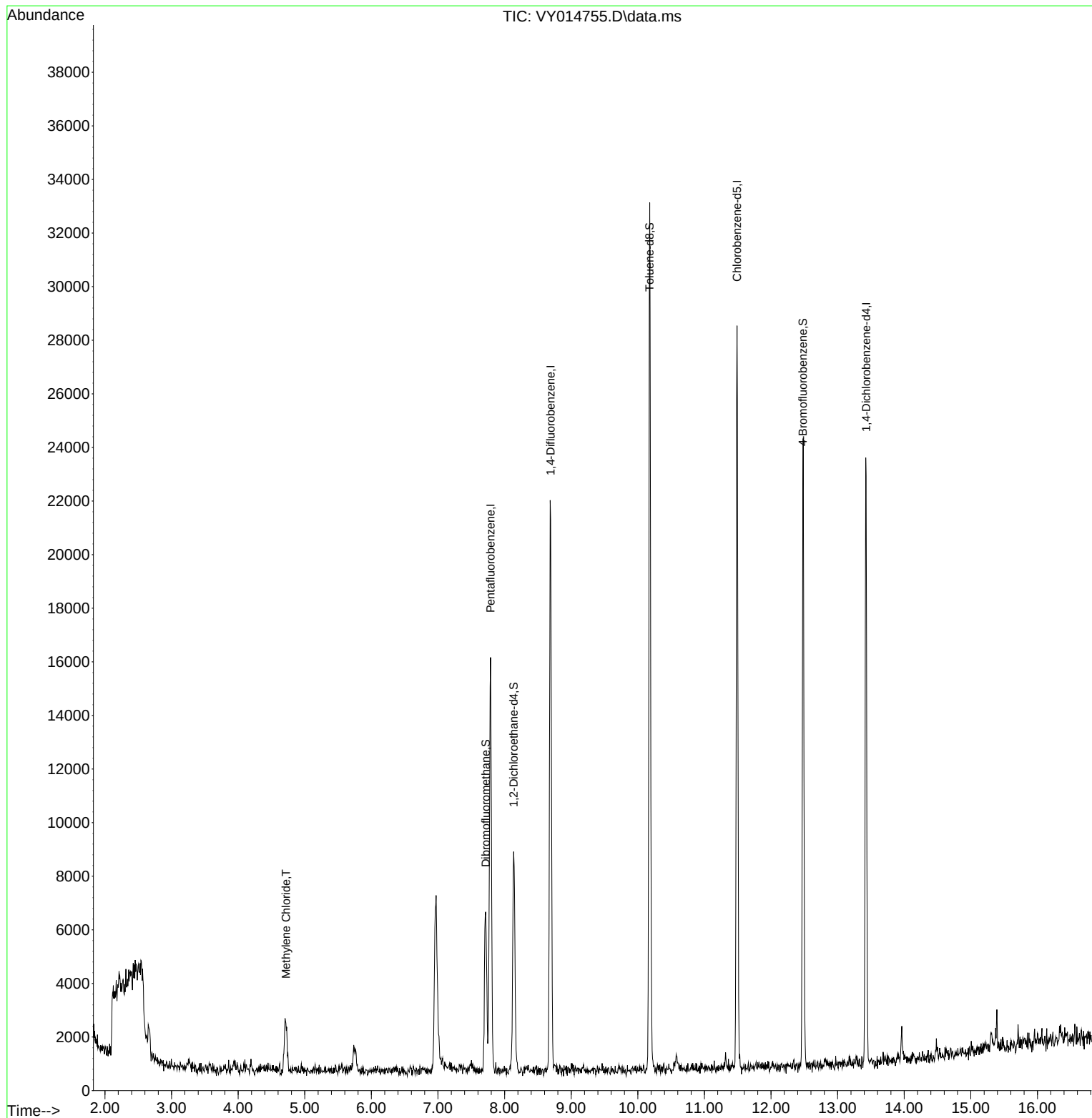
Internal Standards						
1) Pentafluorobenzene	7.789	168	11924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	18795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	16032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6511	47.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.840%
35) Dibromofluoromethane	7.715	113	4236	35.405	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.800%
50) Toluene-d8	10.178	98	21810	49.444	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.477	95	6949	41.085	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.180%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	1390	6.242	ug/l #	71

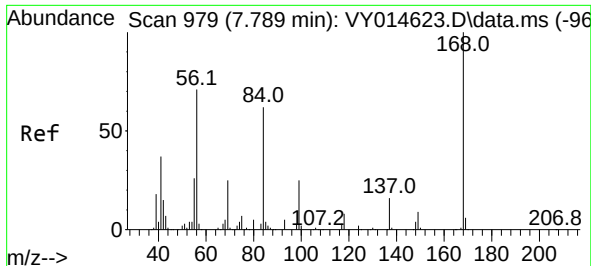
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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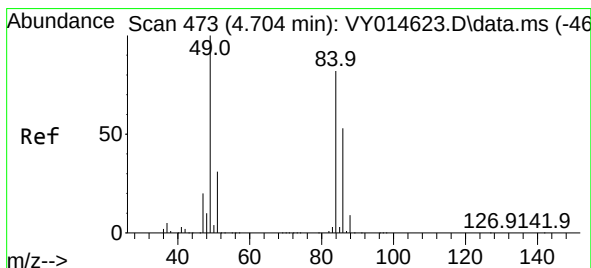
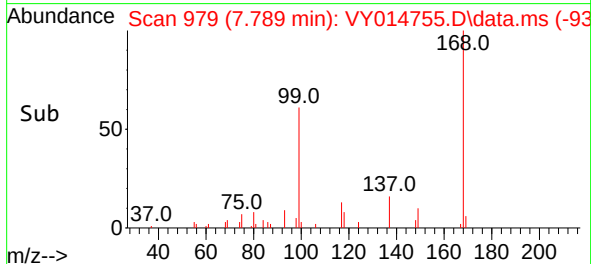
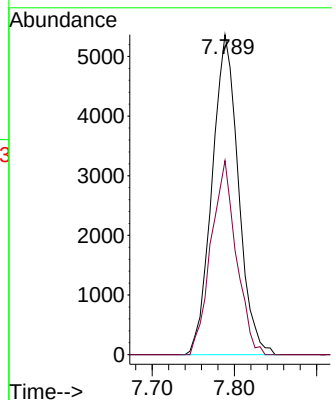
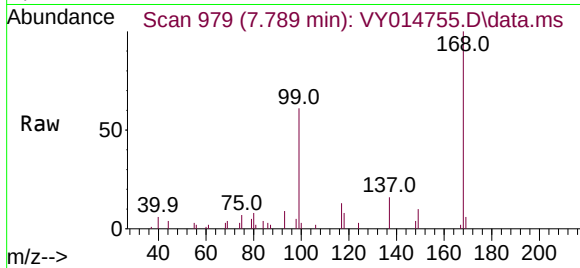




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014755.D
Acq: 21 Jul 2023 18:29

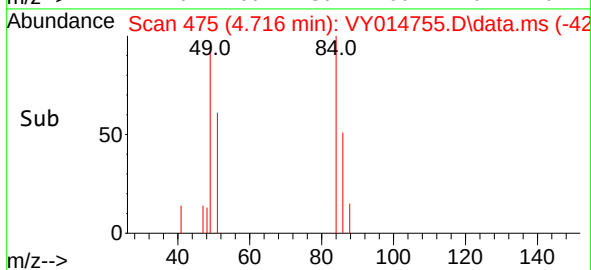
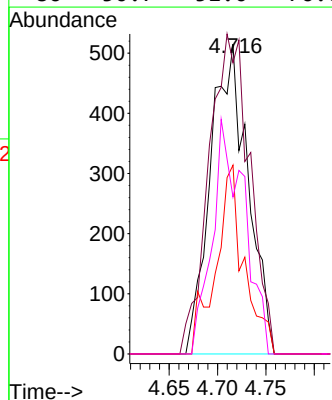
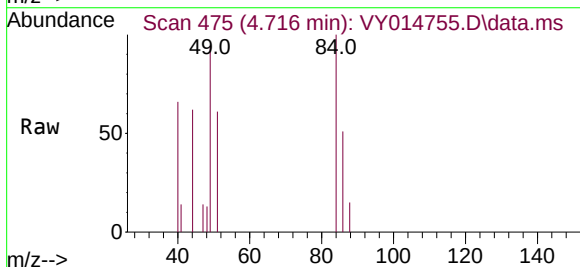
Instrument :
MSVOA_Y
ClientSampleId :
B-P20A

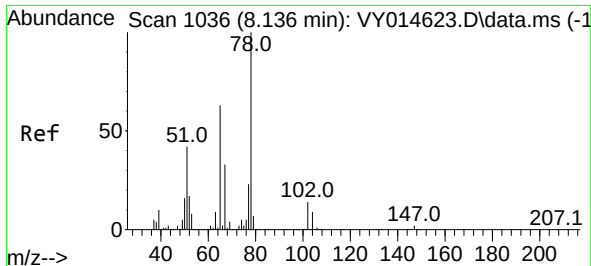
Tgt Ion:168 Resp: 11924
Ion Ratio Lower Upper
168 100
99 60.7 43.4 65.0



#20
Methylene Chloride
Concen: 6.242 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY014755.D
Acq: 21 Jul 2023 18:29

Tgt Ion: 84 Resp: 1390
Ion Ratio Lower Upper
84 100
49 94.0 106.9 160.3#
51 61.0 33.2 49.8#
86 50.7 51.0 76.6#





#33

1,2-Dichloroethane-d4

Concen: 47.918 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014755.D

Acq: 21 Jul 2023 18:29

Instrument :

MSVOA_Y

ClientSampleId :

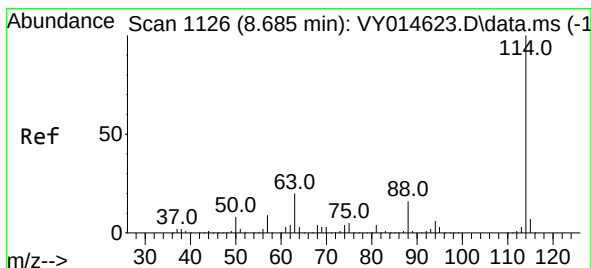
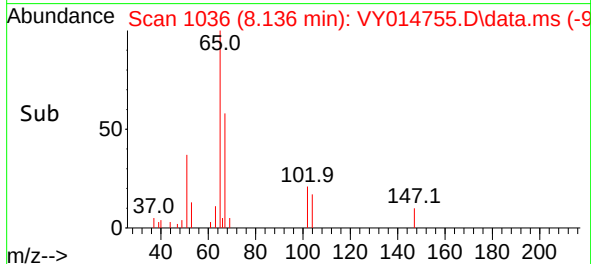
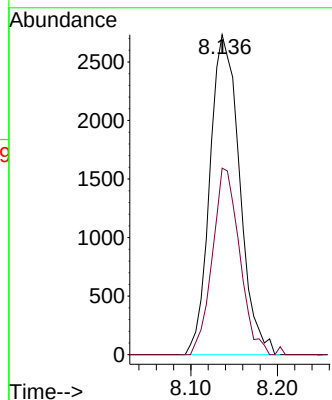
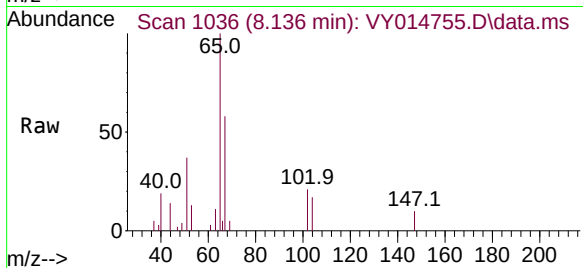
B-P20A

Tgt Ion: 65 Resp: 6511

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014755.D

Acq: 21 Jul 2023 18:29

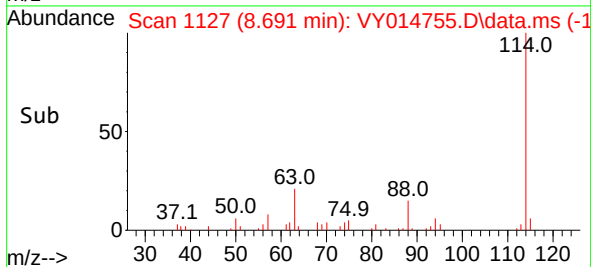
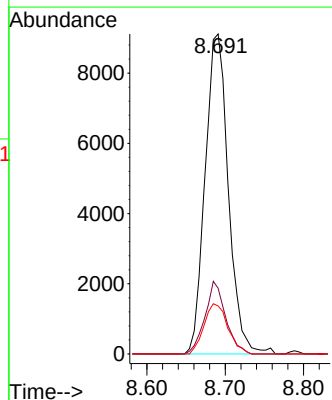
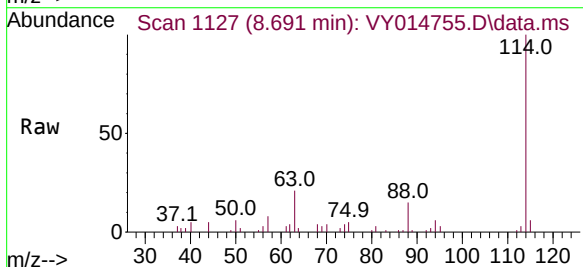
Tgt Ion: 114 Resp: 18795

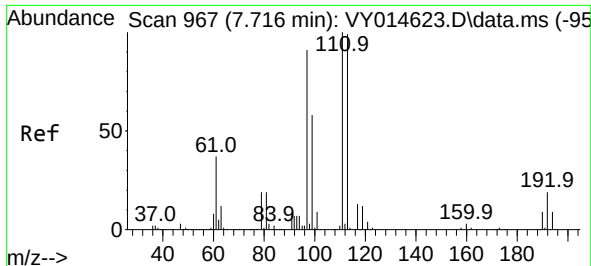
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 15.0 0.0 30.6

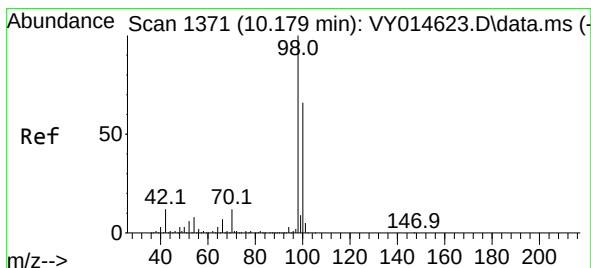
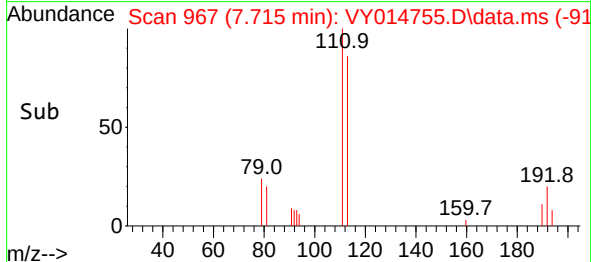
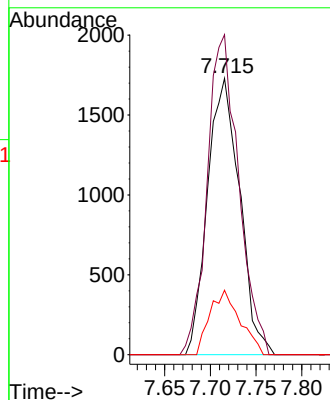
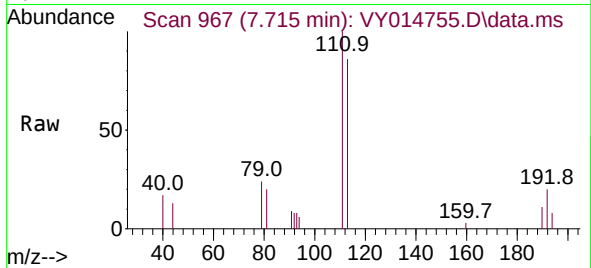




#35
Dibromofluoromethane
Concen: 35.405 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY014755.D
Acq: 21 Jul 2023 18:29

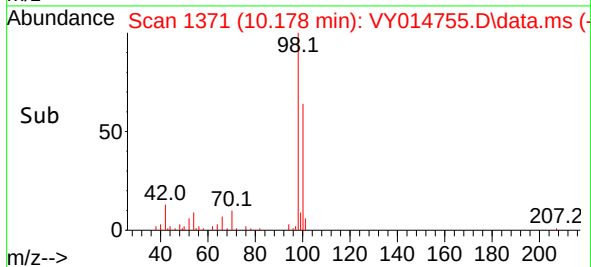
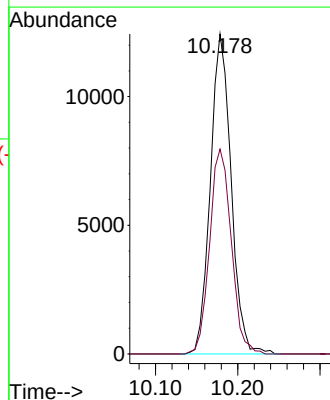
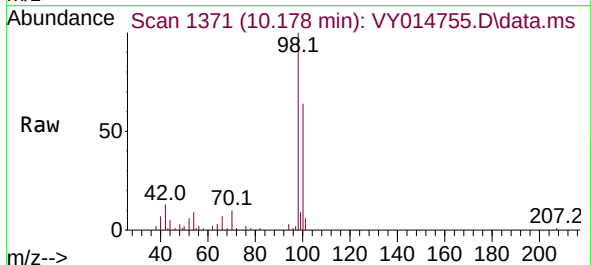
Instrument :
MSVOA_Y
ClientSampleId :
B-P20A

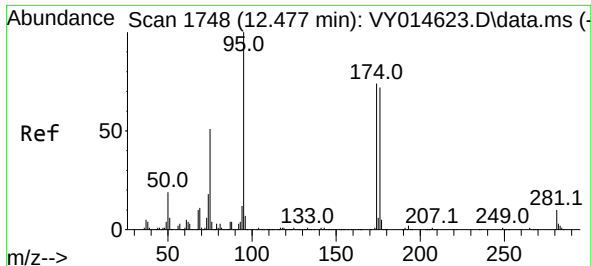
Tgt Ion:113 Resp: 4236
Ion Ratio Lower Upper
113 100
111 112.9 81.3 121.9
192 21.8 16.9 25.3



#50
Toluene-d8
Concen: 49.444 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY014755.D
Acq: 21 Jul 2023 18:29

Tgt Ion: 98 Resp: 21810
Ion Ratio Lower Upper
98 100
100 66.7 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 41.085 ug/l

RT: 12.477 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014755.D

Acq: 21 Jul 2023 18:29

Instrument :

MSVOA_Y

ClientSampleId :

B-P20A

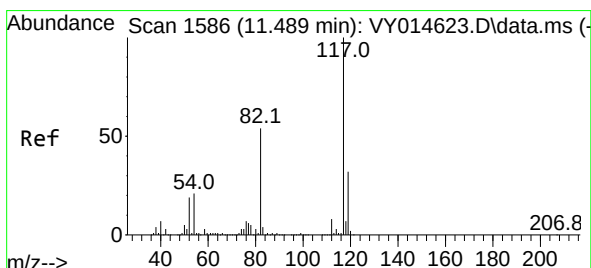
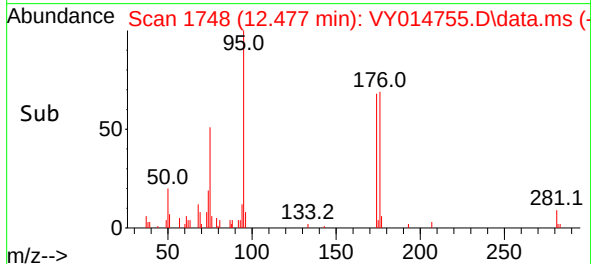
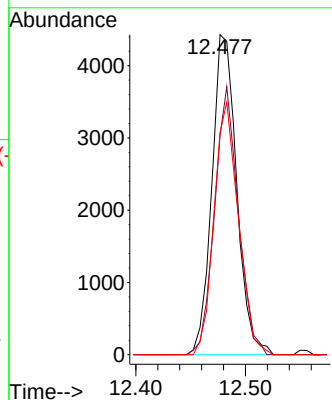
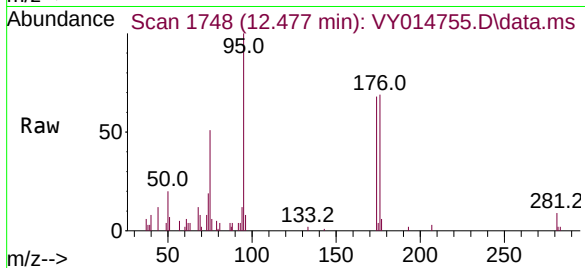
Tgt Ion: 95 Resp: 6949

Ion Ratio Lower Upper

95 100

174 80.3 0.0 178.2

176 77.7 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014755.D

Acq: 21 Jul 2023 18:29

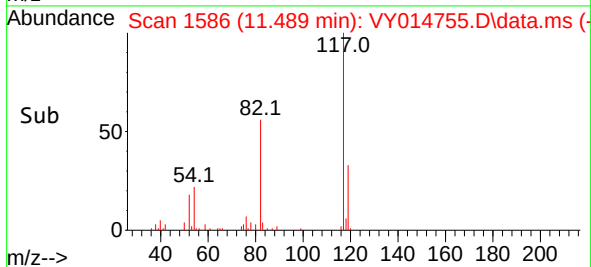
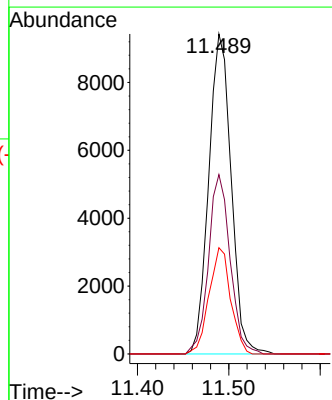
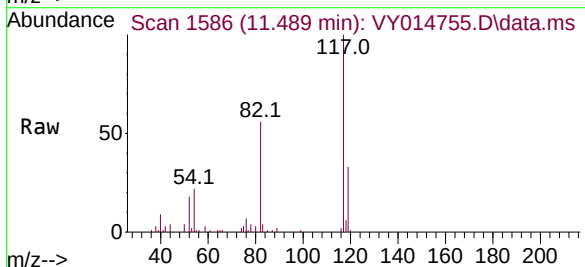
Tgt Ion: 117 Resp: 16032

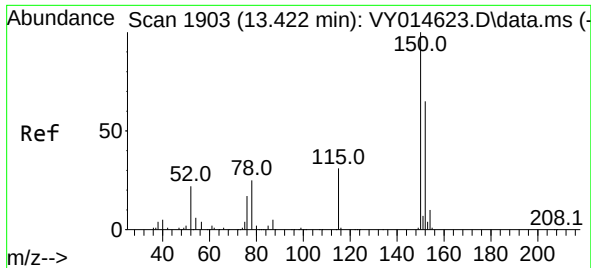
Ion Ratio Lower Upper

117 100

82 56.1 43.4 65.0

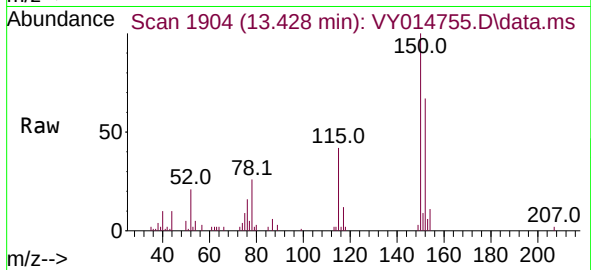
119 33.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY014755.D
 Acq: 21 Jul 2023 18:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P20A



Tgt Ion:	152	Resp:	5999
Ion	Ratio	Lower	Upper
152	100		
115	61.6	28.8	86.5
150	158.9	0.0	348.8

