

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012592.D
 Acq On : 14 Feb 2023 16:58
 Operator : KP/MD
 Sample : 01552-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Feb 15 01:30:45 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	5941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	10234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	10335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4111	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4357	57.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.340%
35) Dibromofluoromethane	7.716	113	1911	25.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.280%#
50) Toluene-d8	10.179	98	12078	38.934	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.860%
62) 4-Bromofluorobenzene	12.483	95	3771	34.851	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.700%

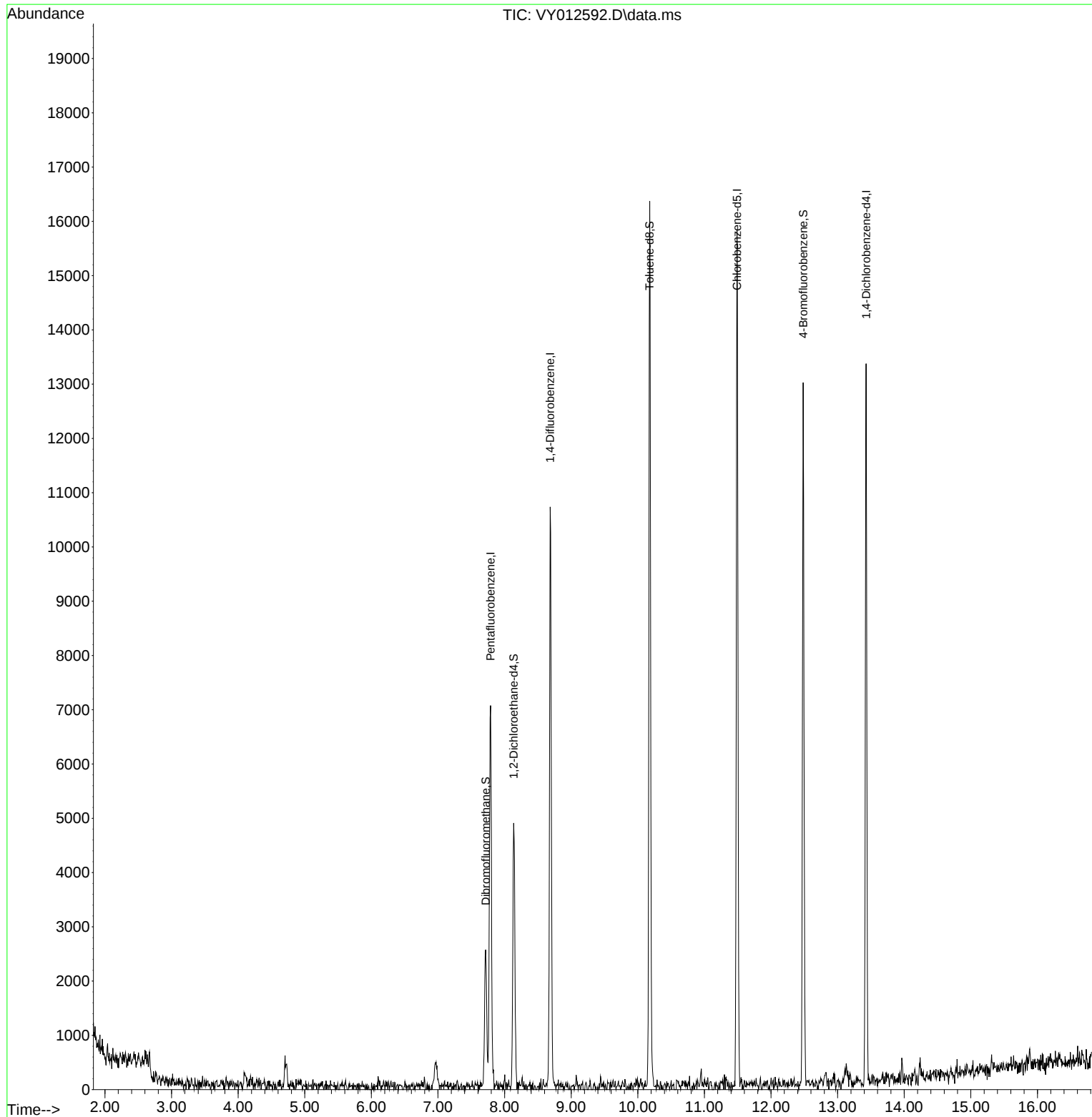
Target Compounds	Qvalue

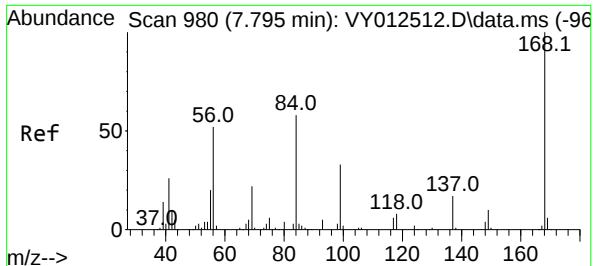
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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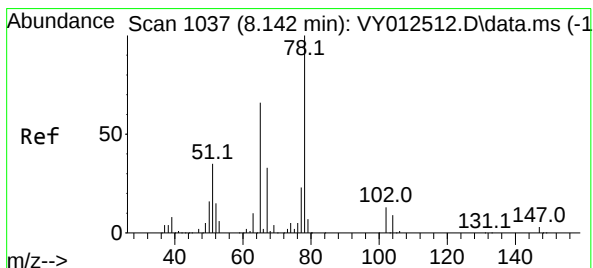
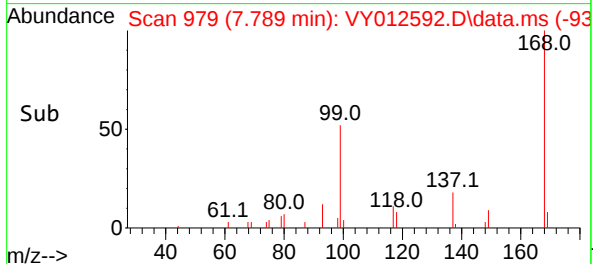
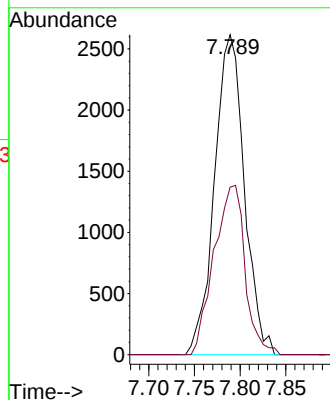
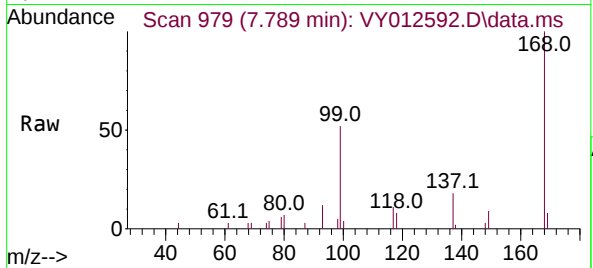




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012592.D
Acq: 14 Feb 2023 16:58

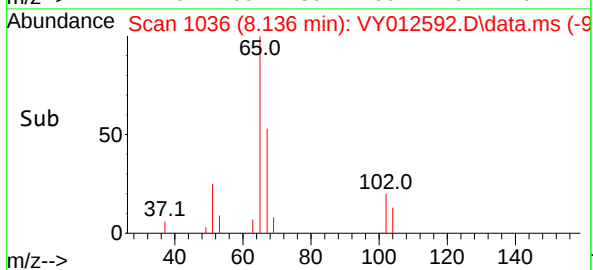
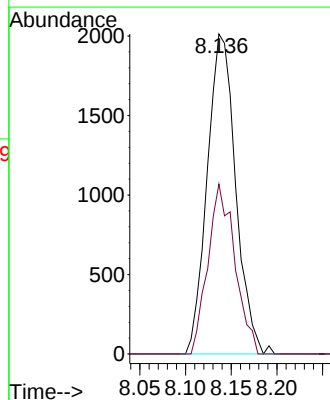
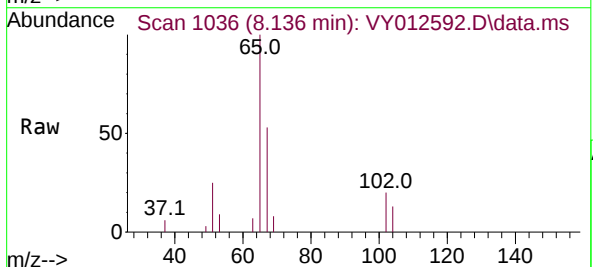
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

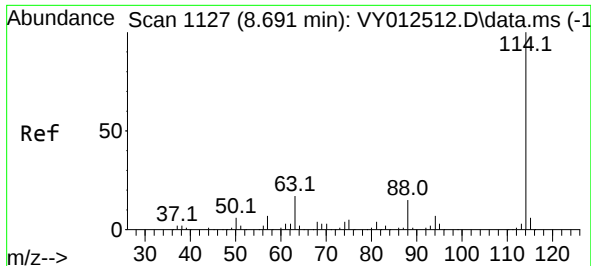
Tgt Ion:168 Resp: 5941
Ion Ratio Lower Upper
168 100
99 52.4 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 57.673 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012592.D
Acq: 14 Feb 2023 16:58

Tgt Ion: 65 Resp: 4357
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012592.D

Acq: 14 Feb 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-0-2.0

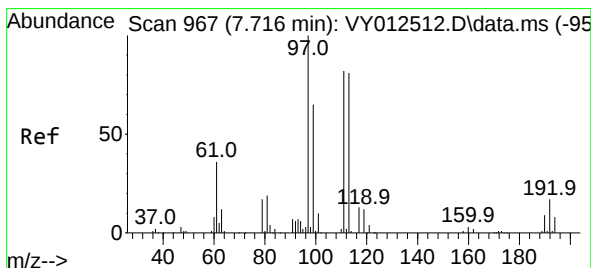
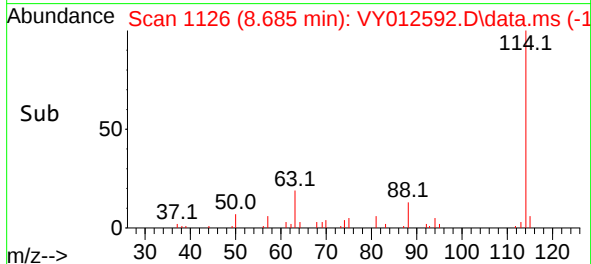
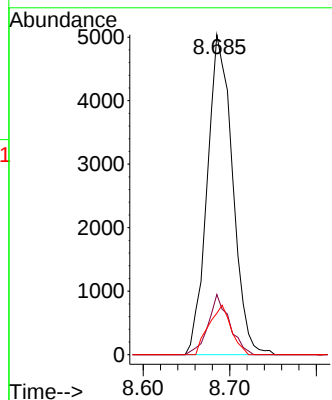
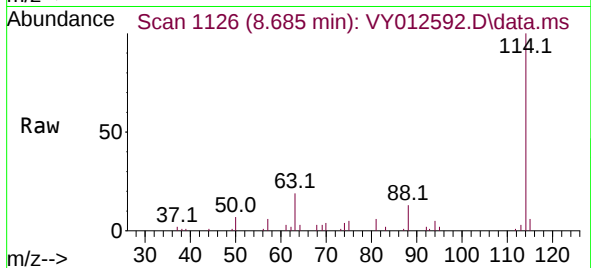
Tgt Ion:114 Resp: 10234

Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.6

88 13.0 0.0 29.8



#35

Dibromofluoromethane

Concen: 25.641 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012592.D

Acq: 14 Feb 2023 16:58

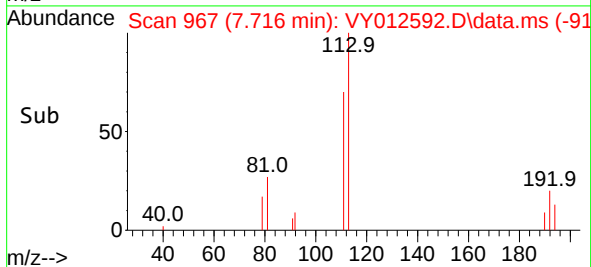
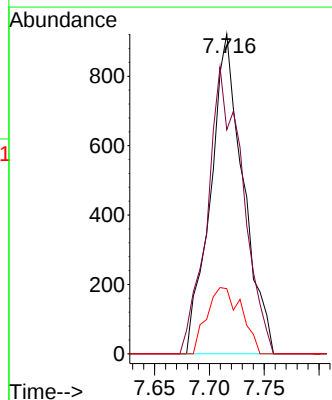
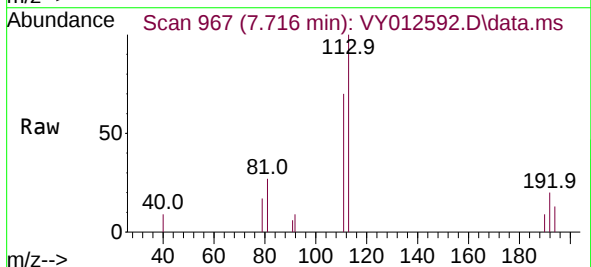
Tgt Ion:113 Resp: 1911

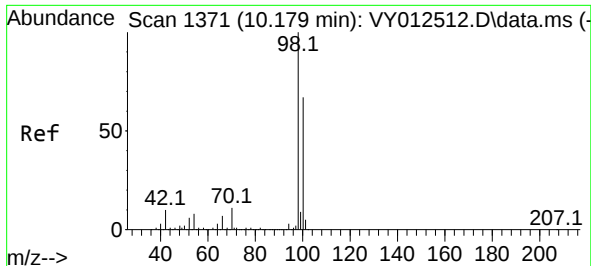
Ion Ratio Lower Upper

113 100

111 96.9 81.9 122.9

192 22.0 17.5 26.3

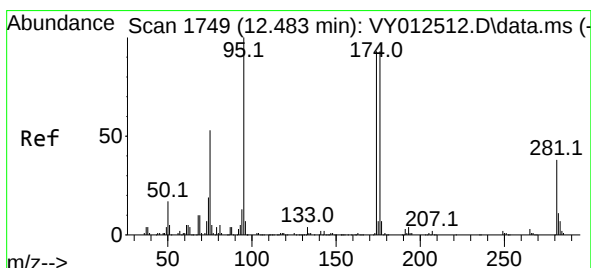
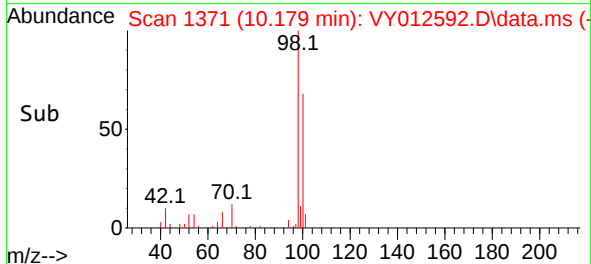
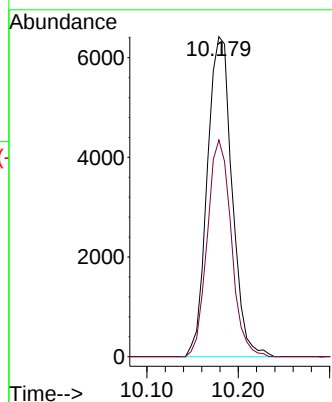
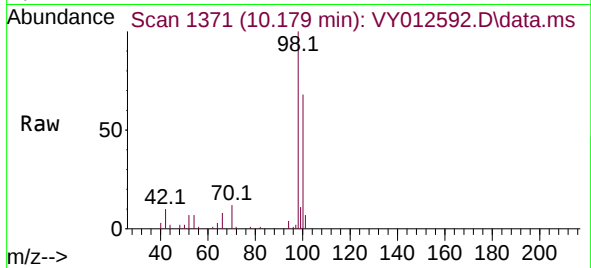




#50
Toluene-d8
Concen: 38.934 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012592.D
Acq: 14 Feb 2023 16:58

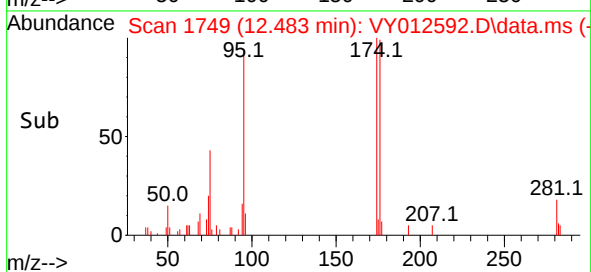
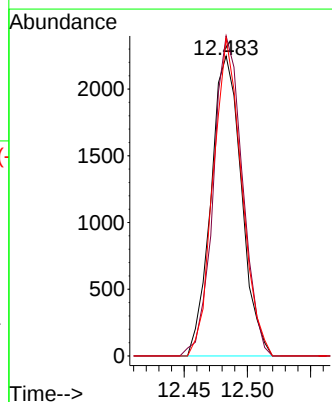
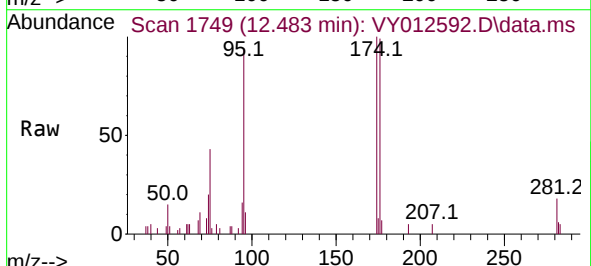
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

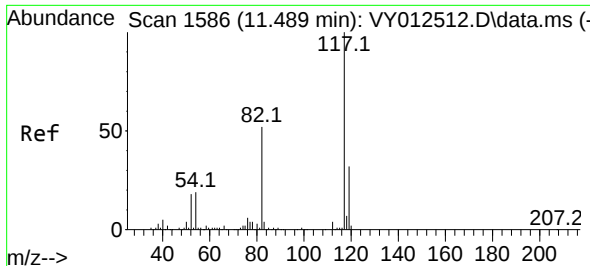
Tgt Ion: 98 Resp: 12078
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 34.851 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012592.D
Acq: 14 Feb 2023 16:58

Tgt Ion: 95 Resp: 3771
Ion Ratio Lower Upper
95 100
174 101.7 0.0 188.0
176 99.0 0.0 183.6

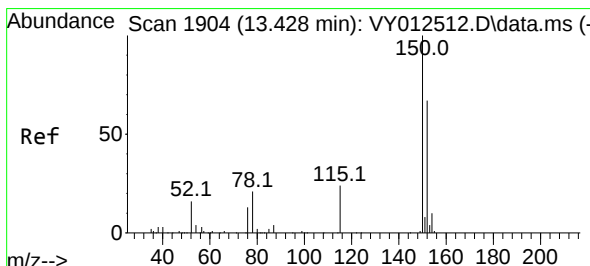
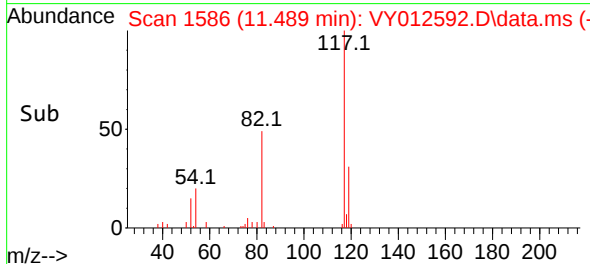
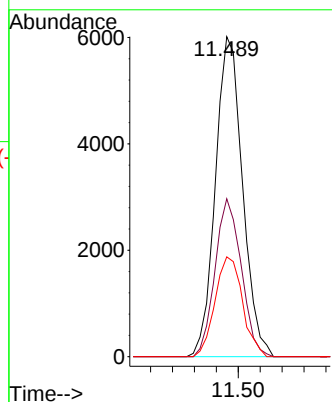
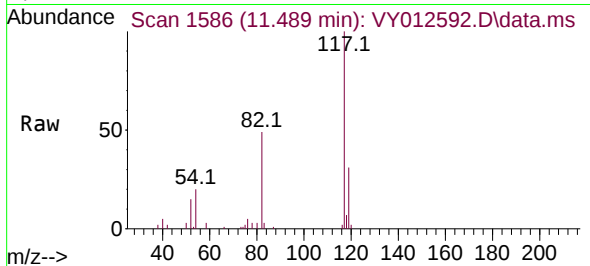




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012592.D
Acq: 14 Feb 2023 16:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

Tgt Ion:117	Resp:	10335
Ion	Ratio	Lower Upper
117	100	
82	49.3	41.7 62.5
119	31.2	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: VY012592.D
Acq: 14 Feb 2023 16:58

Tgt Ion:152	Resp:	4111
Ion	Ratio	Lower Upper
152	100	
115	54.0	28.1 84.3
150	154.2	0.0 351.0

