

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005833.D
 Acq On : 25 Aug 2021 12:33
 Operator : SY/MD
 Sample : M3521-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124019

Quant Time: Aug 26 03:37:00 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	7.795	168	188732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	321551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	323925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163299	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124057	64.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.880%
35) Dibromofluoromethane	7.728	113	96974	53.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.740%
50) Toluene-d8	10.185	98	409622	54.253	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.500%
62) 4-Bromofluorobenzene	12.483	95	143673	57.463	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.920%

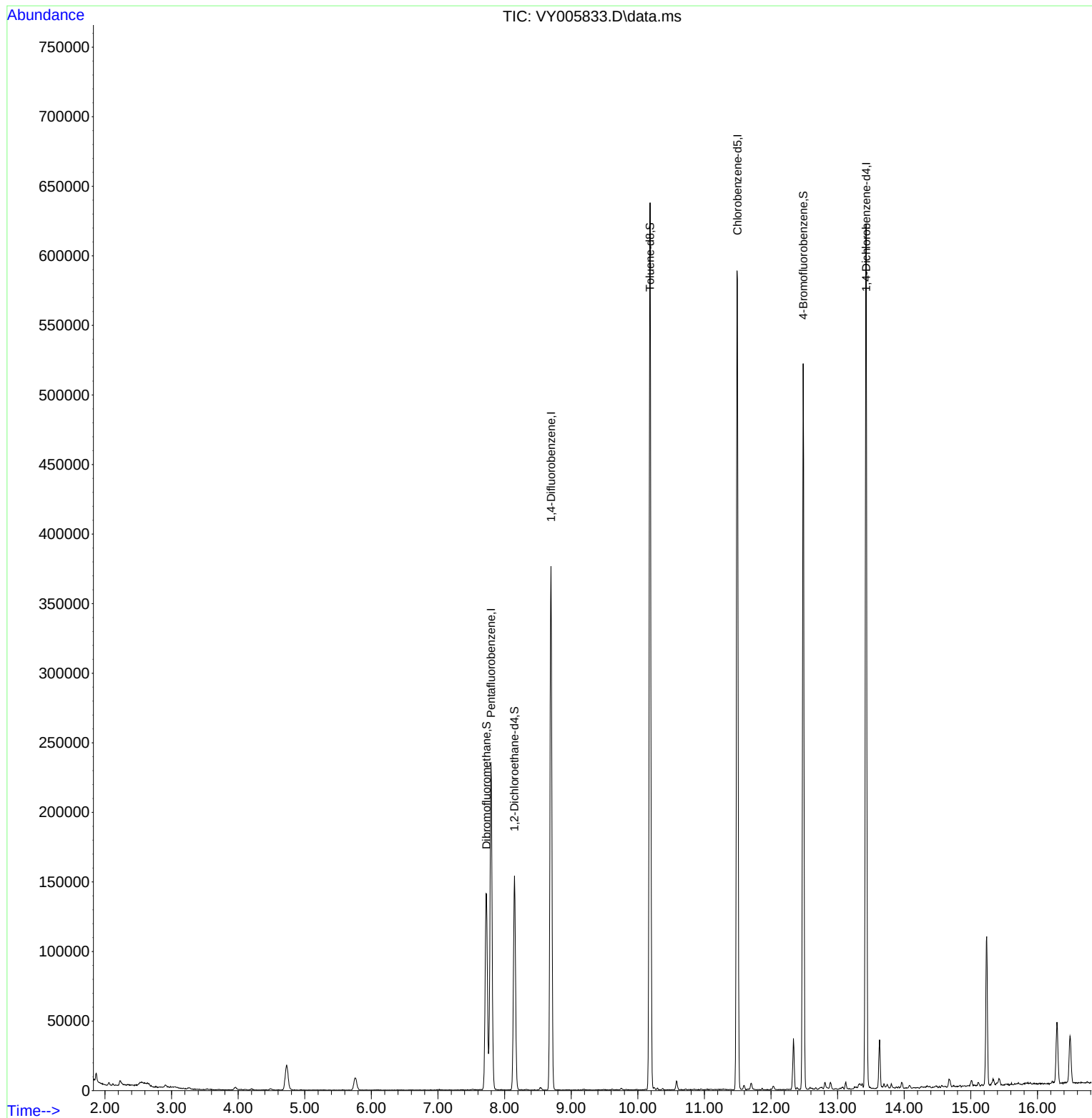
Target Compounds	Qvalue

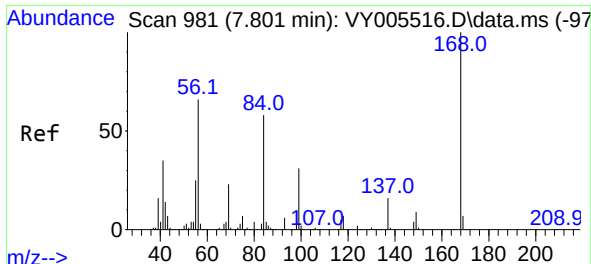
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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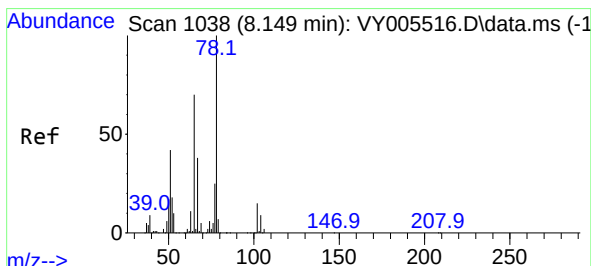
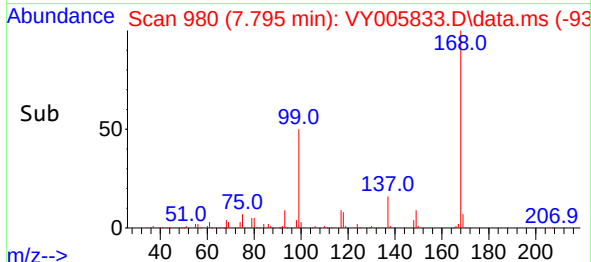
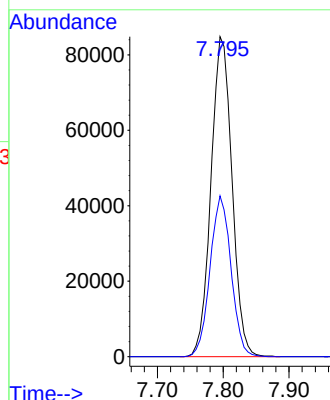
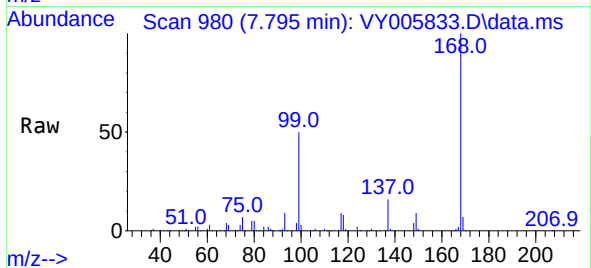




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

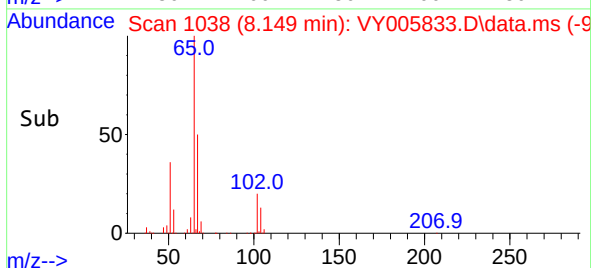
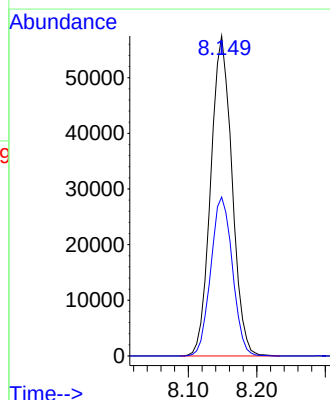
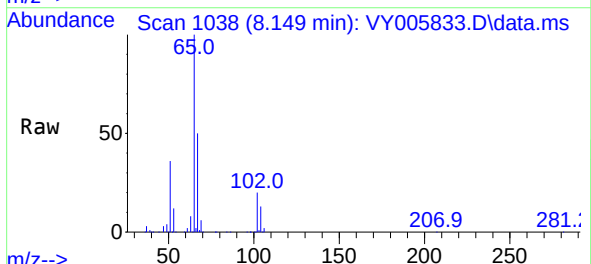
Instrument :
MSVOA_Y
ClientSampleId :
124019

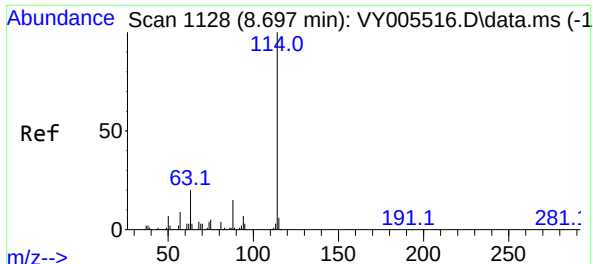
Tgt Ion:168 Resp: 188732
Ion Ratio Lower Upper
168 100
99 50.3 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 64.936 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

Tgt Ion: 65 Resp: 124057
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4

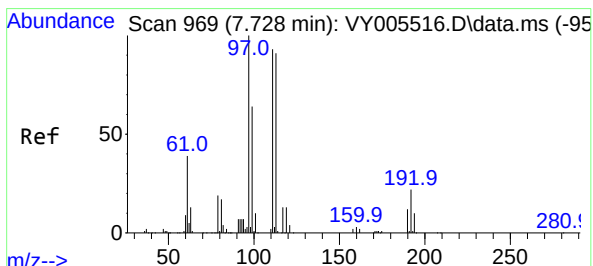
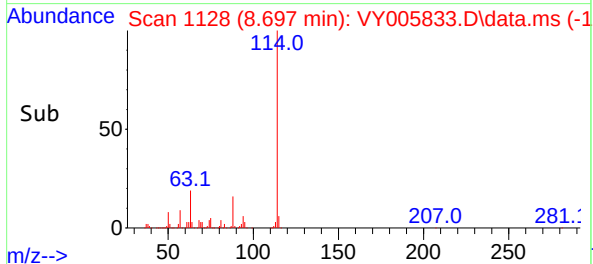
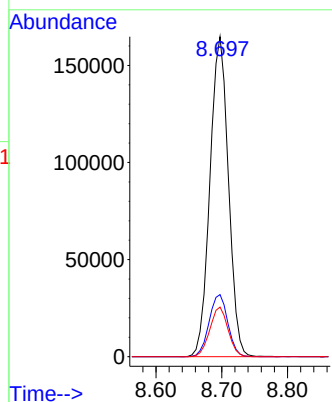
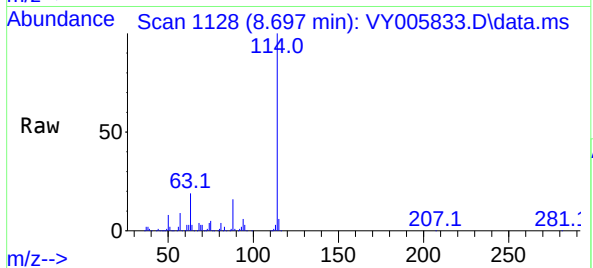




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

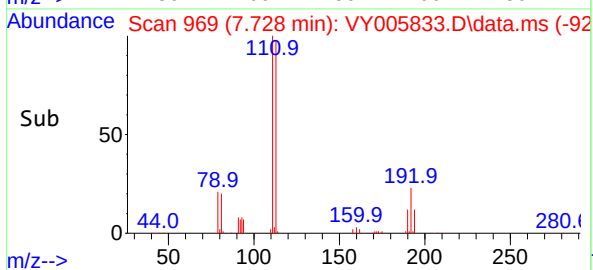
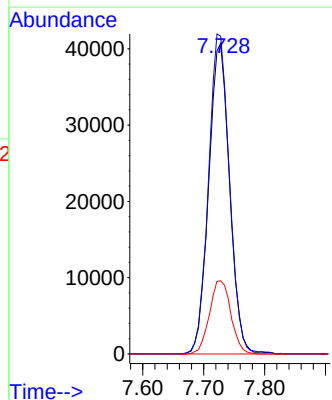
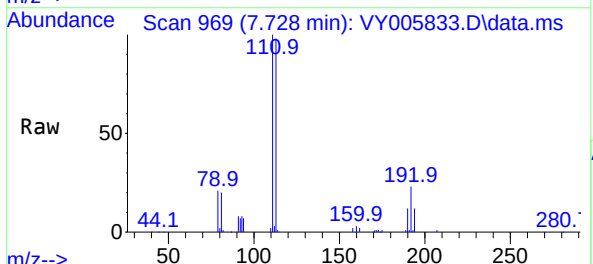
Instrument :
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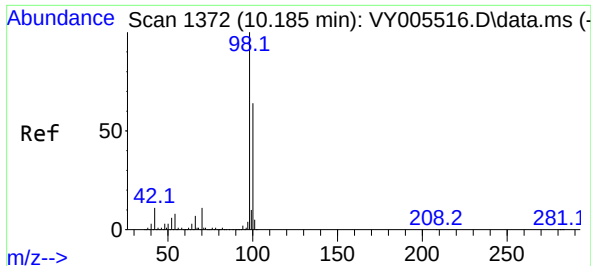
Tgt Ion:	114	Resp:	321551
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.2
88	15.5	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.866 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

Tgt Ion:	113	Resp:	96974
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	24.2	19.2	28.8

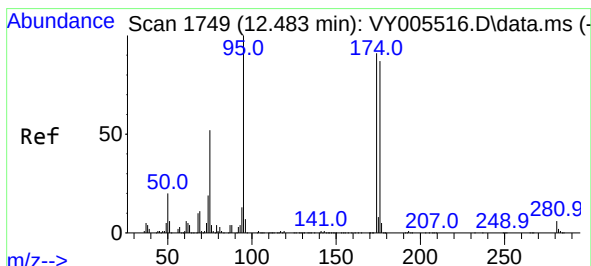
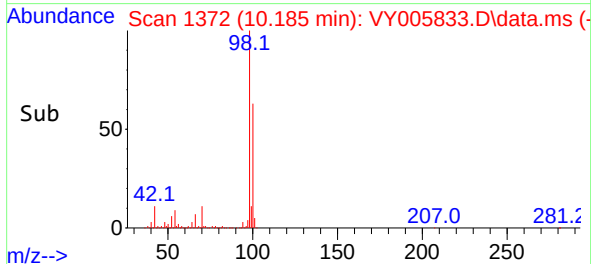
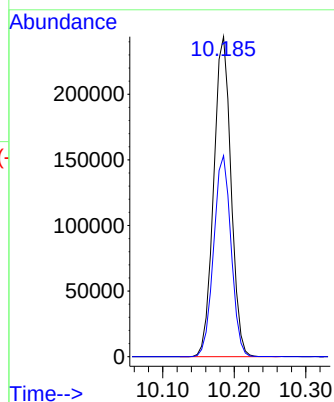
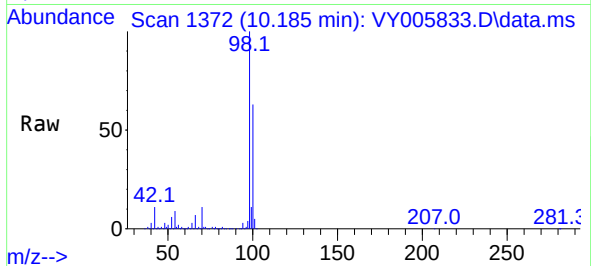




#50
Toluene-d8
Concen: 54.253 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

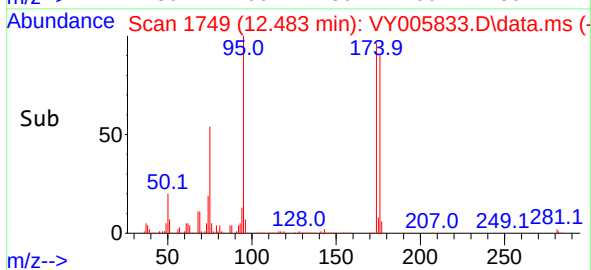
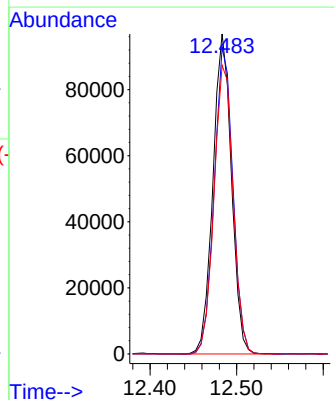
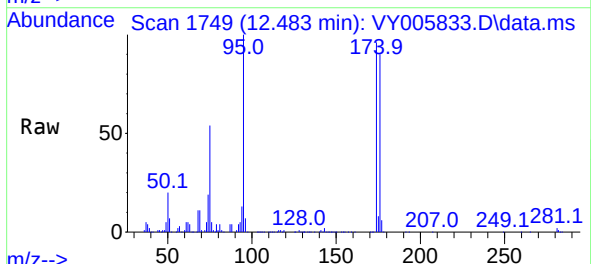
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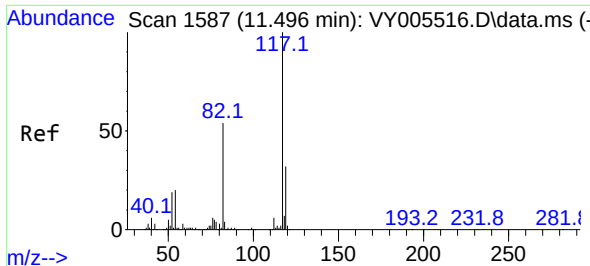
Tgt Ion: 98 Resp: 409622
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 57.463 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

Tgt Ion: 95 Resp: 143673
Ion Ratio Lower Upper
95 100
174 96.6 0.0 191.4
176 93.0 0.0 183.6

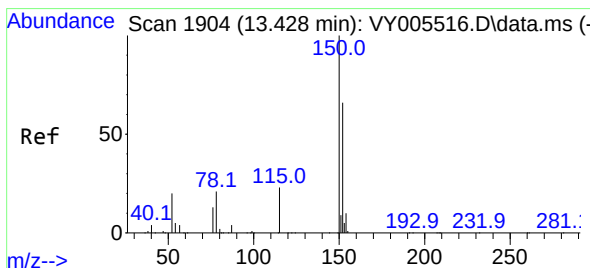
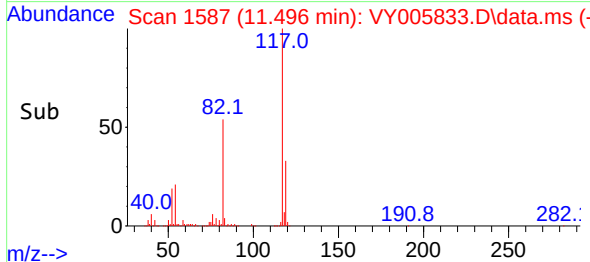
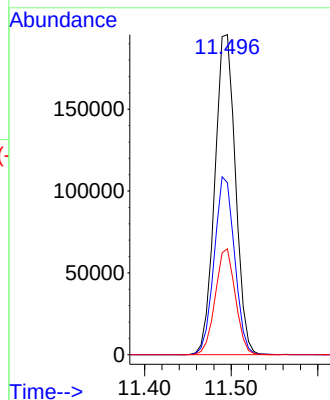
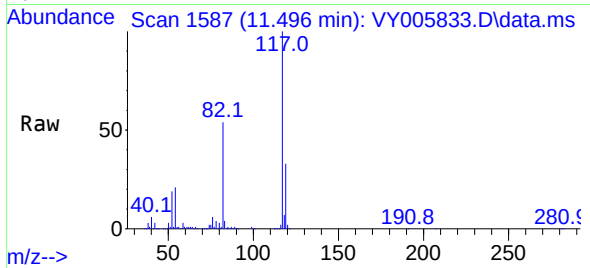




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005833.D
Acq: 25 Aug 2021 12:33

Instrument :
MSVOA_Y
ClientSampleId :
124019

Tgt Ion:	117	Resp:	323925
Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.5	65.3
119	33.1	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: VY005833.D
Acq: 25 Aug 2021 12:33

Tgt Ion:	152	Resp:	163299
Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.3	81.9
150	157.5	0.0	350.2

