

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012994.D
 Acq On : 17 Mar 2023 18:09
 Operator : KP/MD
 Sample : 01954-09
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SV-TP5-0316

Quant Time: Mar 18 05:48:42 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	84334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	145103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	133111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56293	67.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.460%
35) Dibromofluoromethane	7.709	113	50200	57.326	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.660%
50) Toluene-d8	10.179	98	173736	54.269	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.540%
62) 4-Bromofluorobenzene	12.477	95	53318	49.344	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.680%

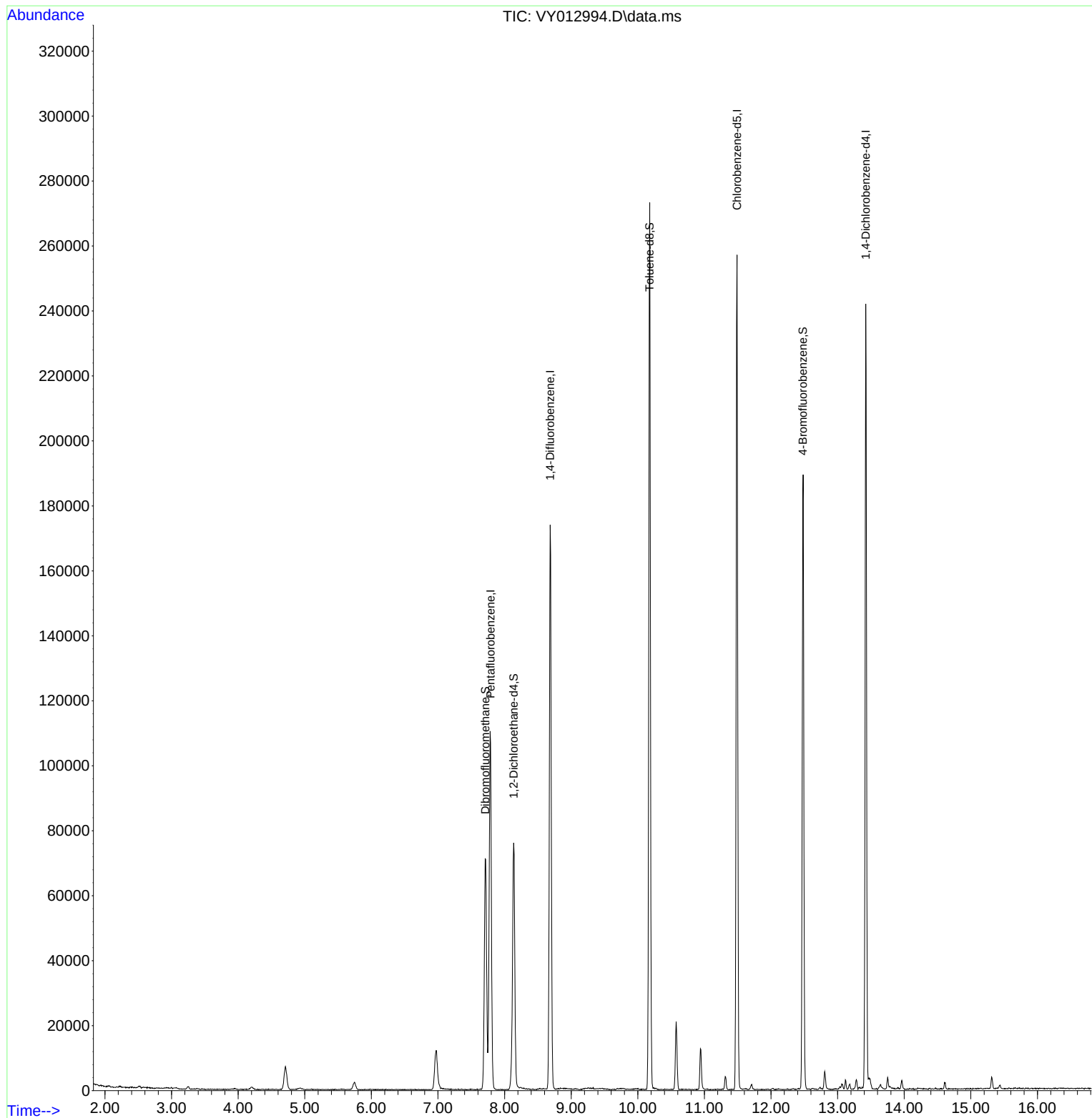
Target Compounds	Qvalue

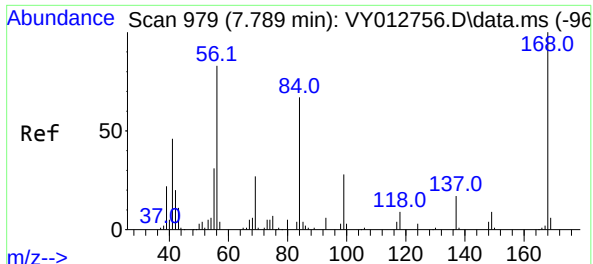
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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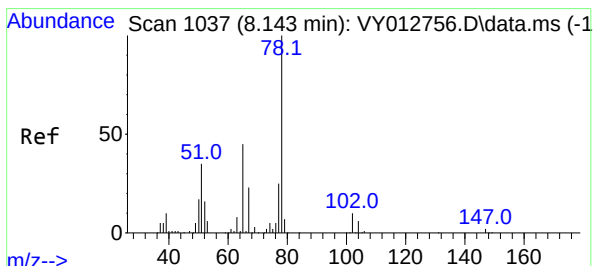
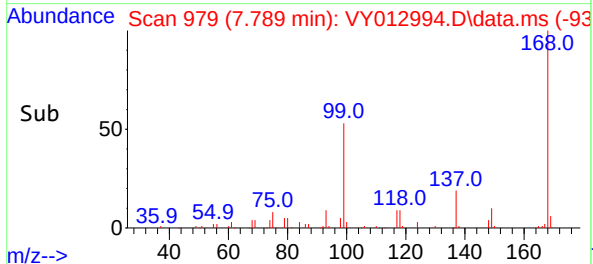
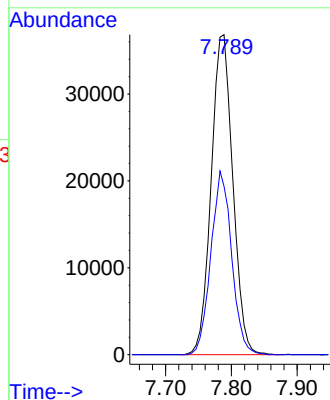
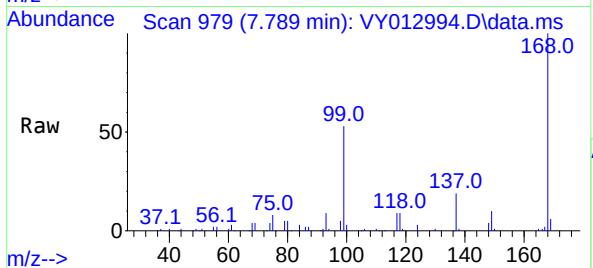




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012994.D
Acq: 17 Mar 2023 18:09

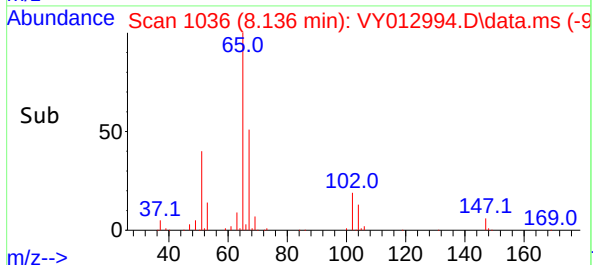
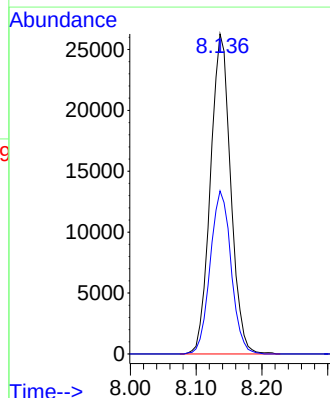
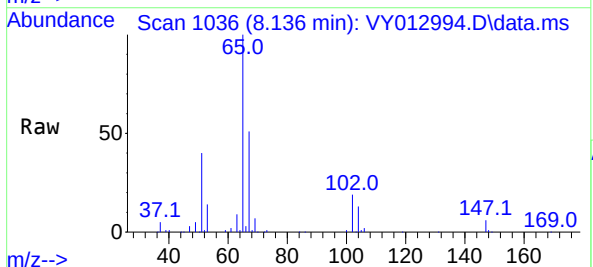
Instrument :
MSVOA_Y
ClientSampleId :
SV-TP5-0316

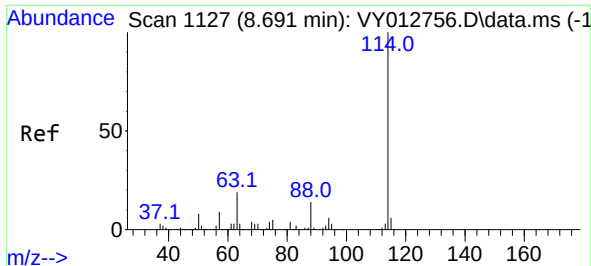
Tgt Ion:168 Resp: 84334
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 67.229 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012994.D
Acq: 17 Mar 2023 18:09

Tgt Ion: 65 Resp: 56293
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0



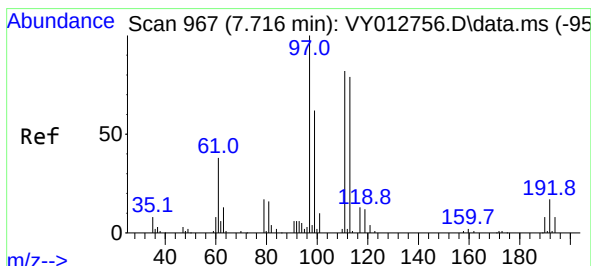
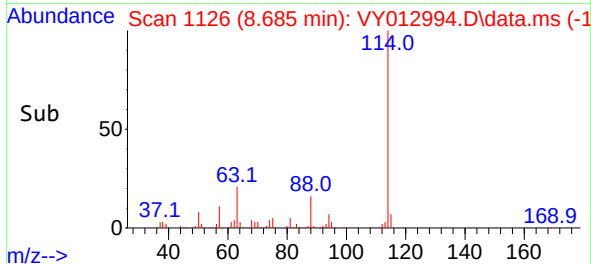
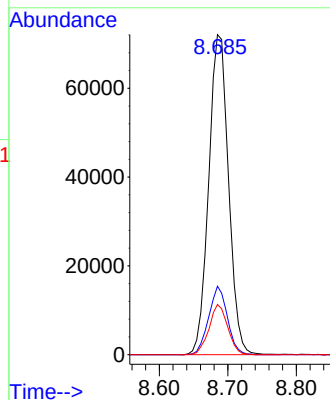
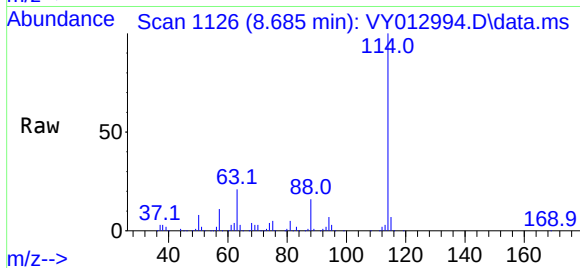


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY012994.D
Acq: 17 Mar 2023 18:09

Instrument :
MSVOA_Y
ClientSampleId :
SV-TP5-0316

Tgt Ion:114 Resp: 145103

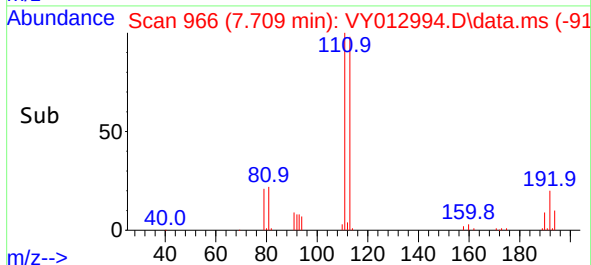
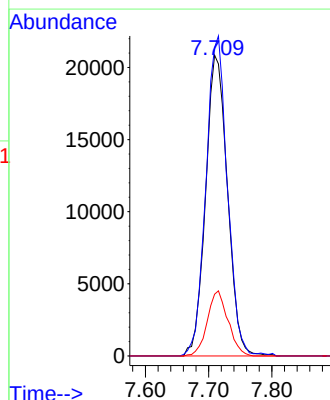
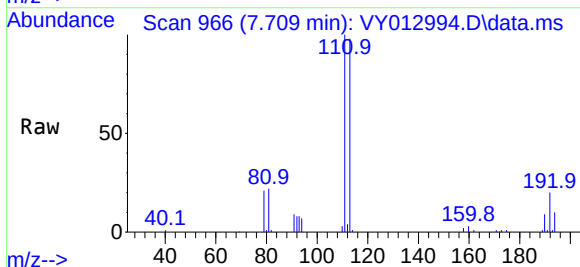
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	37.4
88	15.7	0.0	28.6

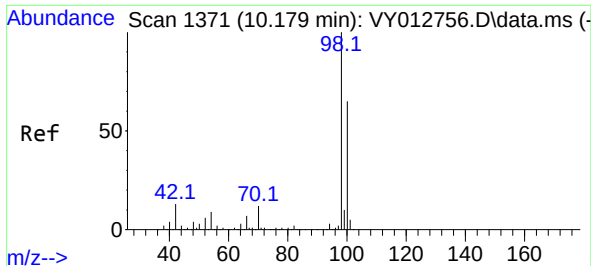


#35
Dibromofluoromethane
Concen: 57.326 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY012994.D
Acq: 17 Mar 2023 18:09

Tgt Ion:113 Resp: 50200

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.2	123.2
192	20.5	16.8	25.2

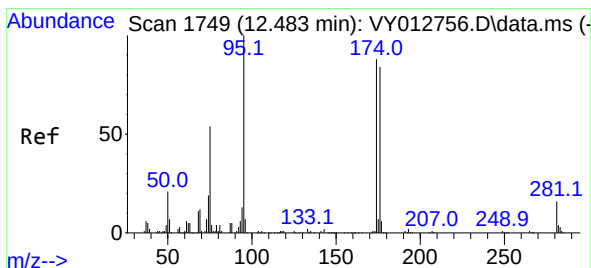
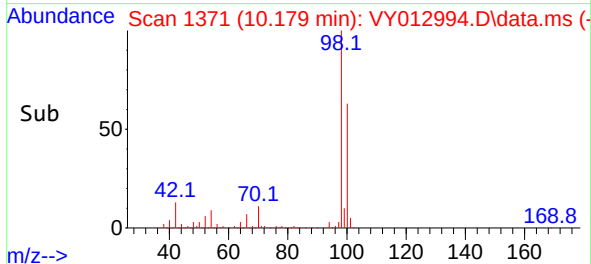
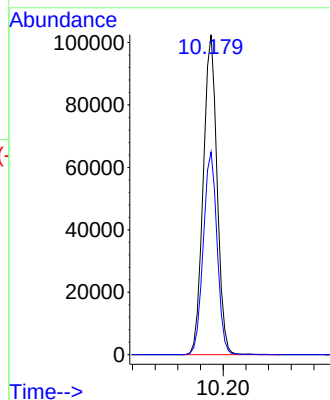
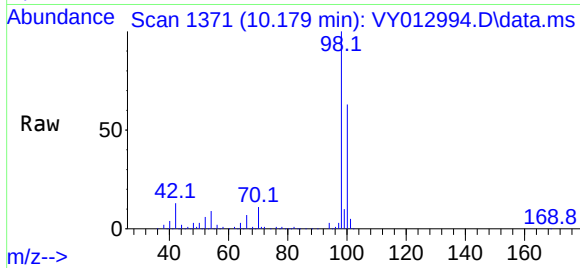




#50
Toluene-d8
Concen: 54.269 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012994.D
Acq: 17 Mar 2023 18:09

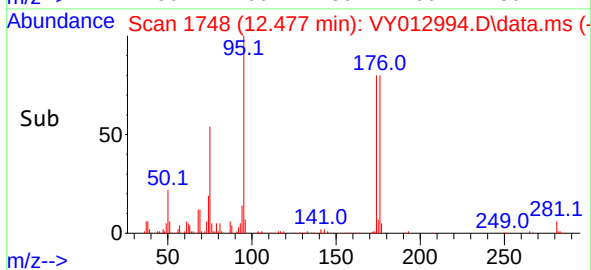
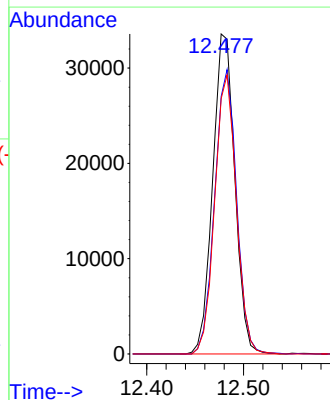
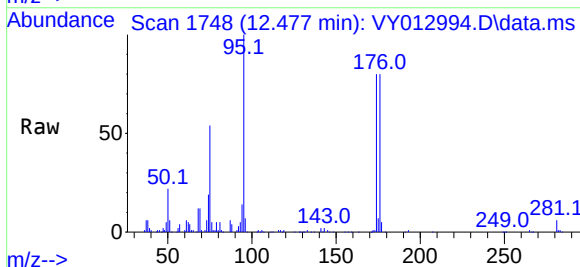
Instrument :
MSVOA_Y
ClientSampleId :
SV-TP5-0316

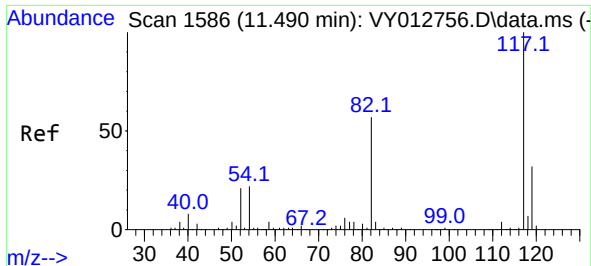
Tgt Ion: 98 Resp: 173736
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.344 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012994.D
Acq: 17 Mar 2023 18:09

Tgt Ion: 95 Resp: 53318
Ion Ratio Lower Upper
95 100
174 87.9 0.0 176.6
176 85.0 0.0 170.2

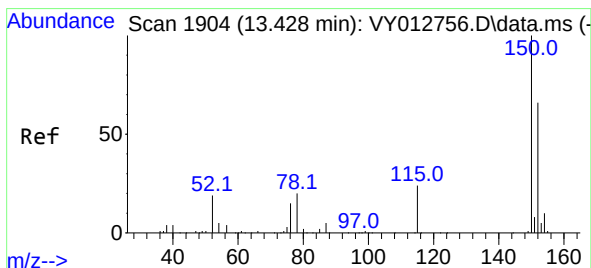
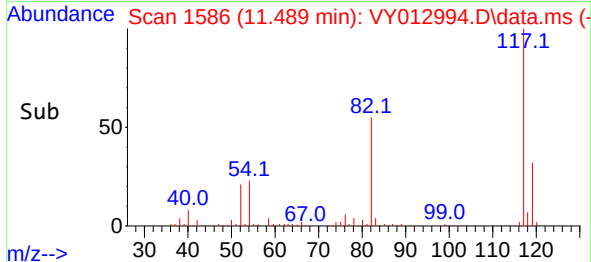
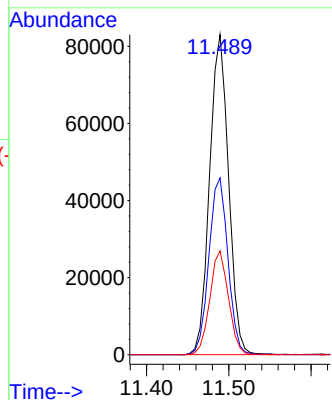
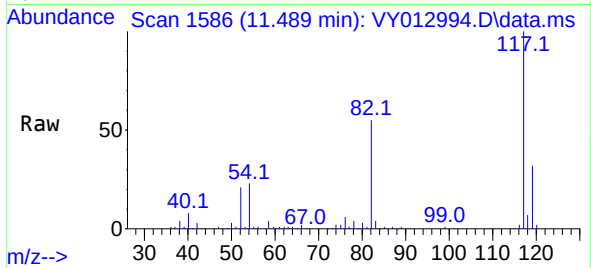




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012994.D
Acq: 17 Mar 2023 18:09

Instrument :
MSVOA_Y
ClientSampleId :
SV-TP5-0316

Tgt Ion:117 Resp: 133111
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 32.4 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: VY012994.D
Acq: 17 Mar 2023 18:09

Tgt Ion:152 Resp: 58854
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 159.4 0.0 347.8

