

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012607.D
 Acq On : 15 Feb 2023 12:09
 Operator : KP/MD
 Sample : 01552-17
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-0-2.0

Quant Time: Feb 16 00:52:40 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)

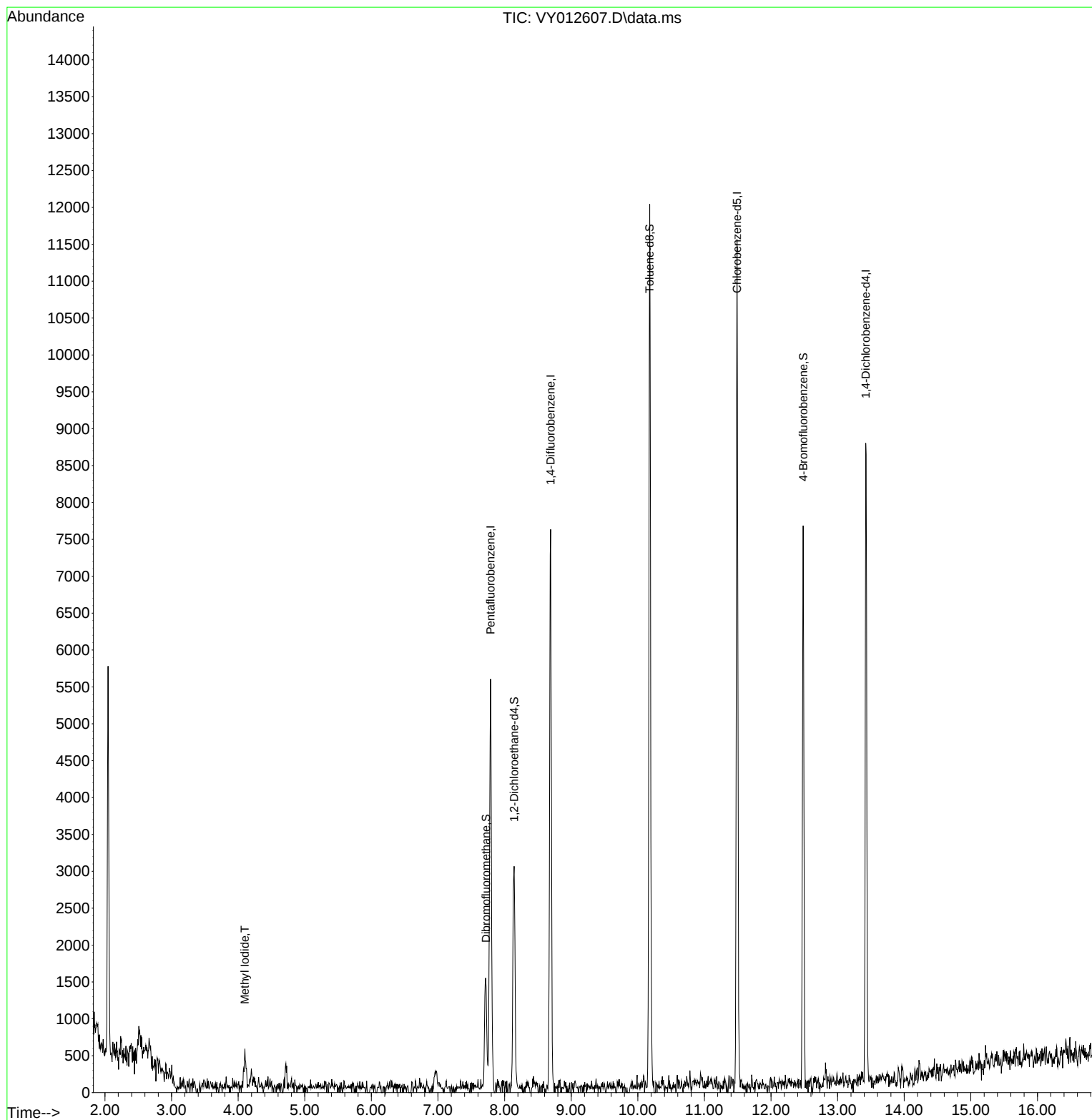
Internal Standards						
1) Pentafluorobenzene	7.789	168	4746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2865	47.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.940%
35) Dibromofluoromethane	7.722	113	1235	22.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	44.920%#
50) Toluene-d8	10.179	98	8695	37.993	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	75.980%
62) 4-Bromofluorobenzene	12.483	95	2509	31.431	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.860%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	642	10.356	ug/l #	92

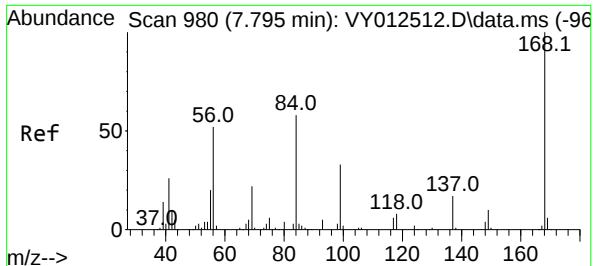
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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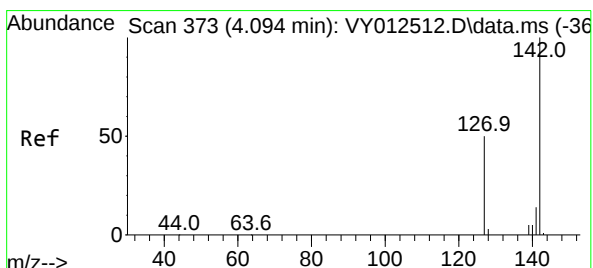
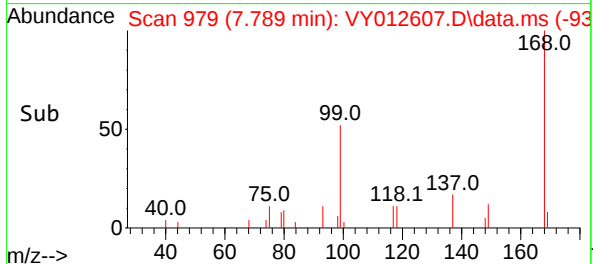
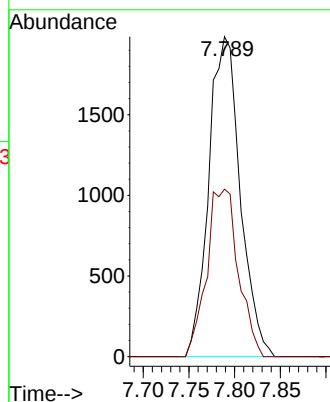
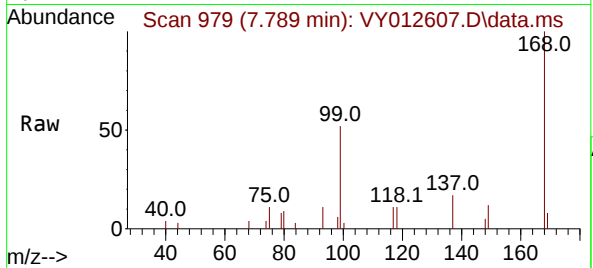




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012607.D
Acq: 15 Feb 2023 12:09

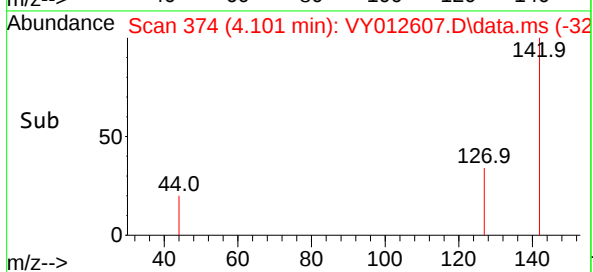
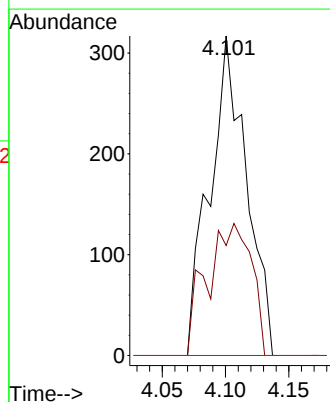
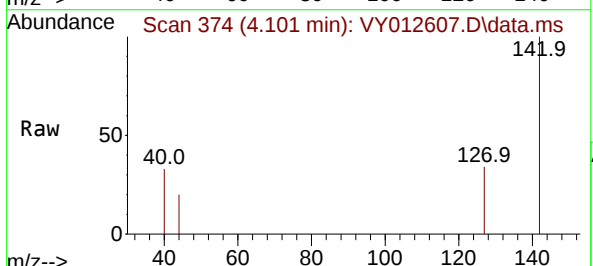
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

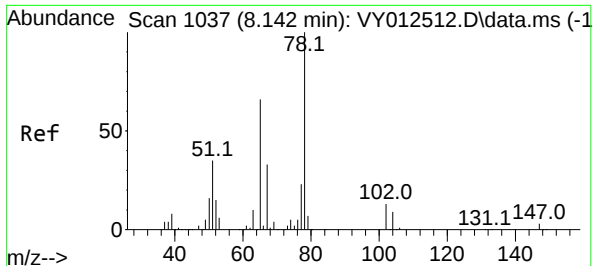
Tgt Ion:168 Resp: 4746
Ion Ratio Lower Upper
168 100
99 52.3 40.8 61.2



#10
Methyl Iodide
Concen: 10.356 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY012607.D
Acq: 15 Feb 2023 12:09

Tgt Ion:142 Resp: 642
Ion Ratio Lower Upper
142 100
127 50.0 39.8 59.6
141 0.0 11.6 17.4#





#33

1,2-Dichloroethane-d4

Concen: 47.472 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY012607.D

Acq: 15 Feb 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

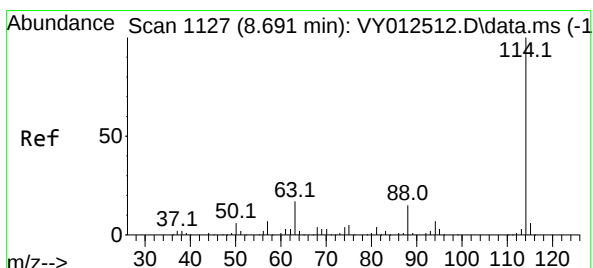
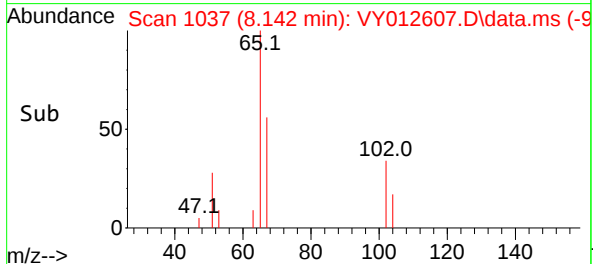
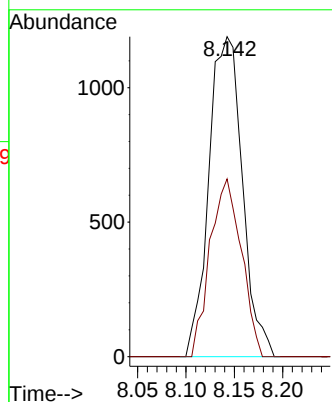
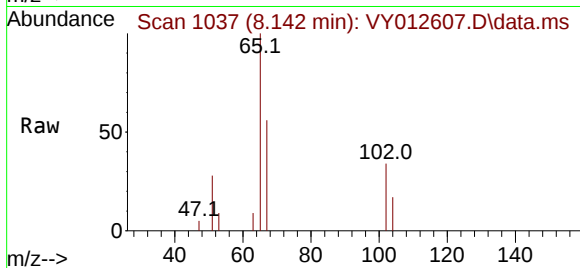
SB-02-0-2.0

Tgt Ion: 65 Resp: 2865

Ion Ratio Lower Upper

65 100

67 51.9 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: VY012607.D

Acq: 15 Feb 2023 12:09

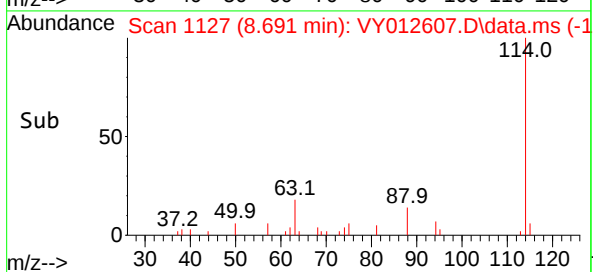
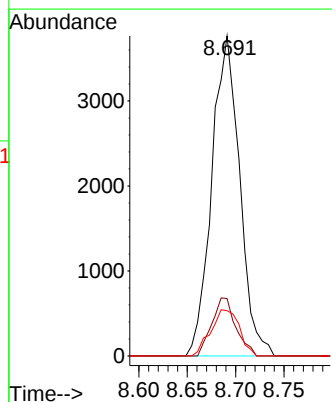
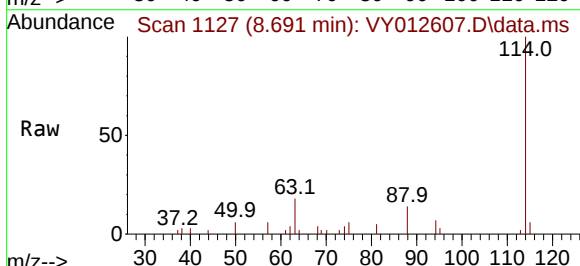
Tgt Ion: 114 Resp: 7550

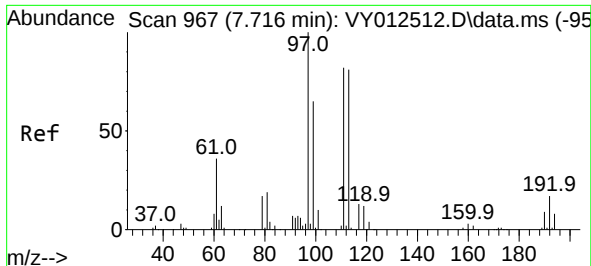
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.6

88 14.1 0.0 29.8

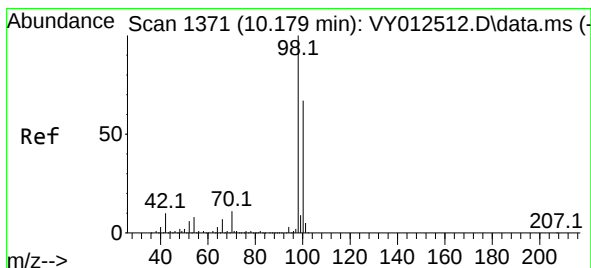
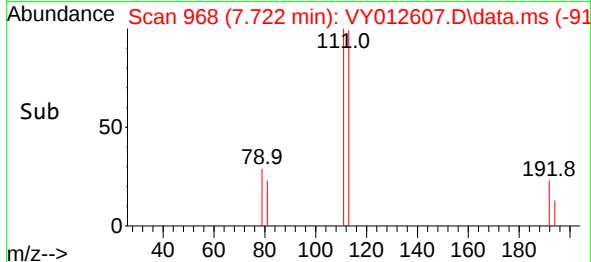
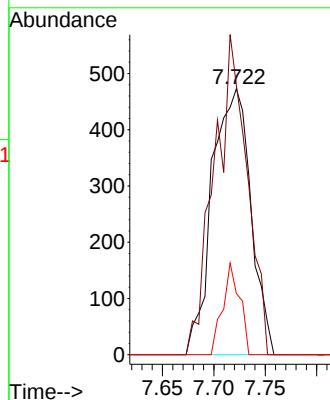
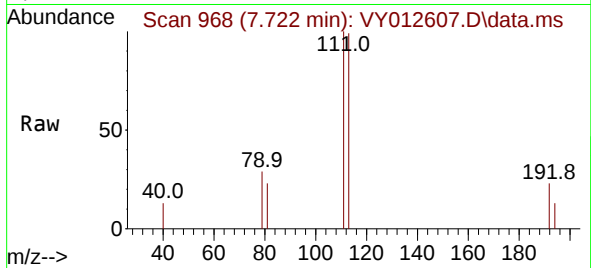




#35
 Dibromofluoromethane
 Concen: 22.461 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY012607.D
 Acq: 15 Feb 2023 12:09

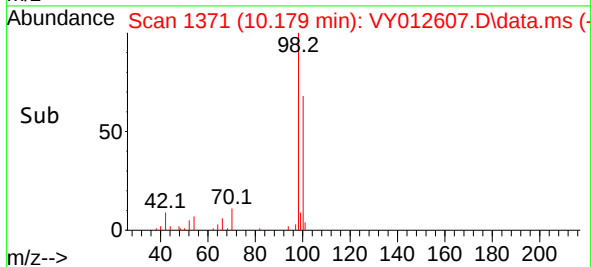
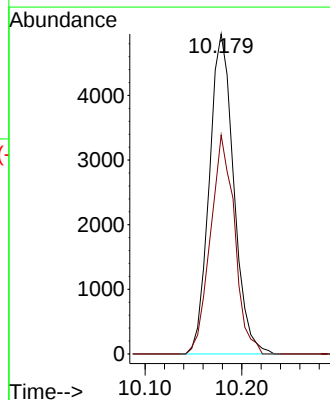
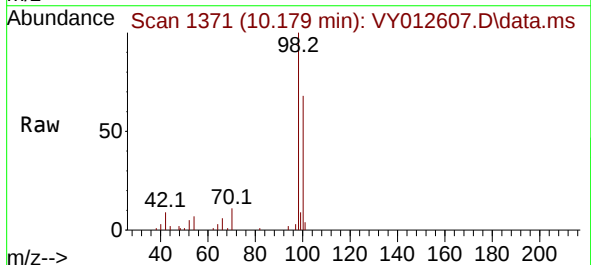
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-0-2.0

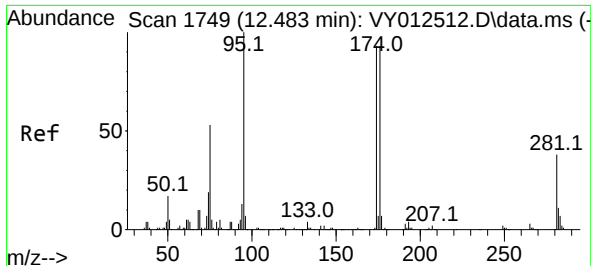
Tgt Ion:113 Resp: 1235
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 15.1 17.5 26.3#



#50
 Toluene-d8
 Concen: 37.993 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY012607.D
 Acq: 15 Feb 2023 12:09

Tgt Ion: 98 Resp: 8695
 Ion Ratio Lower Upper
 98 100
 100 67.4 52.2 78.2

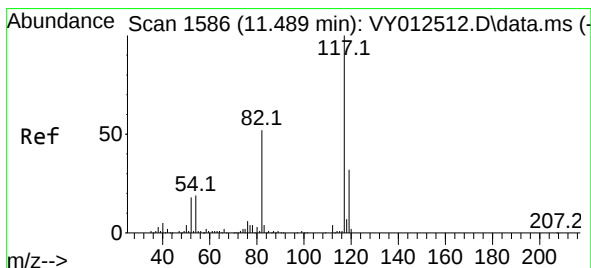
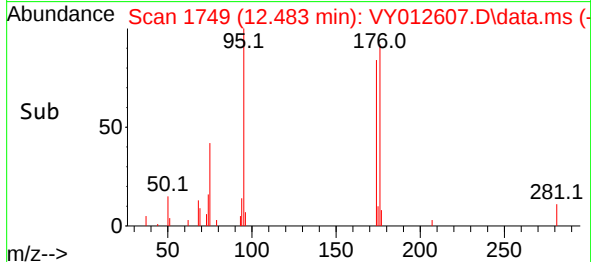
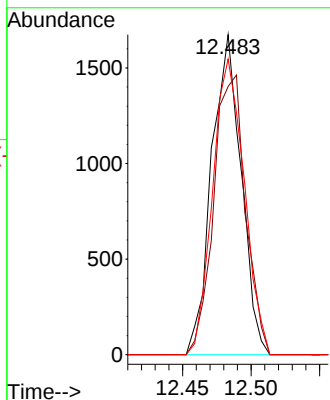
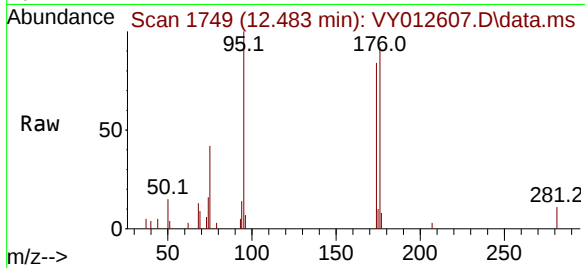




#62
4-Bromofluorobenzene
Concen: 31.431 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012607.D
Acq: 15 Feb 2023 12:09

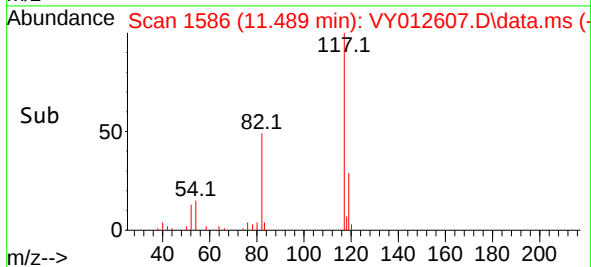
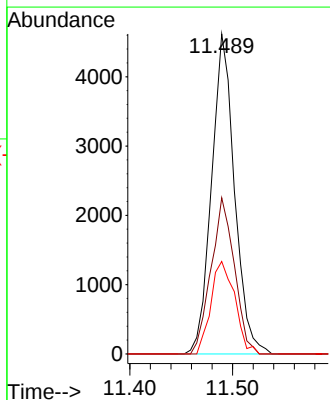
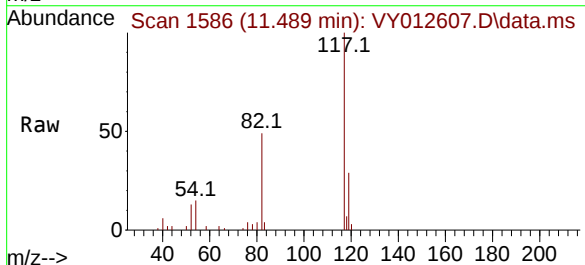
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

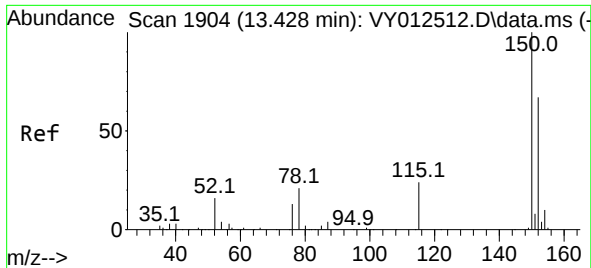
Tgt Ion:	95	Resp:	2509
Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	188.0
176	98.7	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012607.D
Acq: 15 Feb 2023 12:09

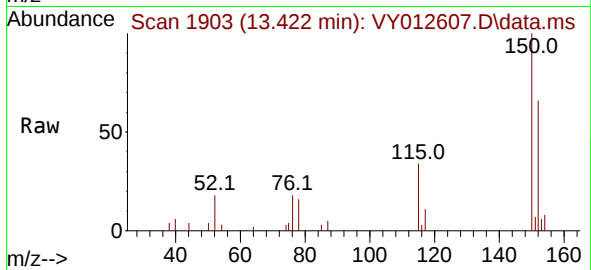
Tgt Ion:	117	Resp:	7156
Ion	Ratio	Lower	Upper
117	100		
82	48.8	41.7	62.5
119	28.9	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY012607.D
 Acq: 15 Feb 2023 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-0-2.0



Tgt Ion:152 Resp: 2733
 Ion Ratio Lower Upper
 152 100
 115 53.5 28.1 84.3
 150 156.2 0.0 351.0

