

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012993.D
 Acq On : 17 Mar 2023 17:46
 Operator : KP/MD
 Sample : 01954-07
 Misc : 4.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SV-TP4-0316

Quant Time: Mar 18 05:48:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	87296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	150242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	140048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	58488	67.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.960%
35) Dibromofluoromethane	7.710	113	51564	56.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.740%
50) Toluene-d8	10.179	98	181927	54.884	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.760%
62) 4-Bromofluorobenzene	12.477	95	57781	51.645	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.300%

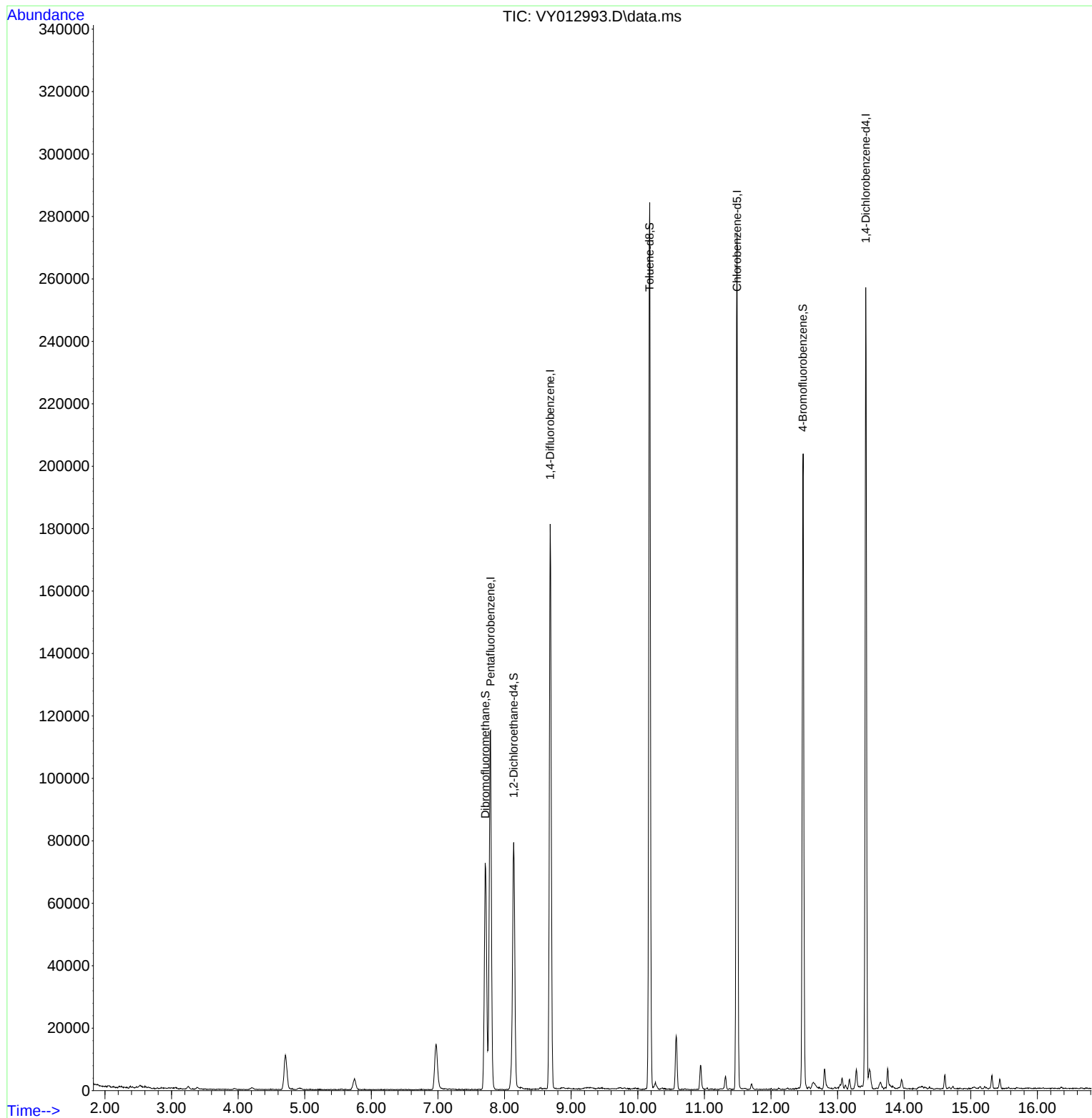
Target Compounds	Qvalue

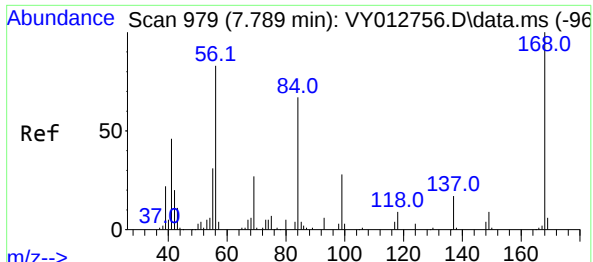
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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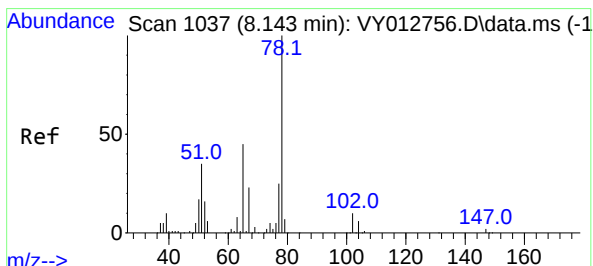
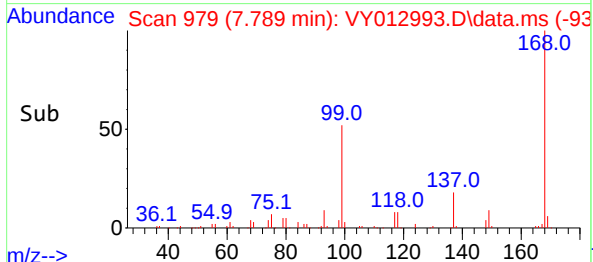
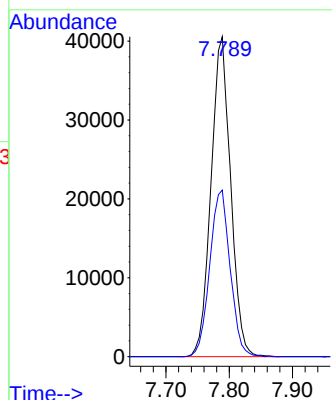
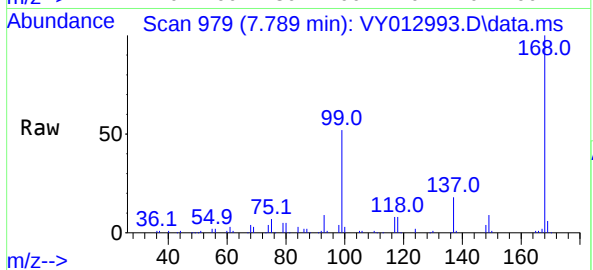




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012993.D
Acq: 17 Mar 2023 17:46

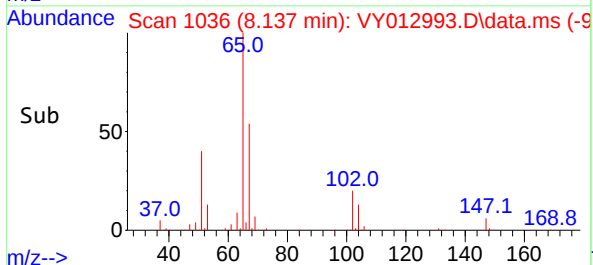
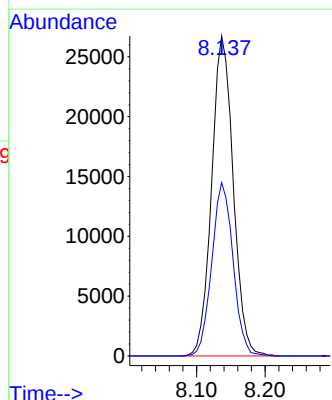
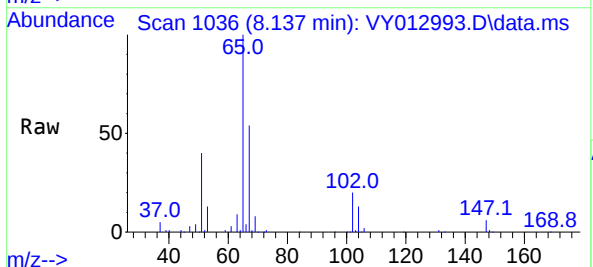
Instrument :
MSVOA_Y
ClientSampleId :
SV-TP4-0316

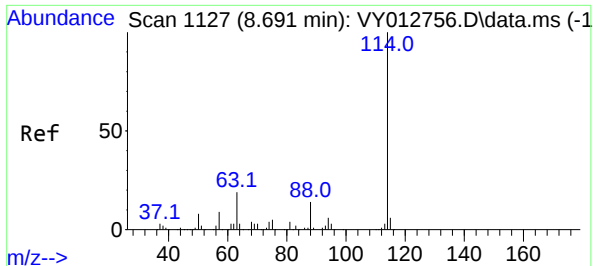
Tgt Ion:168 Resp: 87296
Ion Ratio Lower Upper
168 100
99 52.1 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 67.481 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012993.D
Acq: 17 Mar 2023 17:46

Tgt Ion: 65 Resp: 58488
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.0

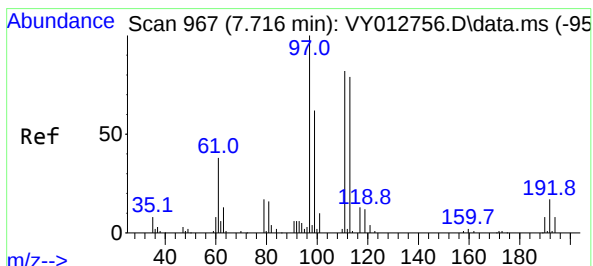
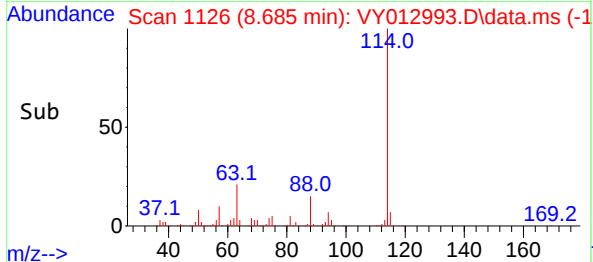
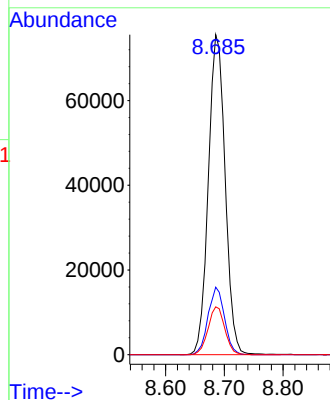
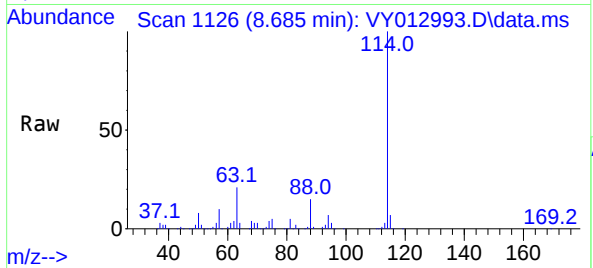




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY012993.D
Acq: 17 Mar 2023 17:46

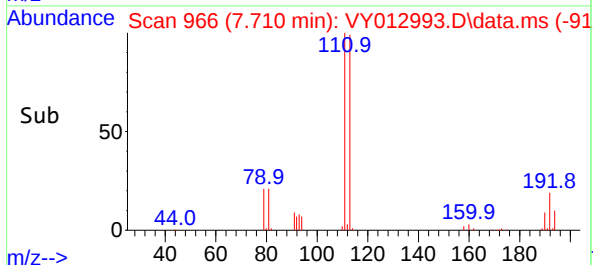
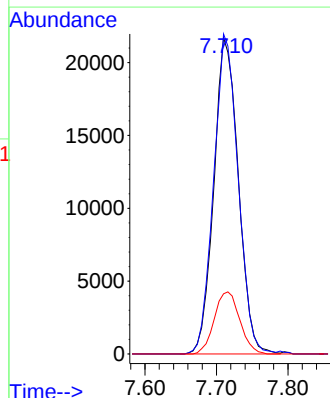
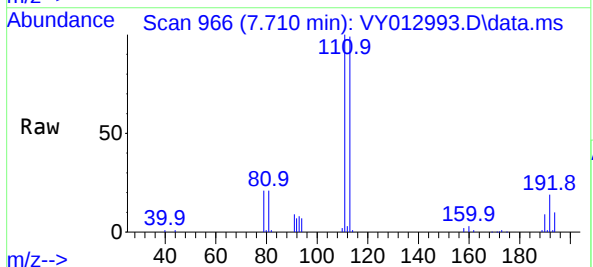
Instrument :
MSVOA_Y
ClientSampleId :
SV-TP4-0316

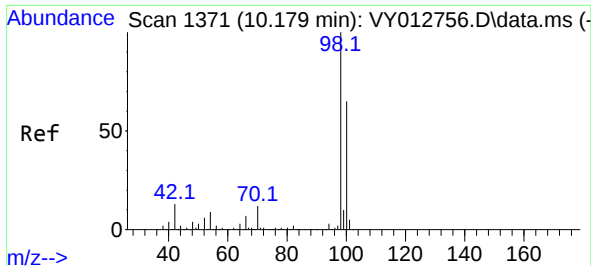
Tgt Ion:114 Resp: 150242
Ion Ratio Lower Upper
114 100
63 21.1 0.0 37.4
88 14.9 0.0 28.6



#35
Dibromofluoromethane
Concen: 56.869 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY012993.D
Acq: 17 Mar 2023 17:46

Tgt Ion:113 Resp: 51564
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.2
192 20.4 16.8 25.2

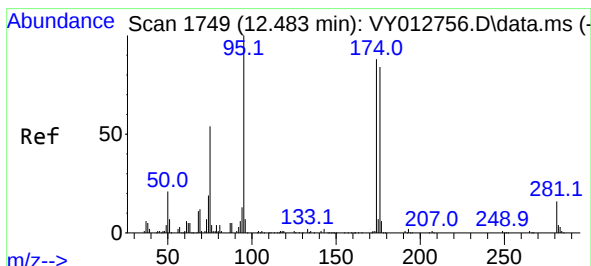
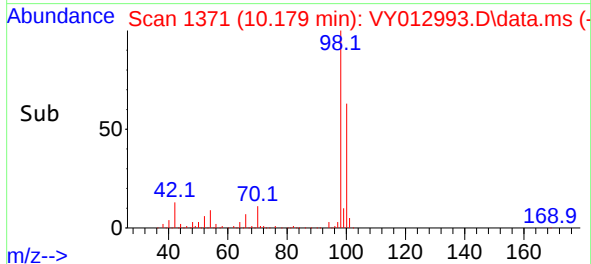
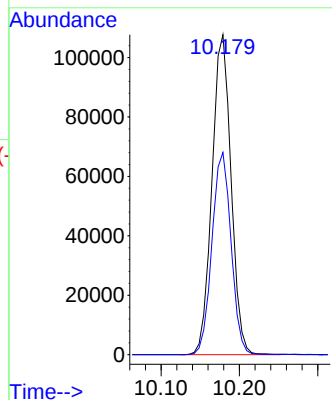
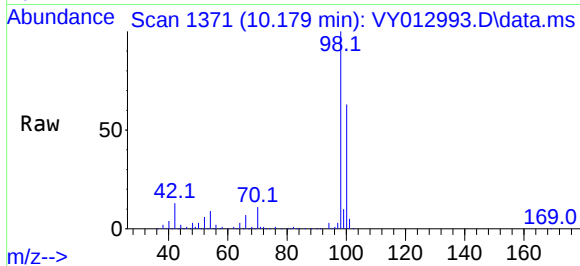




#50
Toluene-d8
Concen: 54.884 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012993.D
Acq: 17 Mar 2023 17:46

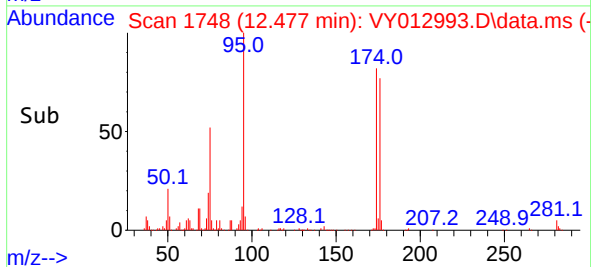
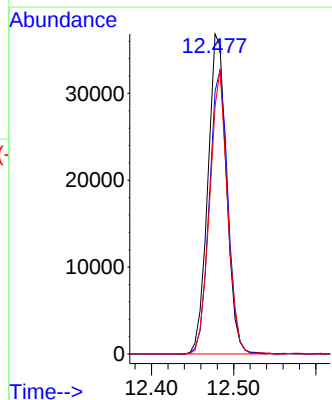
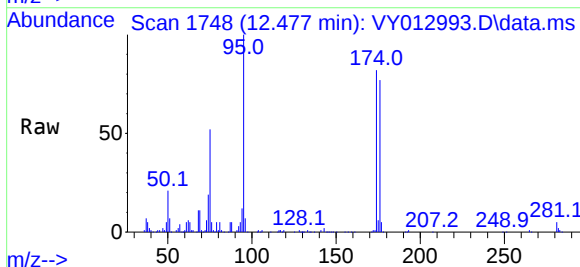
Instrument :
MSVOA_Y
ClientSampleId :
SV-TP4-0316

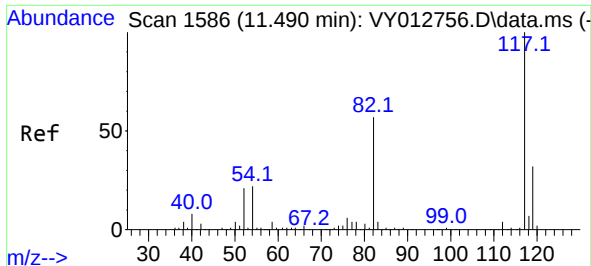
Tgt Ion: 98 Resp: 181927
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.645 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012993.D
Acq: 17 Mar 2023 17:46

Tgt Ion: 95 Resp: 57781
Ion Ratio Lower Upper
95 100
174 88.6 0.0 176.6
176 84.5 0.0 170.2

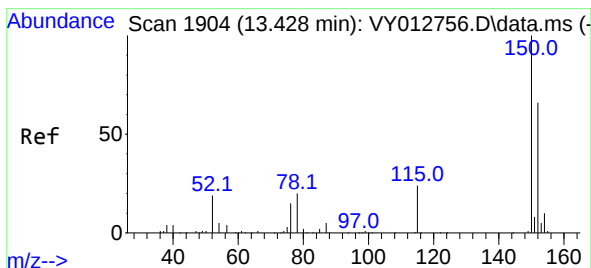
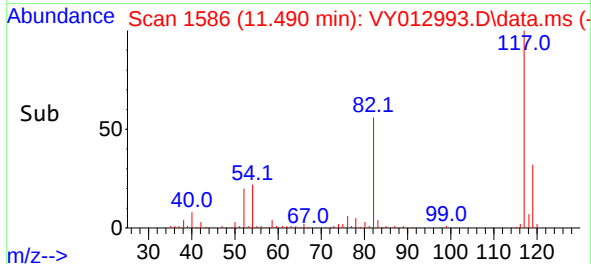
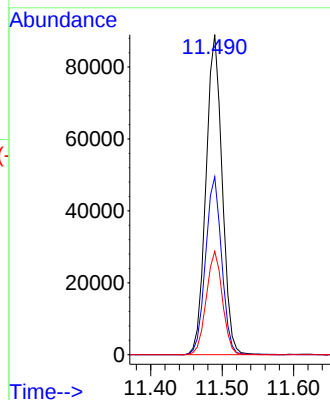
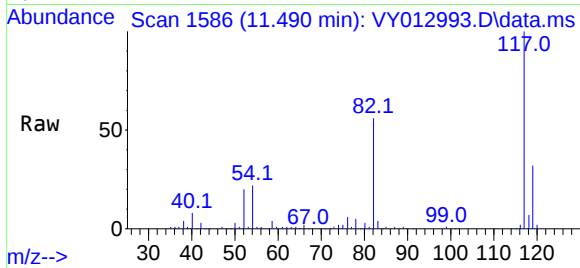




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012993.D
Acq: 17 Mar 2023 17:46

Instrument :
MSVOA_Y
ClientSampleId :
SV-TP4-0316

Tgt Ion:117 Resp: 140048
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012993.D
Acq: 17 Mar 2023 17:46

Tgt Ion:152 Resp: 64391
Ion Ratio Lower Upper
152 100
115 56.8 27.1 81.3
150 154.8 0.0 347.8

