

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013080.D
 Acq On : 24 Mar 2023 15:48
 Operator : KP/MD
 Sample : 02064-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-032323

Quant Time: Mar 25 03:35:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

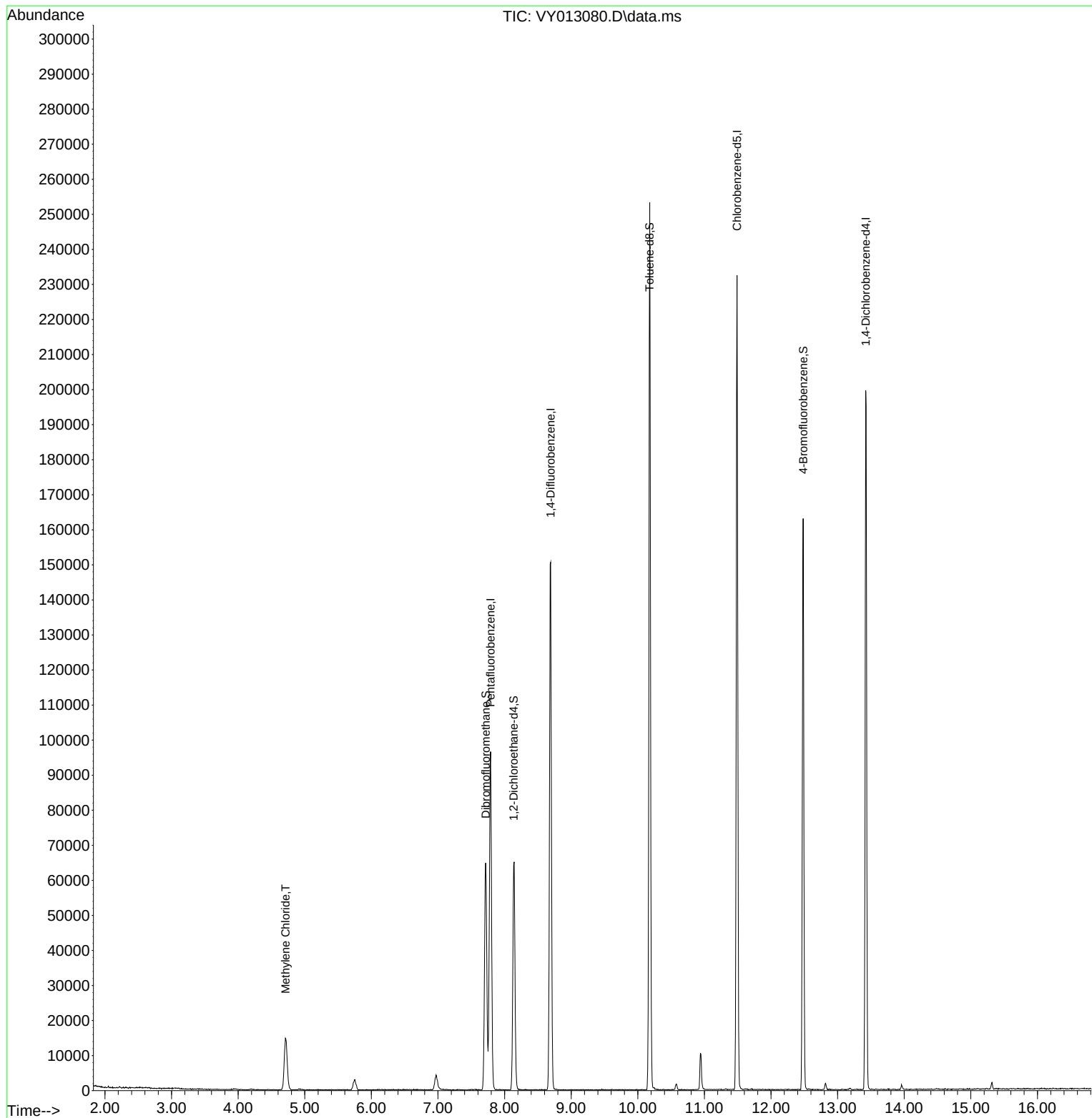
Internal Standards						
1) Pentafluorobenzene	7.789	168	75697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	128278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	119484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50361	67.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.020%
35) Dibromofluoromethane	7.716	113	46049	59.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.960%
50) Toluene-d8	10.179	98	156902	55.439	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.880%
62) 4-Bromofluorobenzene	12.483	95	46401	48.575	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.140%
Target Compounds						
20) Methylene Chloride	4.710	84	10967	7.630	ug/l	95

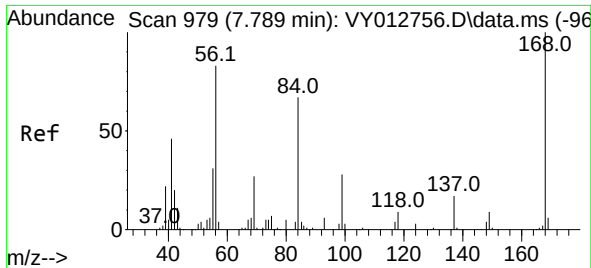
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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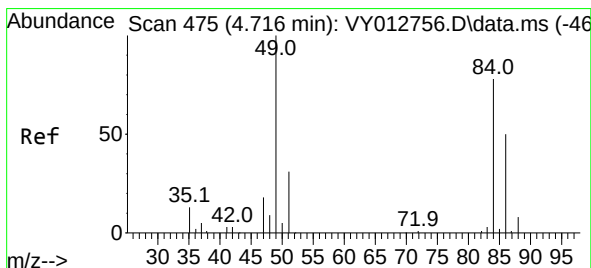
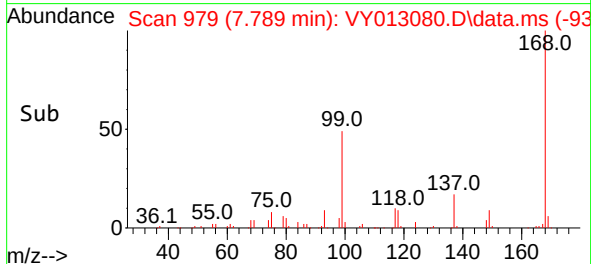
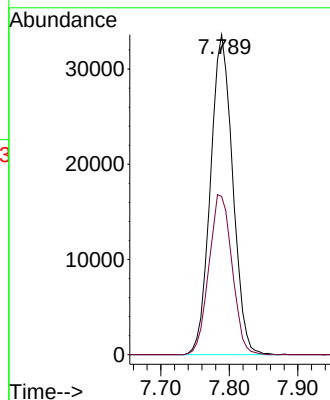
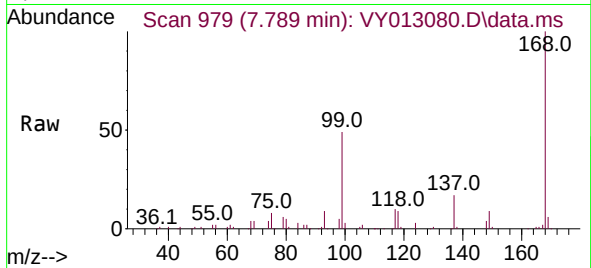




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

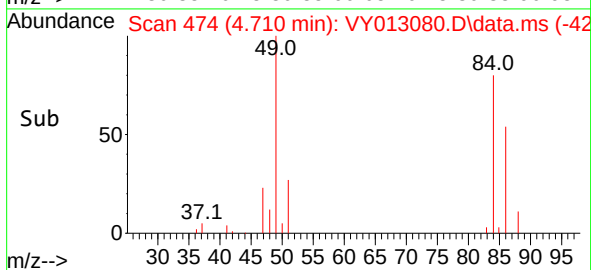
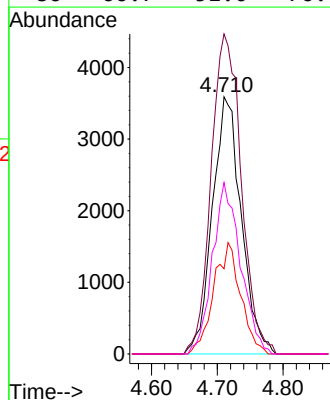
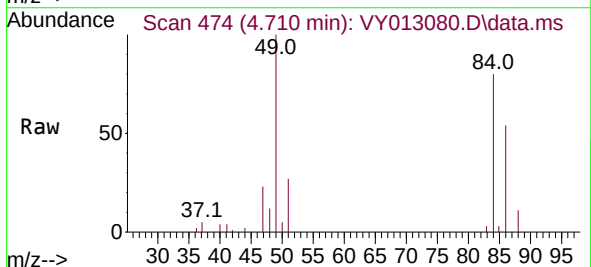
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-032323

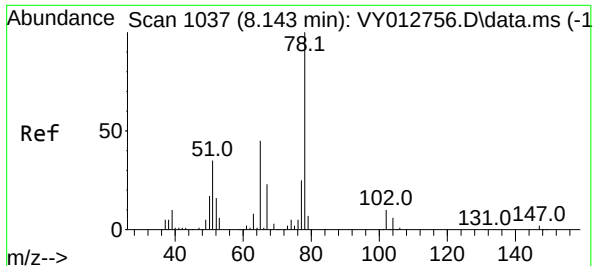
Tgt Ion:168 Resp: 75697
Ion Ratio Lower Upper
168 100
99 49.5 41.7 62.5



#20
Methylene Chloride
Concen: 7.630 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

Tgt Ion: 84 Resp: 10967
Ion Ratio Lower Upper
84 100
49 124.5 102.6 154.0
51 33.1 31.9 47.9
86 66.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 67.007 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY013080.D

Acq: 24 Mar 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

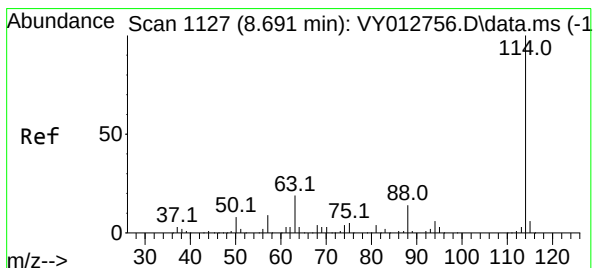
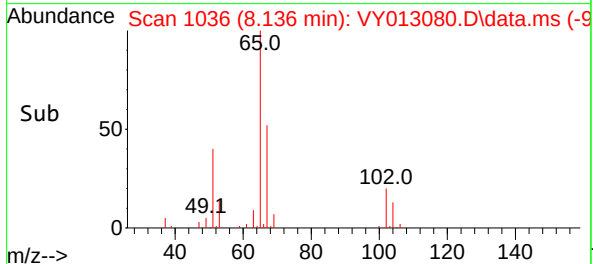
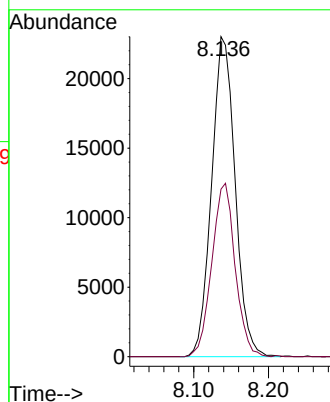
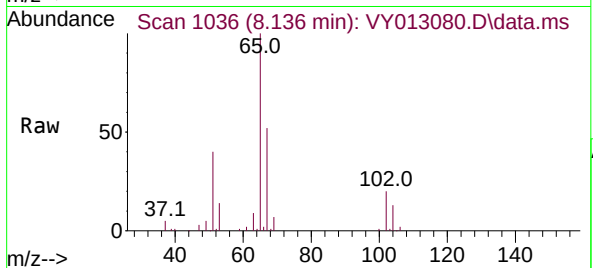
BU-03-032323

Tgt Ion: 65 Resp: 50361

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013080.D

Acq: 24 Mar 2023 15:48

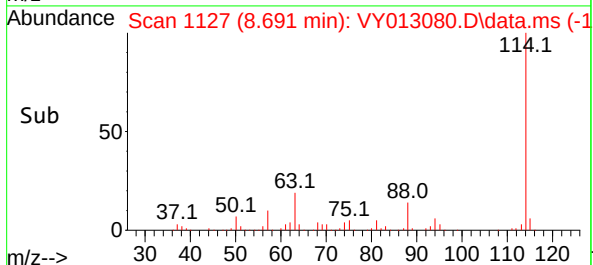
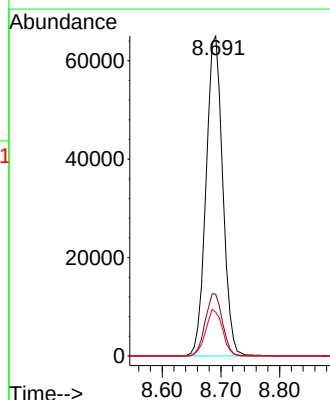
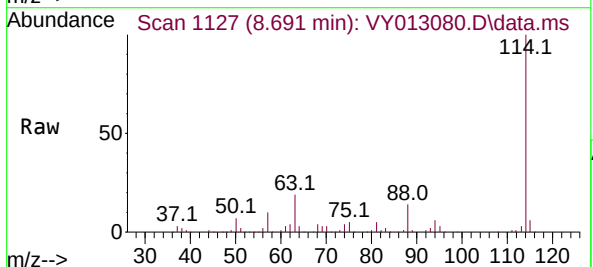
Tgt Ion: 114 Resp: 128278

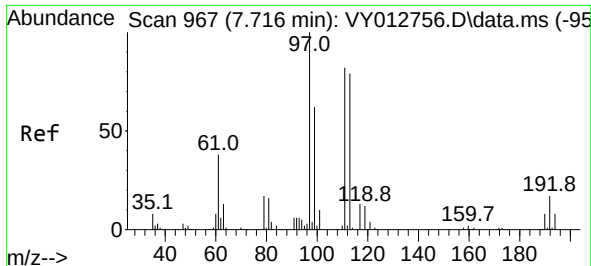
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 13.6 0.0 28.6

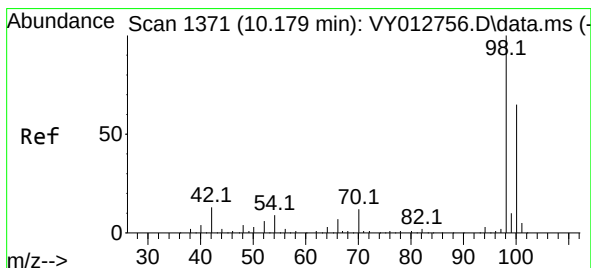
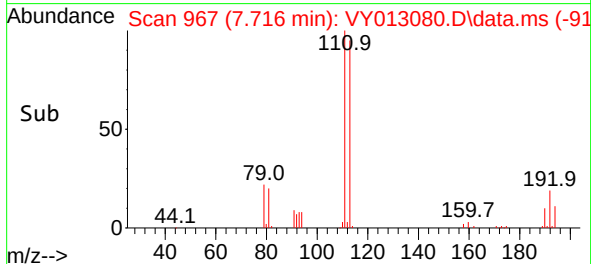
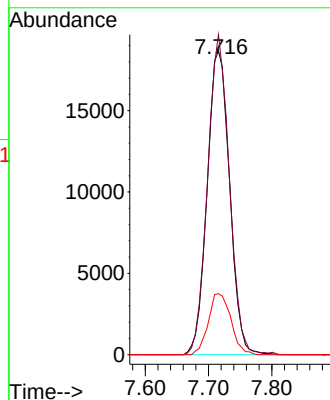
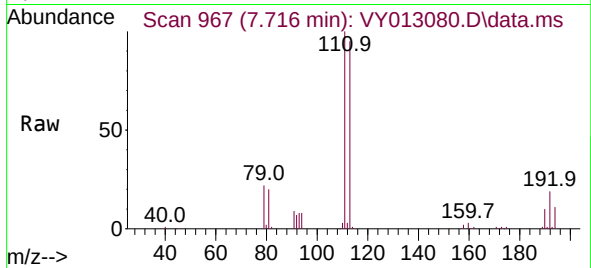




#35
Dibromofluoromethane
Concen: 59.483 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

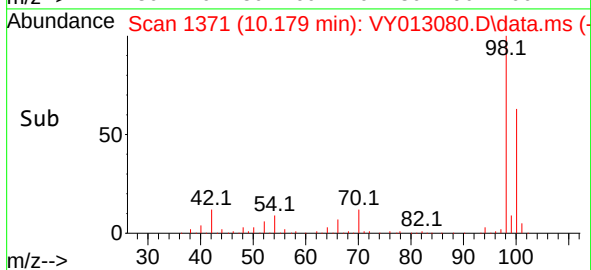
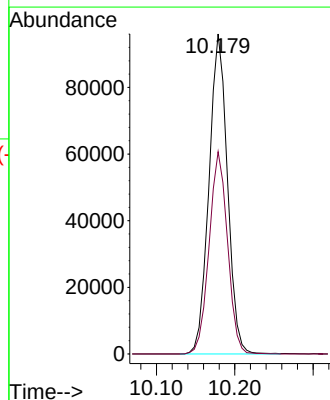
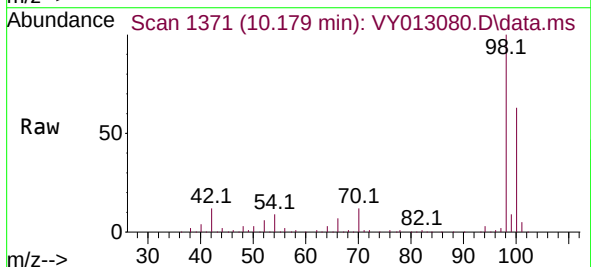
Instrument :
MSVOA_Y
ClientSampleId :
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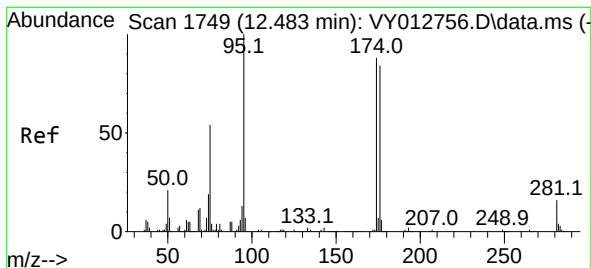
Tgt Ion:113 Resp: 46049
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 20.2 16.8 25.2



#50
Toluene-d8
Concen: 55.439 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

Tgt Ion: 98 Resp: 156902
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

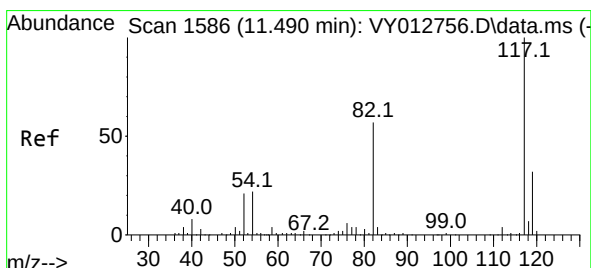
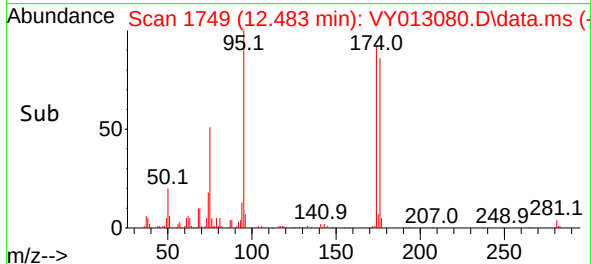
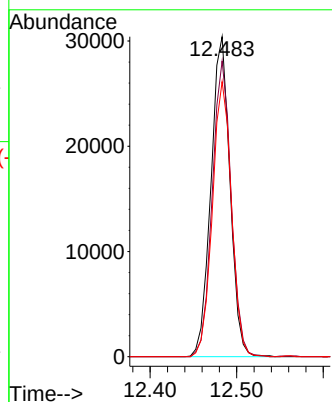
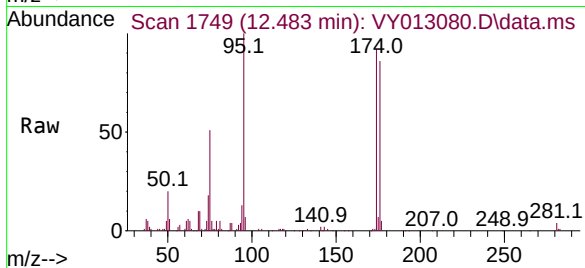




#62
4-Bromofluorobenzene
Concen: 48.575 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

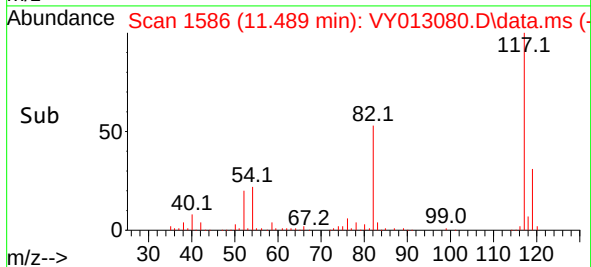
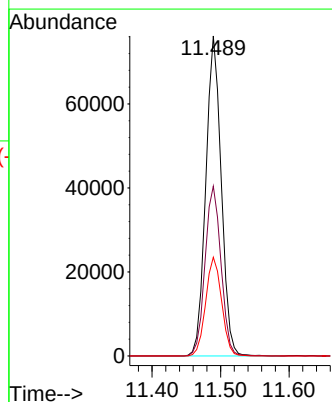
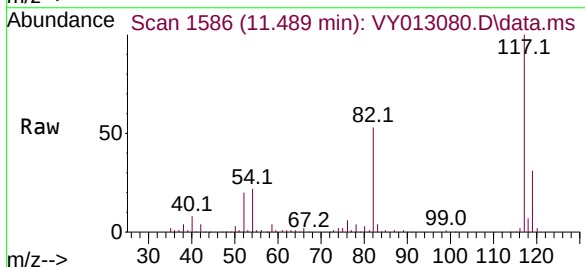
Instrument :
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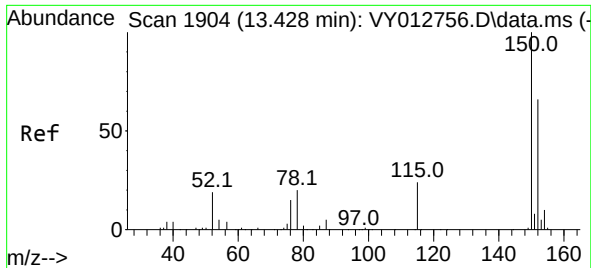
Tgt Ion: 95 Resp: 46401
Ion Ratio Lower Upper
95 100
174 91.9 0.0 176.6
176 86.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

Tgt Ion: 117 Resp: 119484
Ion Ratio Lower Upper
117 100
82 53.0 45.4 68.0
119 30.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013080.D
 Acq: 24 Mar 2023 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.1	81.3
150	156.8	0.0	347.8

