

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005474.D
 Acq On : 27 Jul 2021 18:57
 Operator : SY/MD
 Sample : M3165-01
 Misc : 5.17G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Jul 28 02:36:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	200780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	334295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	345080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	184090	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	130839	60.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.000%
35) Dibromofluoromethane	7.728	113	101588	52.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.260%
50) Toluene-d8	10.185	98	427350	52.236	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.483	95	155324	57.525	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.040%

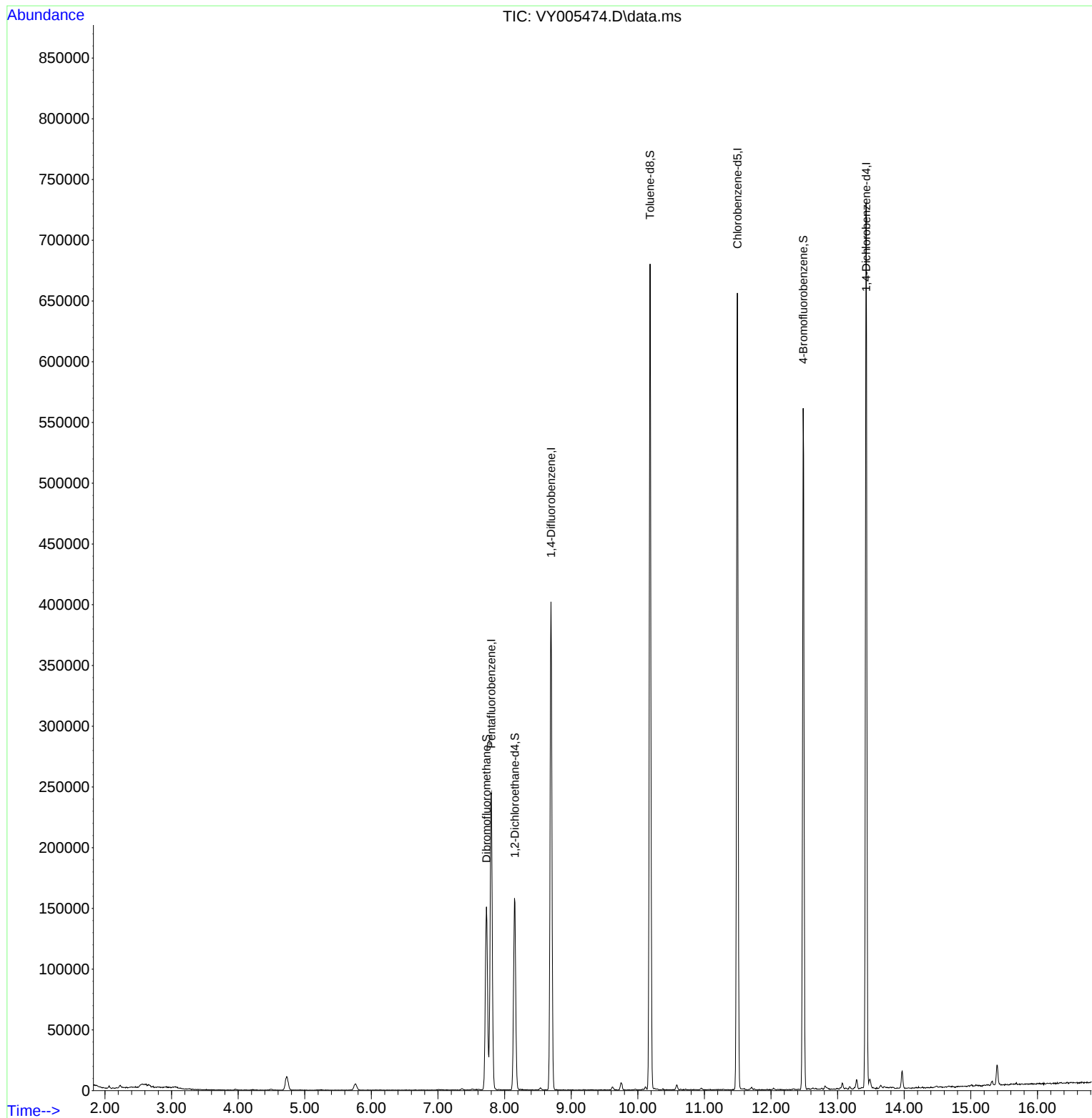
Target Compounds	Qvalue

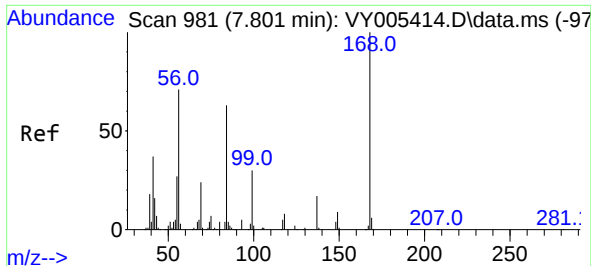
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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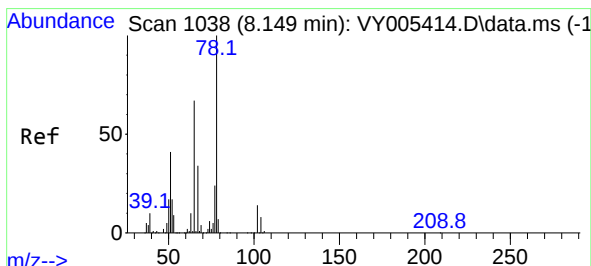
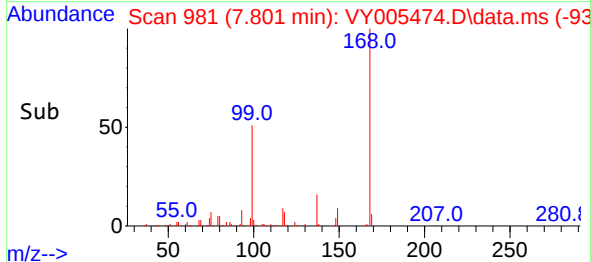
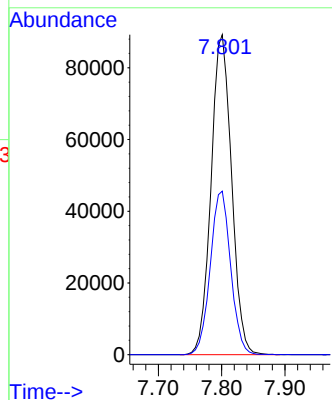
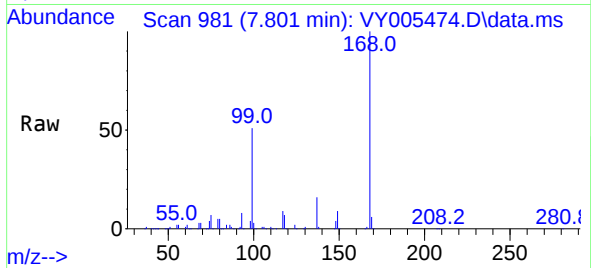




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

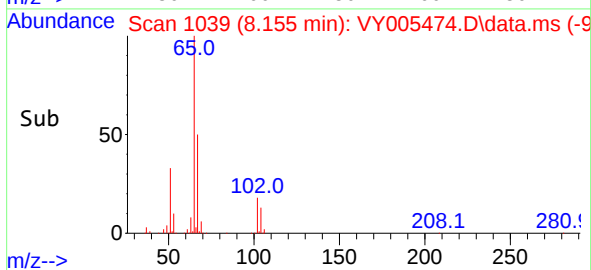
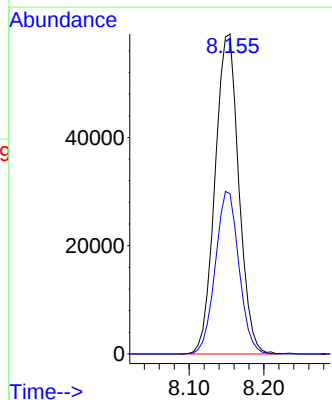
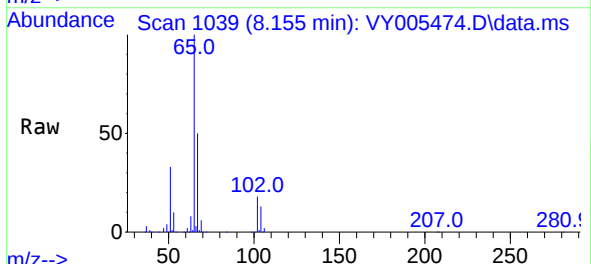
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

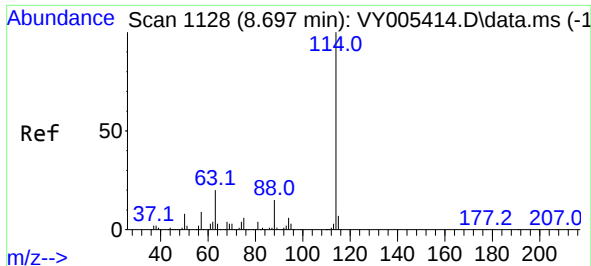
Tgt Ion:168 Resp: 200780
Ion Ratio Lower Upper
168 100
99 51.1 39.8 59.6



#33
1,2-Dichloroethane-d4
Concen: 60.997 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

Tgt Ion: 65 Resp: 130839
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.2



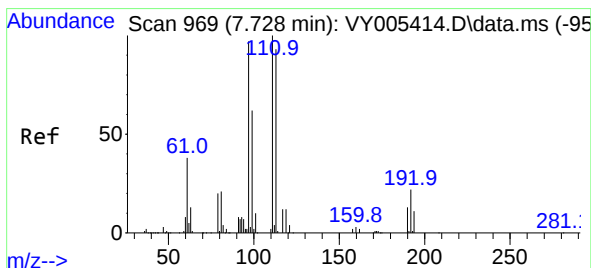
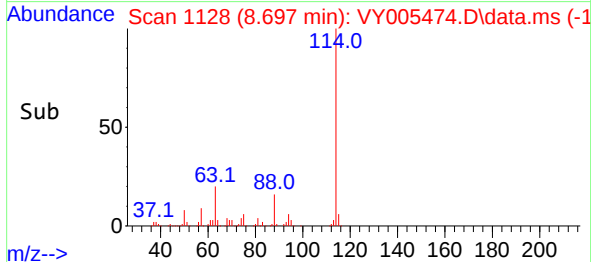
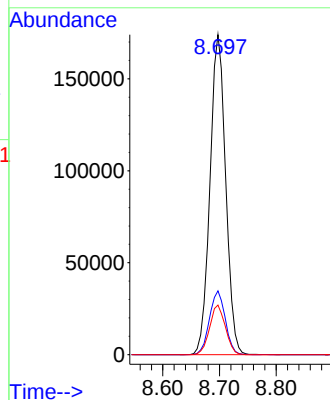
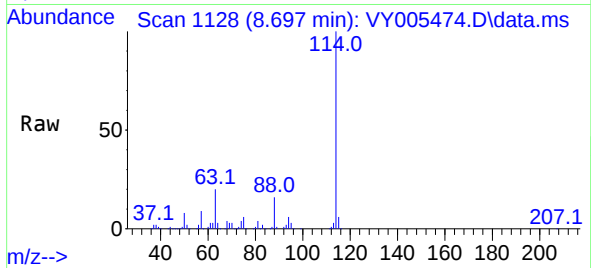


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:114 Resp: 334295

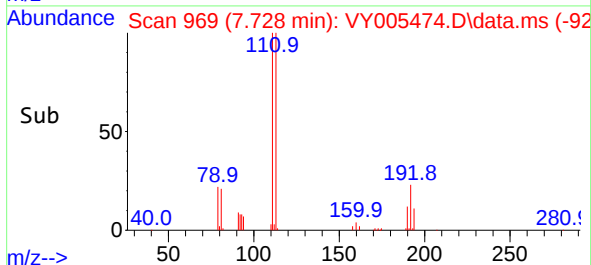
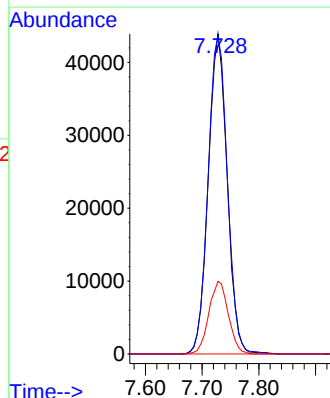
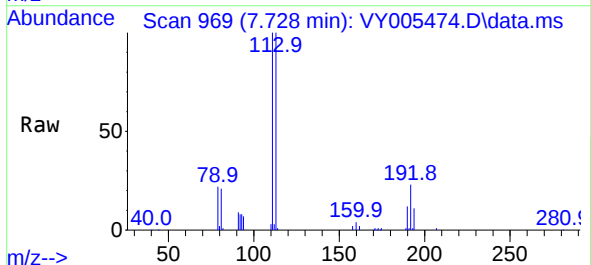
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	15.5	0.0	30.8

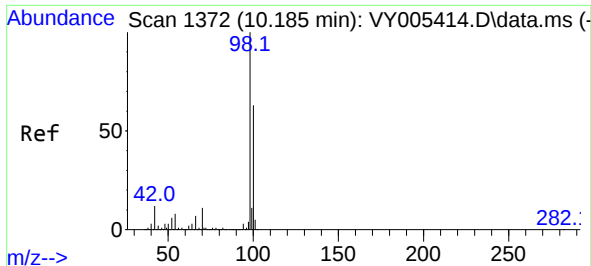


#35
Dibromofluoromethane
Concen: 52.629 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

Tgt Ion:113 Resp: 101588

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	124.0
192	23.4	18.9	28.3

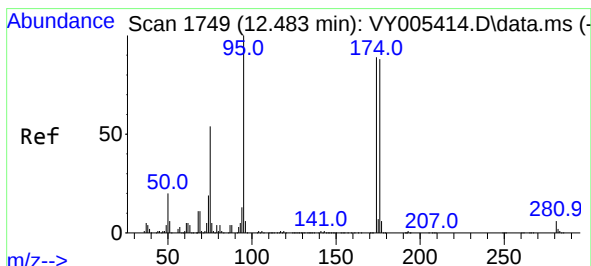
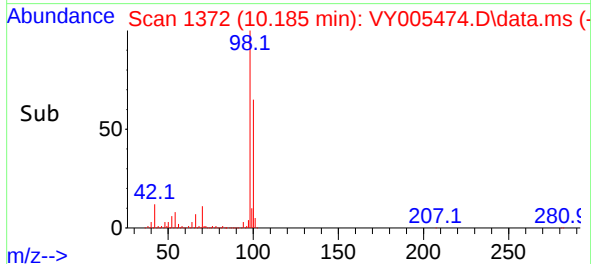
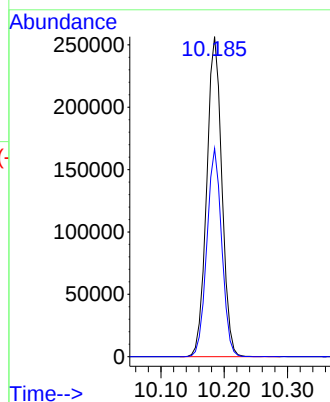
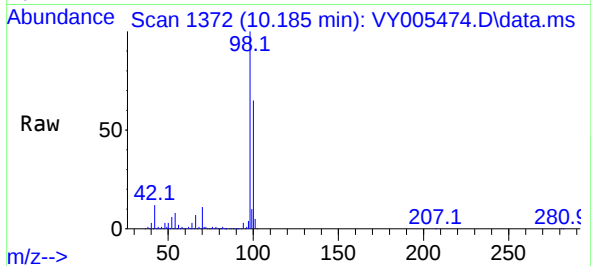




#50
Toluene-d8
Concen: 52.236 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

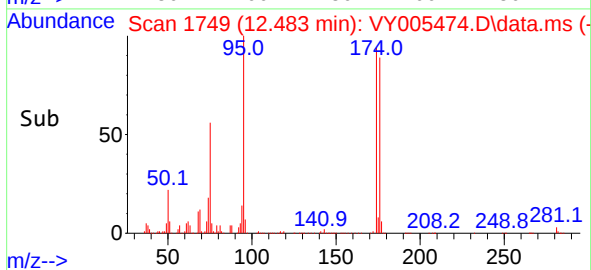
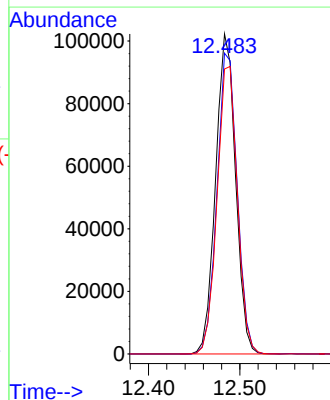
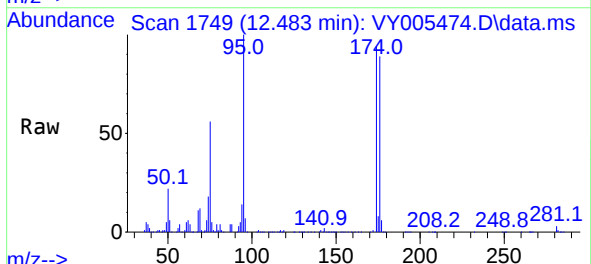
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

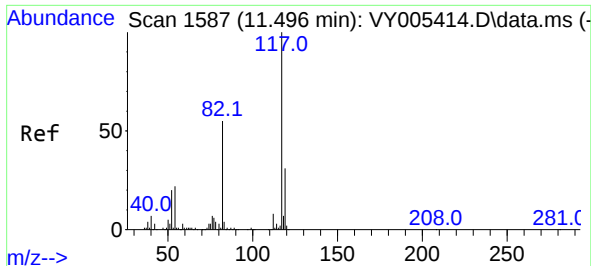
Tgt Ion: 98 Resp: 427350
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 57.525 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

Tgt Ion: 95 Resp: 155324
Ion Ratio Lower Upper
95 100
174 95.2 0.0 186.6
176 91.5 0.0 182.4

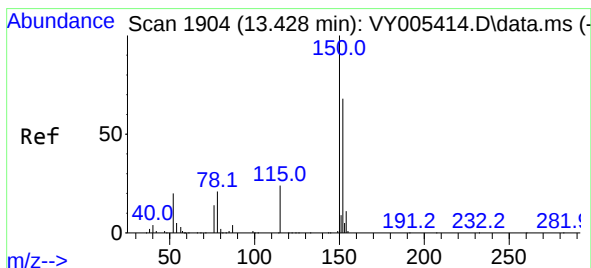
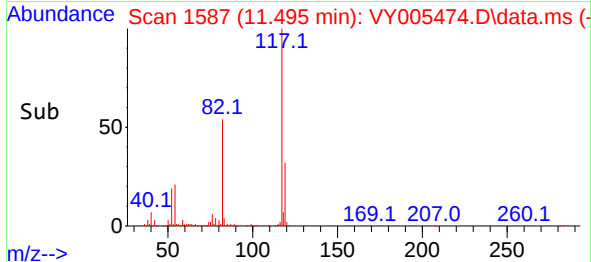
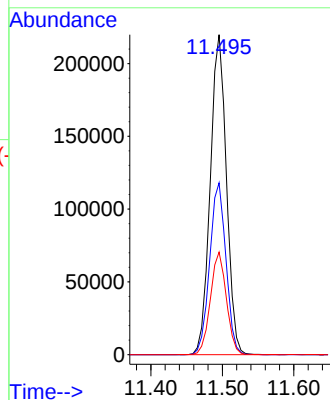
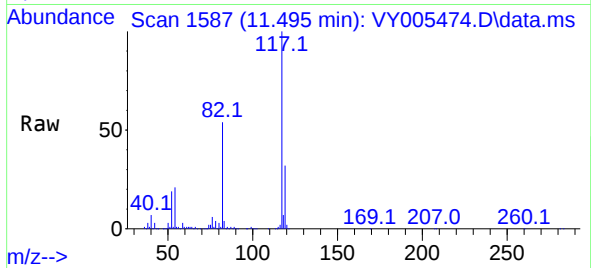




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:	117	Resp:	345080
Ion Ratio	Lower	Upper	
117	100		
82	53.7	43.8	65.6
119	32.0	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

Tgt Ion:	152	Resp:	184090
Ion Ratio	Lower	Upper	
152	100		
115	53.5	27.7	83.1
150	155.7	0.0	349.6

