

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070921\
 Data File : VY005398.D
 Acq On : 09 Jul 2021 14:33
 Operator : SY/MD
 Sample : VY0709SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBL01

Quant Time: Jul 10 07:58:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 10 07:49:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	280022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	455220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	447686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	230520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	144073	54.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.840%
35) Dibromofluoromethane	7.722	113	133264	49.882	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.760%
50) Toluene-d8	10.185	98	556200	48.911	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.483	95	194361	50.701	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.400%

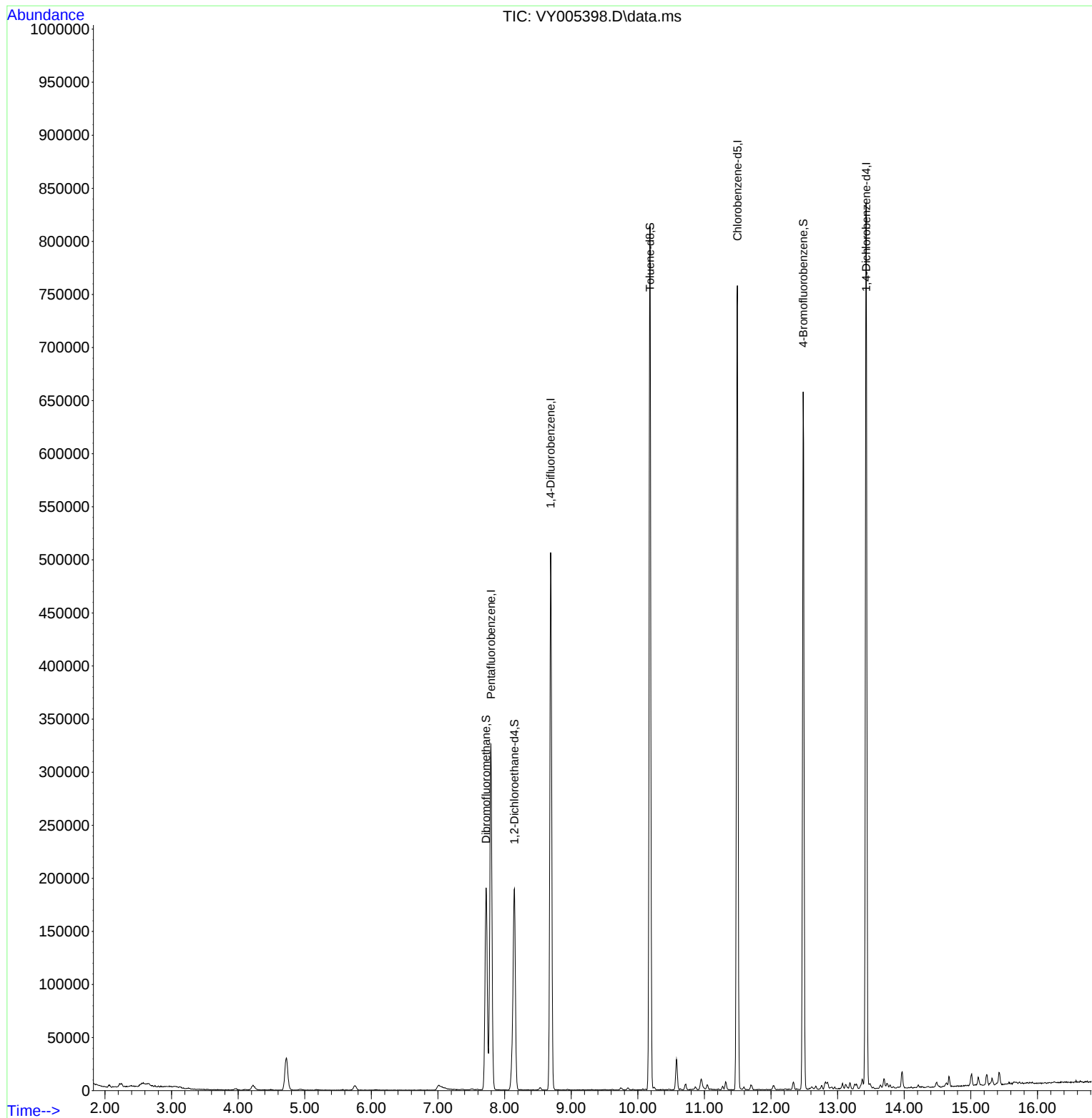
Target Compounds	Qvalue

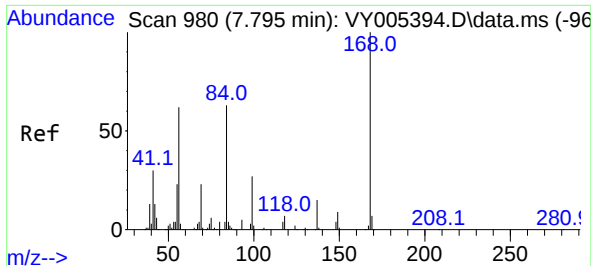
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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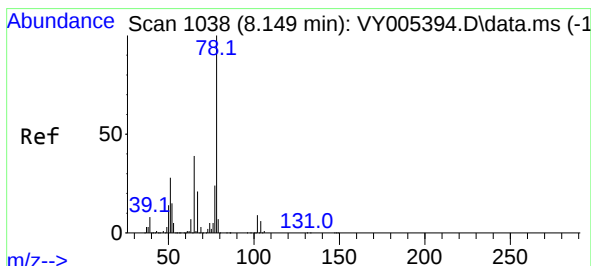
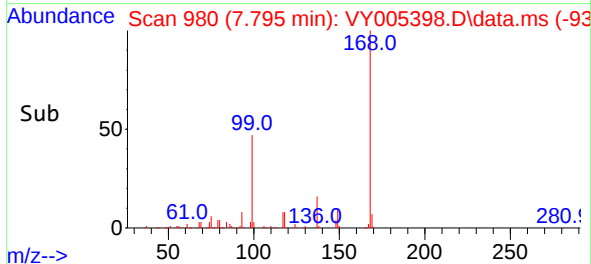
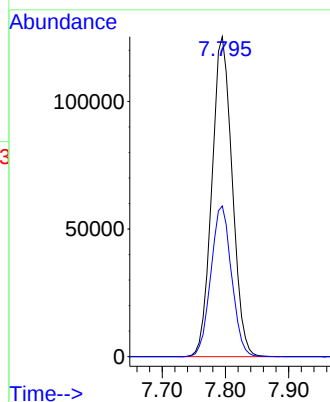
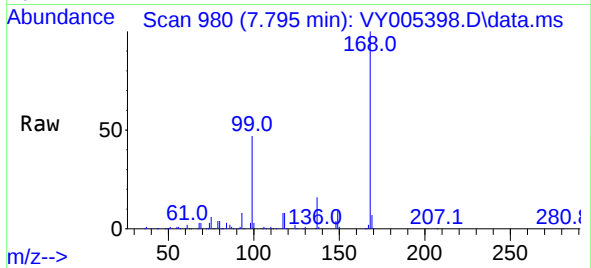




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

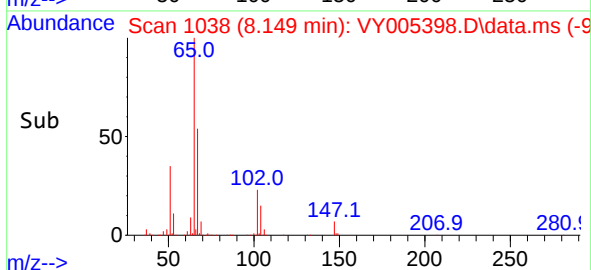
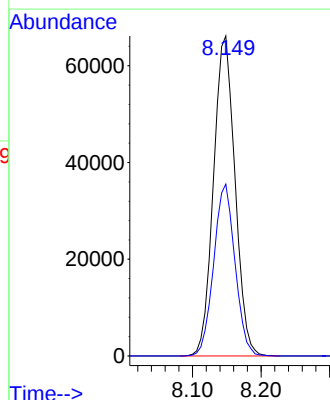
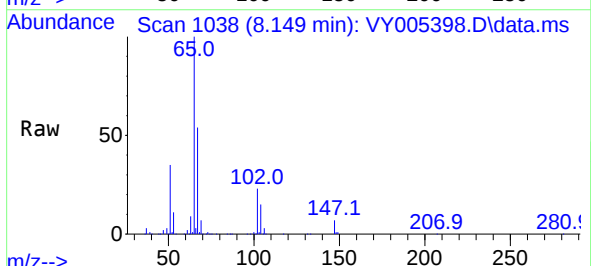
Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBL01

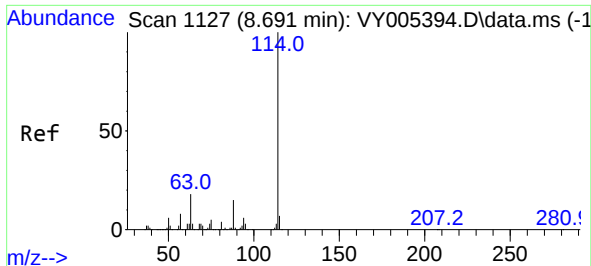
Tgt Ion:168 Resp: 280022
Ion Ratio Lower Upper
168 100
99 47.1 37.4 56.2



#33
1,2-Dichloroethane-d4
Concen: 54.918 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

Tgt Ion: 65 Resp: 144073
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.0



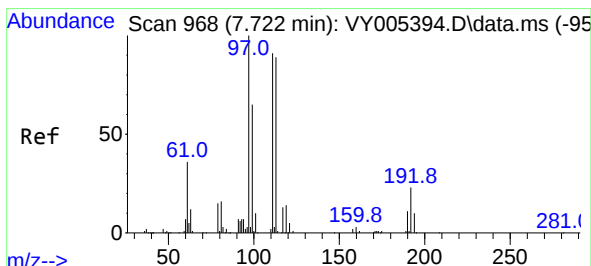
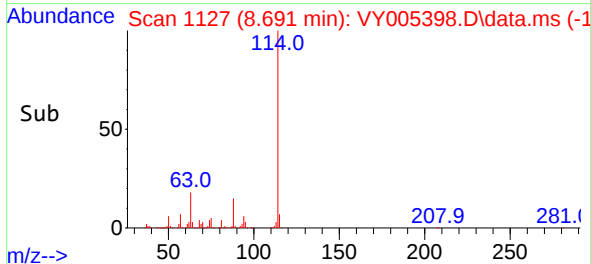
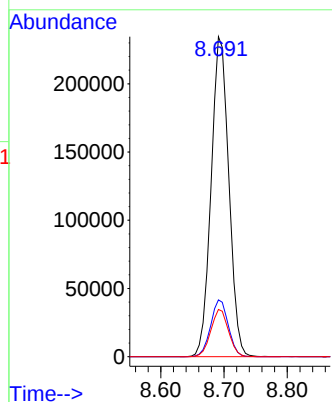
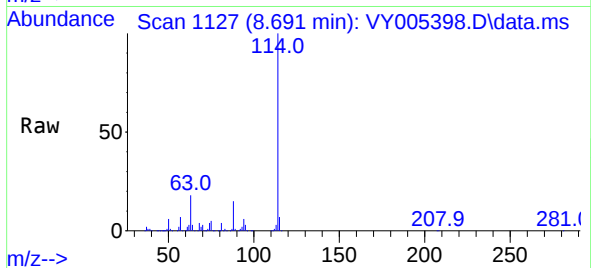


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

Instrument :
MSVOA_Y
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VY0709SBL01

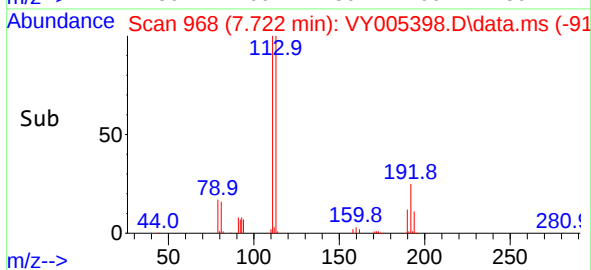
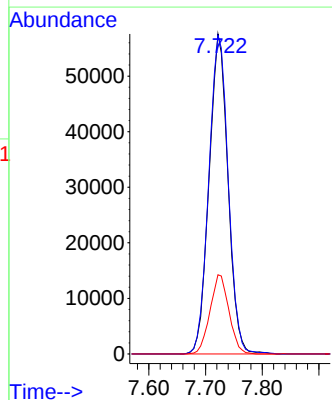
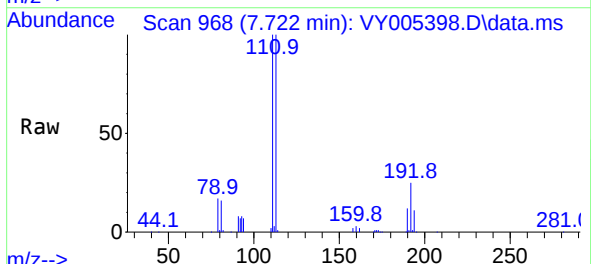
Tgt Ion:114 Resp: 455220
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.2
88 14.7 0.0 29.4

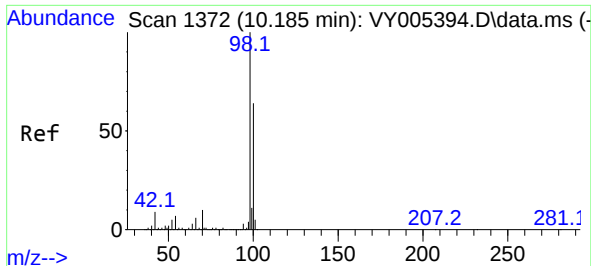


#35

Dibromofluoromethane
Concen: 49.882 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

Tgt Ion:113 Resp: 133264
Ion Ratio Lower Upper
113 100
111 102.4 82.7 124.1
192 24.7 19.9 29.9

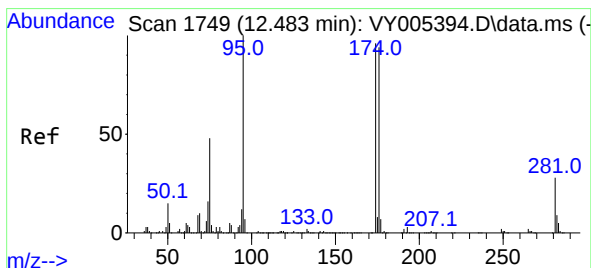
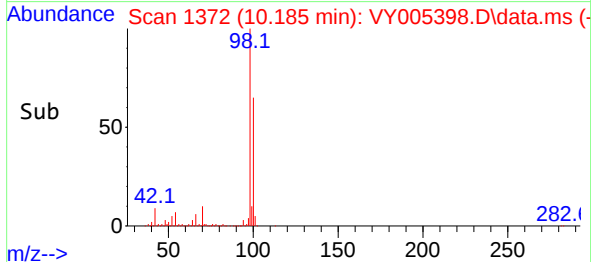
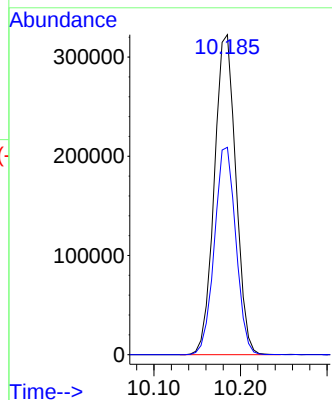
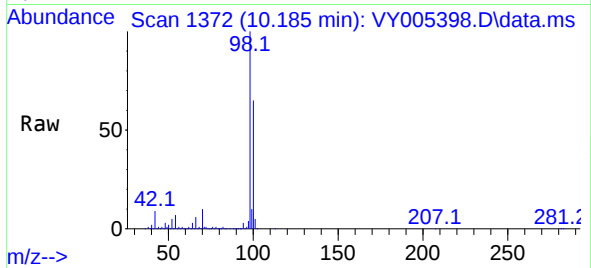




#50
Toluene-d8
Concen: 48.911 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

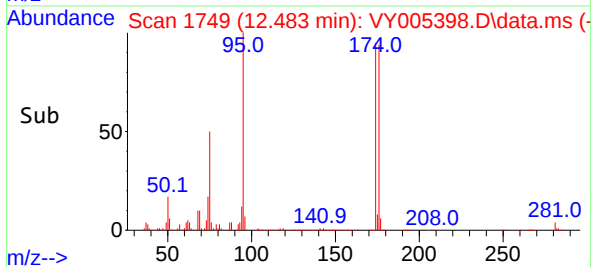
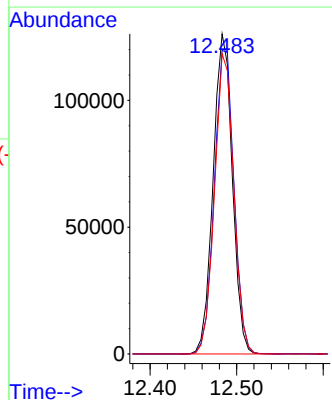
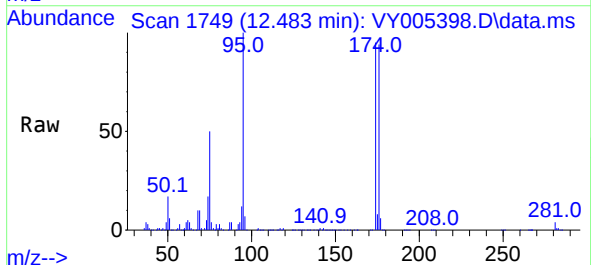
Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBL01

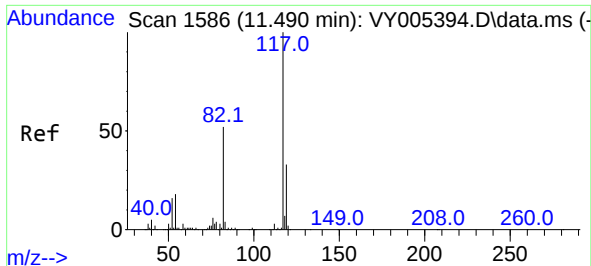
Tgt Ion: 98 Resp: 556200
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 50.701 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

Tgt Ion: 95 Resp: 194361
Ion Ratio Lower Upper
95 100
174 97.3 0.0 196.2
176 93.8 0.0 189.6



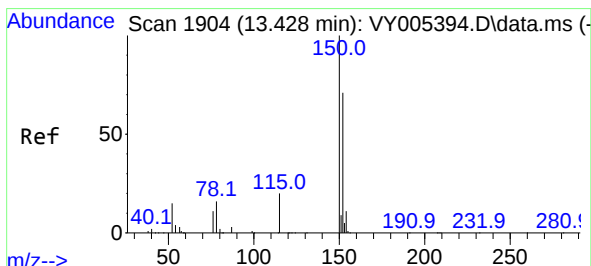
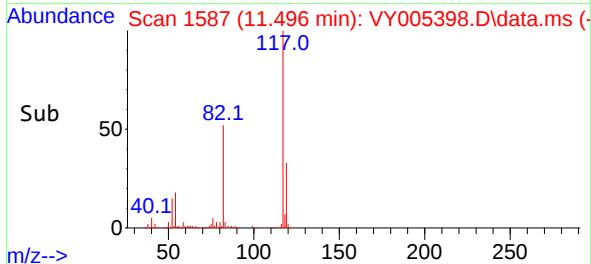
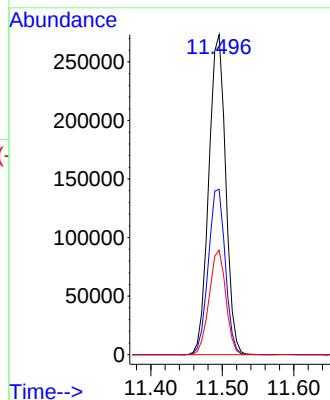
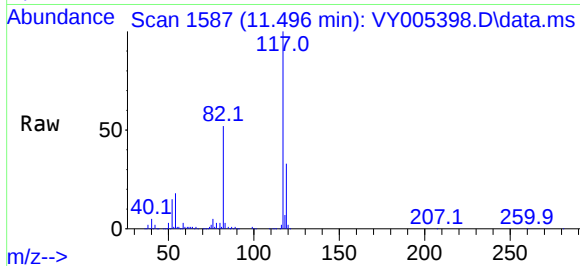


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBL01

Tgt Ion:117 Resp: 447686

Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.6	62.4
119	32.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005398.D
Acq: 09 Jul 2021 14:33

Tgt Ion:152 Resp: 230520

Ion	Ratio	Lower	Upper
152	100		
115	53.5	26.8	80.3
150	156.7	0.0	349.8

