

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012598.D
 Acq On : 14 Feb 2023 19:19
 Operator : KP/MD
 Sample : 01552-09
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-4.0-6.0

Quant Time: Feb 15 01:34:16 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	48889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	76131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	67053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	27561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	22612	36.372	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.740%
35) Dibromofluoromethane	7.716	113	21661	39.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.140%
50) Toluene-d8	10.179	98	88035	38.148	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.300%
62) 4-Bromofluorobenzene	12.483	95	22851	28.389	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	56.780%

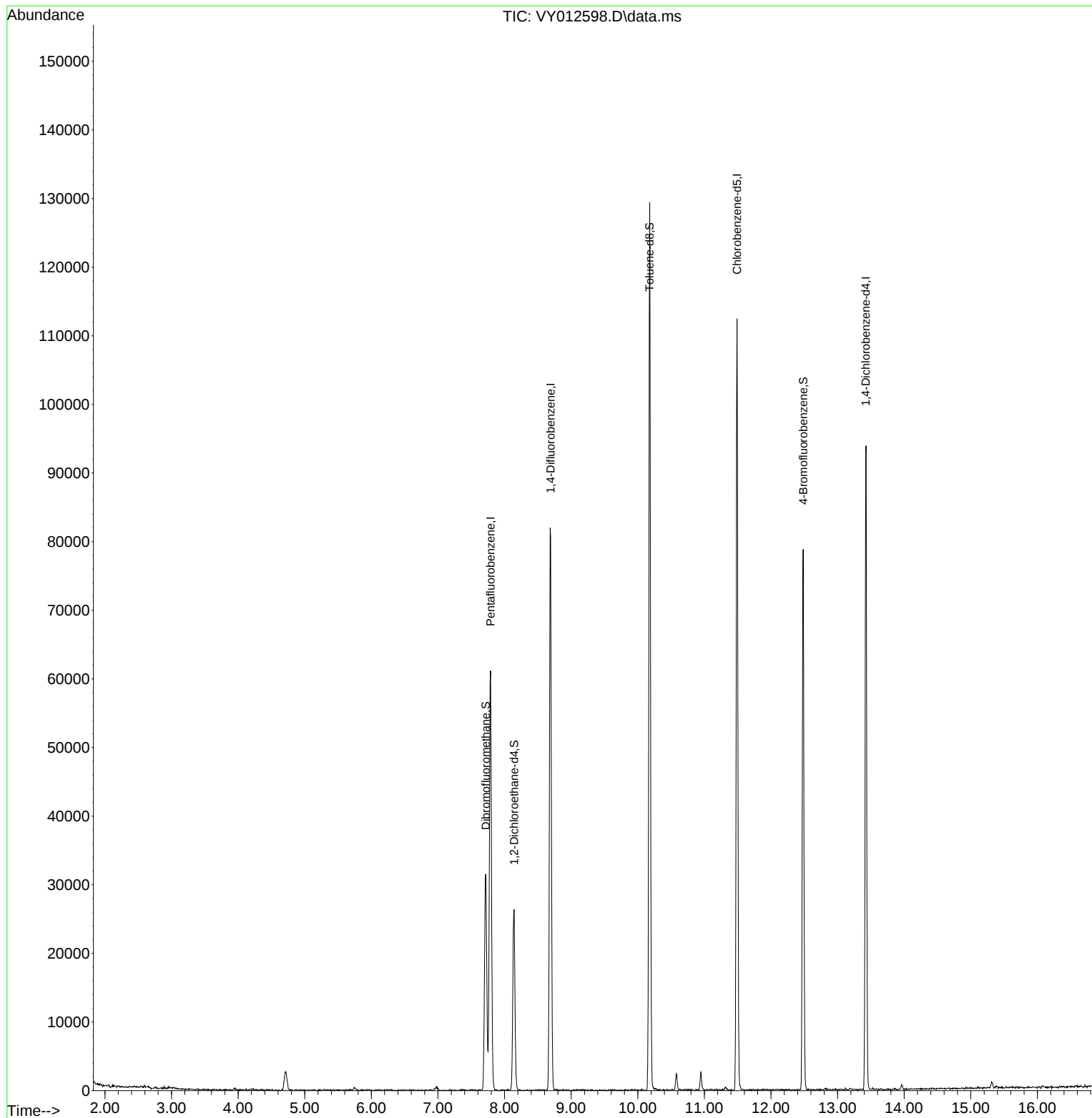
Target Compounds	Qvalue

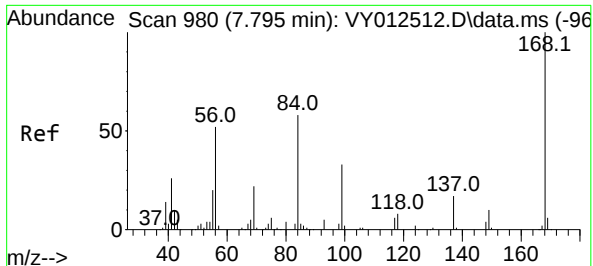
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
Data File : VY012598.D
Acq On : 14 Feb 2023 19:19
Operator : KP/MD
Sample : 01552-09
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-4.0-6.0

Quant Time: Feb 15 01:34:16 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

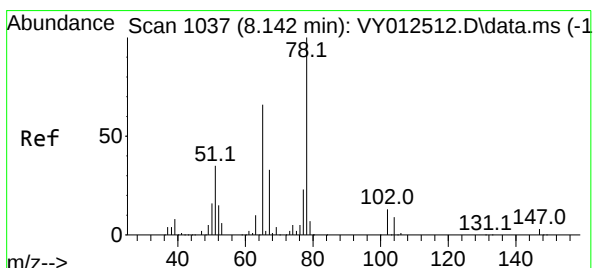
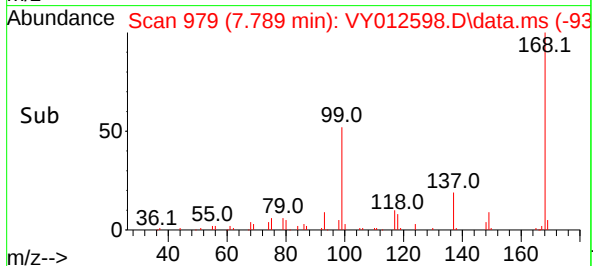
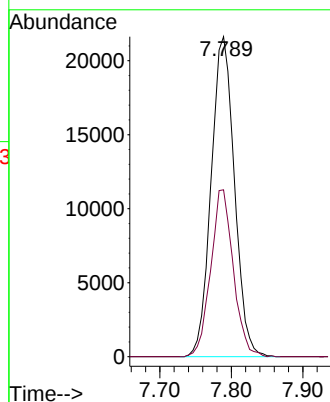
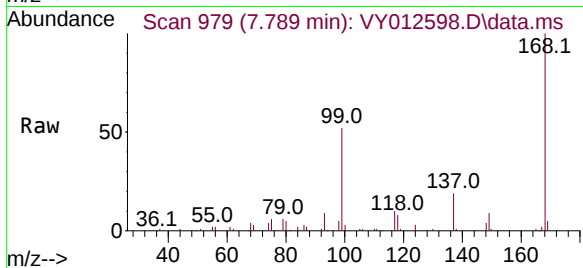




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012598.D
Acq: 14 Feb 2023 19:19

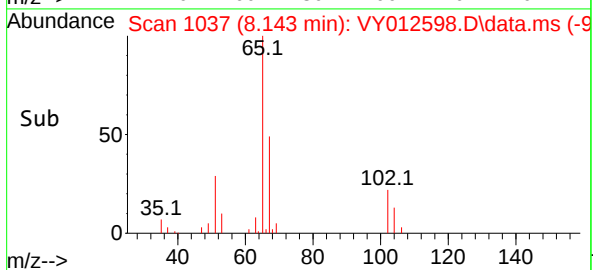
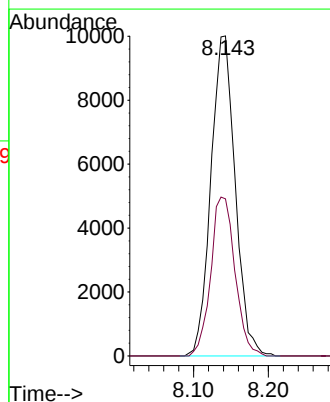
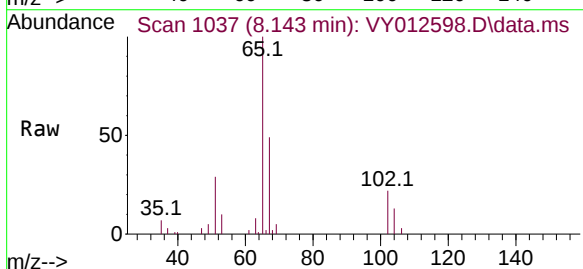
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-4.0-6.0

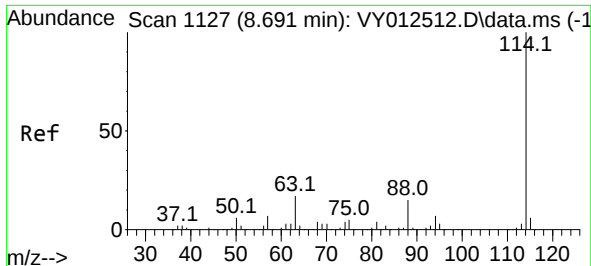
Tgt Ion:168 Resp: 48889
Ion Ratio Lower Upper
168 100
99 52.2 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 36.372 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012598.D
Acq: 14 Feb 2023 19:19

Tgt Ion: 65 Resp: 22612
Ion Ratio Lower Upper
65 100
67 49.6 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: VY012598.D

Acq: 14 Feb 2023 19:19

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-4.0-6.0

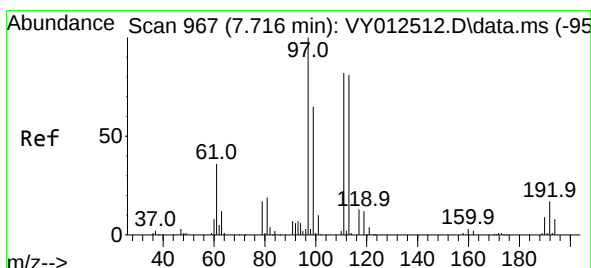
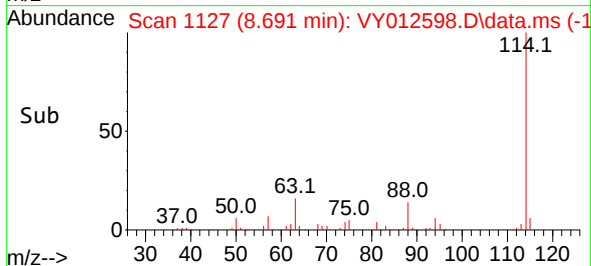
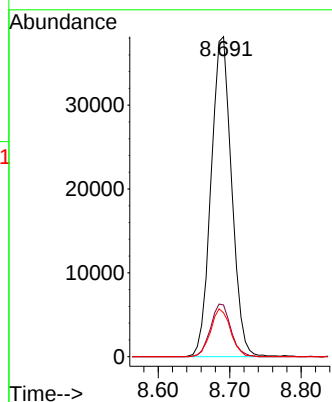
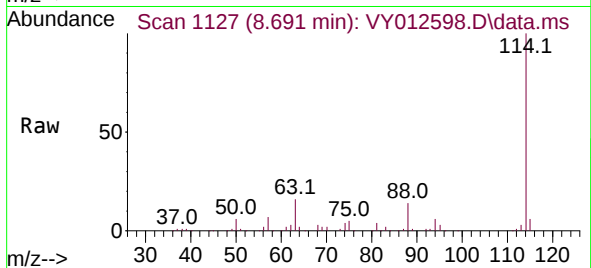
Tgt Ion:114 Resp: 76131

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.6

88 13.7 0.0 29.8



#35

Dibromofluoromethane

Concen: 39.069 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012598.D

Acq: 14 Feb 2023 19:19

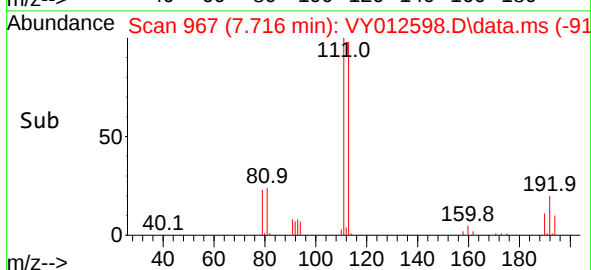
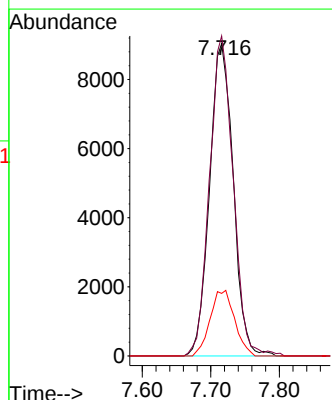
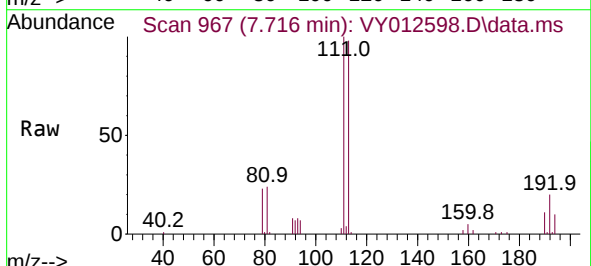
Tgt Ion:113 Resp: 21661

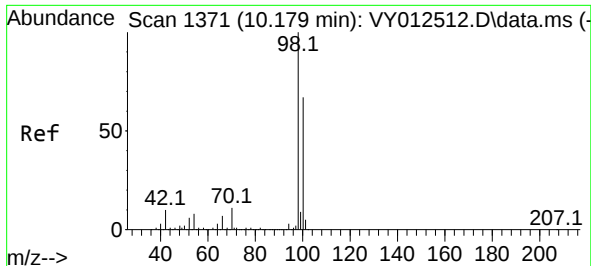
Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

192 21.8 17.5 26.3

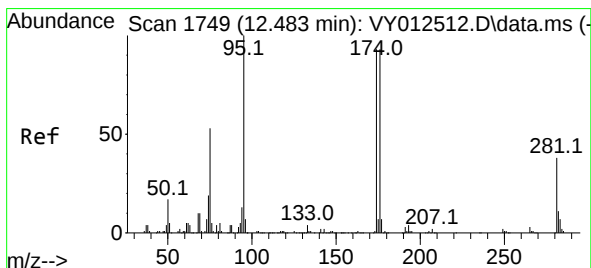
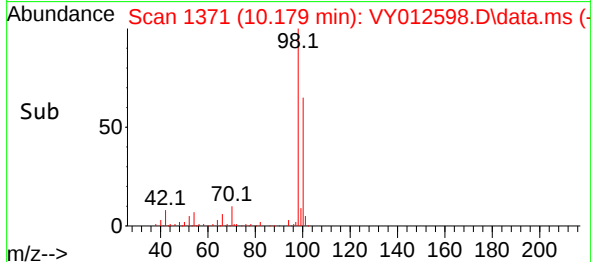
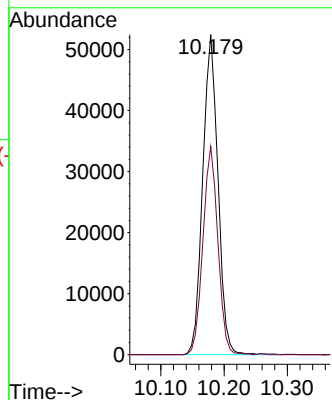
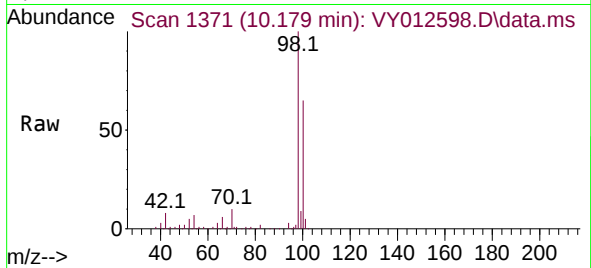




#50
Toluene-d8
Concen: 38.148 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012598.D
Acq: 14 Feb 2023 19:19

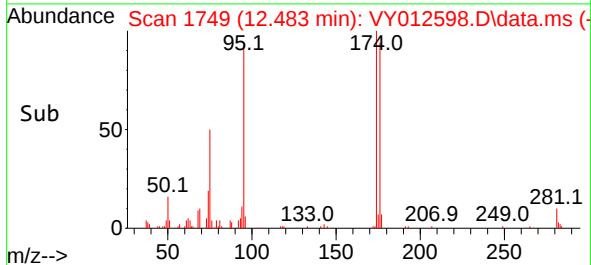
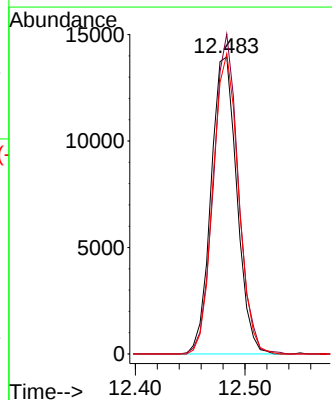
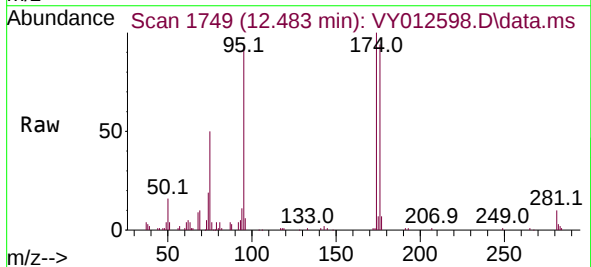
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-4.0-6.0

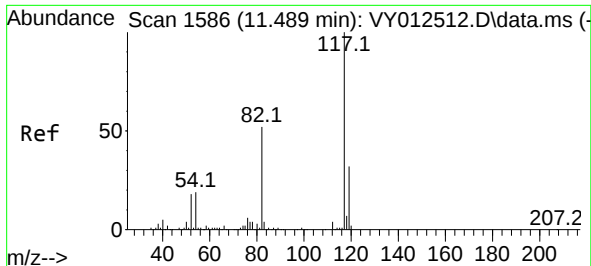
Tgt Ion: 98 Resp: 88035
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 28.389 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012598.D
Acq: 14 Feb 2023 19:19

Tgt Ion: 95 Resp: 22851
Ion Ratio Lower Upper
95 100
174 103.3 0.0 188.0
176 99.6 0.0 183.6

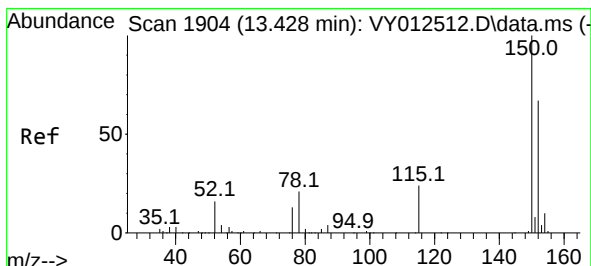
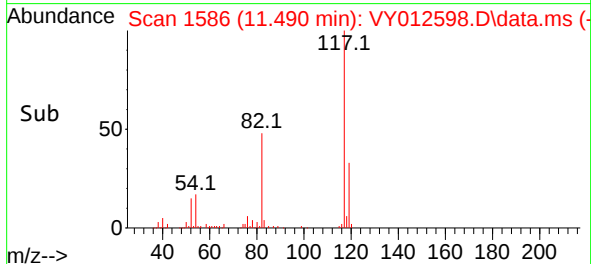
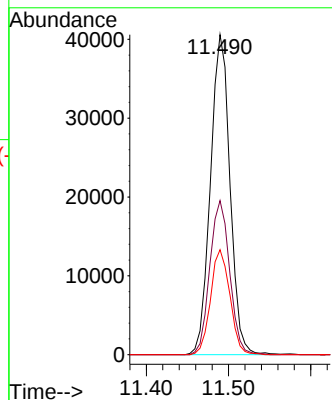
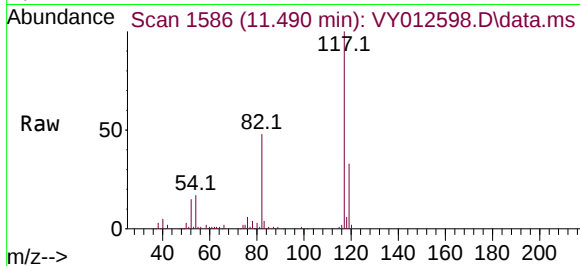




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012598.D
Acq: 14 Feb 2023 19:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-4.0-6.0

Tgt Ion	Ratio	Lower	Upper
117	100		
82	48.2	41.7	62.5
119	32.8	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: VY012598.D
Acq: 14 Feb 2023 19:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.1	28.1	84.3
150	157.9	0.0	351.0

