

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005736.D
 Acq On : 18 Aug 2021 13:49
 Operator : SY/MD
 Sample : M3430-03
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-3

Quant Time: Aug 19 05:17:10 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	2539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	5156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2663	103.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 207.220%#	
35) Dibromofluoromethane	7.728	113	1295	44.861	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.720%	
50) Toluene-d8	10.185	98	6634	54.796	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.600%	
62) 4-Bromofluorobenzene	12.483	95	2378	59.315	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.620%	

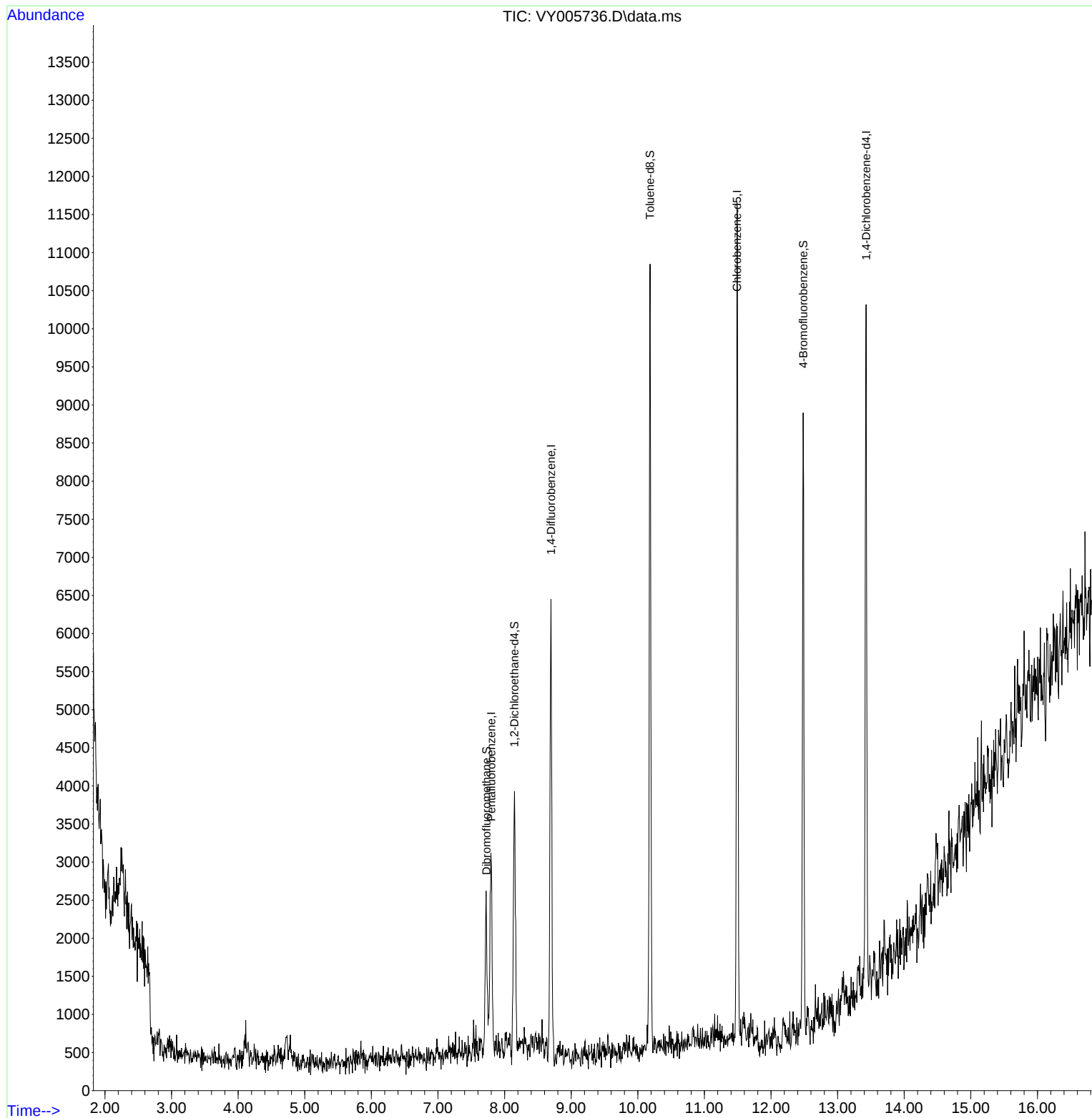
Target Compounds	Qvalue

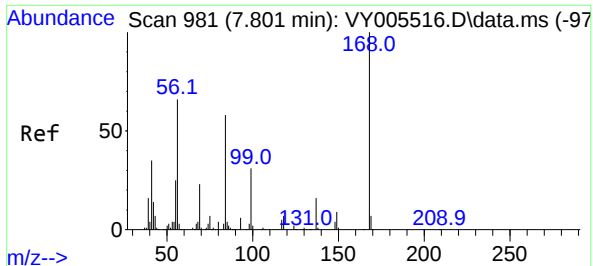
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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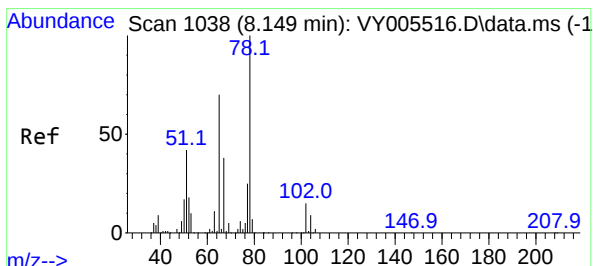
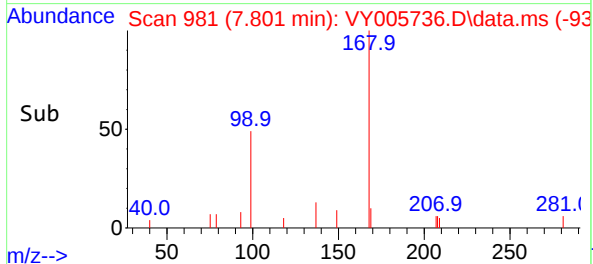
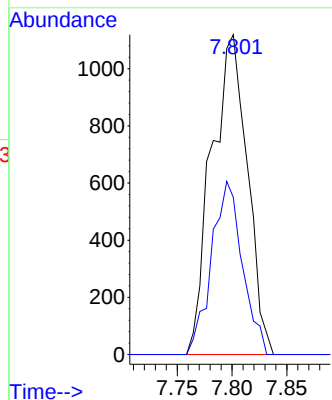
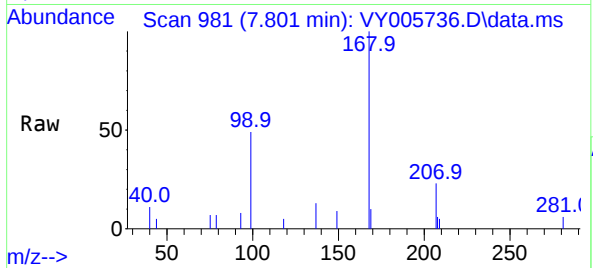




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005736.D
Acq: 18 Aug 2021 13:49

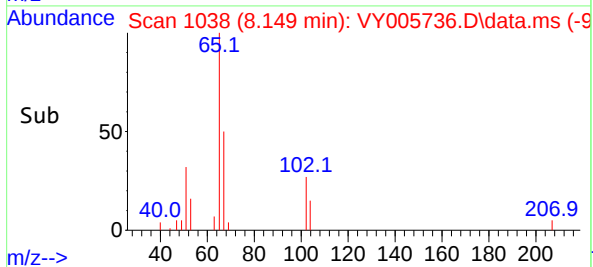
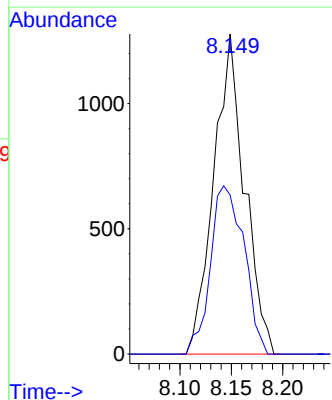
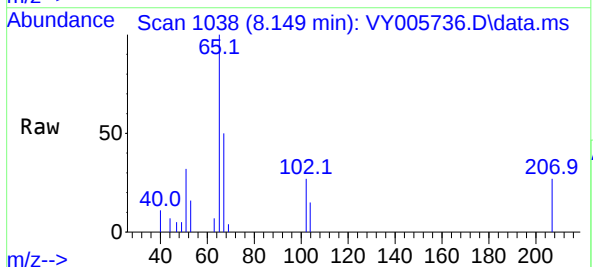
Instrument :
MSVOA_Y
ClientSampled :
PE-3

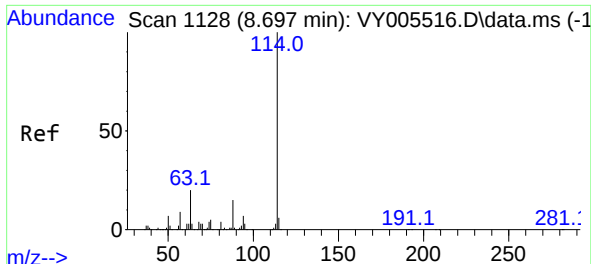
Tgt Ion:168 Resp: 2539
Ion Ratio Lower Upper
168 100
99 49.2 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 103.615 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005736.D
Acq: 18 Aug 2021 13:49

Tgt Ion: 65 Resp: 2663
Ion Ratio Lower Upper
65 100
67 57.3 0.0 103.4

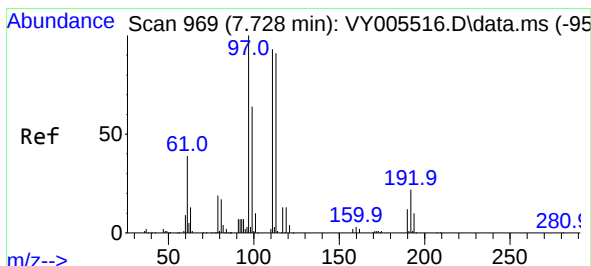
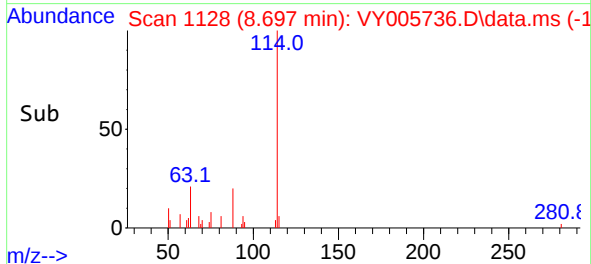
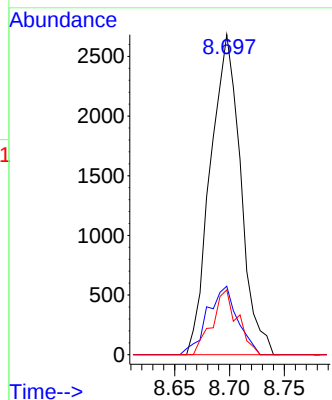
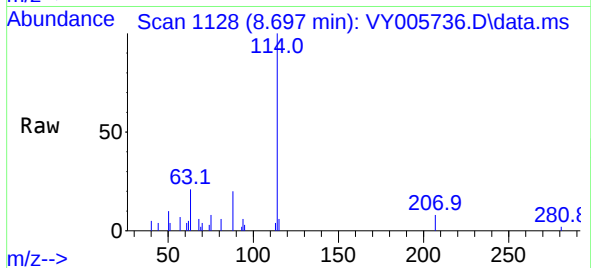




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005736.D
Acq: 18 Aug 2021 13:49

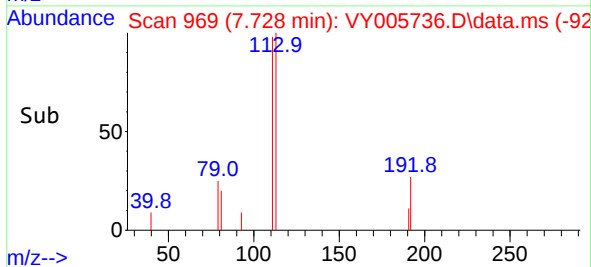
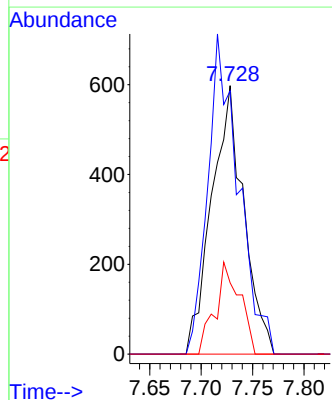
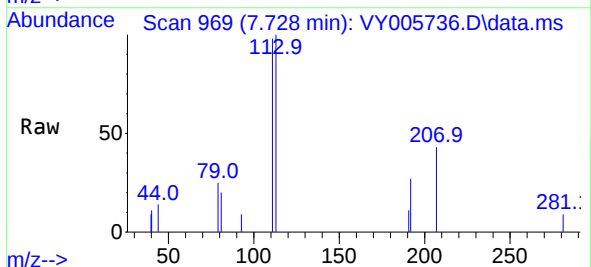
Instrument :
MSVOA_Y
ClientSampled :
PE-3

Tgt Ion:	114	Resp:	5156
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	39.2
88	20.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 44.861 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005736.D
Acq: 18 Aug 2021 13:49

Tgt Ion:	113	Resp:	1295
Ion	Ratio	Lower	Upper
113	100		
111	114.0	81.9	122.9
192	26.2	19.2	28.8

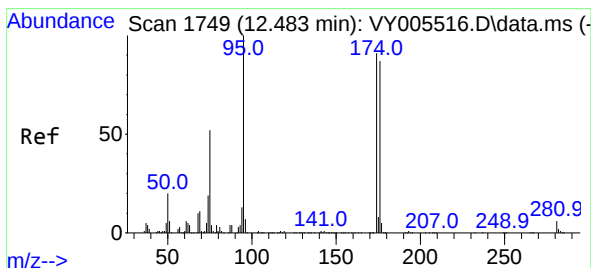
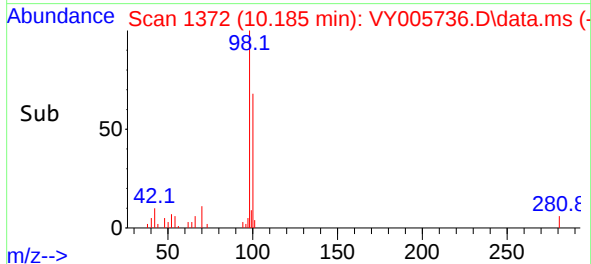
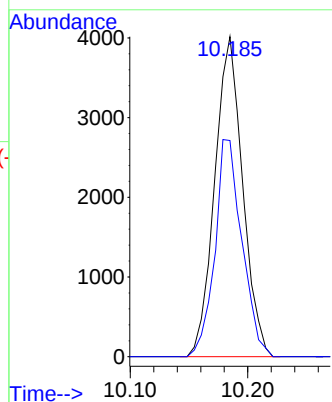
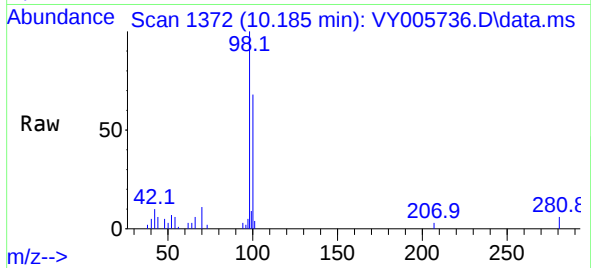




#50
Toluene-d8
Concen: 54.796 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005736.D
Acq: 18 Aug 2021 13:49

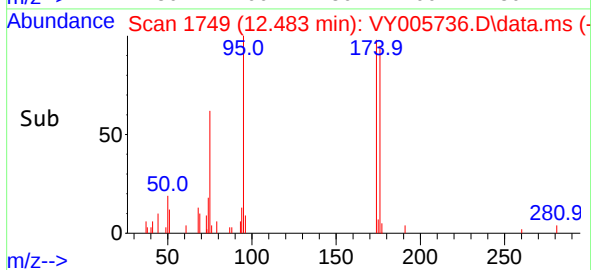
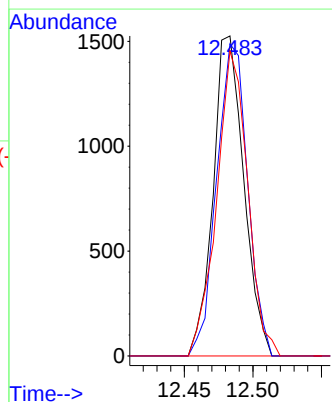
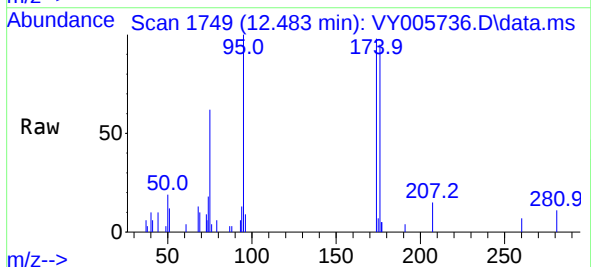
Instrument :
MSVOA_Y
ClientSampled :
PE-3

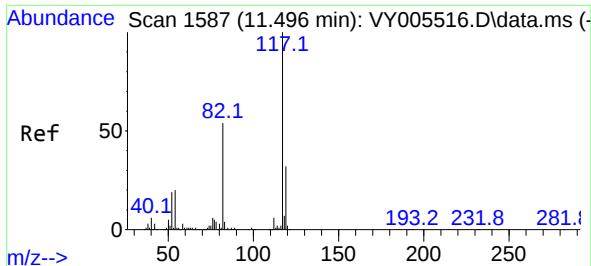
Tgt Ion: 98 Resp: 6634
Ion Ratio Lower Upper
98 100
100 65.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.315 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005736.D
Acq: 18 Aug 2021 13:49

Tgt Ion: 95 Resp: 2378
Ion Ratio Lower Upper
95 100
174 98.4 0.0 191.4
176 96.1 0.0 183.6

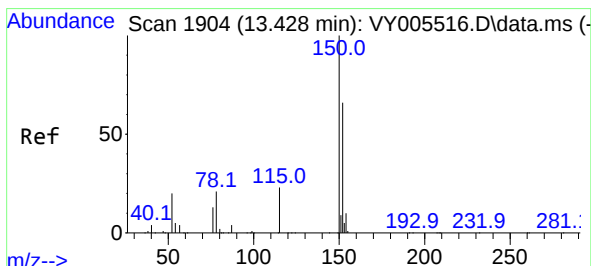
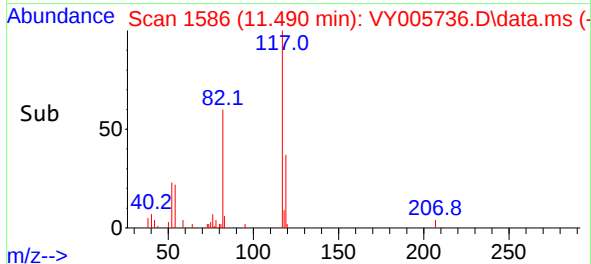
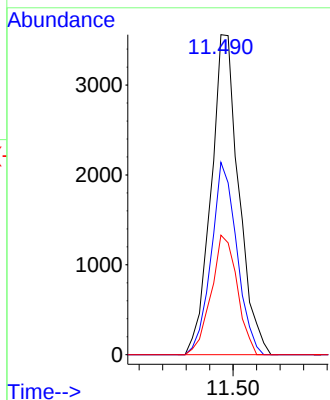
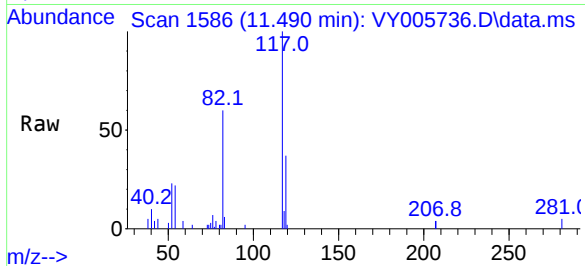




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005736.D
Acq: 18 Aug 2021 13:49

Instrument :
MSVOA_Y
ClientSampled :
PE-3

Tgt Ion:	117	Resp:	5836
Ion	Ratio	Lower	Upper
117	100		
82	60.1	43.5	65.3
119	37.3	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: VY005736.D
Acq: 18 Aug 2021 13:49

Tgt Ion:	152	Resp:	2423
Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.3	81.9
150	145.5	0.0	350.2

