

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011073.D
 Acq On : 24 Oct 2022 16:44
 Operator : KP/MD
 Sample : N5253-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124055

Quant Time: Oct 25 05:47:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	10277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	15890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	13336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4211	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6453	68.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.340%
35) Dibromofluoromethane	7.710	113	3532	39.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.840%
50) Toluene-d8	10.179	98	17616	53.095	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.180%
62) 4-Bromofluorobenzene	12.477	95	4909	41.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.460%

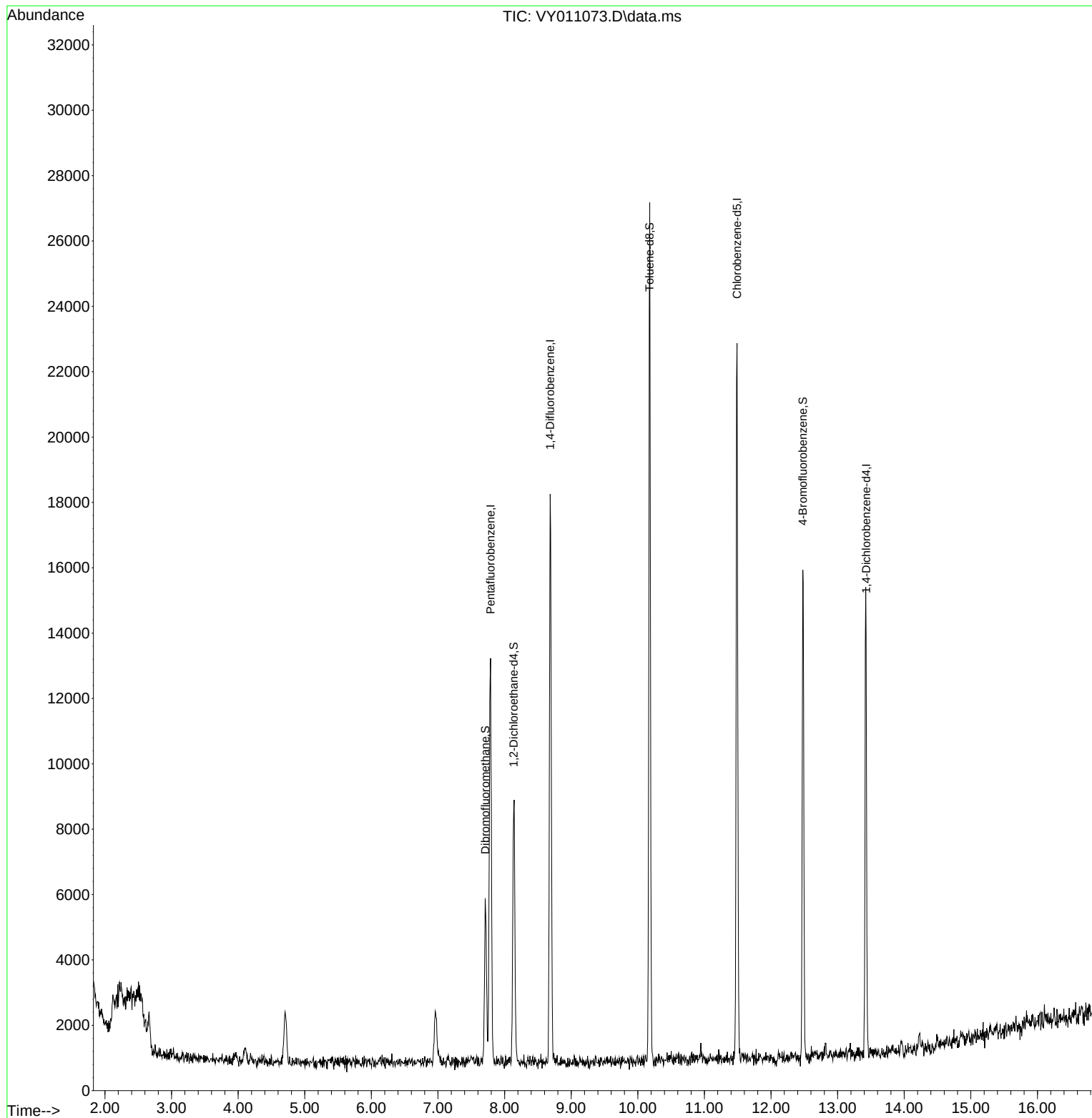
Target Compounds	Qvalue

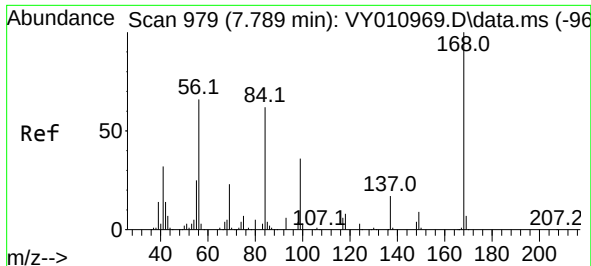
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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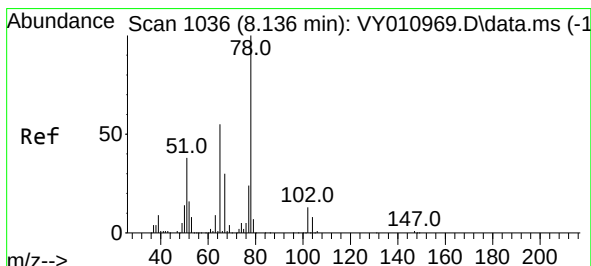
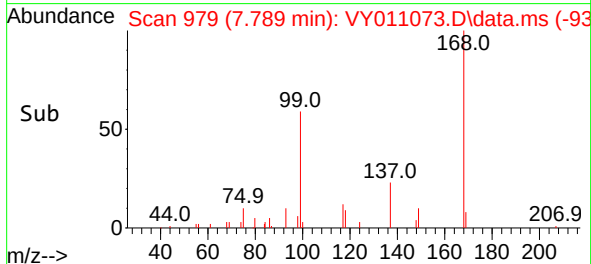
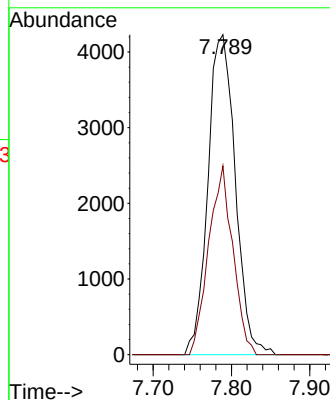
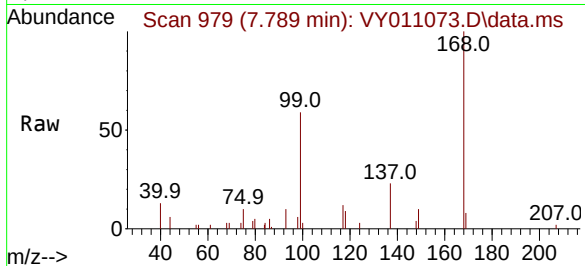




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

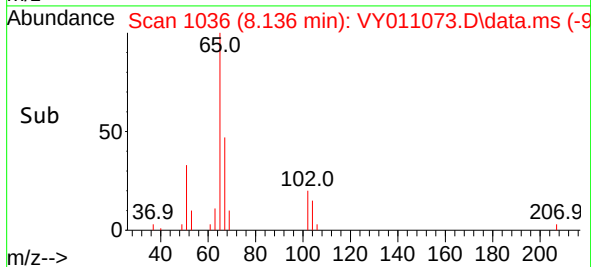
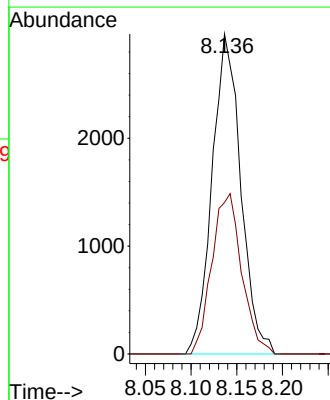
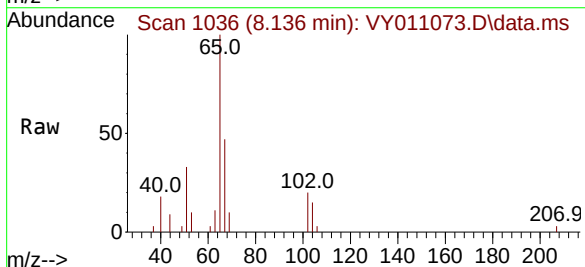
Instrument :
MSVOA_Y
ClientSampleId :
124055

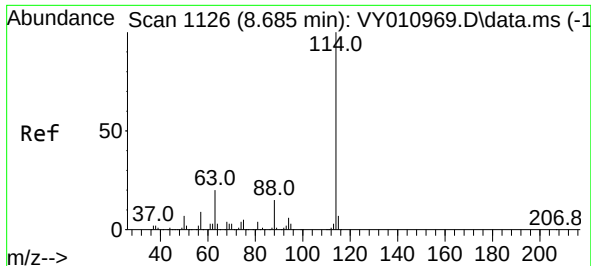
Tgt Ion:168 Resp: 10277
Ion Ratio Lower Upper
168 100
99 59.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.166 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

Tgt Ion: 65 Resp: 6453
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4

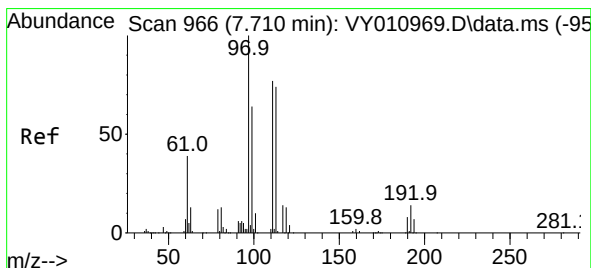
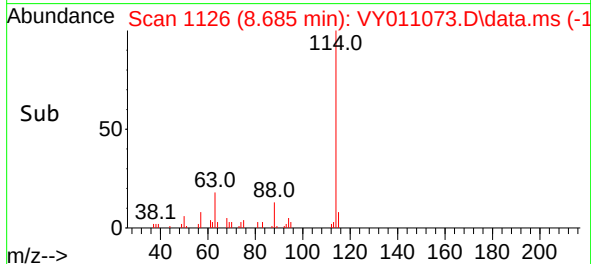
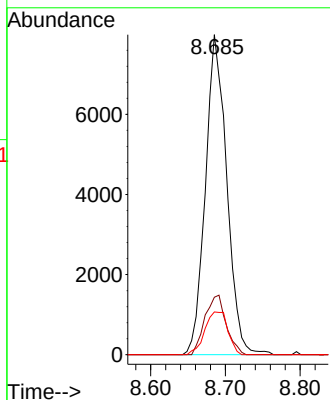
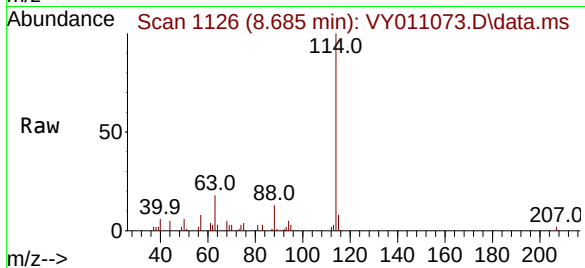




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

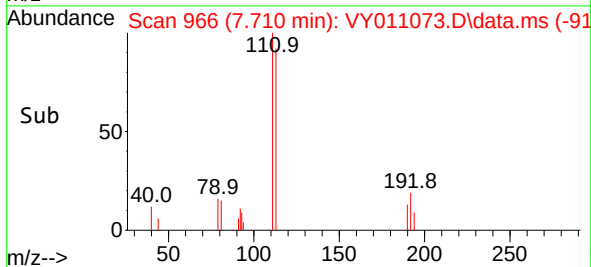
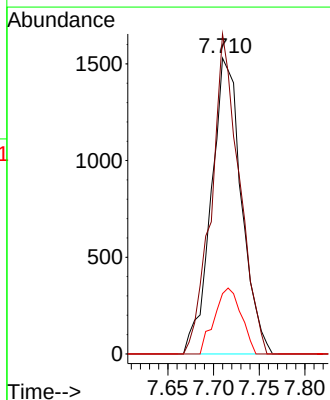
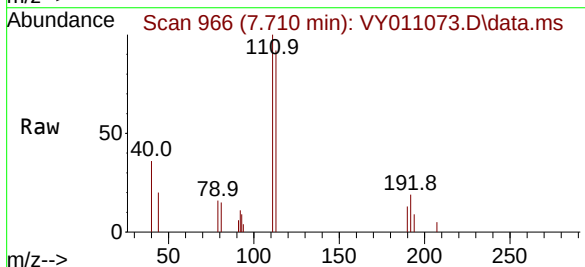
Instrument :
MSVOA_Y
ClientSampleId :
124055

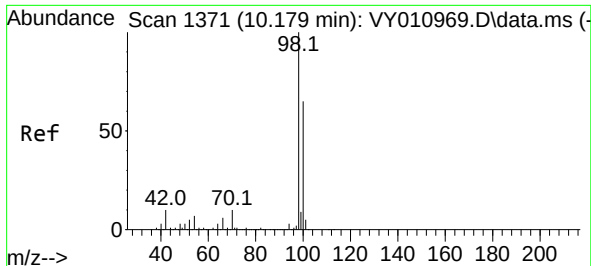
Tgt Ion:114 Resp: 15890
Ion Ratio Lower Upper
114 100
63 18.0 0.0 43.2
88 13.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 39.420 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

Tgt Ion:113 Resp: 3532
Ion Ratio Lower Upper
113 100
111 99.8 82.6 124.0
192 19.5 17.6 26.4

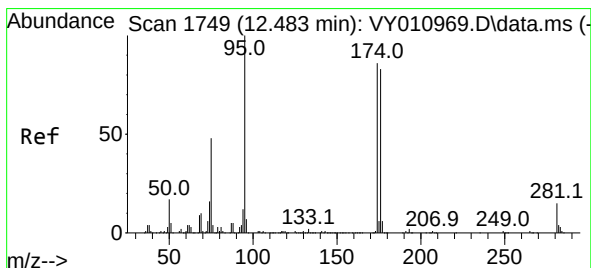
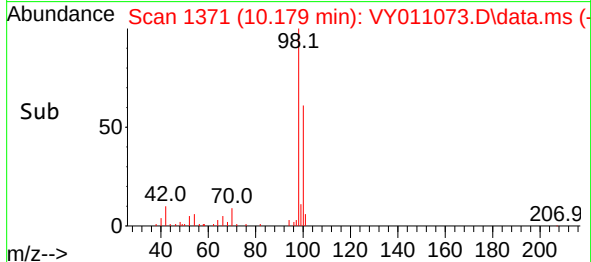
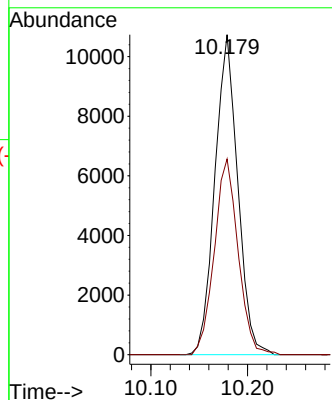
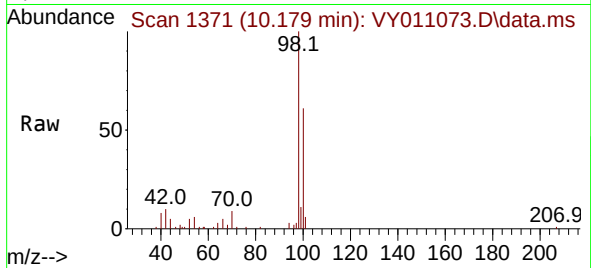




#50
Toluene-d8
Concen: 53.095 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

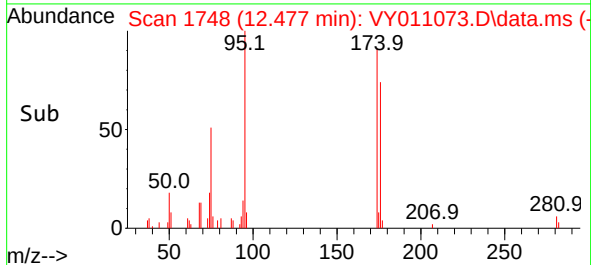
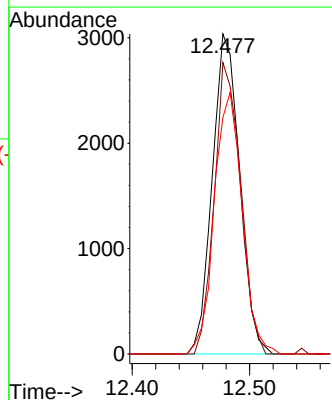
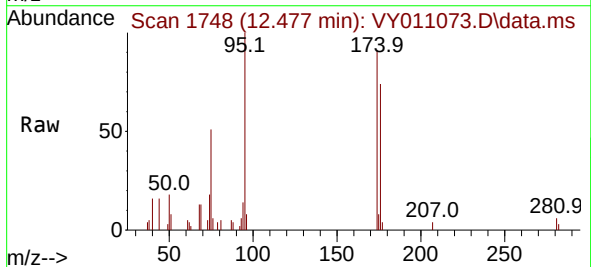
Instrument :
MSVOA_Y
ClientSampleId :
124055

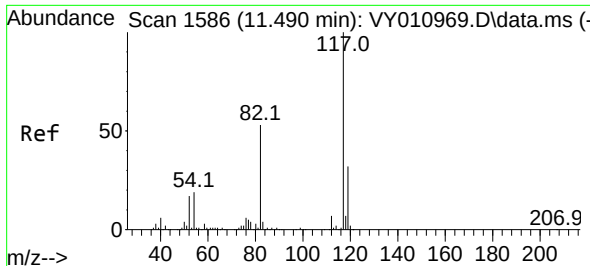
Tgt Ion: 98 Resp: 17616
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.230 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

Tgt Ion: 95 Resp: 4909
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 83.5 0.0 175.8

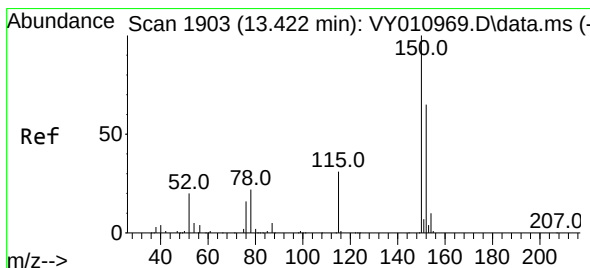
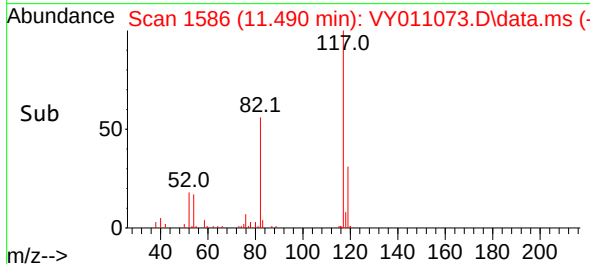
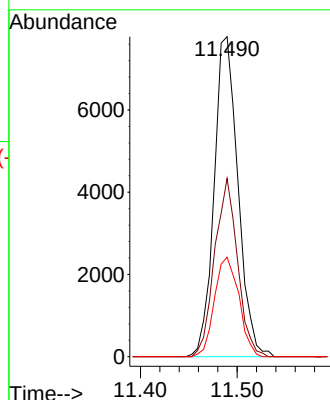
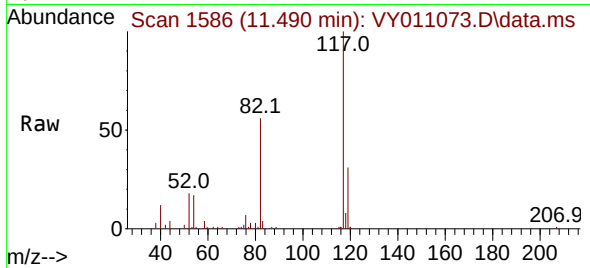




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

Instrument :
MSVOA_Y
ClientSampleId :
124055

Tgt Ion:117 Resp: 13336
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

Tgt Ion:152 Resp: 4211
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 161.9 0.0 347.6

