

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
 Data File : VY011691.D
 Acq On : 05 Dec 2022 13:08
 Operator : KP/MD
 Sample : N5870-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ML-1

Quant Time: Dec 06 00:36:07 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)

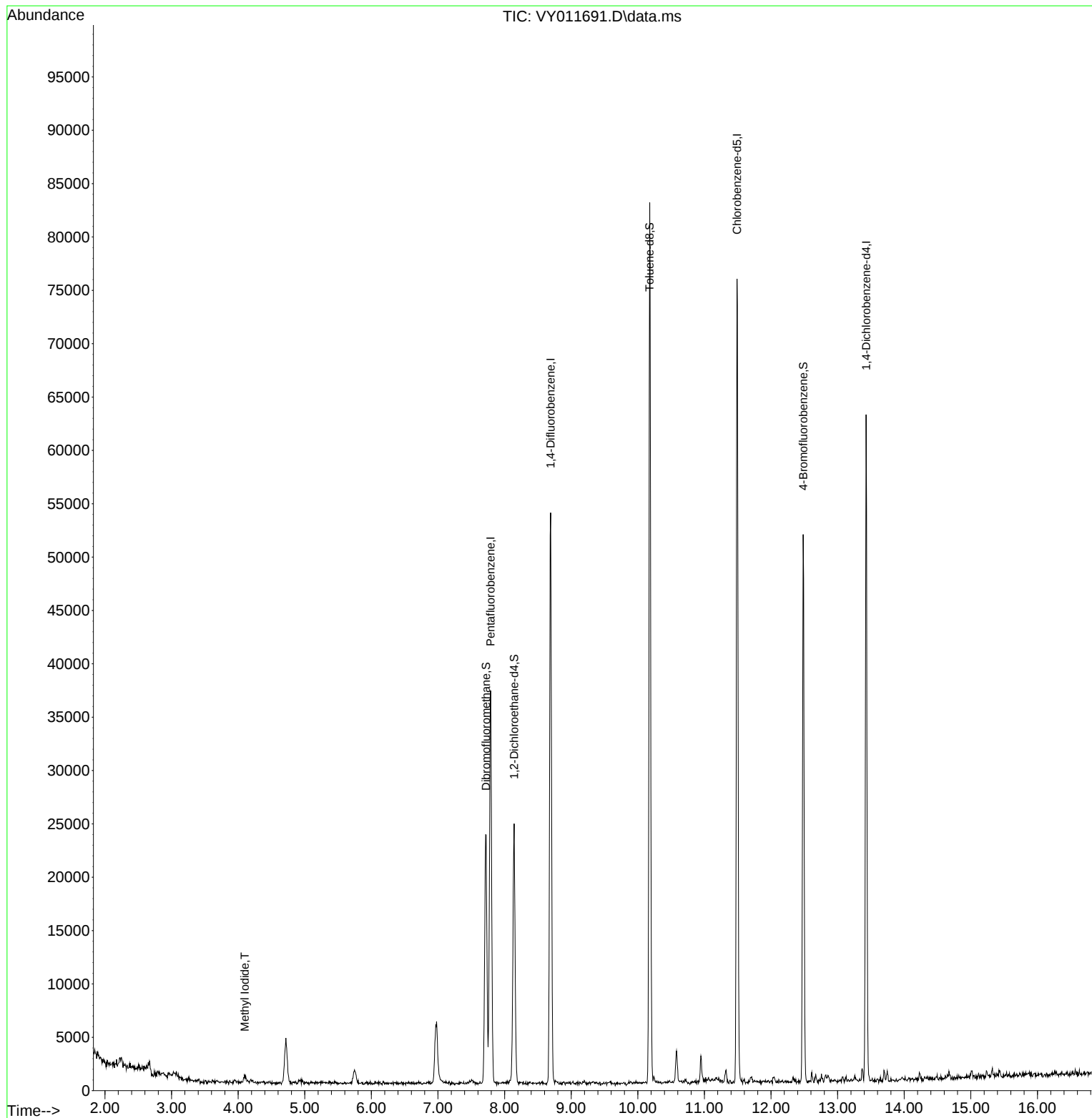
Internal Standards						
1) Pentafluorobenzene	7.789	168	28311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	46376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	42579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	18439	64.143	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 128.280%		
35) Dibromofluoromethane	7.722	113	16386	57.397	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 114.800%		
50) Toluene-d8	10.179	98	54110	52.158	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.320%		
62) 4-Bromofluorobenzene	12.483	95	15609	40.694	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 81.380%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.100	142	1070	3.381	ug/l #	94

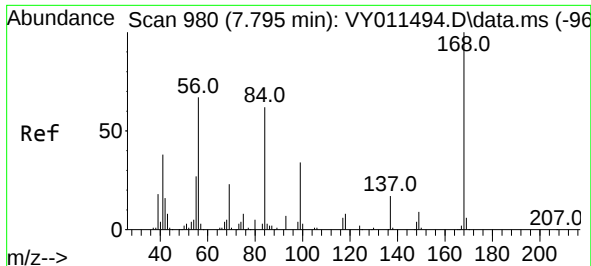
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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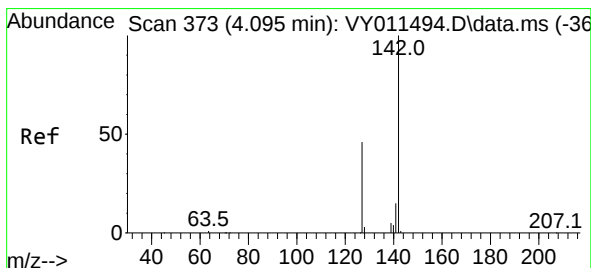
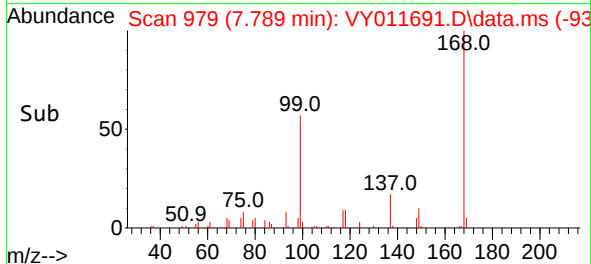
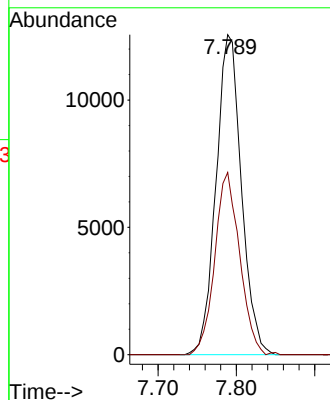
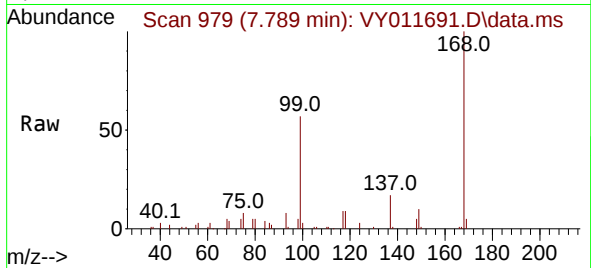




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011691.D
Acq: 05 Dec 2022 13:08

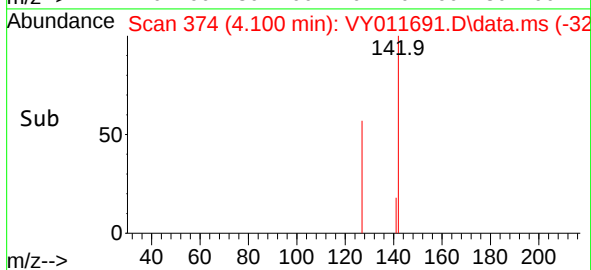
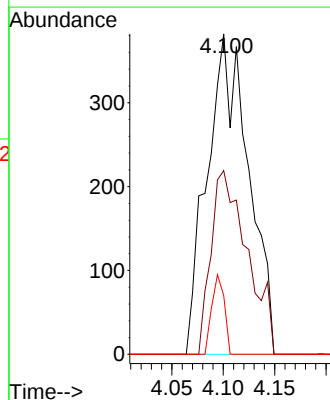
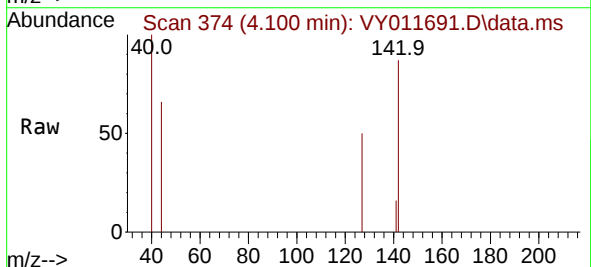
Instrument :
MSVOA_Y
ClientSampleId :
ML-1

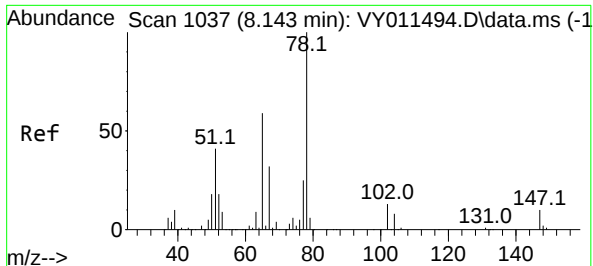
Tgt Ion:168 Resp: 28311
Ion Ratio Lower Upper
168 100
99 57.0 46.9 70.3



#10
Methyl Iodide
Concen: 3.381 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.005 min
Lab File: VY011691.D
Acq: 05 Dec 2022 13:08

Tgt Ion:142 Resp: 1070
Ion Ratio Lower Upper
142 100
127 50.1 41.5 62.3
141 7.5 11.9 17.9#





#33

1,2-Dichloroethane-d4

Concen: 64.143 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011691.D

Acq: 05 Dec 2022 13:08

Instrument :

MSVOA_Y

ClientSampleId :

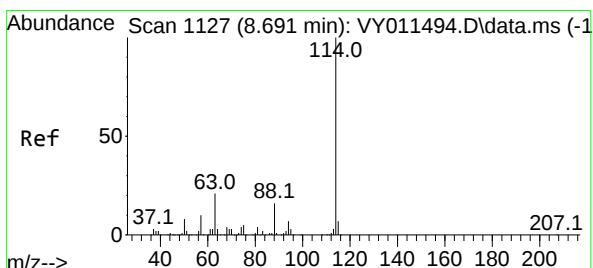
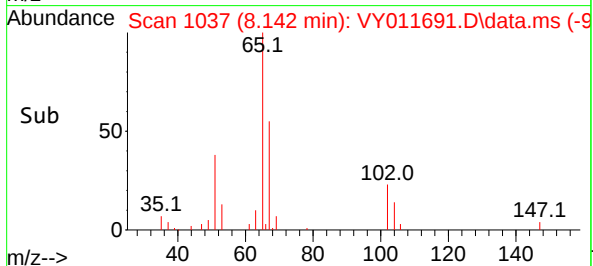
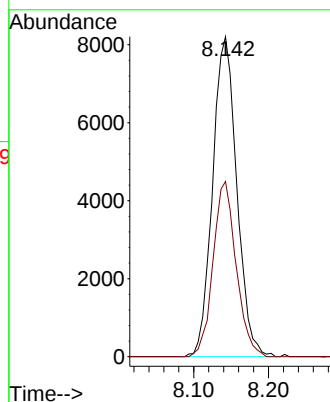
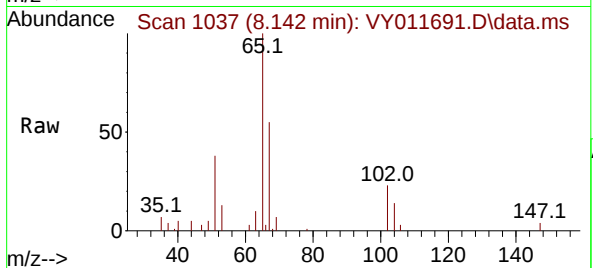
ML-1

Tgt Ion: 65 Resp: 18439

Ion Ratio Lower Upper

65 100

67 52.4 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: VY011691.D

Acq: 05 Dec 2022 13:08

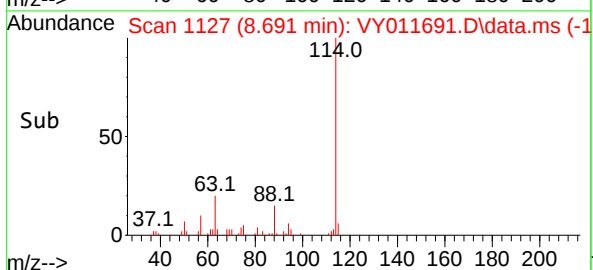
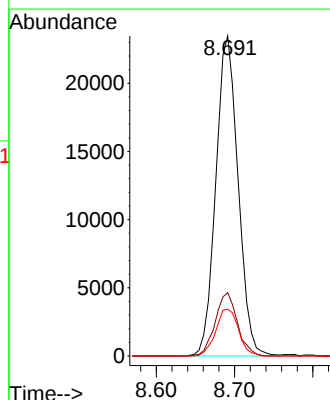
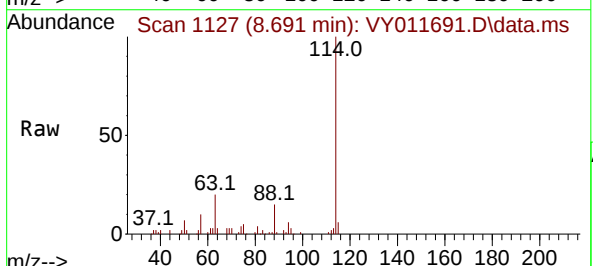
Tgt Ion: 114 Resp: 46376

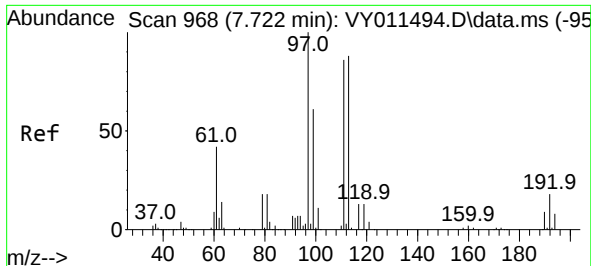
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 14.6 0.0 31.8

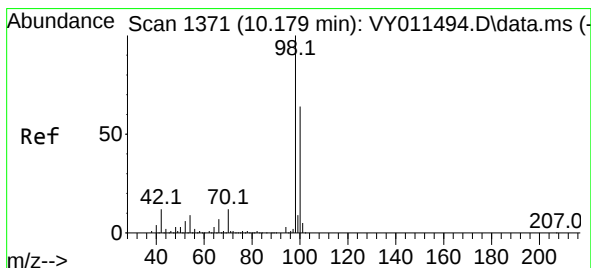
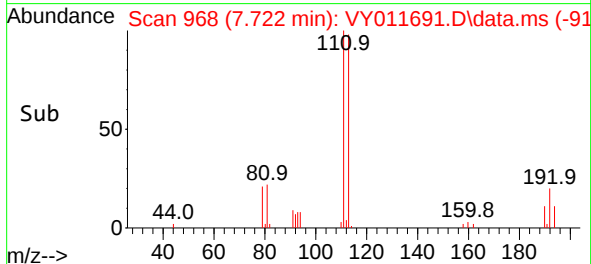
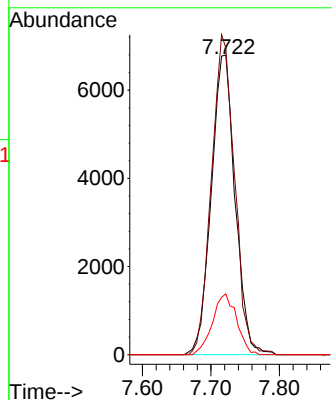
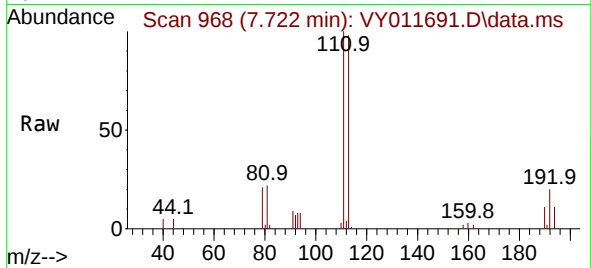




#35
Dibromofluoromethane
Concen: 57.397 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011691.D
Acq: 05 Dec 2022 13:08

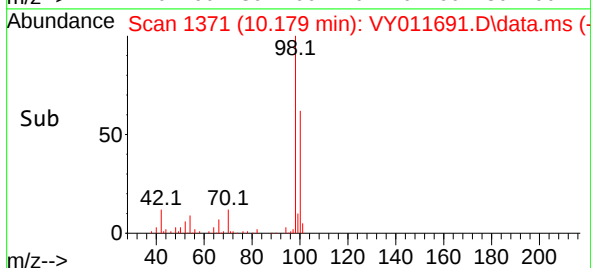
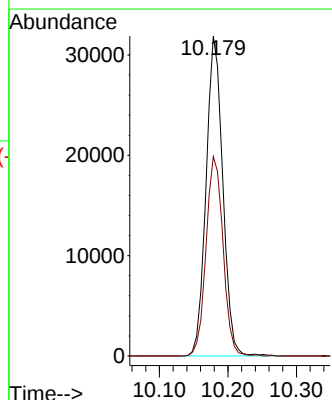
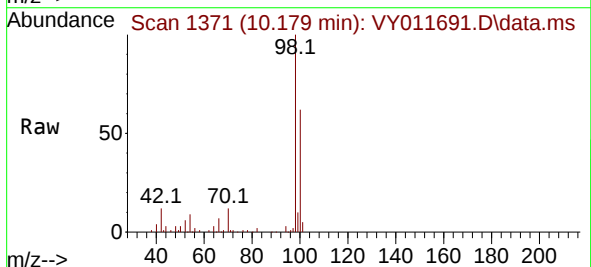
Instrument :
MSVOA_Y
ClientSampleId :
ML-1

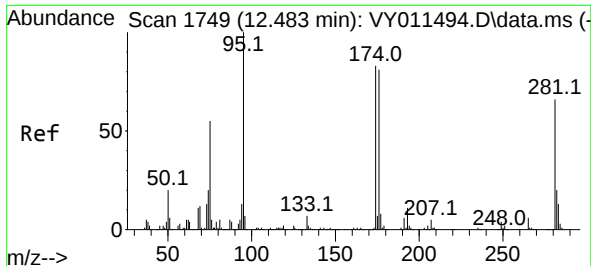
Tgt Ion:113 Resp: 16386
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 20.5 17.6 26.4



#50
Toluene-d8
Concen: 52.158 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011691.D
Acq: 05 Dec 2022 13:08

Tgt Ion: 98 Resp: 54110
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2

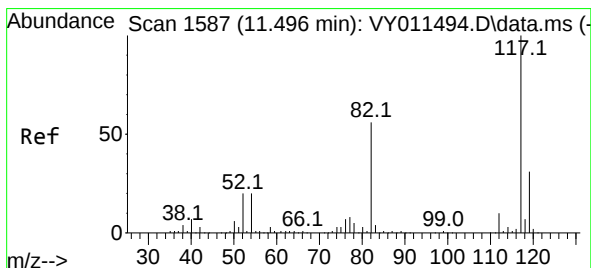
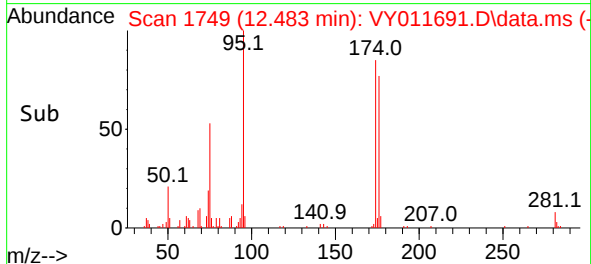
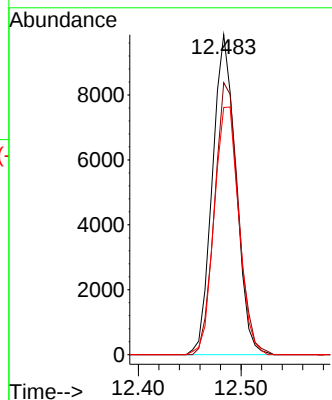
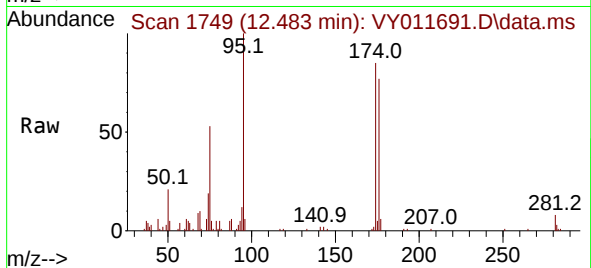




#62
4-Bromofluorobenzene
Concen: 40.694 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011691.D
Acq: 05 Dec 2022 13:08

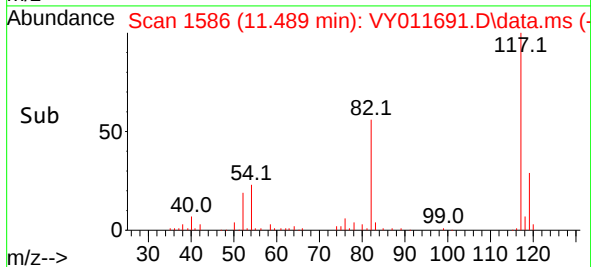
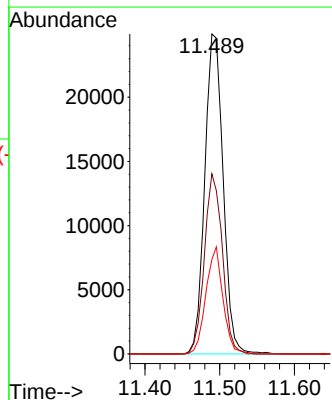
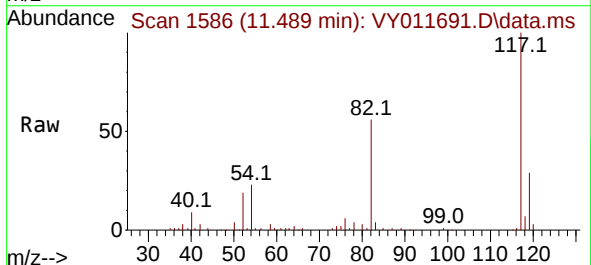
Instrument :
MSVOA_Y
ClientSampleId :
ML-1

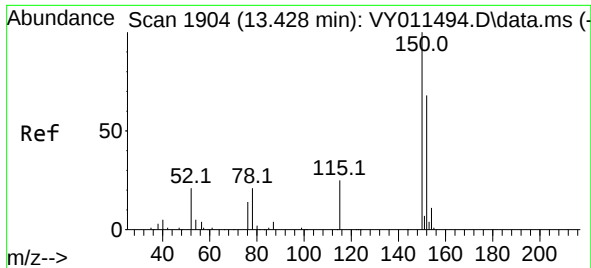
Tgt Ion: 95 Resp: 15609
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 81.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011691.D
Acq: 05 Dec 2022 13:08

Tgt Ion: 117 Resp: 42579
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 29.5 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: VY011691.D

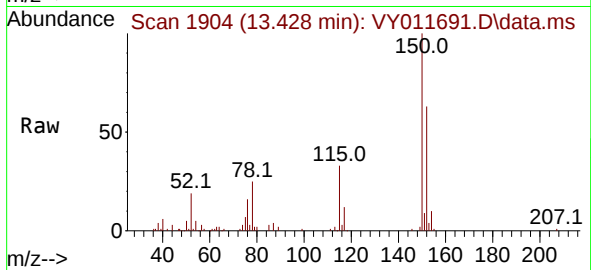
Acq: 05 Dec 2022 13:08

Instrument :

MSVOA_Y

ClientSampleId :

ML-1



Tgt Ion:152 Resp: 16148

Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 156.6 0.0 347.6

