

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012520.D
 Acq On : 07 Feb 2023 15:50
 Operator : KP/MD
 Sample : 01460-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-020623

Quant Time: Feb 08 01:45:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

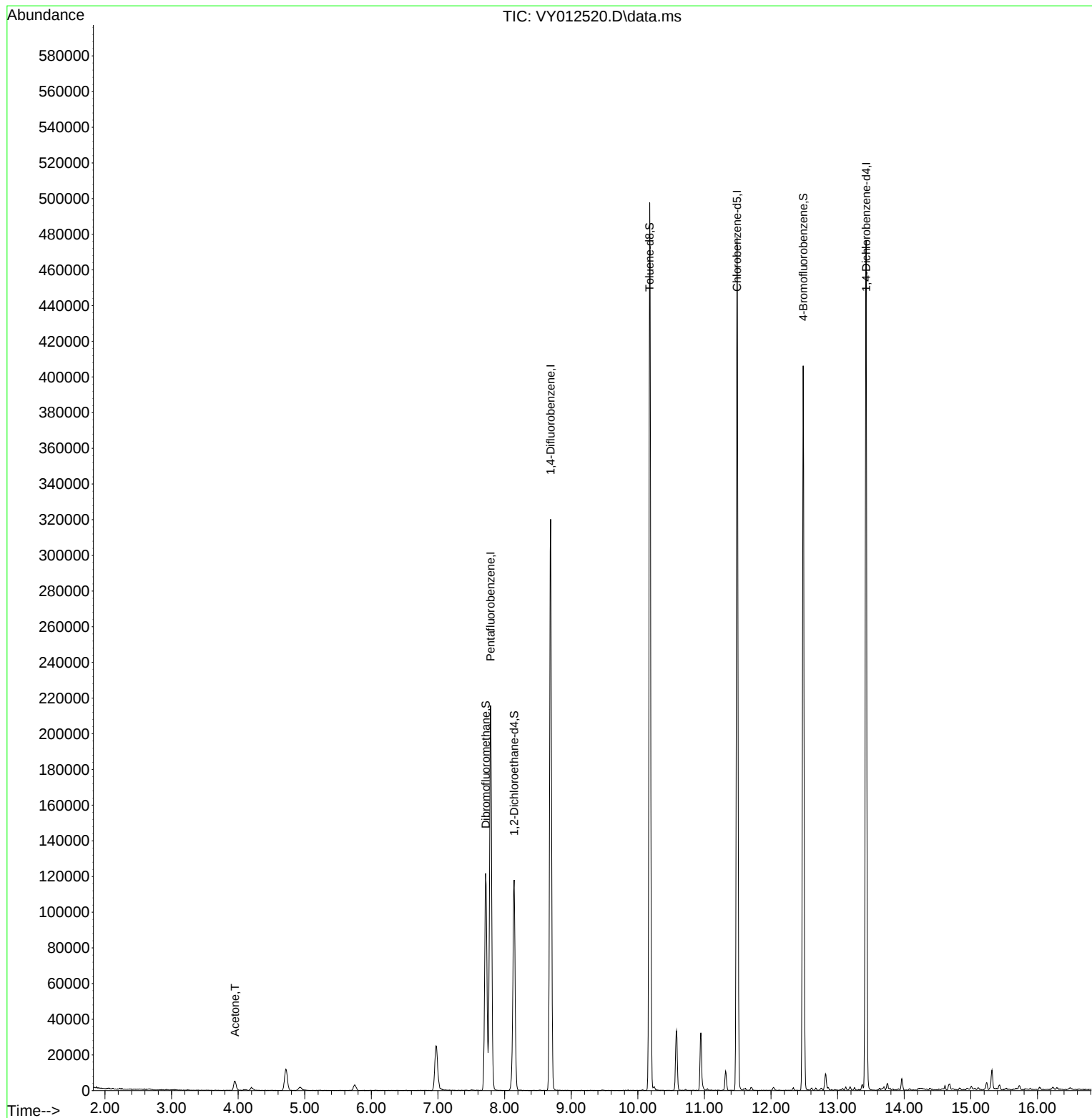
Internal Standards						
1) Pentafluorobenzene	7.789	168	170786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	285327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	274295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	94165	43.359	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.720%		
35) Dibromofluoromethane	7.716	113	84462	40.647	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.300%		
50) Toluene-d8	10.179	98	333562	38.567	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	77.140%		
62) 4-Bromofluorobenzene	12.483	95	112773	37.382	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	74.760%		
Target Compounds						
16) Acetone	3.954	43	9279	17.752	ug/l	Qvalue 96

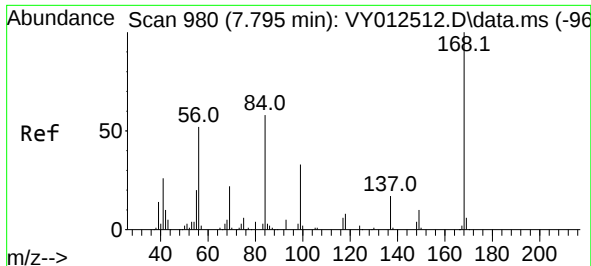
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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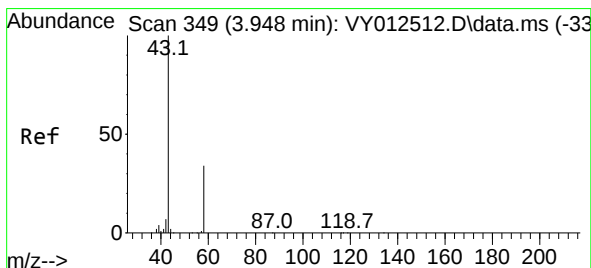
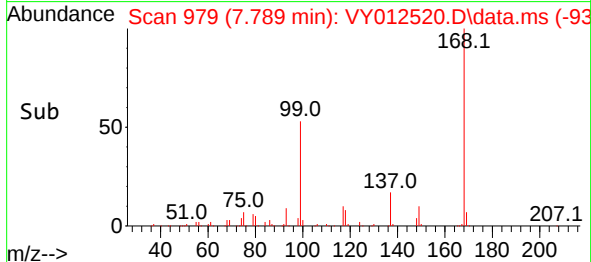
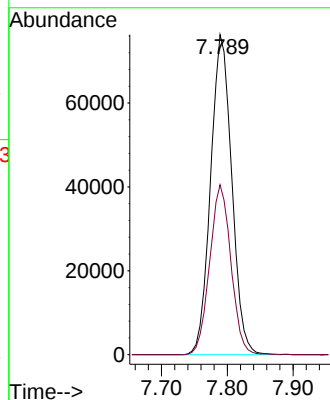
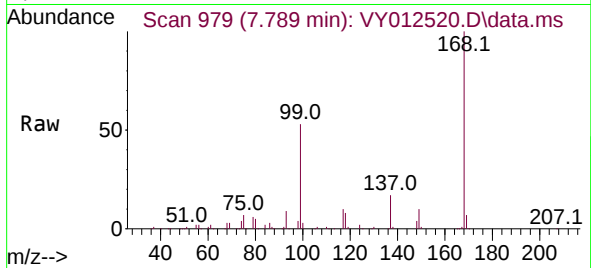




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

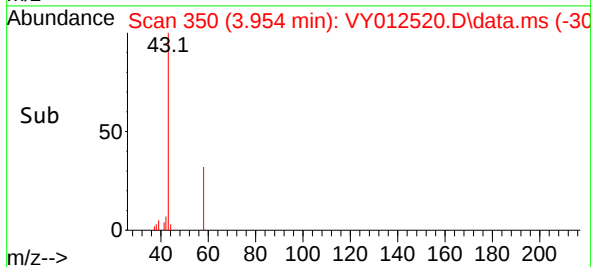
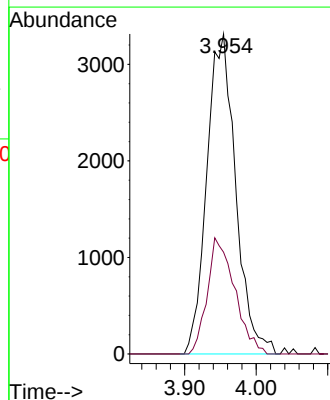
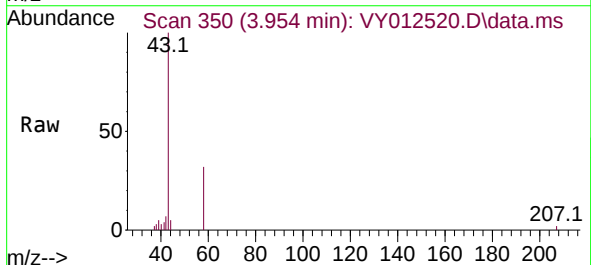
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-020623

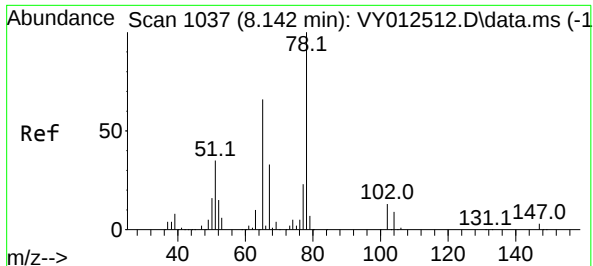
Tgt Ion:168 Resp: 170786
Ion Ratio Lower Upper
168 100
99 53.1 40.8 61.2



#16
Acetone
Concen: 17.752 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

Tgt Ion: 43 Resp: 9279
Ion Ratio Lower Upper
43 100
58 31.8 27.1 40.7





#33

1,2-Dichloroethane-d4

Concen: 43.359 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY012520.D

Acq: 07 Feb 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

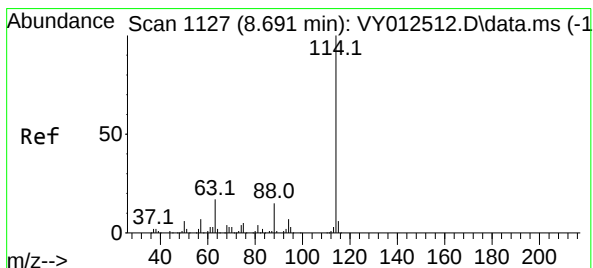
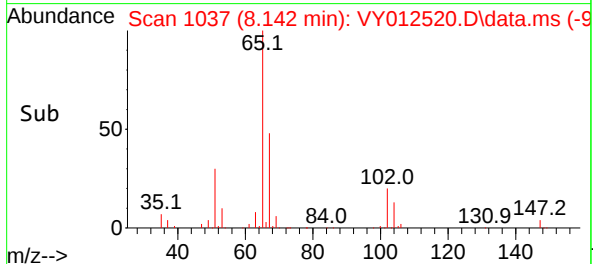
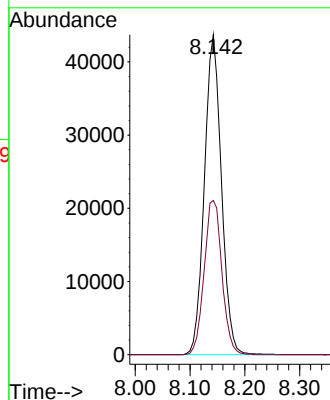
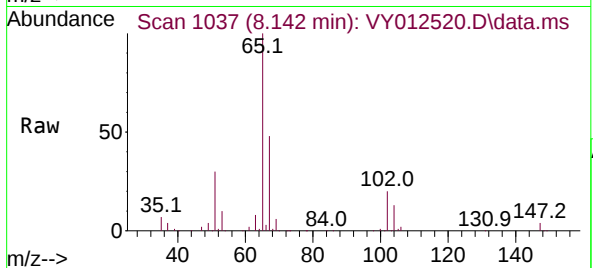
OR-2-020623

Tgt Ion: 65 Resp: 94165

Ion Ratio Lower Upper

65 100

67 50.2 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012520.D

Acq: 07 Feb 2023 15:50

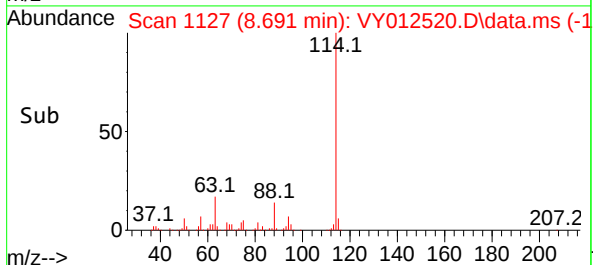
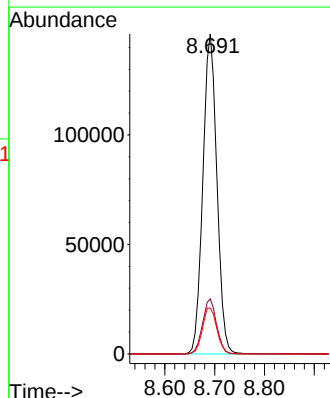
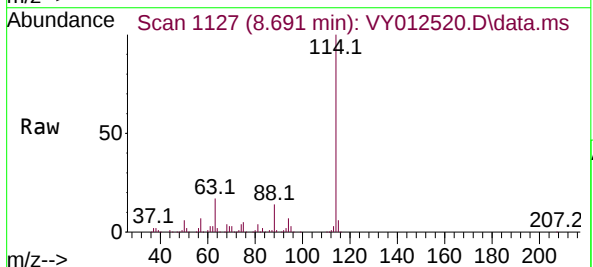
Tgt Ion: 114 Resp: 285327

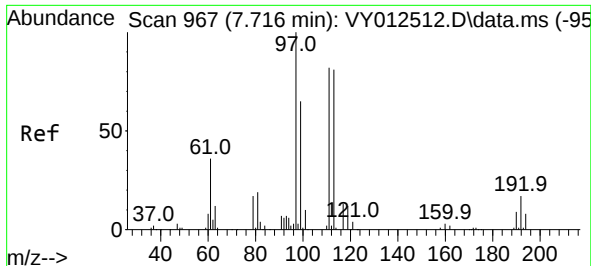
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.6

88 14.3 0.0 29.8

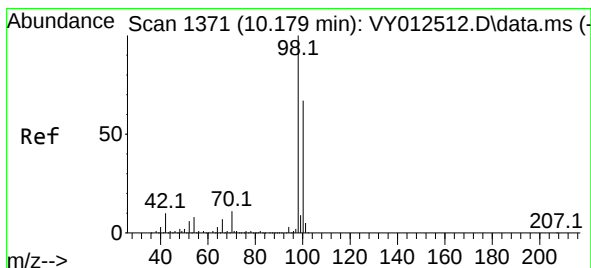
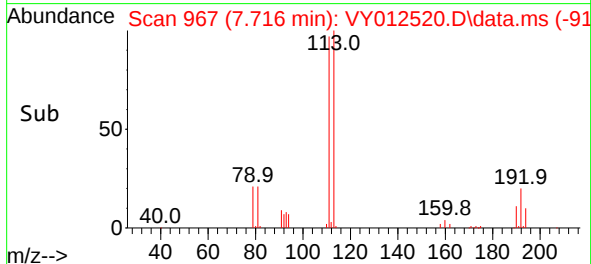
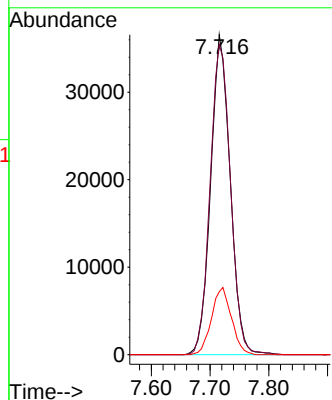
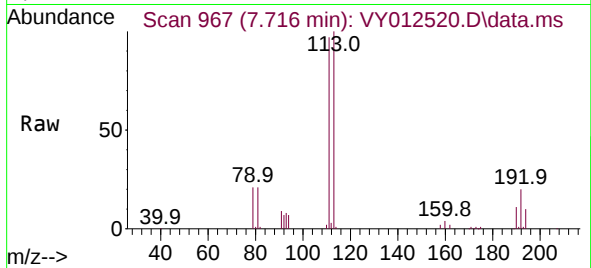




#35
Dibromofluoromethane
Concen: 40.647 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

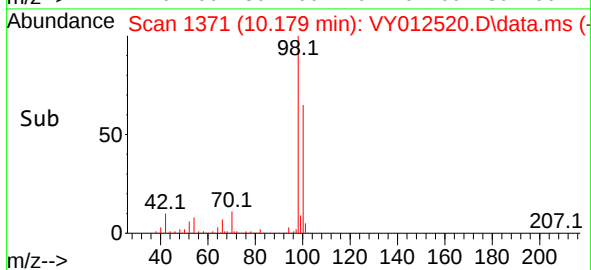
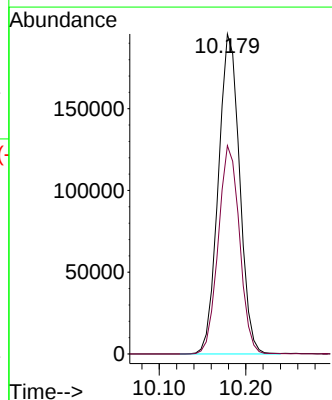
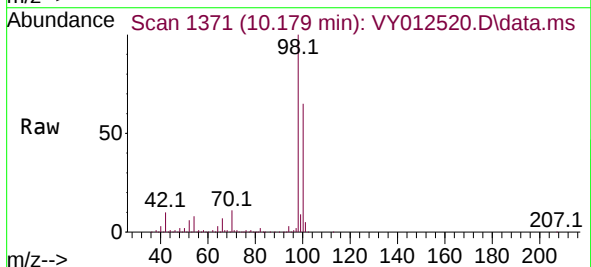
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-020623

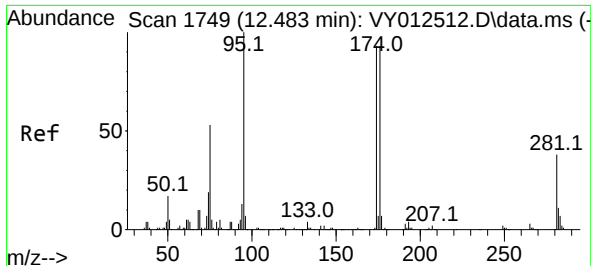
Tgt Ion:113 Resp: 84462
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 21.5 17.5 26.3



#50
Toluene-d8
Concen: 38.567 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

Tgt Ion: 98 Resp: 333562
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2

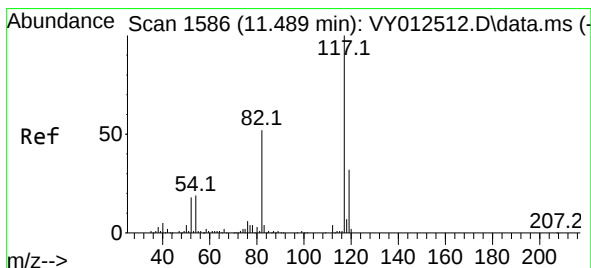
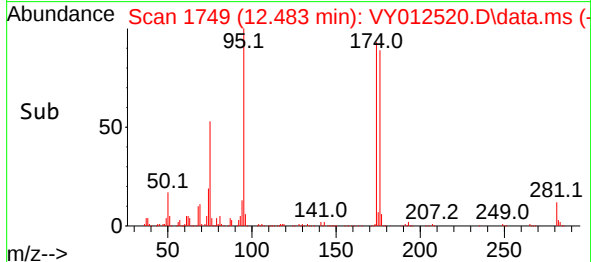
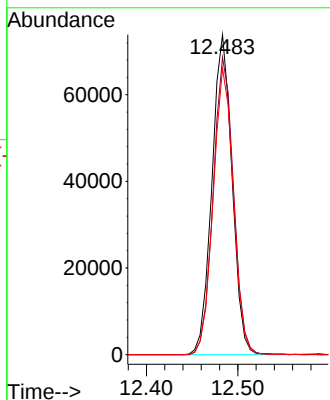
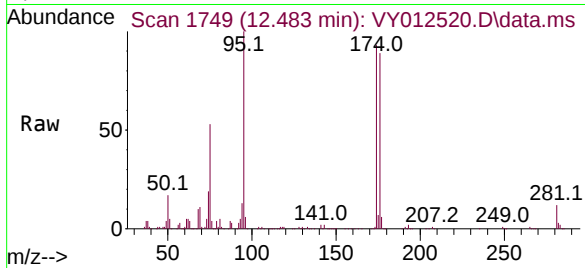




#62
4-Bromofluorobenzene
Concen: 37.382 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

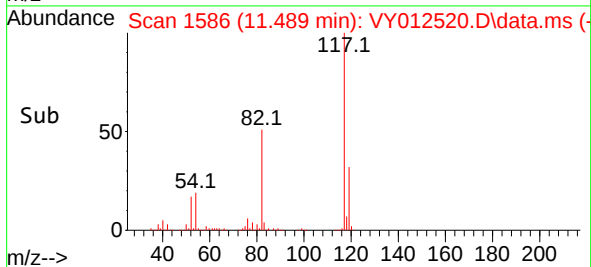
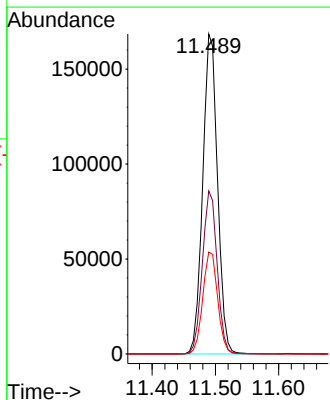
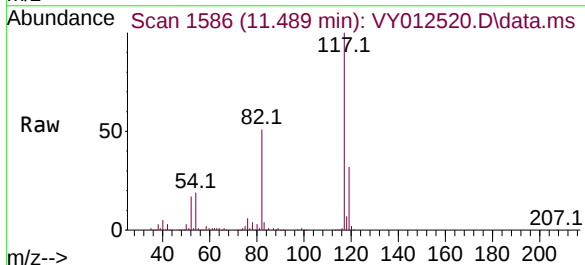
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-020623

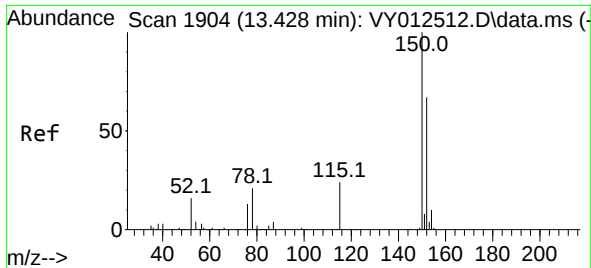
Tgt Ion: 95 Resp: 112773
Ion Ratio Lower Upper
95 100
174 94.2 0.0 188.0
176 90.2 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012520.D
Acq: 07 Feb 2023 15:50

Tgt Ion: 117 Resp: 274295
Ion Ratio Lower Upper
117 100
82 51.0 41.7 62.5
119 31.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012520.D

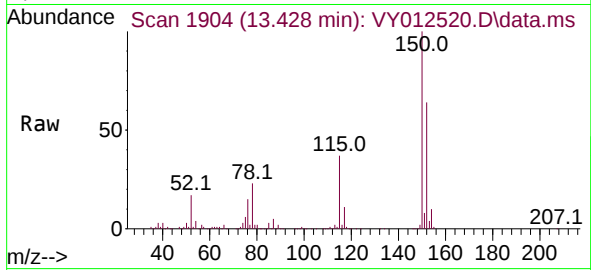
Acq: 07 Feb 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-020623



Tgt Ion:152 Resp: 127588

Ion Ratio Lower Upper

152 100

115 57.1 28.1 84.3

150 156.6 0.0 351.0

