

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005735.D
 Acq On : 18 Aug 2021 13:26
 Operator : SY/MD
 Sample : M3430-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1

Quant Time: Aug 19 05:17:00 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	4181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	7733	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3037	71.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.520%	
35) Dibromofluoromethane	7.728	113	1692	41.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.320%	
50) Toluene-d8	10.185	98	9274	54.440	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.880%	
62) 4-Bromofluorobenzene	12.477	95	2984	52.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.800%	

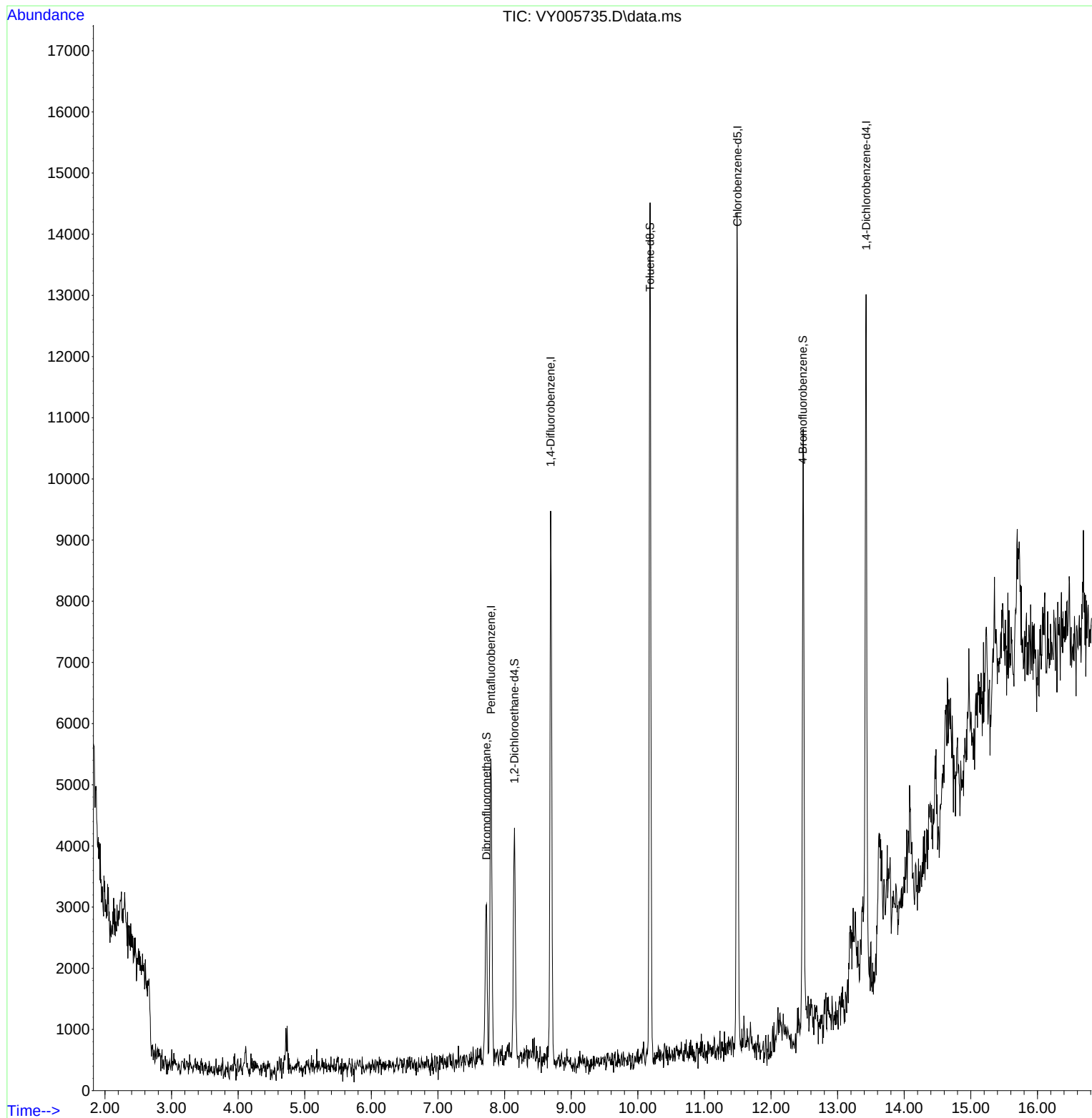
Target Compounds	Qvalue

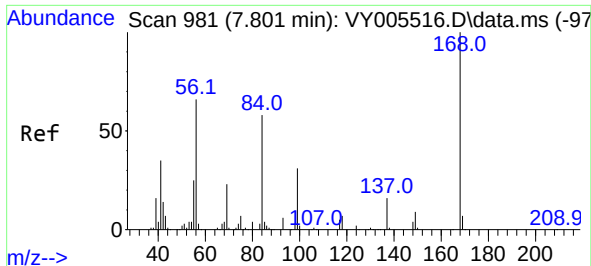
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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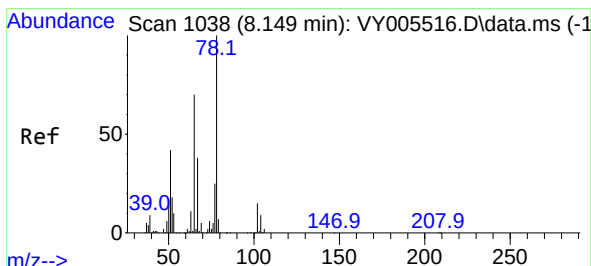
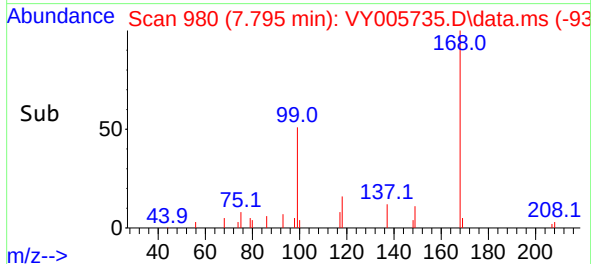
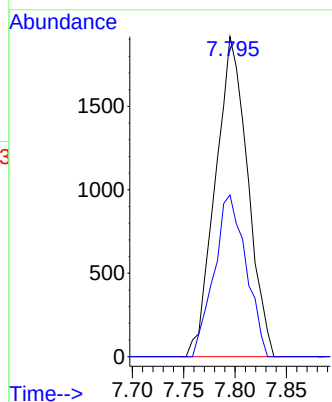
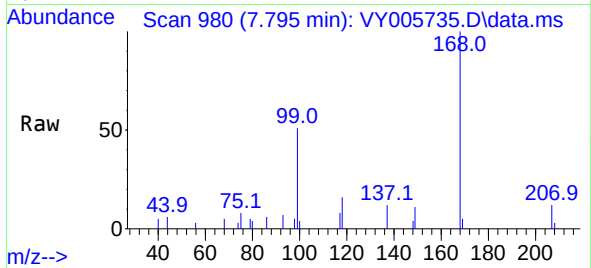




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005735.D
Acq: 18 Aug 2021 13:26

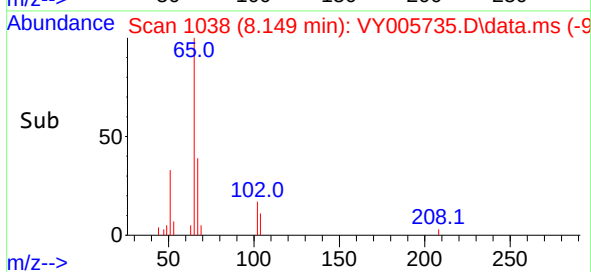
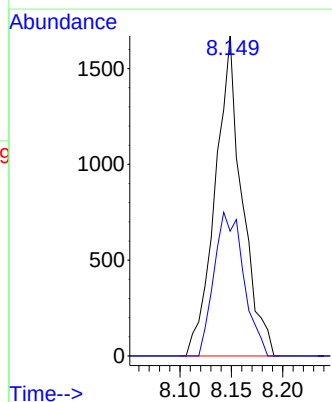
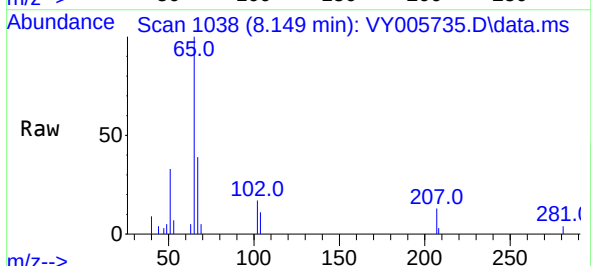
Instrument :
MSVOA_Y
ClientSampled :
PE-1

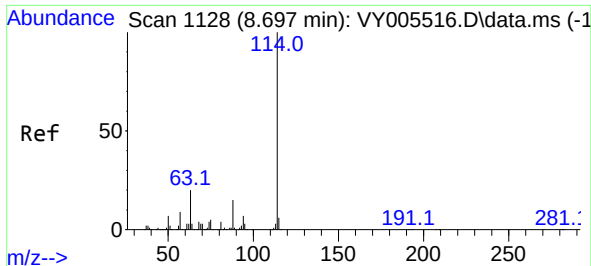
Tgt Ion:168 Resp: 4181
Ion Ratio Lower Upper
168 100
99 50.5 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 71.759 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005735.D
Acq: 18 Aug 2021 13:26

Tgt Ion: 65 Resp: 3037
Ion Ratio Lower Upper
65 100
67 49.4 0.0 103.4

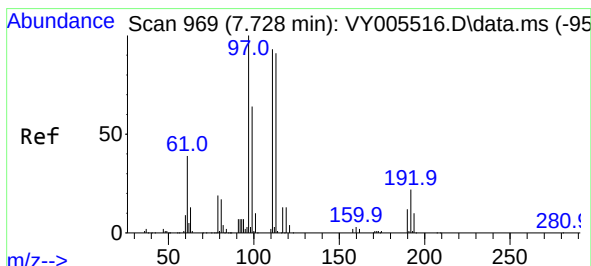
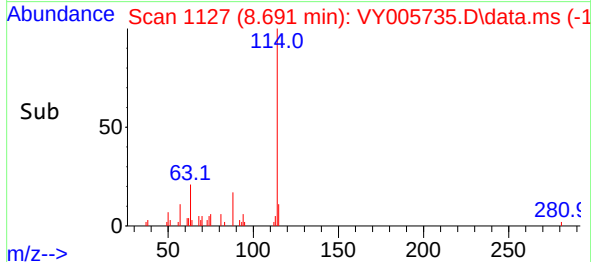
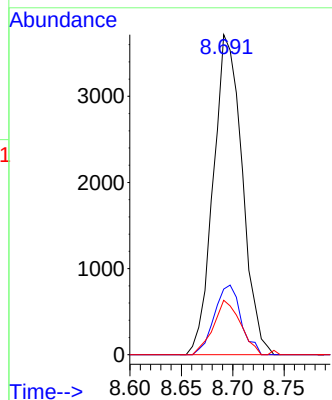
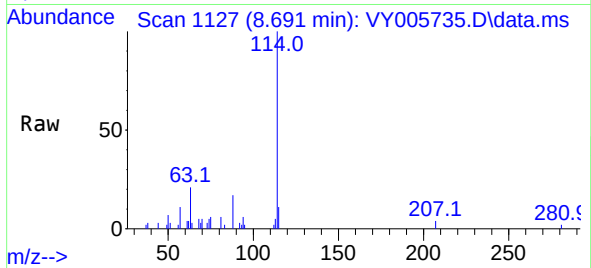




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005735.D
Acq: 18 Aug 2021 13:26

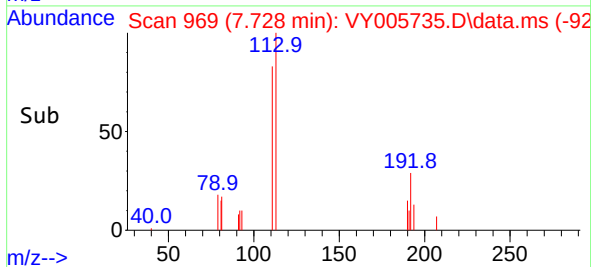
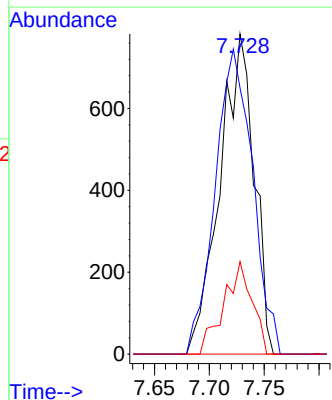
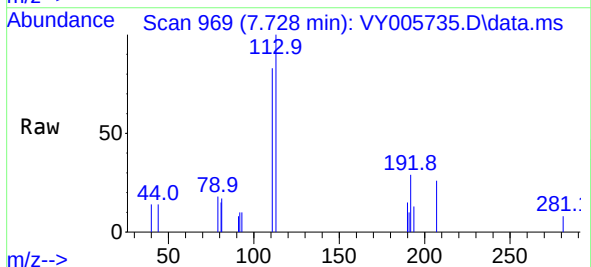
Instrument :
MSVOA_Y
ClientSampled :
PE-1

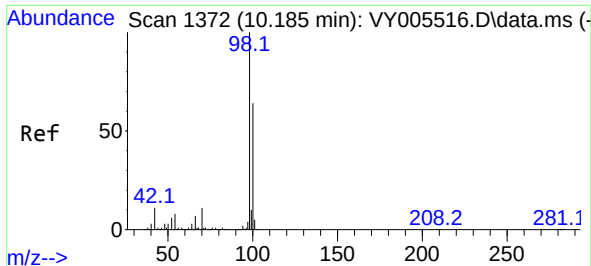
Tgt Ion:	114	Resp:	7255
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.2
88	17.0	0.0	30.8



#35
Dibromofluoromethane
Concen: 41.655 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005735.D
Acq: 18 Aug 2021 13:26

Tgt Ion:	113	Resp:	1692
Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.9	122.9
192	24.0	19.2	28.8

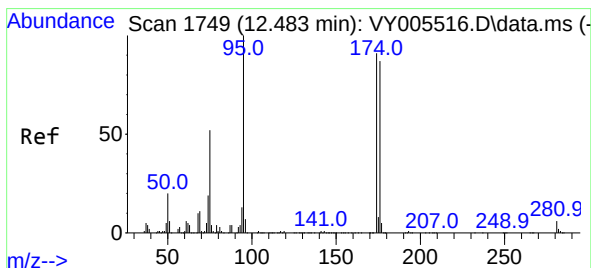
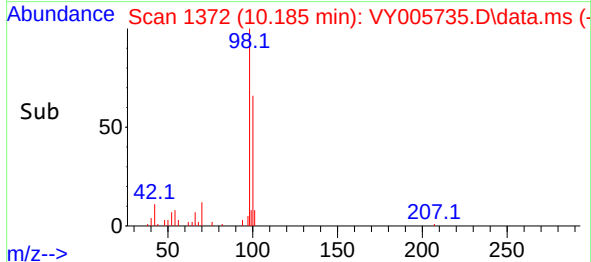
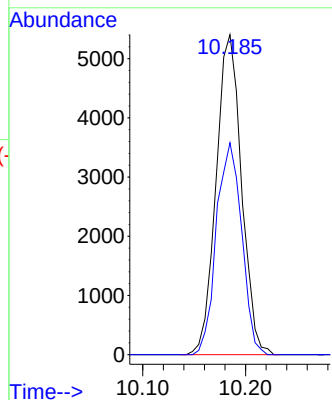
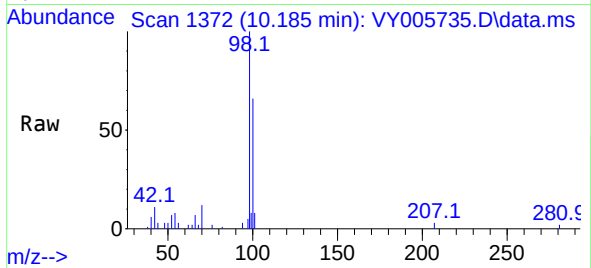




#50
Toluene-d8
Concen: 54.440 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005735.D
Acq: 18 Aug 2021 13:26

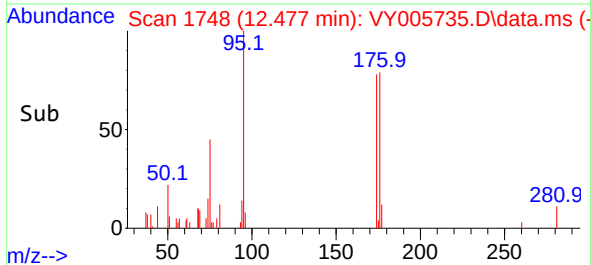
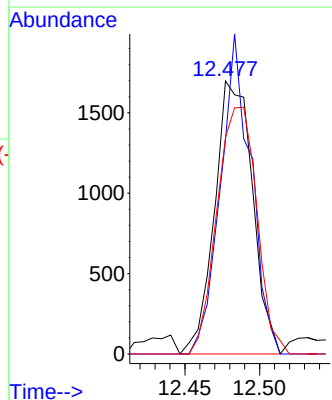
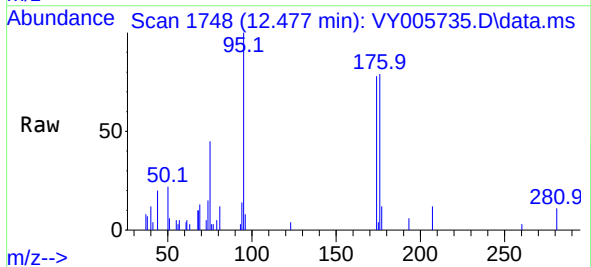
Instrument :
MSVOA_Y
ClientSampled :
PE-1

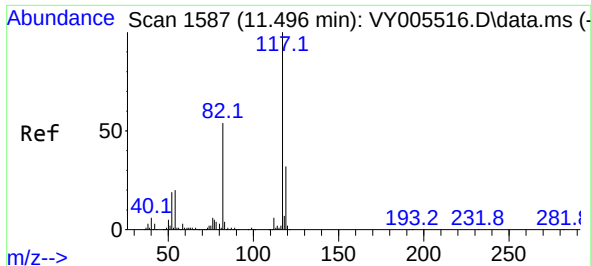
Tgt Ion: 98 Resp: 9274
Ion Ratio Lower Upper
98 100
100 65.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 52.896 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY005735.D
Acq: 18 Aug 2021 13:26

Tgt Ion: 95 Resp: 2984
Ion Ratio Lower Upper
95 100
174 94.2 0.0 191.4
176 94.8 0.0 183.6

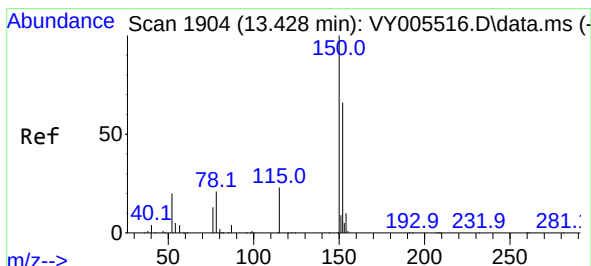
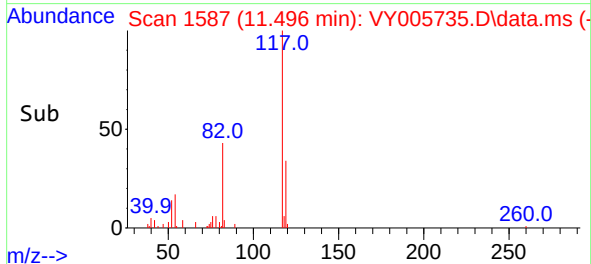
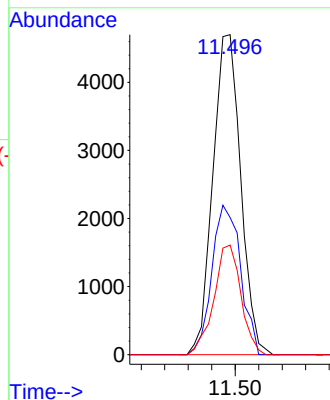
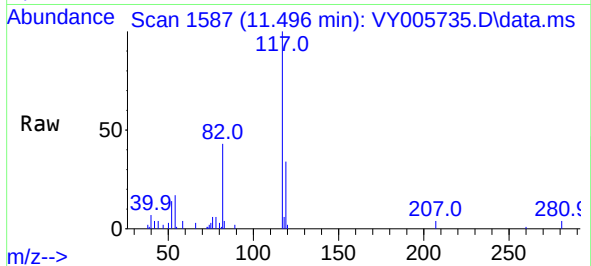




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005735.D
Acq: 18 Aug 2021 13:26

Instrument :
MSVOA_Y
ClientSampled :
PE-1

Tgt Ion:117 Resp: 7733
Ion Ratio Lower Upper
117 100
82 42.9 43.5 65.3#
119 34.3 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: VY005735.D
Acq: 18 Aug 2021 13:26

Tgt Ion:152 Resp: 2641
Ion Ratio Lower Upper
152 100
115 58.5 27.3 81.9
150 159.4 0.0 350.2

