

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005834.D
 Acq On : 25 Aug 2021 12:56
 Operator : SY/MD
 Sample : M3521-03
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124027

Quant Time: Aug 26 03:37:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	192920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	325778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	333673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167254	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122172	62.561	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.120%
35) Dibromofluoromethane	7.722	113	97285	53.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.680%
50) Toluene-d8	10.185	98	419565	54.848	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.700%
62) 4-Bromofluorobenzene	12.483	95	147168	58.097	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.200%

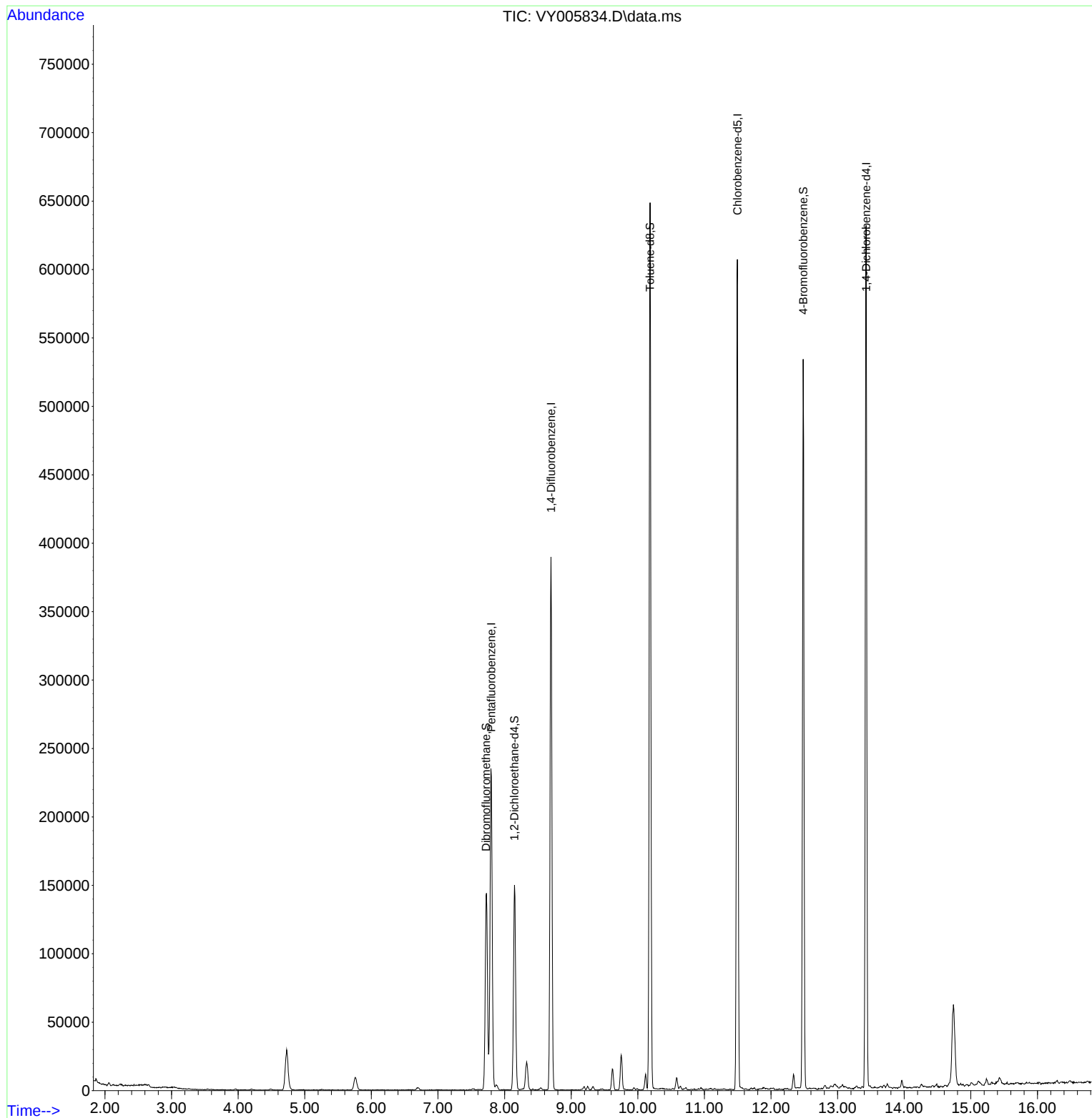
Target Compounds	Qvalue

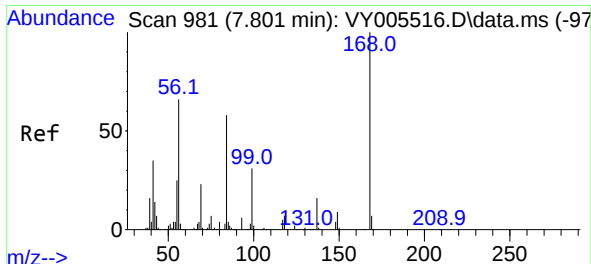
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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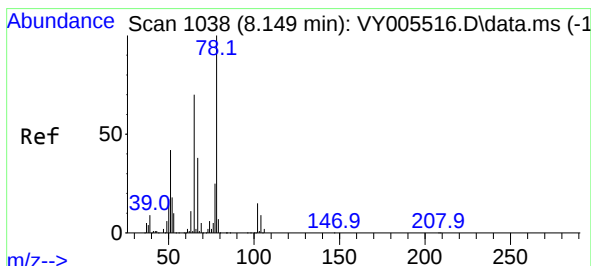
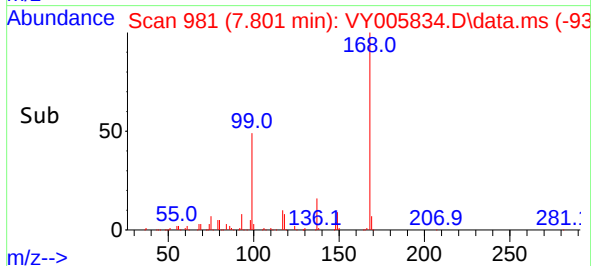
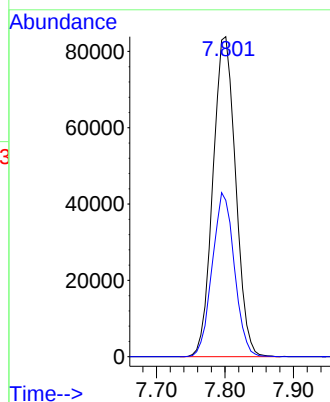
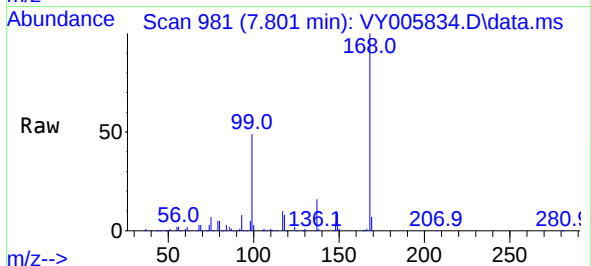




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

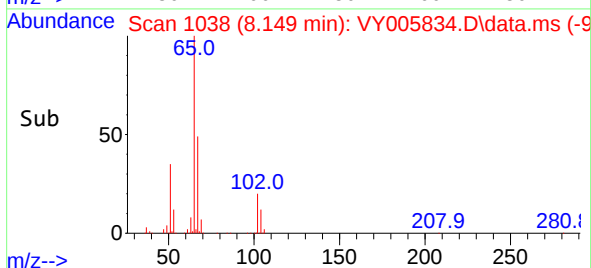
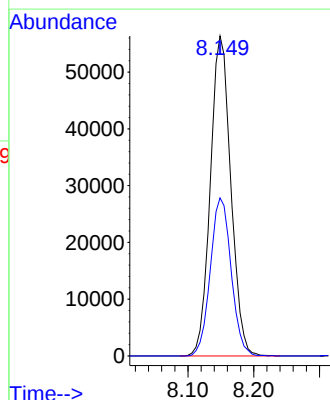
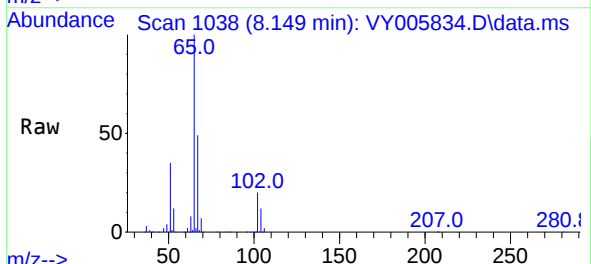
Instrument :
MSVOA_Y
ClientSampleId :
124027

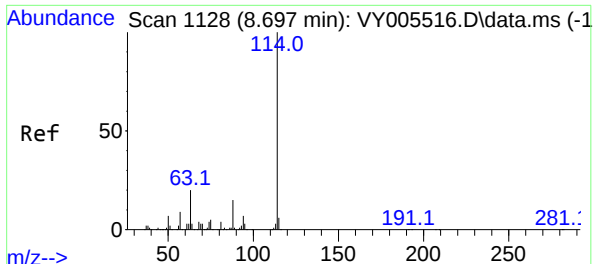
Tgt Ion:168 Resp: 192920
Ion Ratio Lower Upper
168 100
99 48.8 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 62.561 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

Tgt Ion: 65 Resp: 122172
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.4

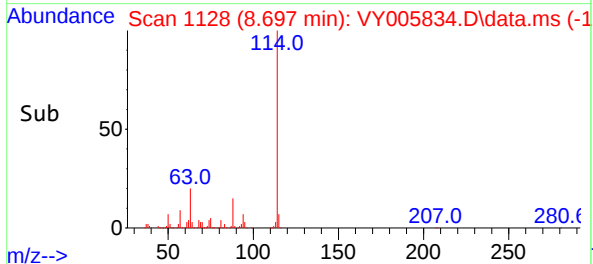
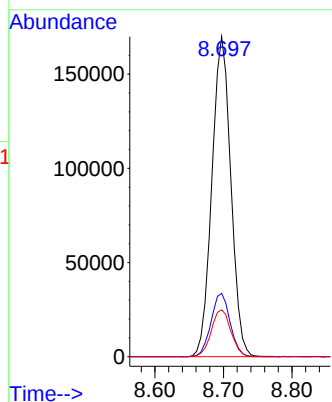
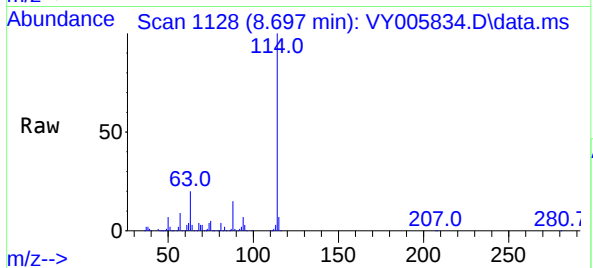




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

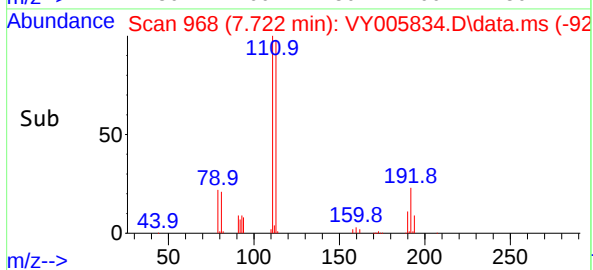
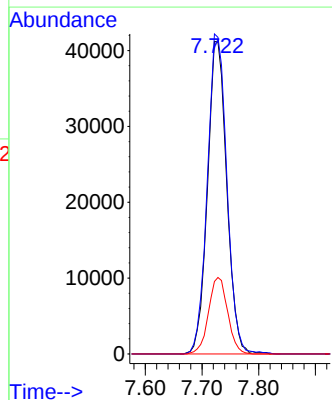
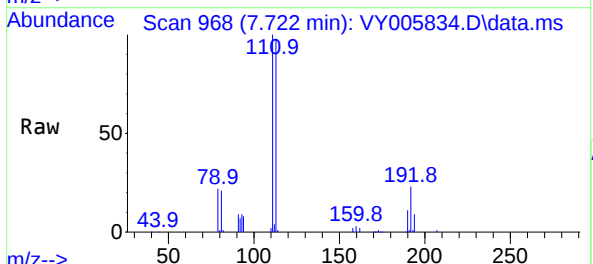
Instrument :
MSVOA_Y
ClientSampleId :
124027

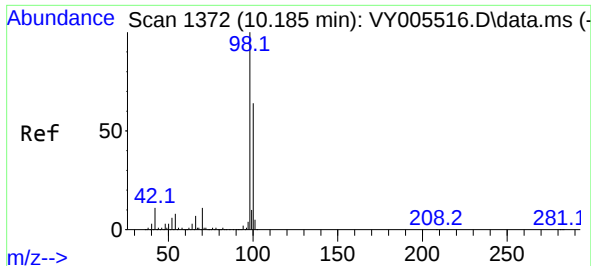
Tgt Ion:	114	Resp:	325778
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.2
88	14.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.337 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

Tgt Ion:	113	Resp:	97285
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	24.3	19.2	28.8

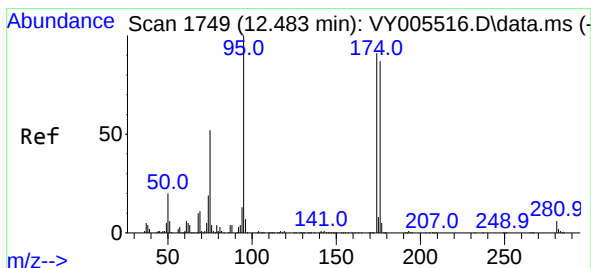
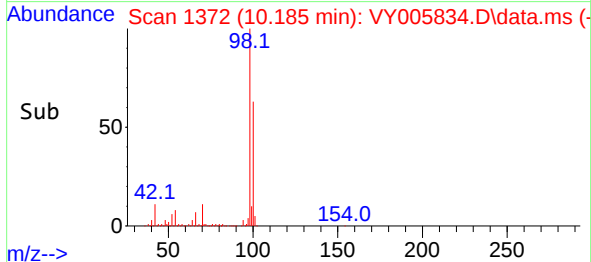
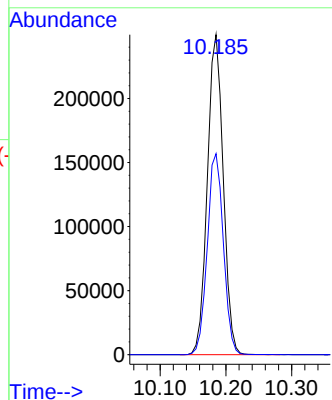
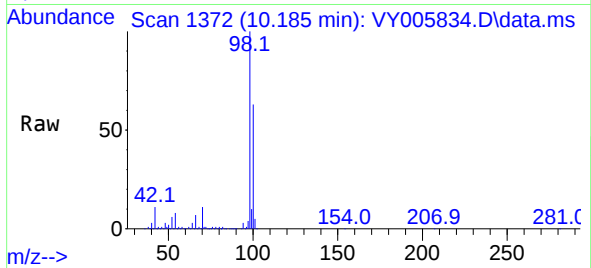




#50
Toluene-d8
Concen: 54.848 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

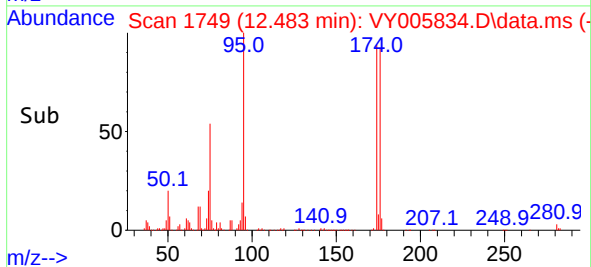
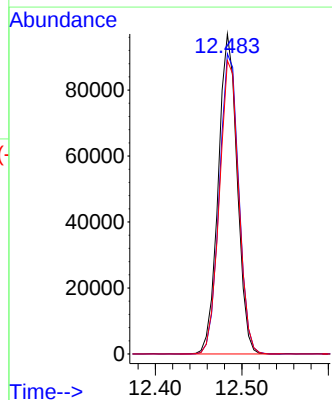
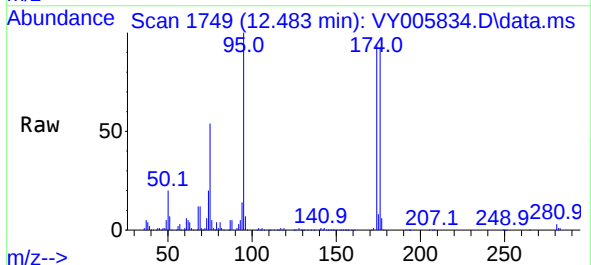
Instrument :
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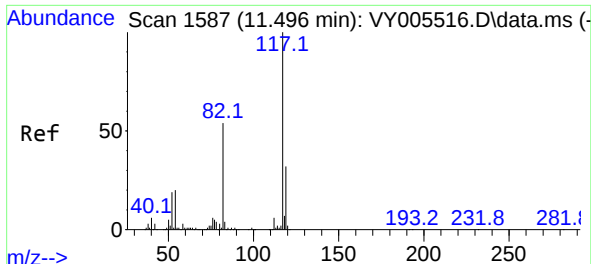
Tgt Ion: 98 Resp: 419565
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.097 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

Tgt Ion: 95 Resp: 147168
Ion Ratio Lower Upper
95 100
174 95.7 0.0 191.4
176 93.2 0.0 183.6

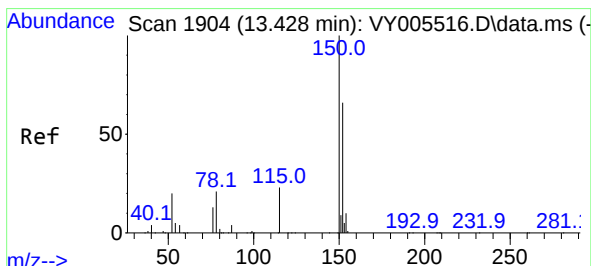
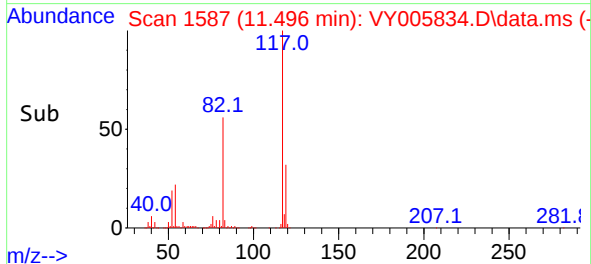
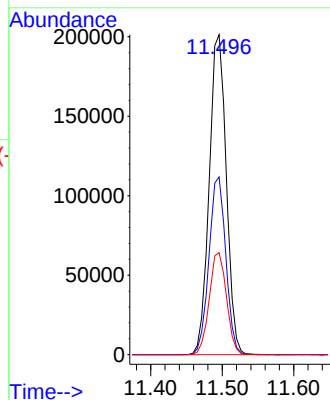
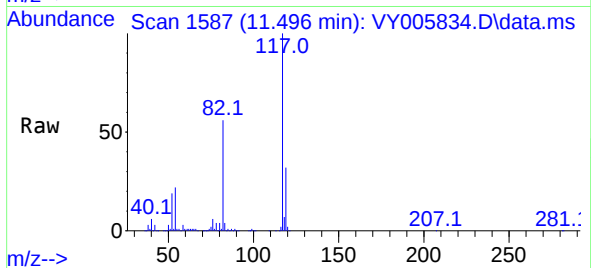




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

Instrument :
MSVOA_Y
ClientSampleId :
124027

Tgt Ion:	117	Resp:	333673
Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.5	65.3
119	31.9	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

Tgt Ion:	152	Resp:	167254
Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.3	81.9
150	156.5	0.0	350.2

