

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013103.D
 Acq On : 27 Mar 2023 19:38
 Operator : KP/MD
 Sample : 02109-01
 Misc : 8.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-30-SB01

Quant Time: Mar 28 01:48:40 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)

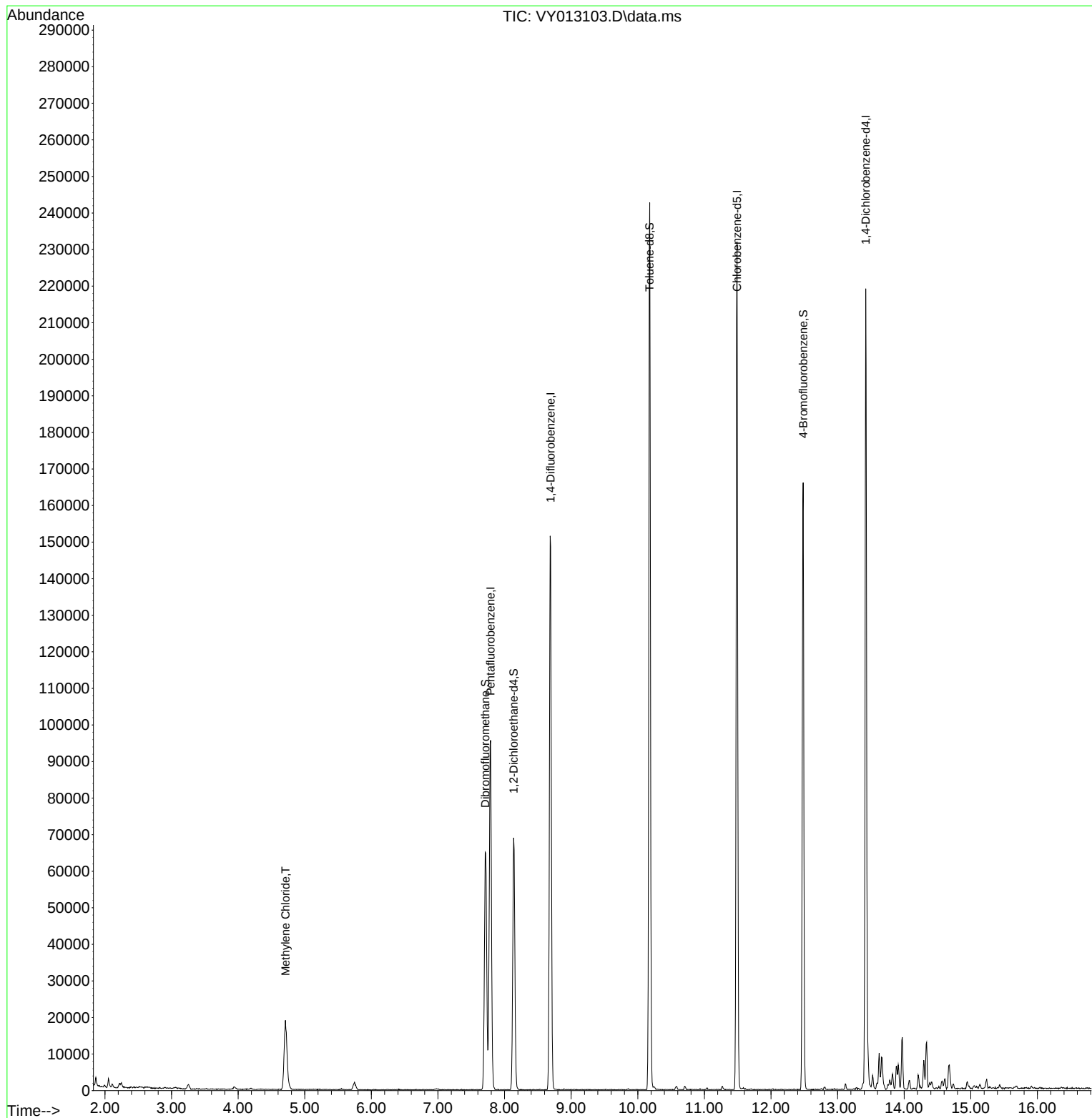
Internal Standards						
1) Pentafluorobenzene	7.789	168	74314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	129133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	121514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	53109	71.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.960%
35) Dibromofluoromethane	7.710	113	46099	59.153	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.300%
50) Toluene-d8	10.179	98	157167	55.165	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.340%
62) 4-Bromofluorobenzene	12.483	95	47611	49.511	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.020%
Target Compounds						
20) Methylene Chloride	4.710	84	12593	9.945	ug/l	90

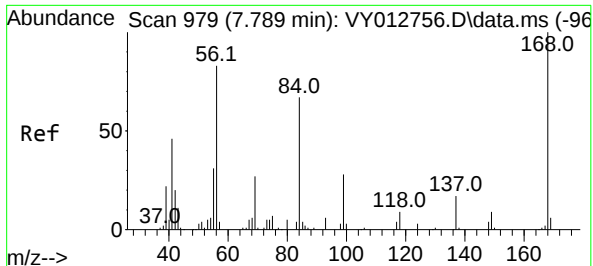
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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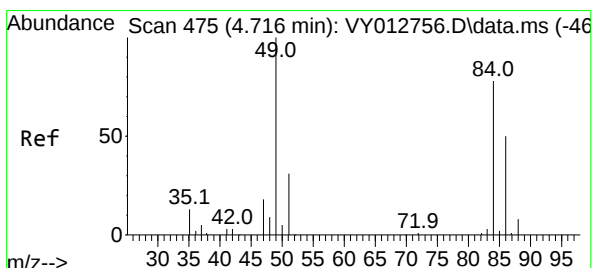
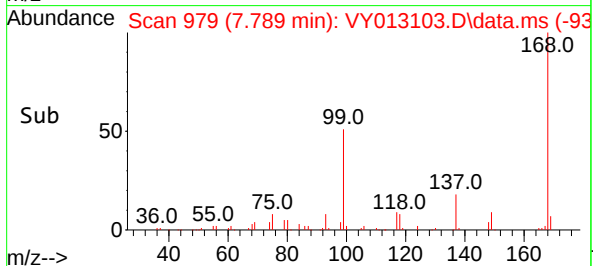
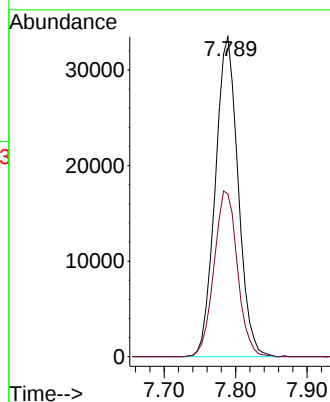
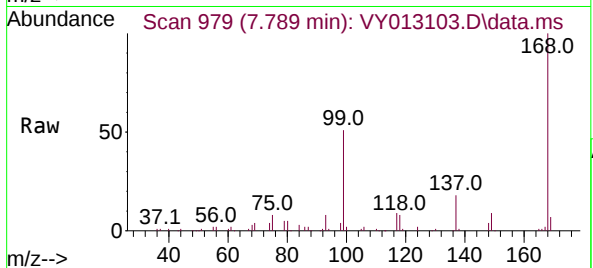




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013103.D
Acq: 27 Mar 2023 19:38

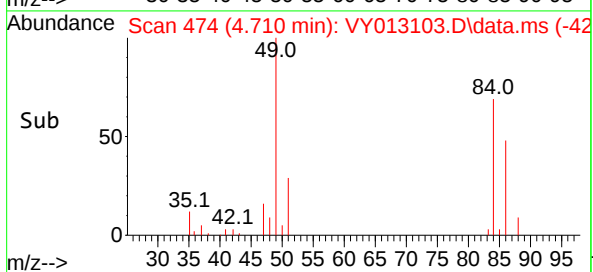
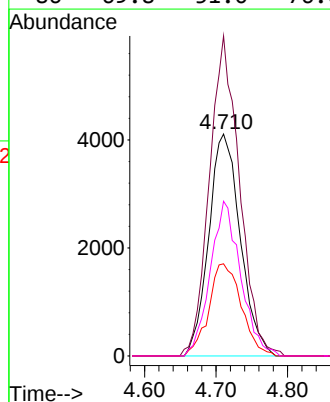
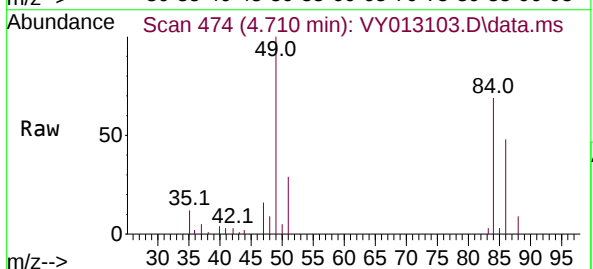
Instrument :
MSVOA_Y
ClientSampleId :
B-30-SB01

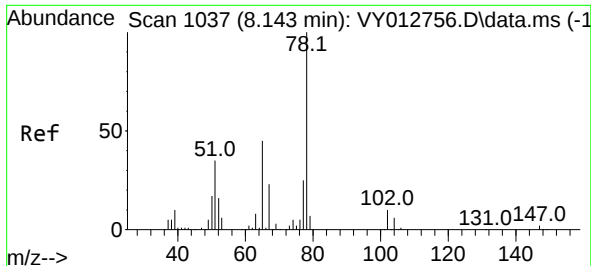
Tgt Ion:168 Resp: 74314
Ion Ratio Lower Upper
168 100
99 50.8 41.7 62.5



#20
Methylene Chloride
Concen: 9.945 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013103.D
Acq: 27 Mar 2023 19:38

Tgt Ion: 84 Resp: 12593
Ion Ratio Lower Upper
84 100
49 144.2 102.6 154.0
51 41.5 31.9 47.9
86 69.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 71.979 ug/l

RT: 8.137 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY013103.D

Acq: 27 Mar 2023 19:38

Instrument :

MSVOA_Y

ClientSampleId :

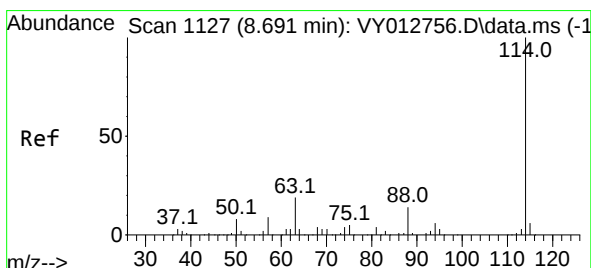
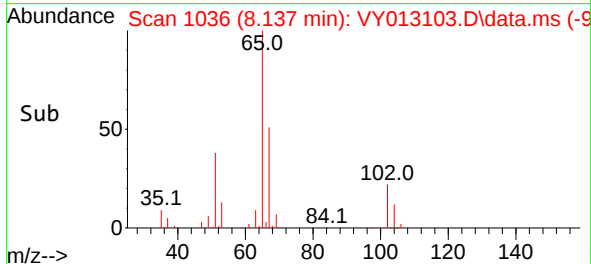
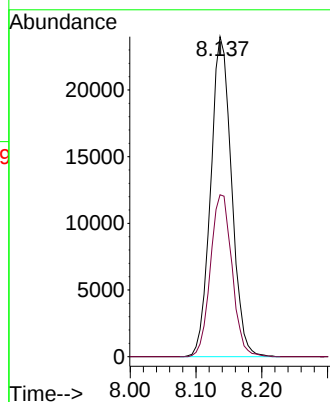
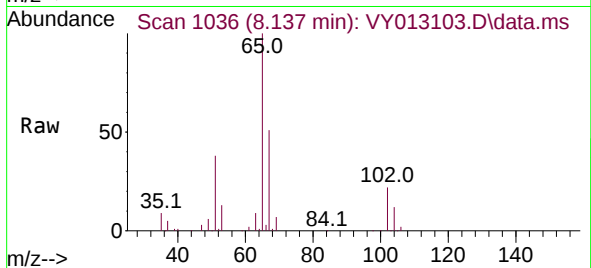
B-30-SB01

Tgt Ion: 65 Resp: 53109

Ion Ratio Lower Upper

65 100

67 52.2 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: VY013103.D

Acq: 27 Mar 2023 19:38

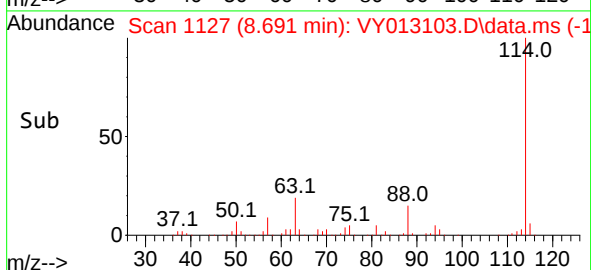
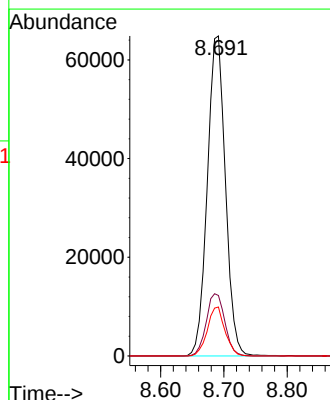
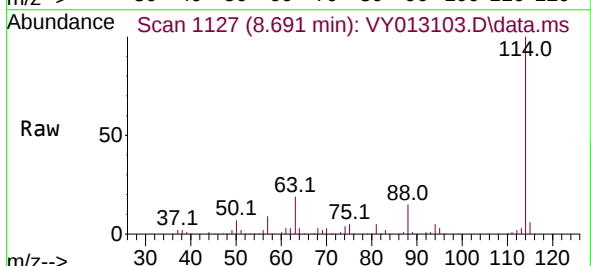
Tgt Ion: 114 Resp: 129133

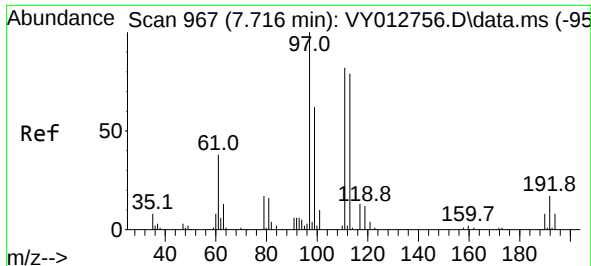
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 15.3 0.0 28.6

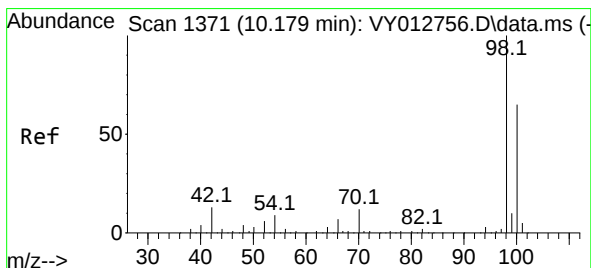
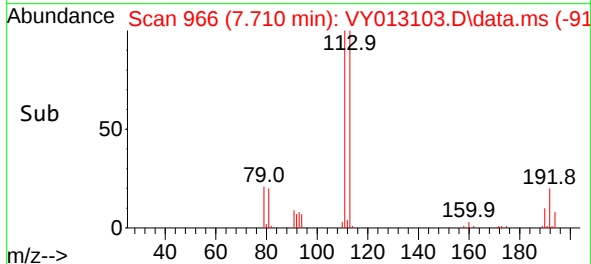
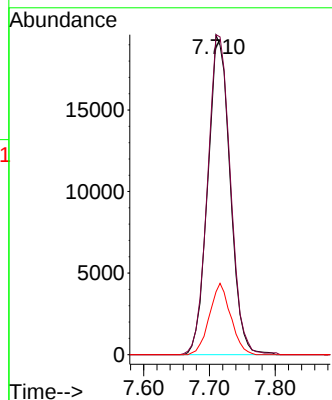
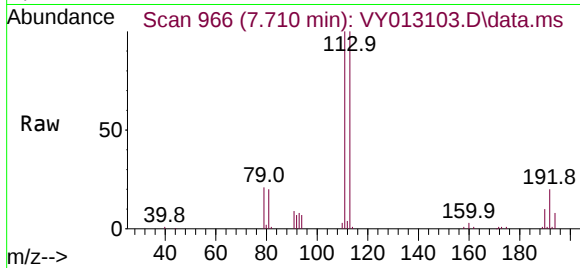




#35
 Dibromofluoromethane
 Concen: 59.153 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.006 min
 Lab File: VY013103.D
 Acq: 27 Mar 2023 19:38

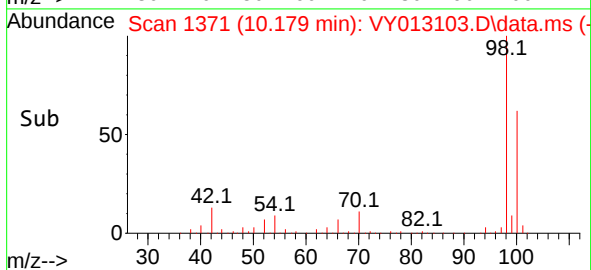
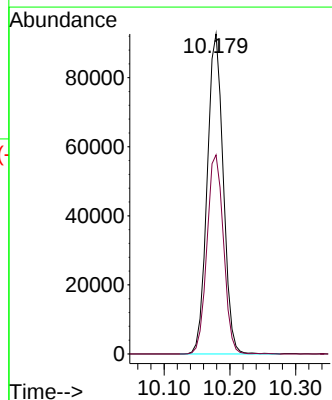
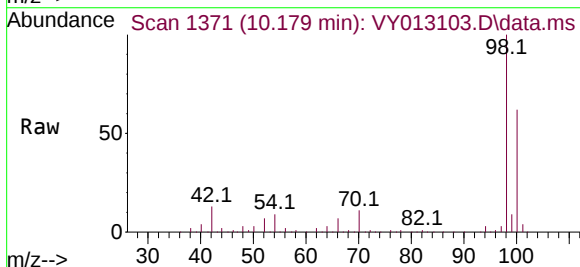
Instrument :
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 ClientSampleId :
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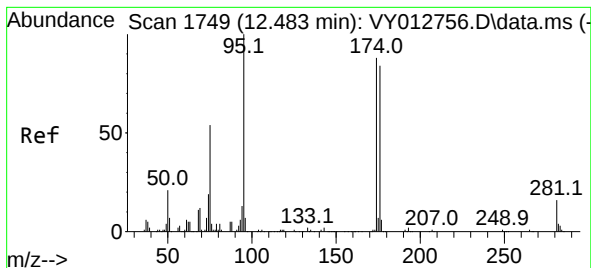
Tgt Ion:113 Resp: 46099
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.2
 192 21.4 16.8 25.2



#50
 Toluene-d8
 Concen: 55.165 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY013103.D
 Acq: 27 Mar 2023 19:38

Tgt Ion: 98 Resp: 157167
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.9 76.3

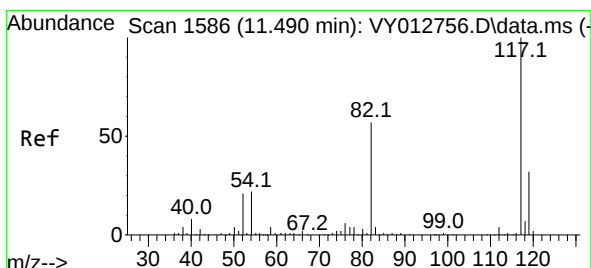
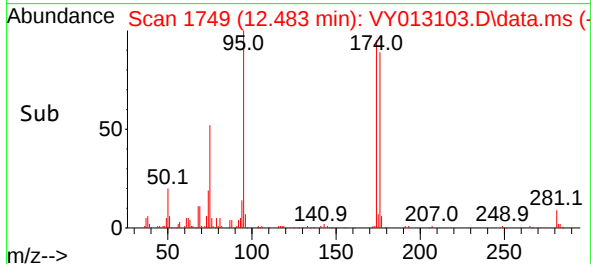
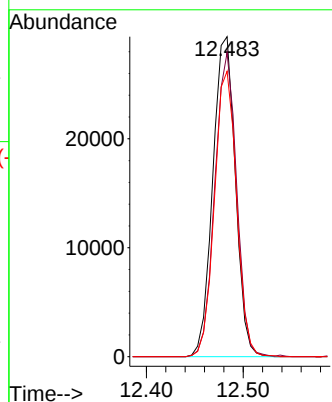
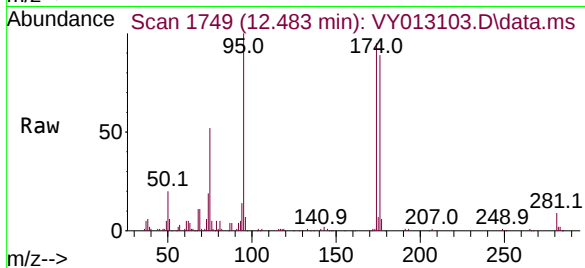




#62
4-Bromofluorobenzene
Concen: 49.511 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013103.D
Acq: 27 Mar 2023 19:38

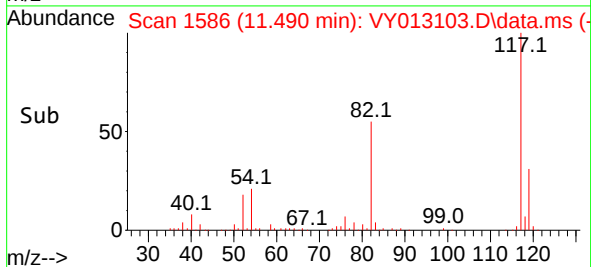
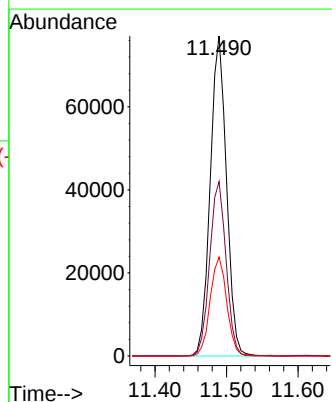
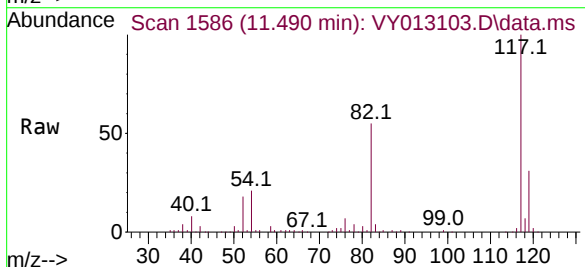
Instrument :
MSVOA_Y
ClientSampleId :
B-30-SB01

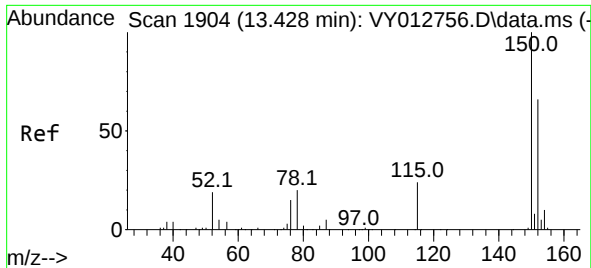
Tgt Ion: 95 Resp: 47611
Ion Ratio Lower Upper
95 100
174 91.9 0.0 176.6
176 87.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013103.D
Acq: 27 Mar 2023 19:38

Tgt Ion: 117 Resp: 121514
Ion Ratio Lower Upper
117 100
82 54.5 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: VY013103.D

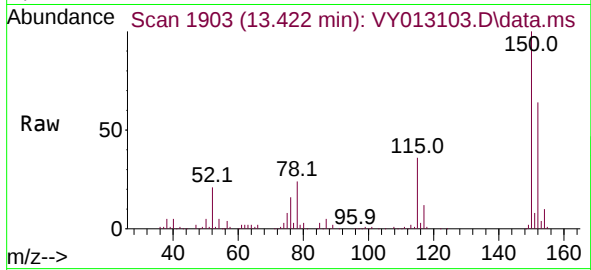
Acq: 27 Mar 2023 19:38

Instrument :

MSVOA_Y

ClientSampleId :

B-30-SB01



Tgt Ion:152 Resp: 55480

Ion Ratio Lower Upper

152 100

115 55.7 27.1 81.3

150 156.8 0.0 347.8

