

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032223\
 Data File : VY013042.D
 Acq On : 22 Mar 2023 12:24
 Operator : KP/MD
 Sample : 02021-01
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-6E-032023

Quant Time: Mar 23 05:20:08 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)

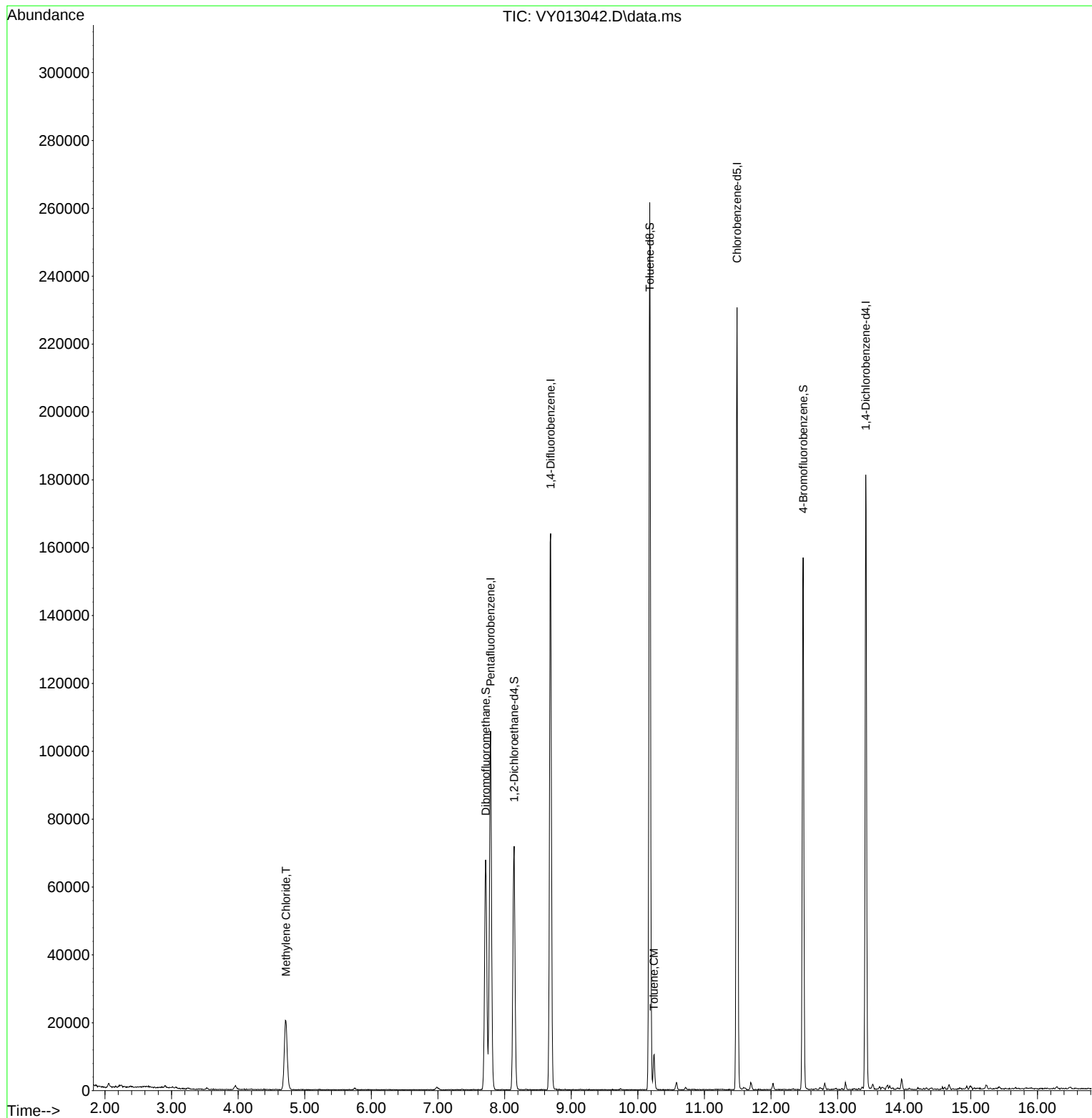
Internal Standards						
1) Pentafluorobenzene	7.789	168	80171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	120669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54725	68.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.500%
35) Dibromofluoromethane	7.716	113	47213	57.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.860%
50) Toluene-d8	10.179	98	163802	54.504	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.000%
62) 4-Bromofluorobenzene	12.483	95	45349	44.706	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.420%
Target Compounds						
20) Methylene Chloride	4.716	84	15393	12.069	ug/l	97
52) Toluene	10.240	92	4037	1.718	ug/l	99

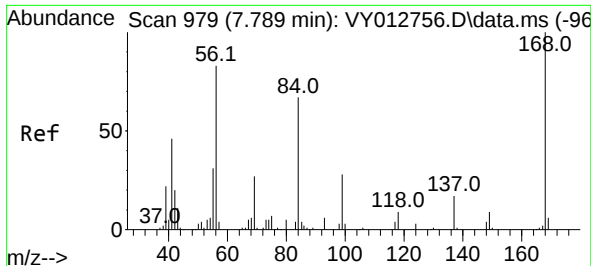
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032223\
Data File : VY013042.D
Acq On : 22 Mar 2023 12:24
Operator : KP/MD
Sample : 02021-01
Misc : 5.81g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JPP-6E-032023

Quant Time: Mar 23 05:20:08 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

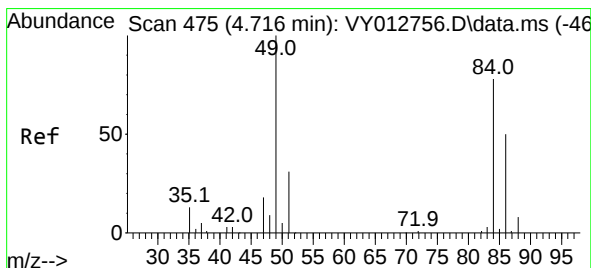
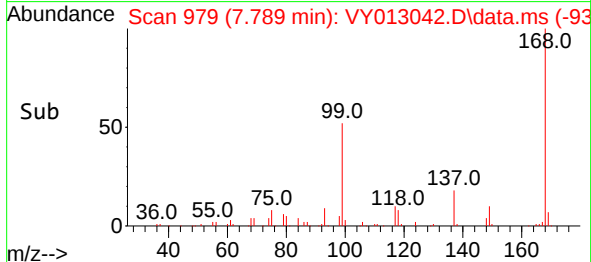
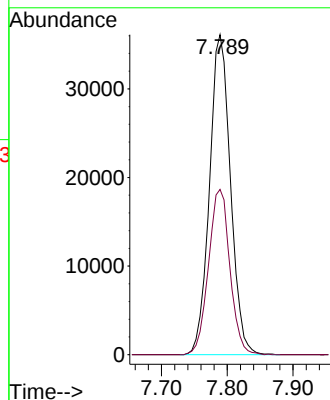
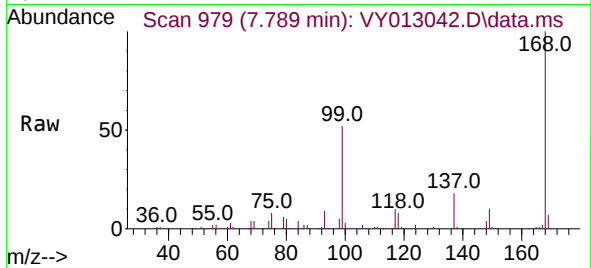




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013042.D
Acq: 22 Mar 2023 12:24

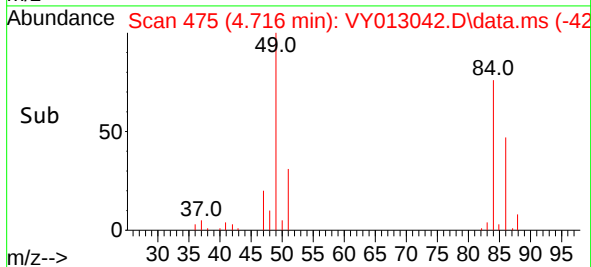
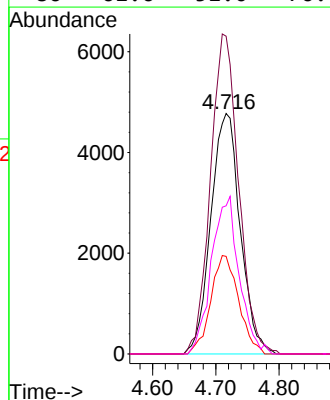
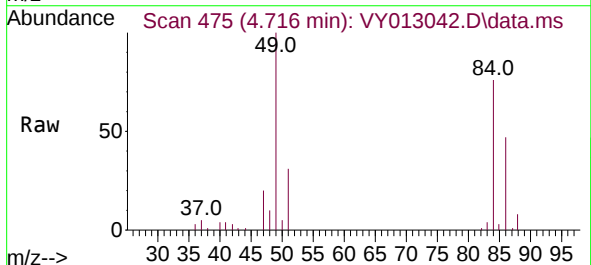
Instrument :
MSVOA_Y
ClientSampleId :
JPP-6E-032023

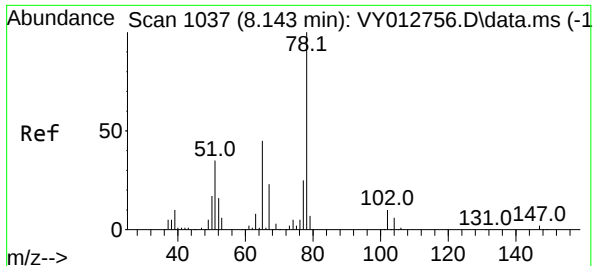
Tgt Ion:168 Resp: 80171
Ion Ratio Lower Upper
168 100
99 51.7 41.7 62.5



#20
Methylene Chloride
Concen: 12.069 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013042.D
Acq: 22 Mar 2023 12:24

Tgt Ion: 84 Resp: 15393
Ion Ratio Lower Upper
84 100
49 132.2 102.6 154.0
51 40.6 31.9 47.9
86 61.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 68.751 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY013042.D

Acq: 22 Mar 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

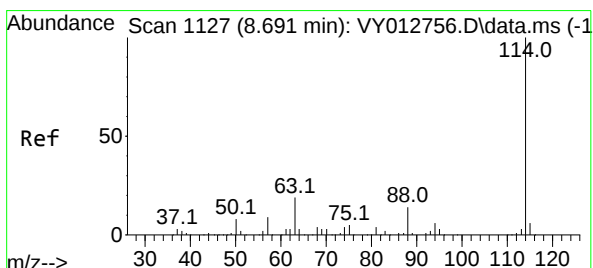
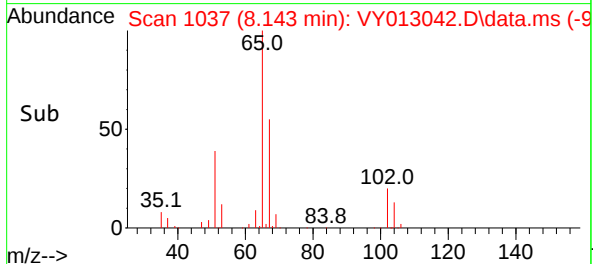
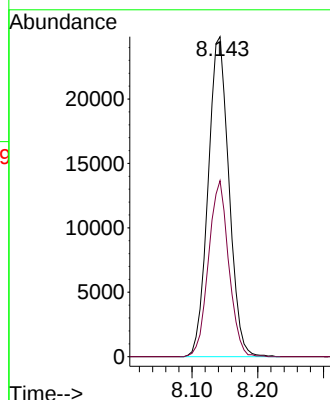
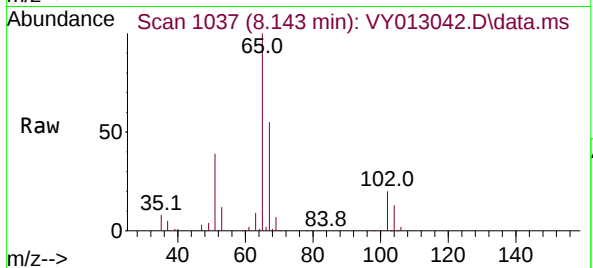
JPP-6E-032023

Tgt Ion: 65 Resp: 54725

Ion Ratio Lower Upper

65 100

67 53.4 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: VY013042.D

Acq: 22 Mar 2023 12:24

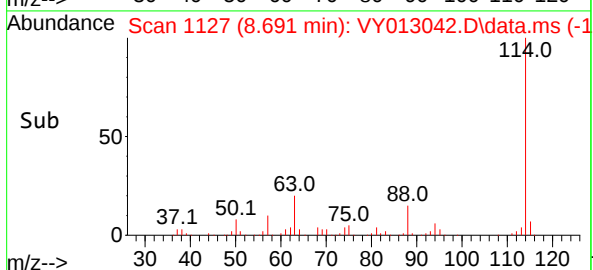
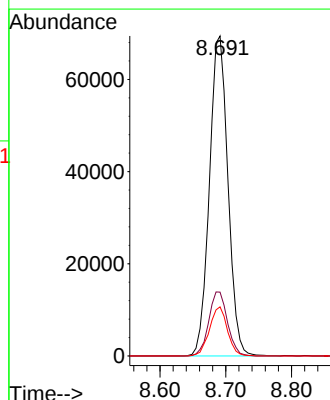
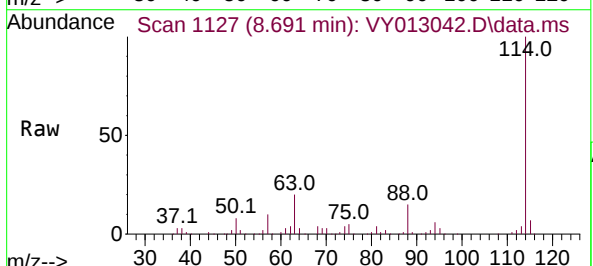
Tgt Ion: 114 Resp: 136218

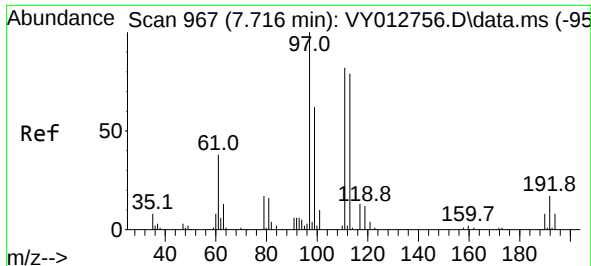
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

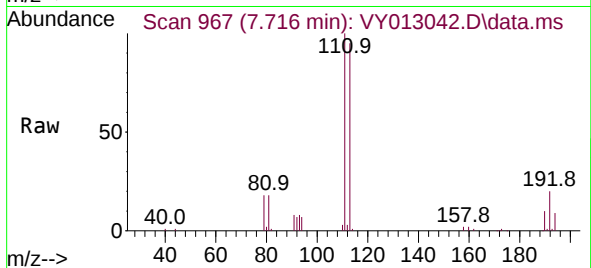
88 15.3 0.0 28.6



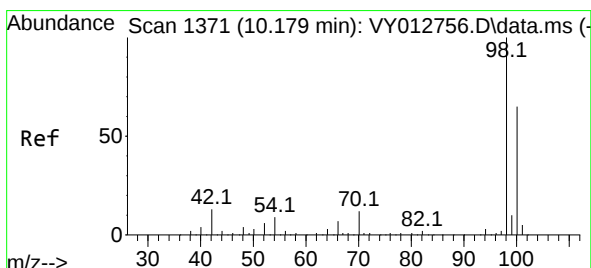
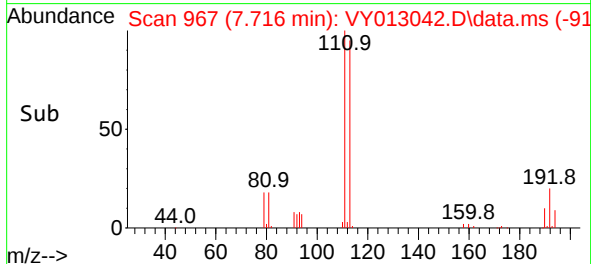
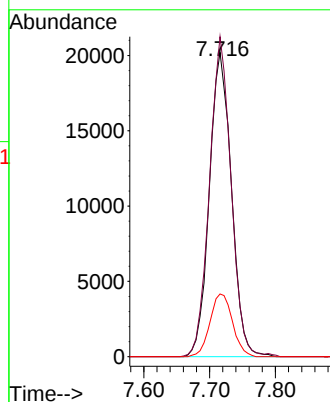


#35
Dibromofluoromethane
Concen: 57.432 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013042.D
Acq: 22 Mar 2023 12:24

Instrument :
MSVOA_Y
ClientSampleId :
JPP-6E-032023

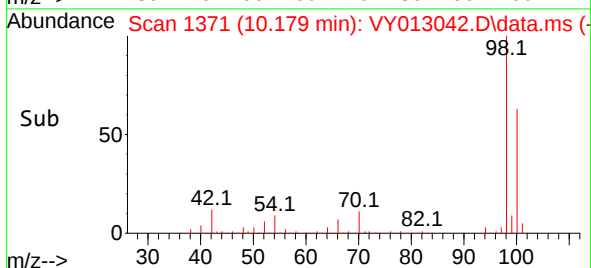
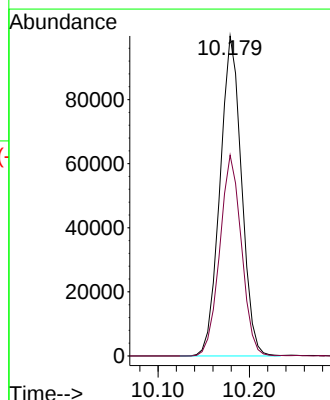
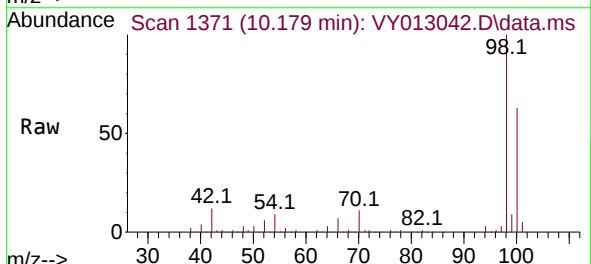


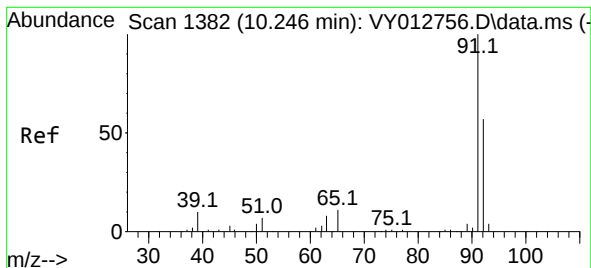
Tgt Ion:113 Resp: 47213
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 21.0 16.8 25.2



#50
Toluene-d8
Concen: 54.504 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013042.D
Acq: 22 Mar 2023 12:24

Tgt Ion: 98 Resp: 163802
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3





#52

Toluene

Concen: 1.718 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY013042.D

Acq: 22 Mar 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

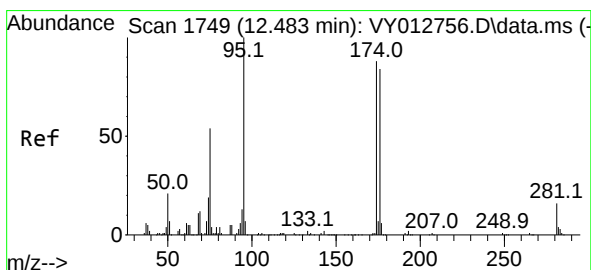
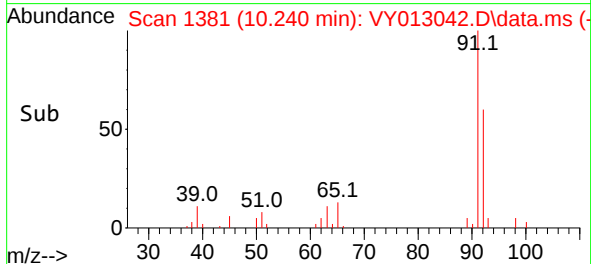
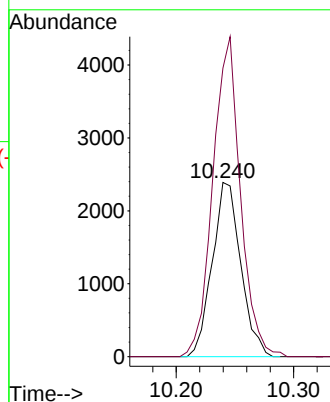
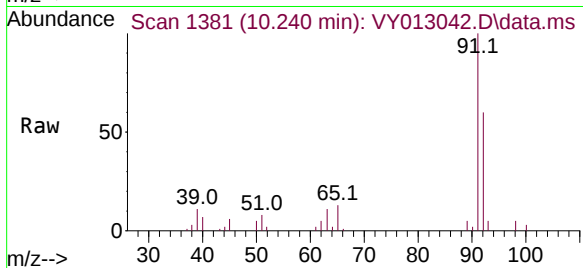
JPP-6E-032023

Tgt Ion: 92 Resp: 4037

Ion Ratio Lower Upper

92 100

91 177.6 141.3 211.9



#62

4-Bromofluorobenzene

Concen: 44.706 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013042.D

Acq: 22 Mar 2023 12:24

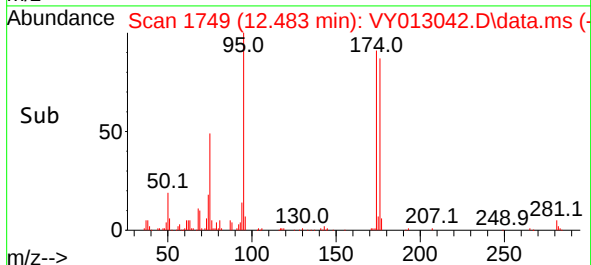
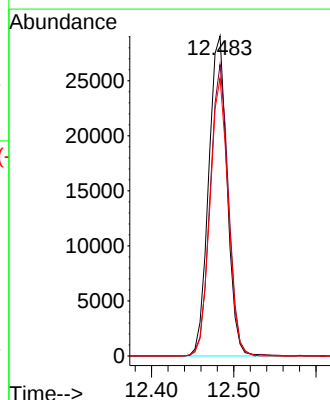
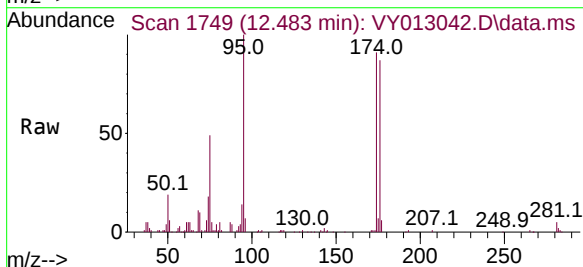
Tgt Ion: 95 Resp: 45349

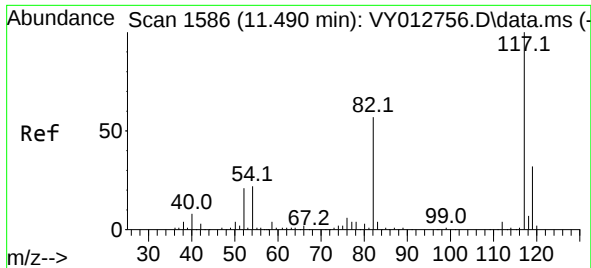
Ion Ratio Lower Upper

95 100

174 90.1 0.0 176.6

176 85.8 0.0 170.2

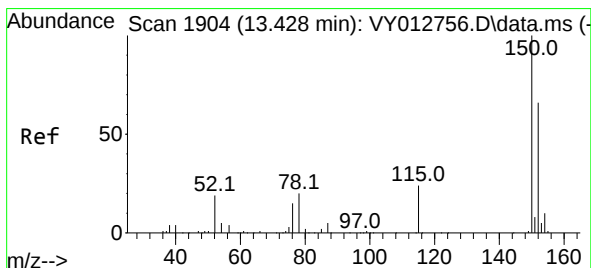
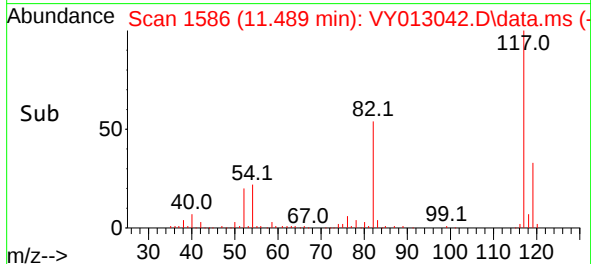
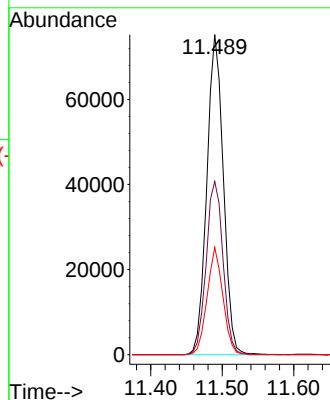
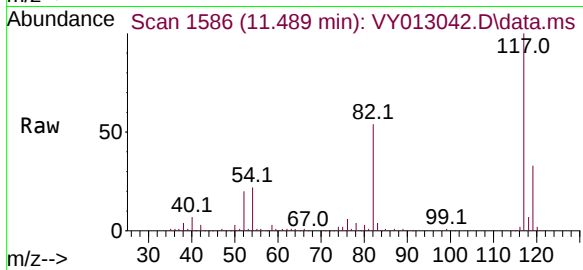




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013042.D
Acq: 22 Mar 2023 12:24

Instrument :
MSVOA_Y
ClientSampleId :
JPP-6E-032023

Tgt Ion:117 Resp: 120669
Ion Ratio Lower Upper
117 100
82 54.2 45.4 68.0
119 33.5 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: VY013042.D
Acq: 22 Mar 2023 12:24

Tgt Ion:152 Resp: 46591
Ion Ratio Lower Upper
152 100
115 56.8 27.1 81.3
150 156.2 0.0 347.8

