

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022223\
 Data File : VY012693.D
 Acq On : 22 Feb 2023 20:47
 Operator : KP/MD
 Sample : 01640-02
 Misc : 3.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Feb 22 21:44:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

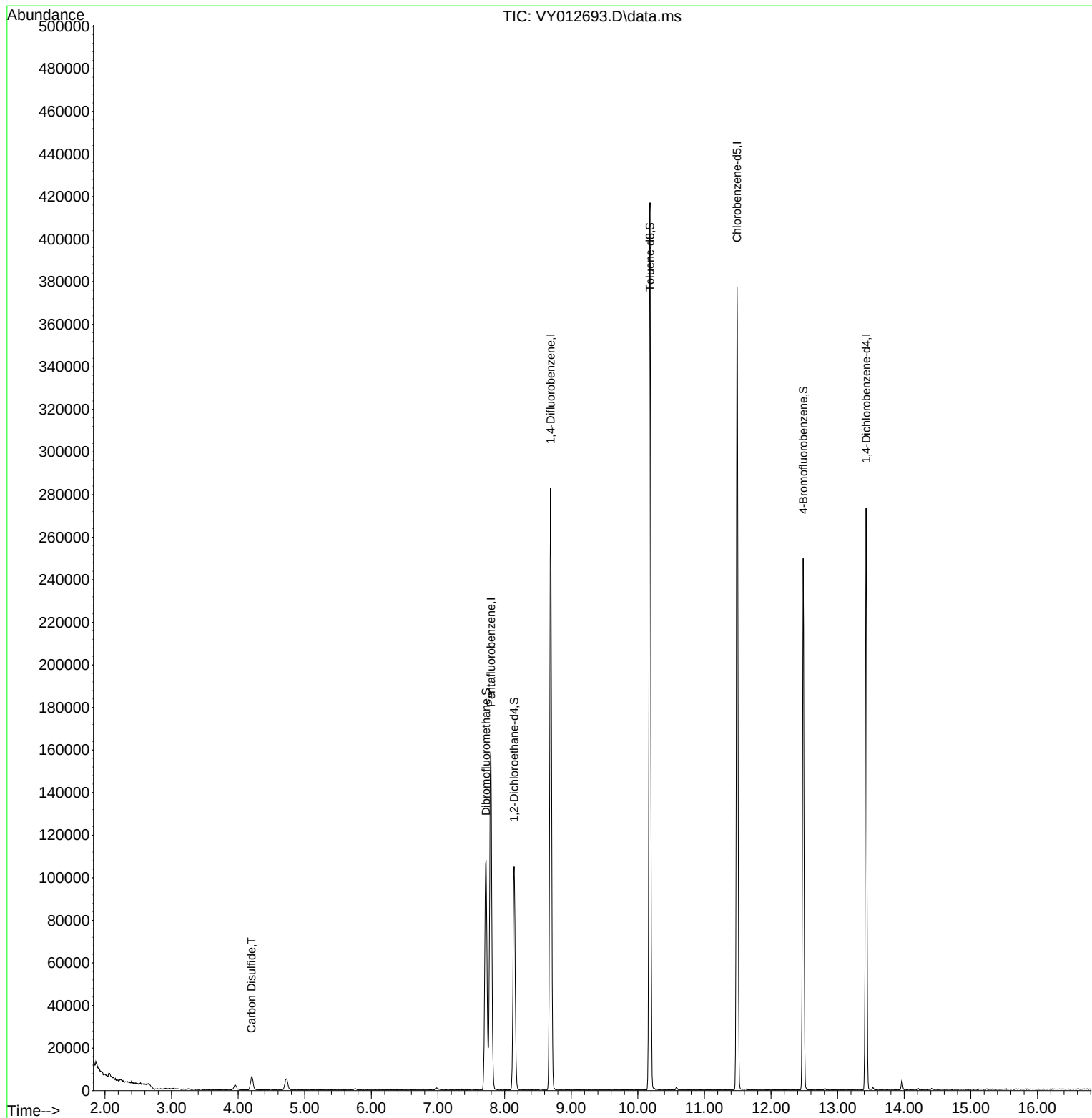
Internal Standards						
1) Pentafluorobenzene	7.795	168	124196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	195121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	83165	56.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.400%
35) Dibromofluoromethane	7.722	113	75473	49.146	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.185	98	271657	47.218	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.440%
62) 4-Bromofluorobenzene	12.483	95	71766	38.980	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.960%
Target Compounds						Qvalue
17) Carbon Disulfide	4.198	76	12224	2.769	ug/l	# 94

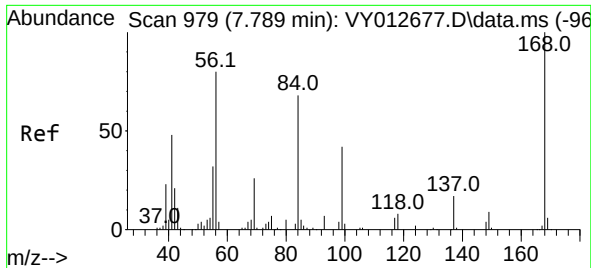
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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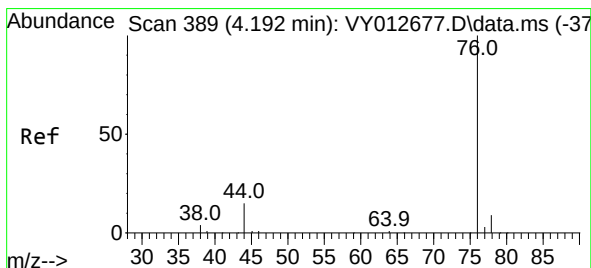
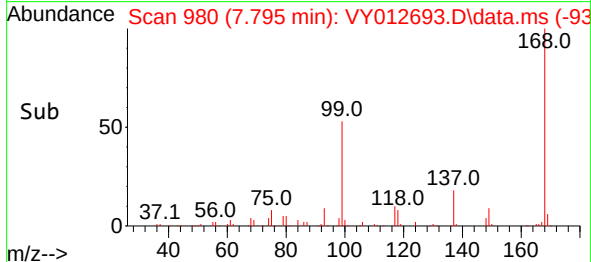
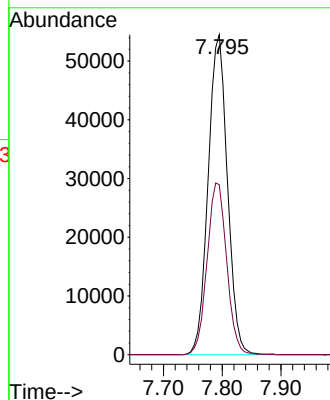
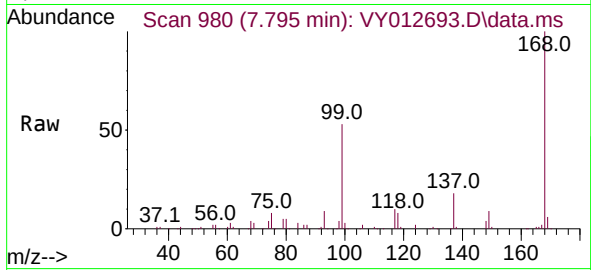




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012693.D
Acq: 22 Feb 2023 20:47

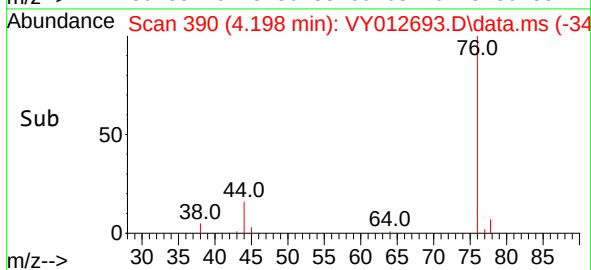
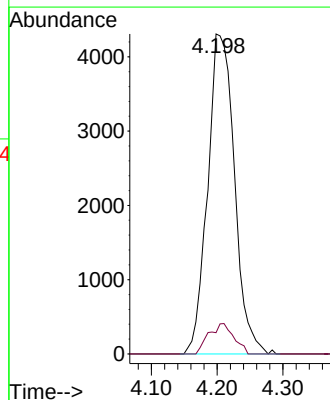
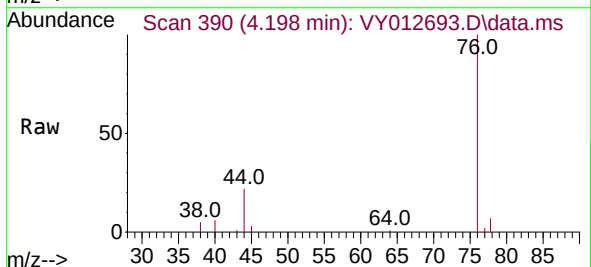
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

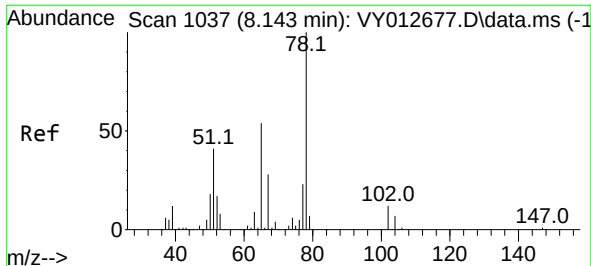
Tgt Ion:168 Resp: 124196
Ion Ratio Lower Upper
168 100
99 53.2 45.4 68.2



#17
Carbon Disulfide
Concen: 2.769 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012693.D
Acq: 22 Feb 2023 20:47

Tgt Ion: 76 Resp: 12224
Ion Ratio Lower Upper
76 100
78 6.7 7.1 10.7#





#33

1,2-Dichloroethane-d4

Concen: 56.698 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012693.D

Acq: 22 Feb 2023 20:47

Instrument :

MSVOA_Y

ClientSampleId :

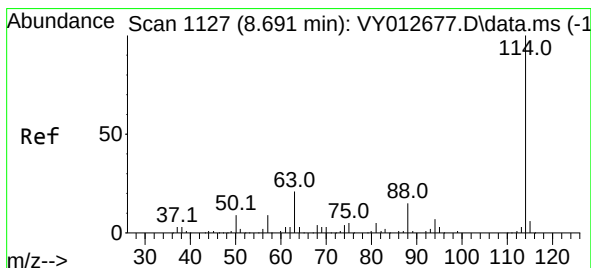
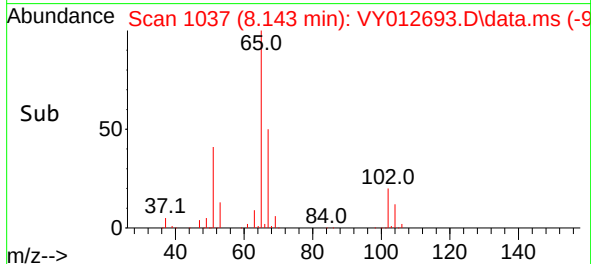
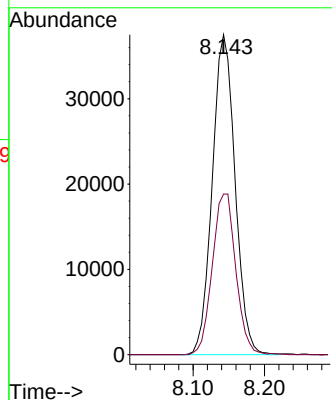
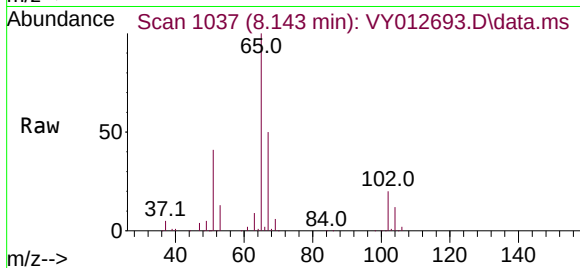
TP-2

Tgt Ion: 65 Resp: 83165

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012693.D

Acq: 22 Feb 2023 20:47

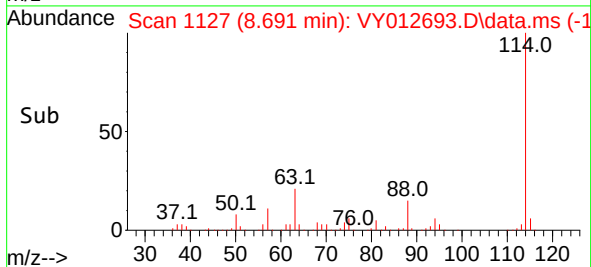
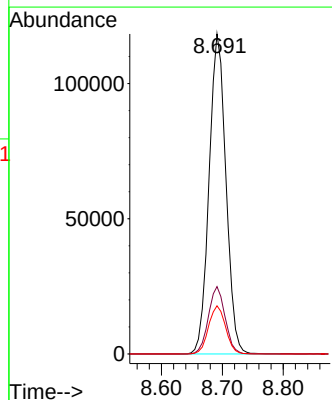
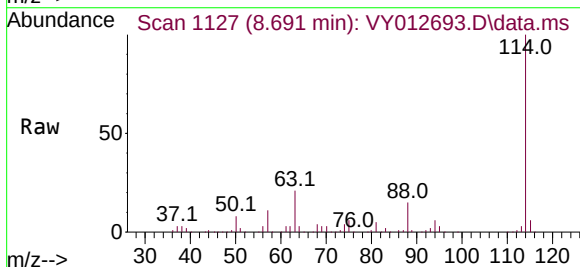
Tgt Ion: 114 Resp: 227362

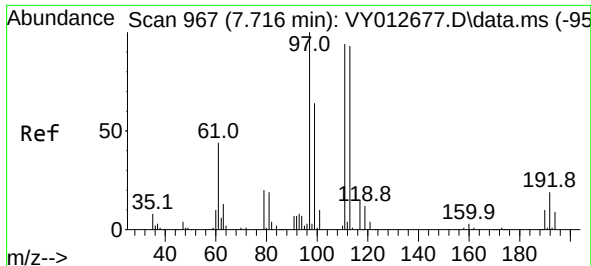
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

88 15.1 0.0 29.6

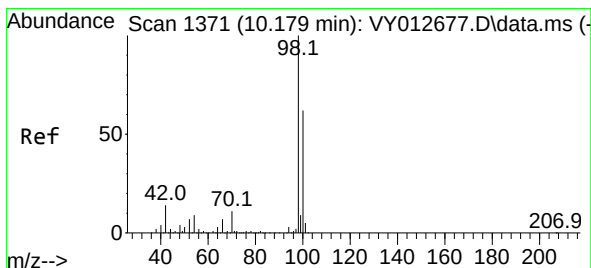
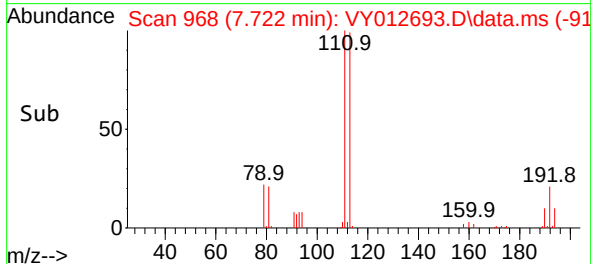
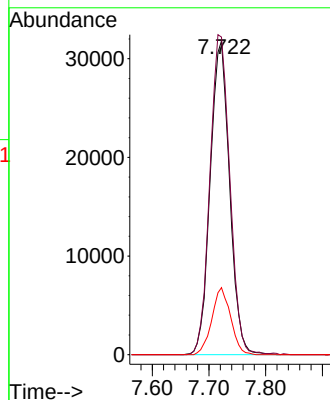
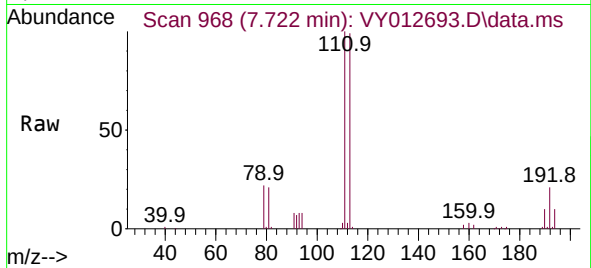




#35
Dibromofluoromethane
Concen: 49.146 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012693.D
Acq: 22 Feb 2023 20:47

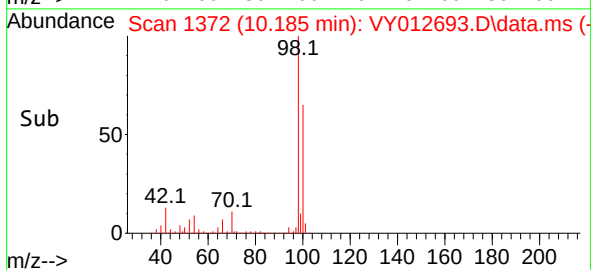
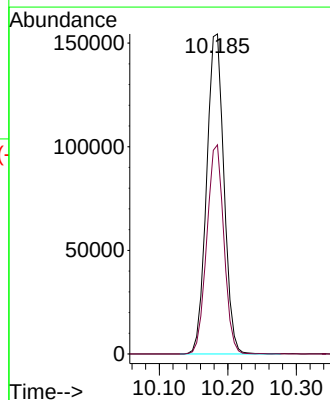
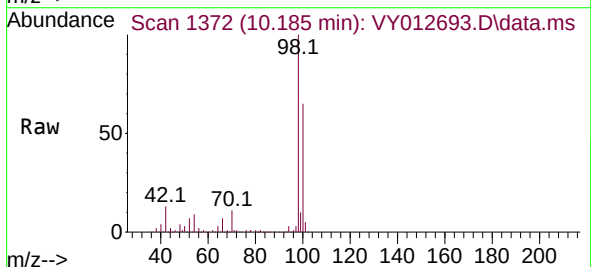
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

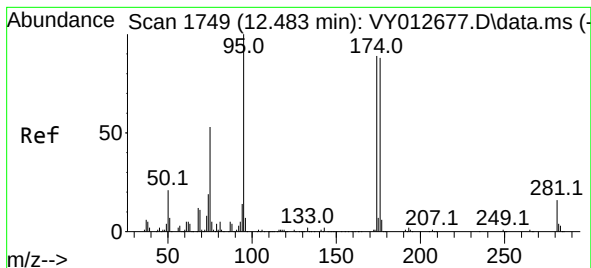
Tgt Ion:113 Resp: 75473
Ion Ratio Lower Upper
113 100
111 104.8 82.0 123.0
192 20.7 16.2 24.2



#50
Toluene-d8
Concen: 47.218 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012693.D
Acq: 22 Feb 2023 20:47

Tgt Ion: 98 Resp: 271657
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8

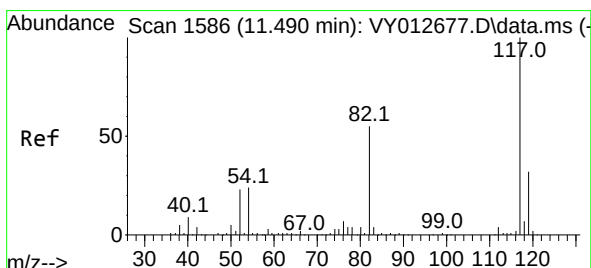
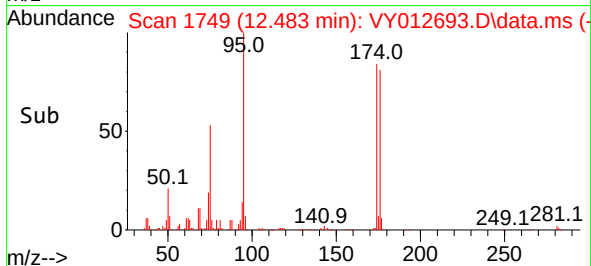
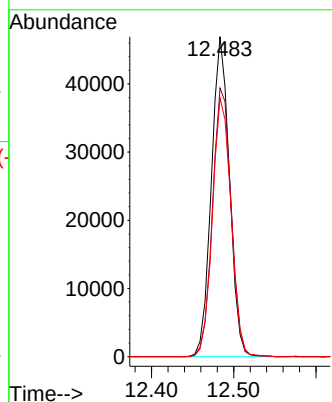
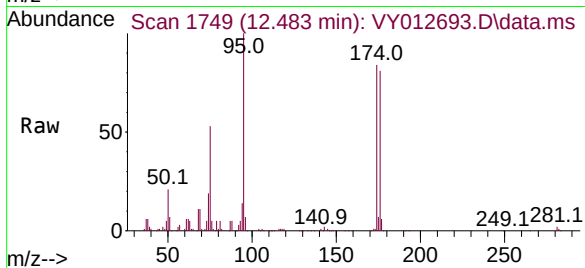




#62
4-Bromofluorobenzene
Concen: 38.980 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012693.D
Acq: 22 Feb 2023 20:47

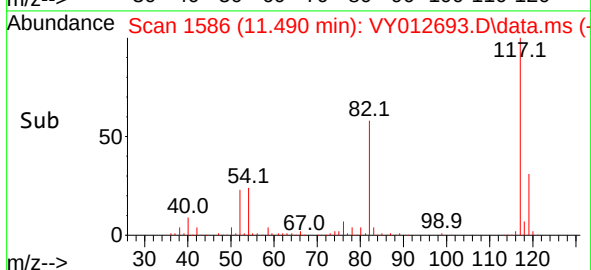
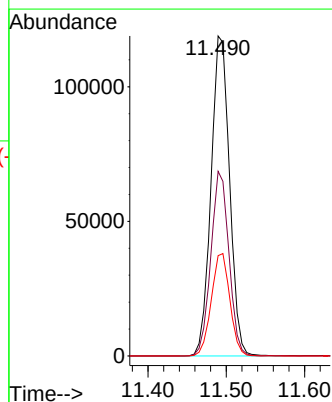
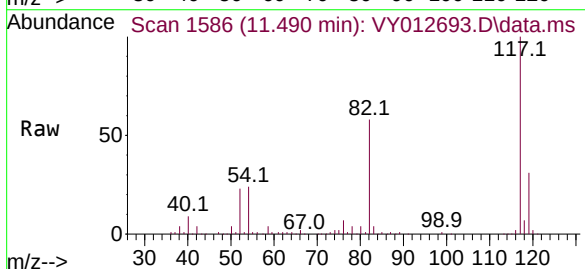
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

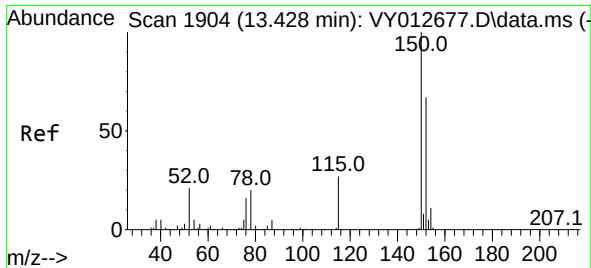
Tgt Ion: 95 Resp: 71766
Ion Ratio Lower Upper
95 100
174 87.0 0.0 172.8
176 83.3 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012693.D
Acq: 22 Feb 2023 20:47

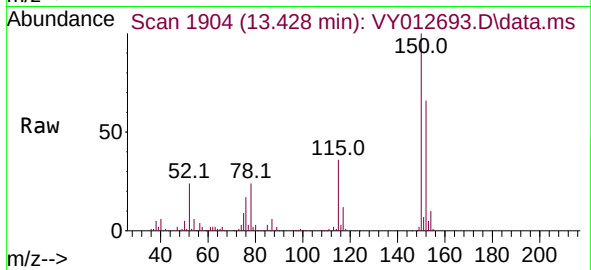
Tgt Ion: 117 Resp: 195121
Ion Ratio Lower Upper
117 100
82 57.7 44.1 66.1
119 31.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012693.D
 Acq: 22 Feb 2023 20:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2



Tgt Ion:152 Resp: 68255
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.7 86.3
 150 155.6 0.0 347.6

