

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021623\
 Data File : VY012632.D
 Acq On : 16 Feb 2023 12:52
 Operator : KP/MD
 Sample : 01559-02
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW10-GW-783-785

Quant Time: Feb 16 21:58:30 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	161340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	267755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	271153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134437	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94343	45.984	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.960%
35) Dibromofluoromethane	7.716	113	79767	40.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.820%
50) Toluene-d8	10.179	98	317101	39.070	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.140%
62) 4-Bromofluorobenzene	12.477	95	113430	40.067	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.140%

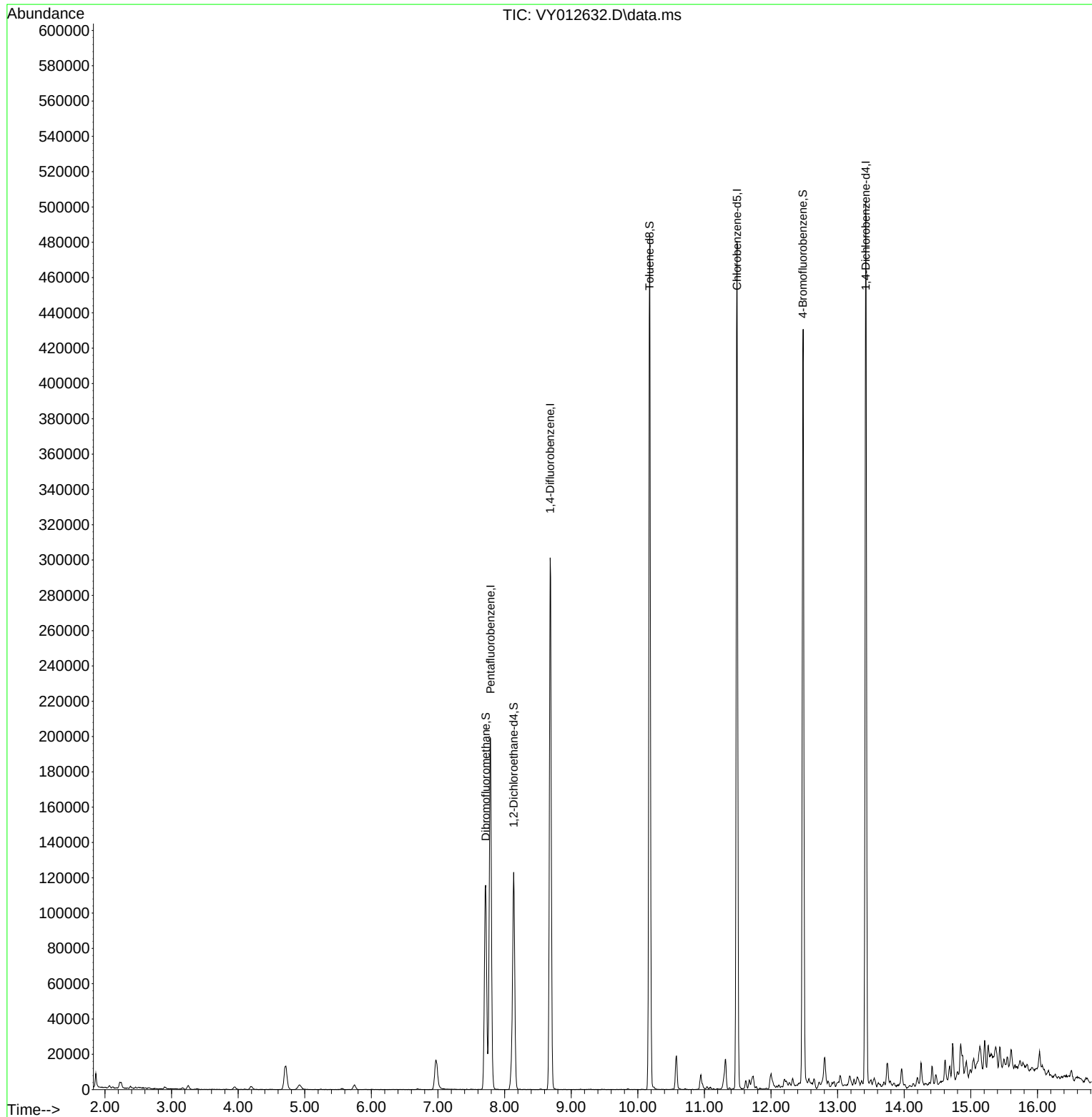
Target Compounds	Qvalue

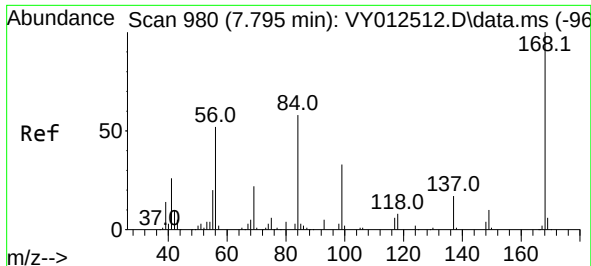
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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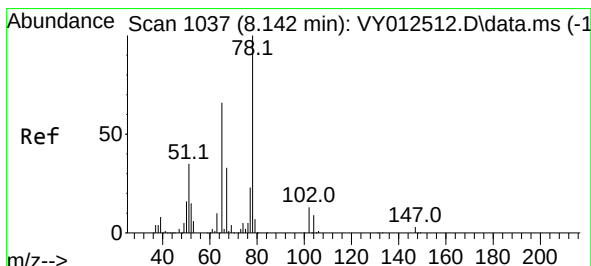
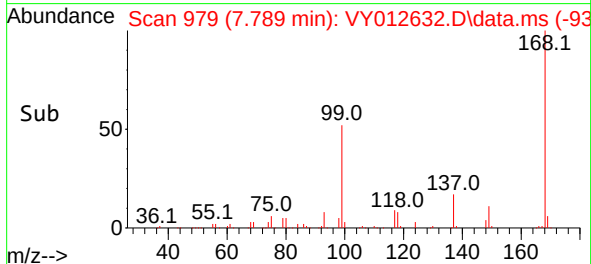
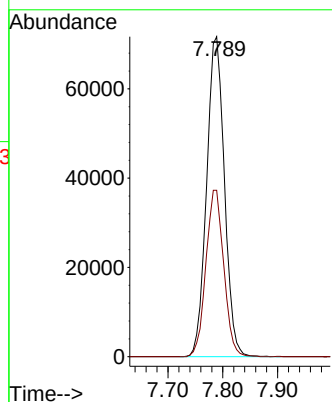
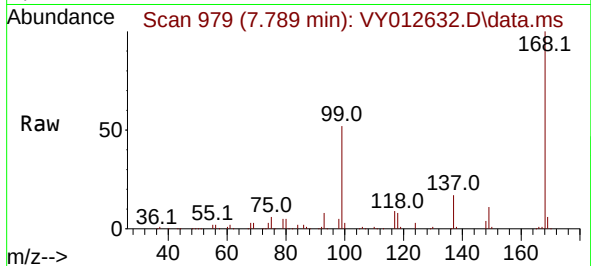




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012632.D
Acq: 16 Feb 2023 12:52

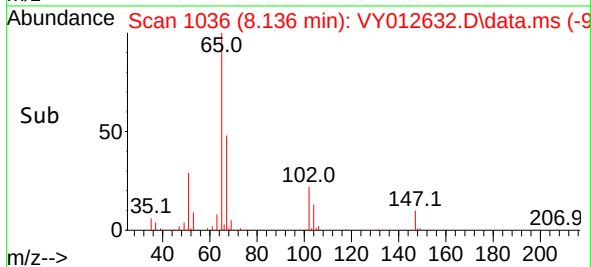
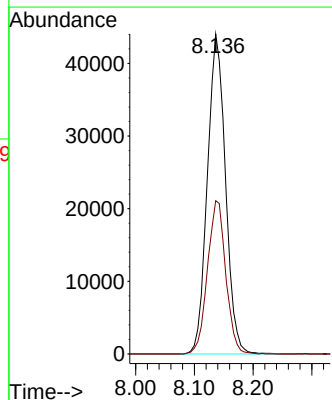
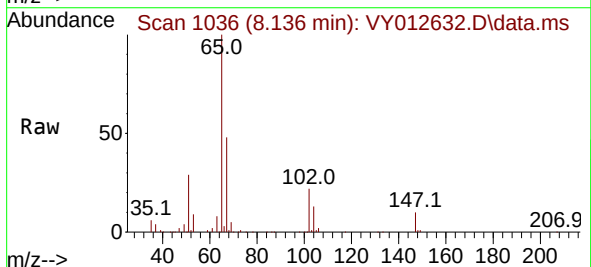
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW10-GW-783-785

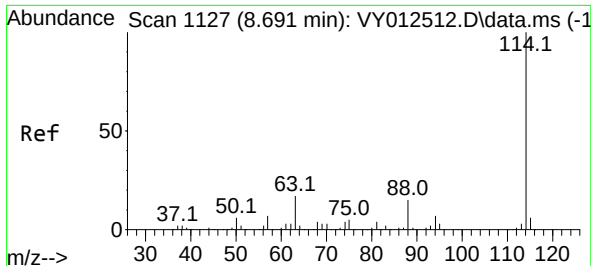
Tgt Ion:168 Resp: 161340
Ion Ratio Lower Upper
168 100
99 52.0 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 45.984 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012632.D
Acq: 16 Feb 2023 12:52

Tgt Ion: 65 Resp: 94343
Ion Ratio Lower Upper
65 100
67 48.3 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: VY012632.D

Acq: 16 Feb 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW10-GW-783-785

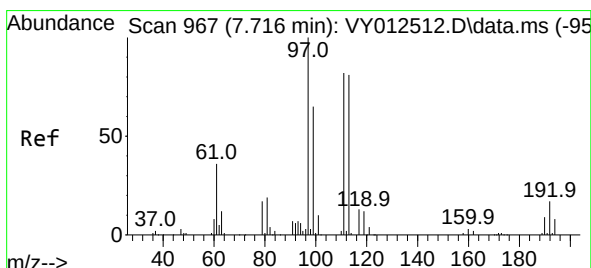
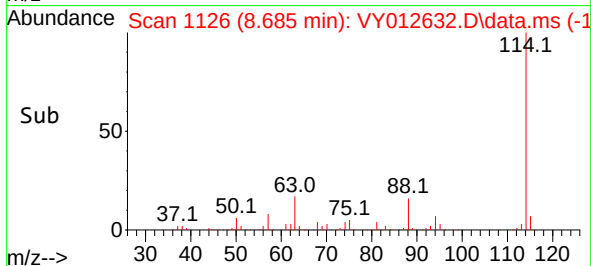
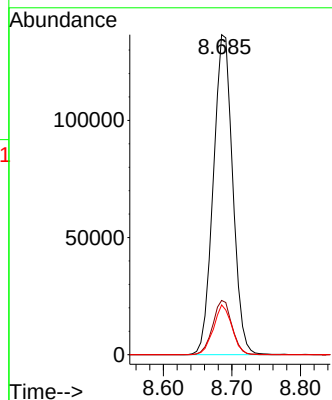
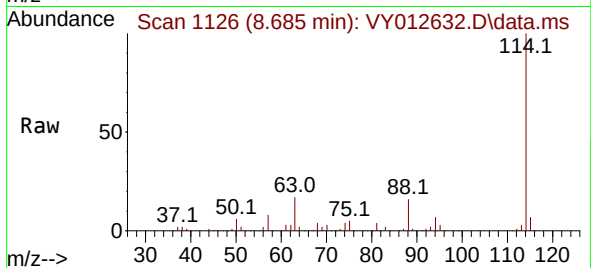
Tgt Ion:114 Resp: 267755

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.6

88 15.6 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.907 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012632.D

Acq: 16 Feb 2023 12:52

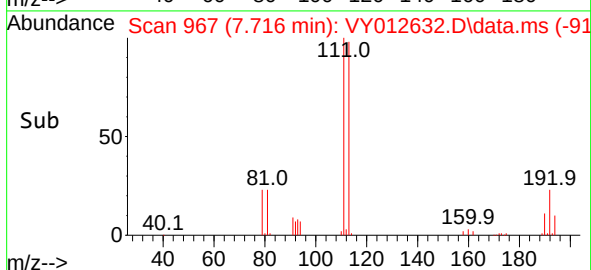
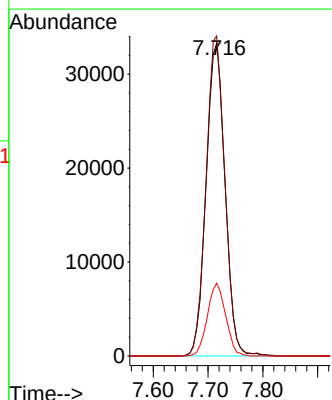
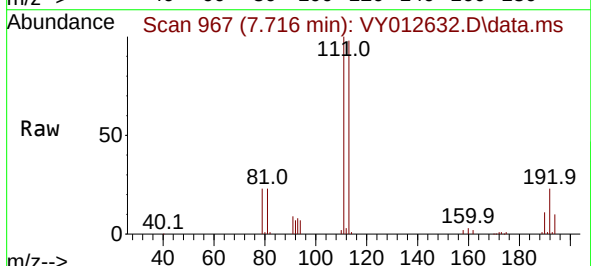
Tgt Ion:113 Resp: 79767

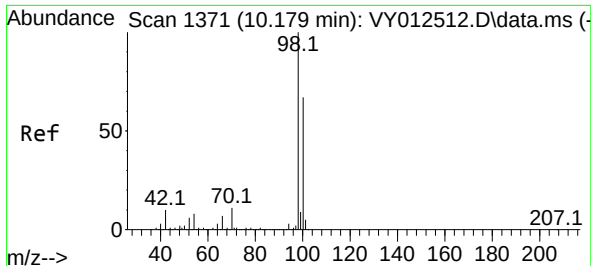
Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

192 22.4 17.5 26.3

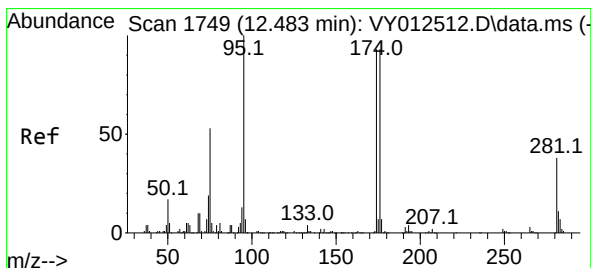
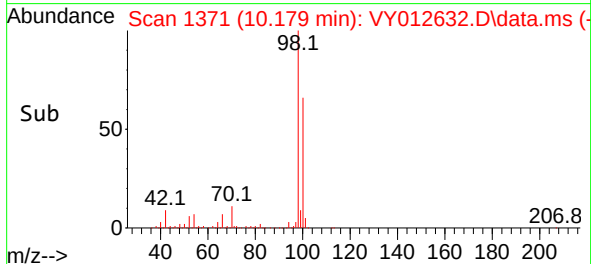
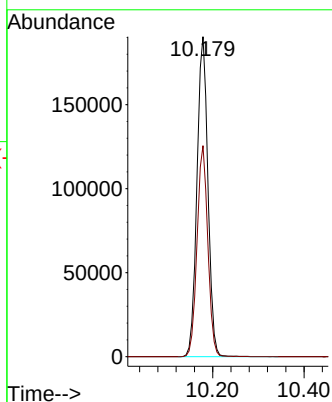
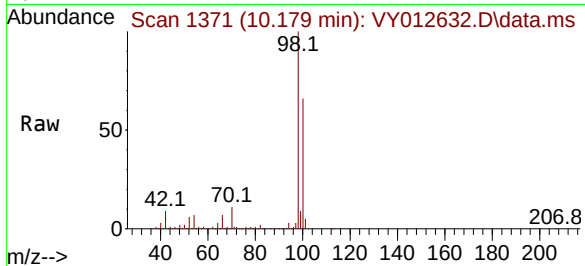




#50
Toluene-d8
Concen: 39.070 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012632.D
Acq: 16 Feb 2023 12:52

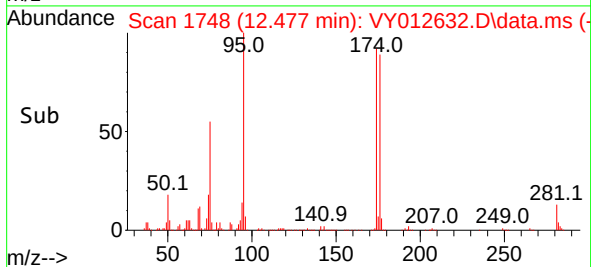
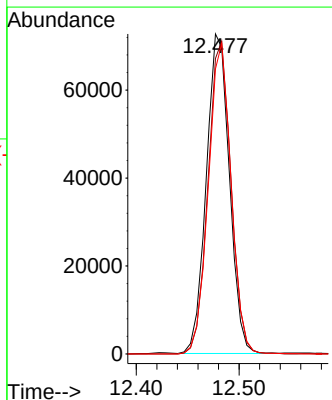
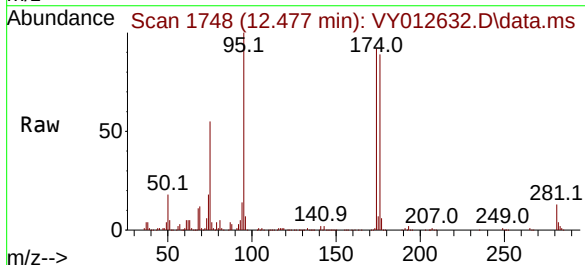
Instrument :
MSVOA_Y
ClientSampleId :
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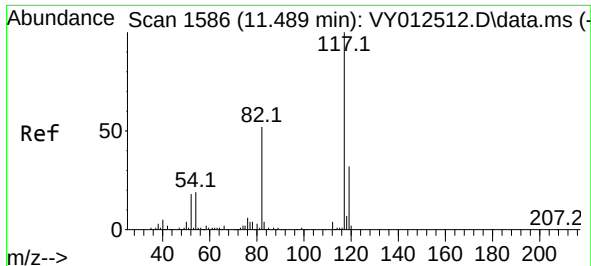
Tgt Ion: 98 Resp: 317101
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 40.067 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012632.D
Acq: 16 Feb 2023 12:52

Tgt Ion: 95 Resp: 113430
Ion Ratio Lower Upper
95 100
174 97.3 0.0 188.0
176 95.5 0.0 183.6

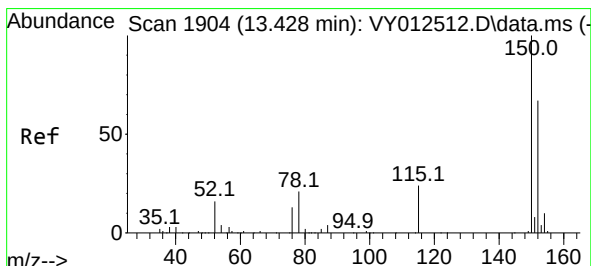
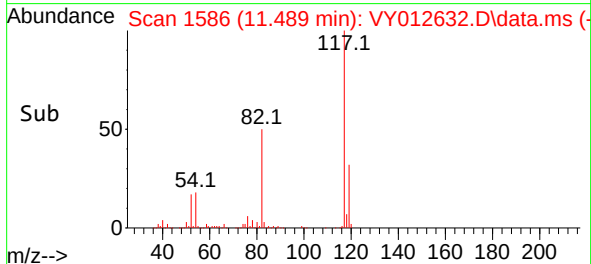
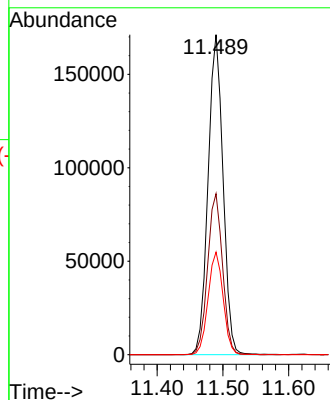
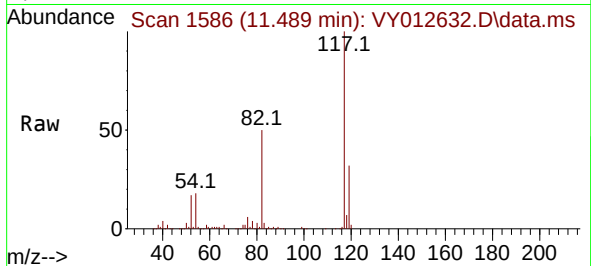




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012632.D
Acq: 16 Feb 2023 12:52

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW10-GW-783-785

Tgt Ion:117 Resp: 271153
Ion Ratio Lower Upper
117 100
82 50.3 41.7 62.5
119 32.1 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: VY012632.D
Acq: 16 Feb 2023 12:52

Tgt Ion:152 Resp: 134437
Ion Ratio Lower Upper
152 100
115 56.6 28.1 84.3
150 157.5 0.0 351.0

