

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005448.D
 Acq On : 26 Jul 2021 16:35
 Operator : SY/MD
 Sample : M3151-01
 Misc : 5.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Jul 27 03:11:04 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	199589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	343233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	352393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186461	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	136948	64.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.460%
35) Dibromofluoromethane	7.728	113	106136	53.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.100%
50) Toluene-d8	10.185	98	437718	52.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.220%
62) 4-Bromofluorobenzene	12.483	95	159855	57.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.320%

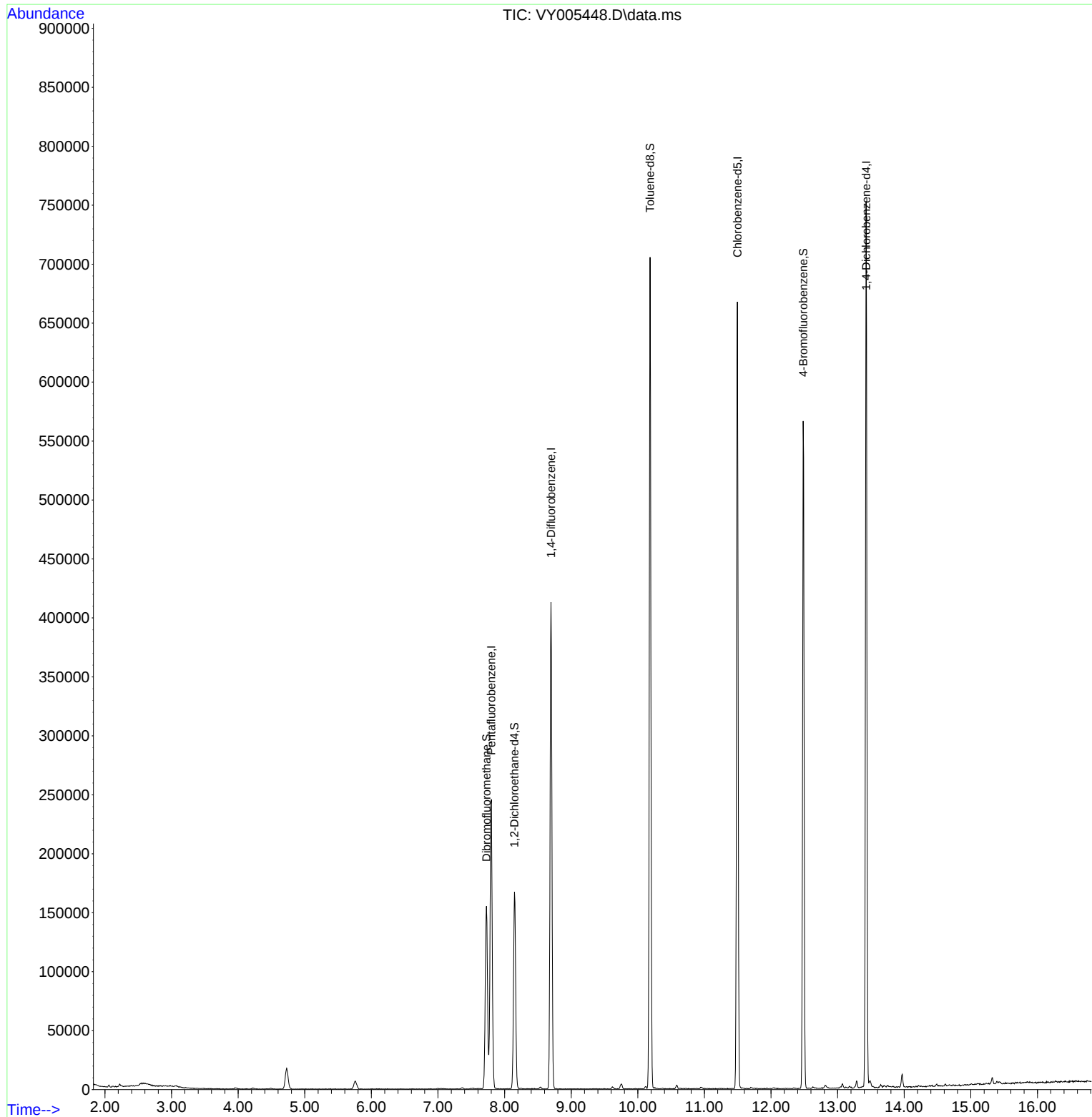
Target Compounds	Qvalue

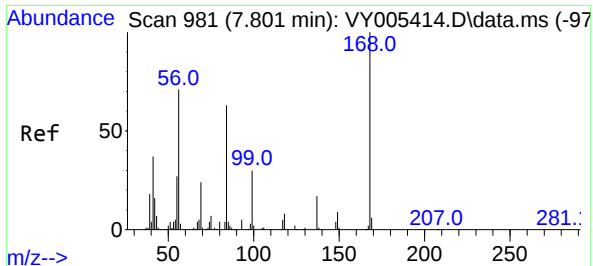
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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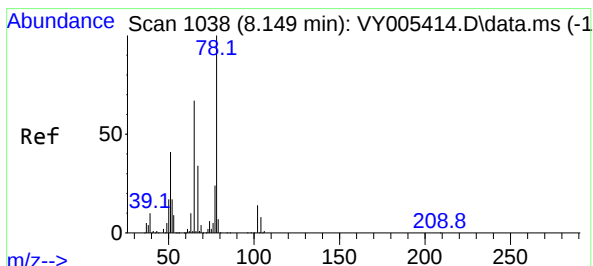
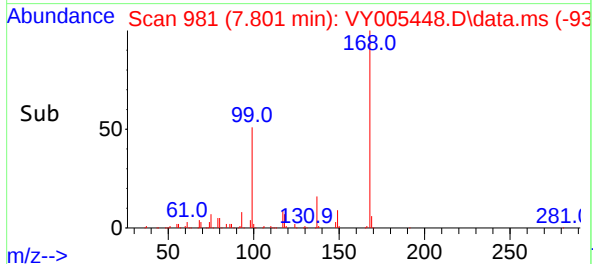
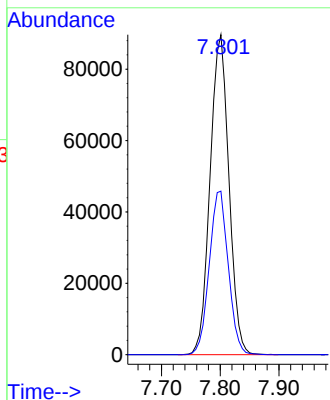
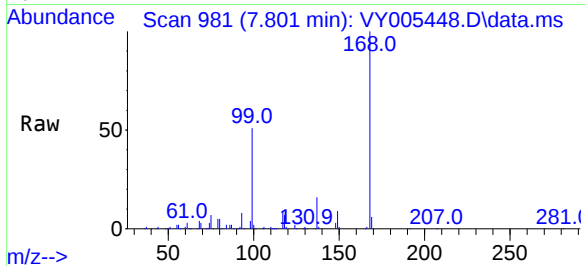




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

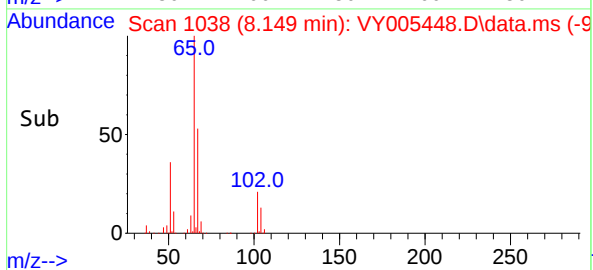
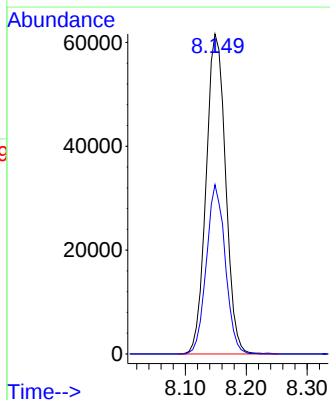
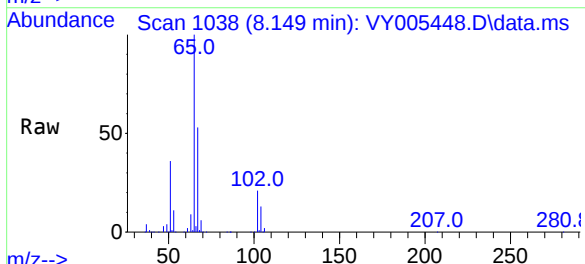
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

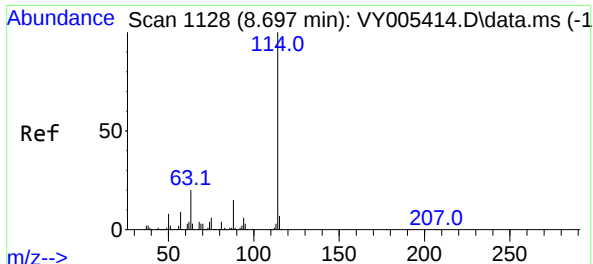
Tgt Ion:168 Resp: 199589
Ion Ratio Lower Upper
168 100
99 51.1 39.8 59.6



#33
1,2-Dichloroethane-d4
Concen: 64.226 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

Tgt Ion: 65 Resp: 136948
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.2



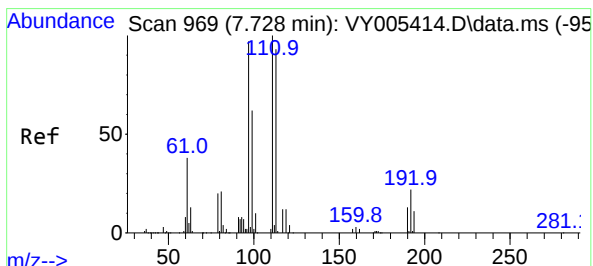
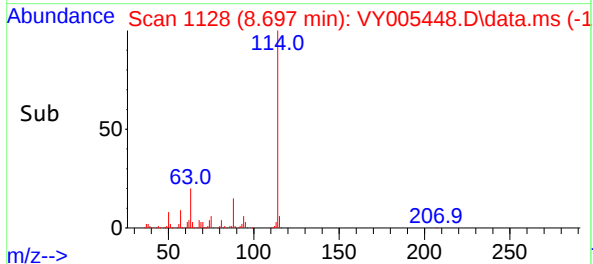
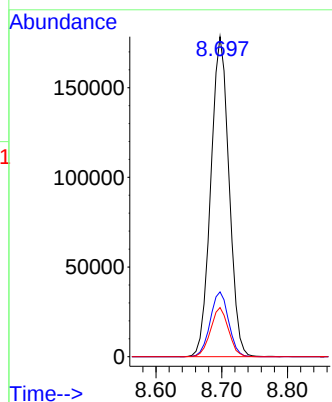
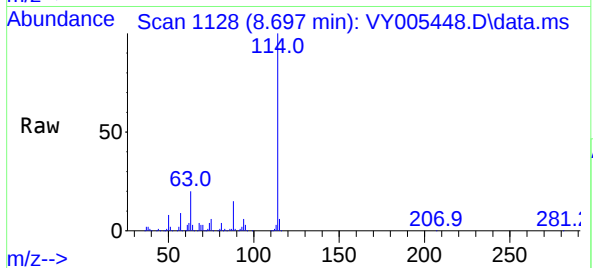


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:114 Resp: 343233

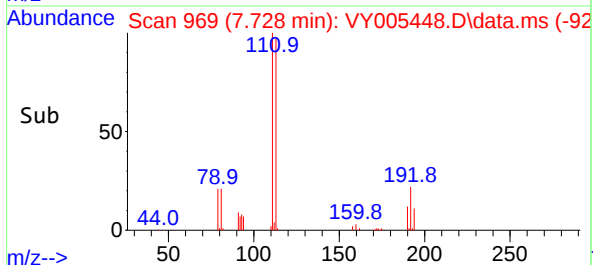
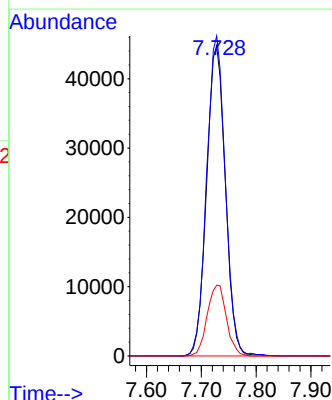
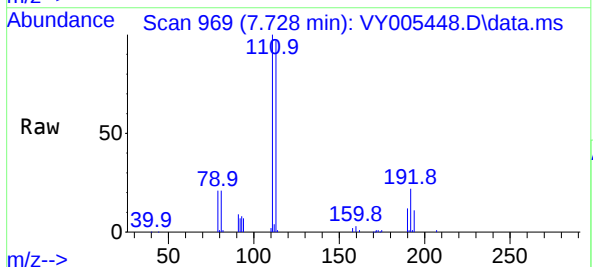
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.0
88	15.4	0.0	30.8

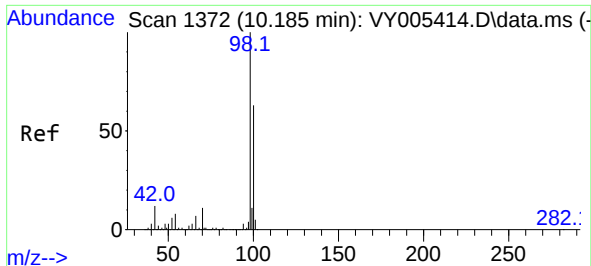


#35
Dibromofluoromethane
Concen: 53.554 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

Tgt Ion:113 Resp: 106136

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	23.3	18.9	28.3

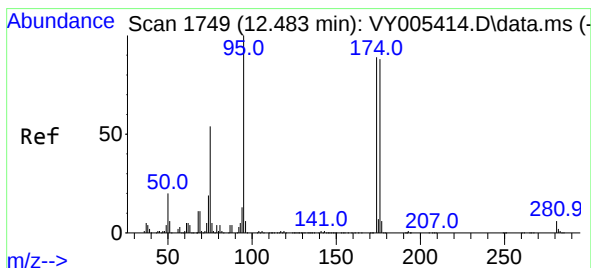
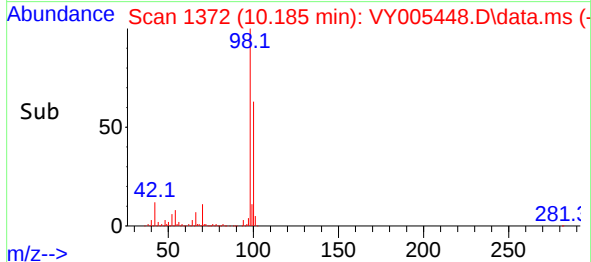
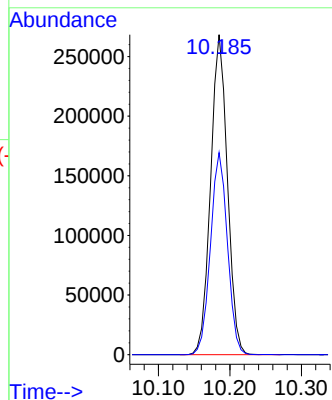
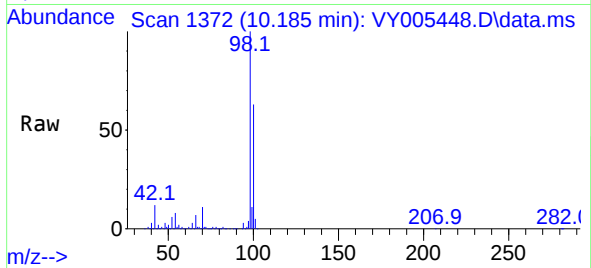




#50
Toluene-d8
Concen: 52.110 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

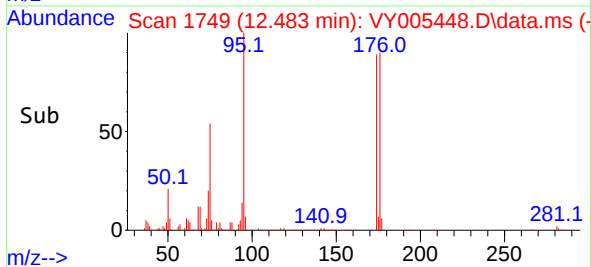
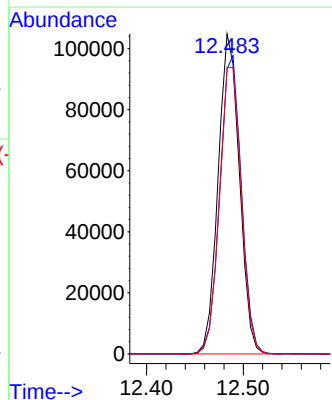
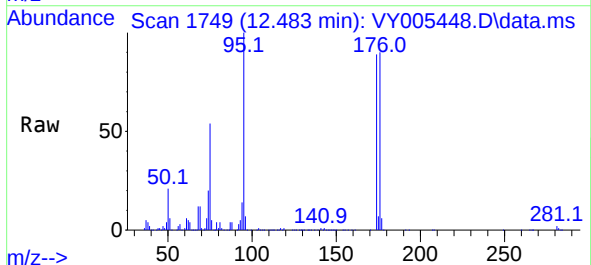
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

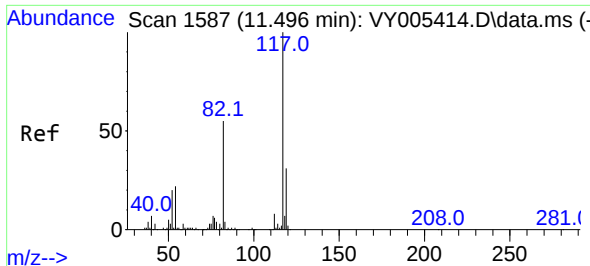
Tgt Ion: 98 Resp: 437718
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 57.661 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

Tgt Ion: 95 Resp: 159855
Ion Ratio Lower Upper
95 100
174 94.5 0.0 186.6
176 91.8 0.0 182.4

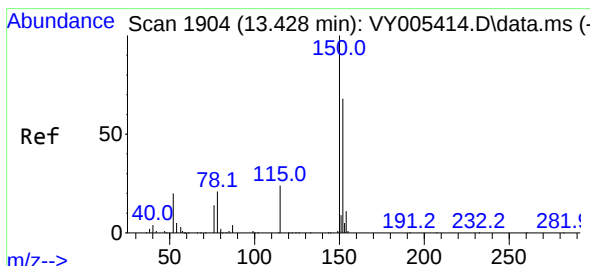
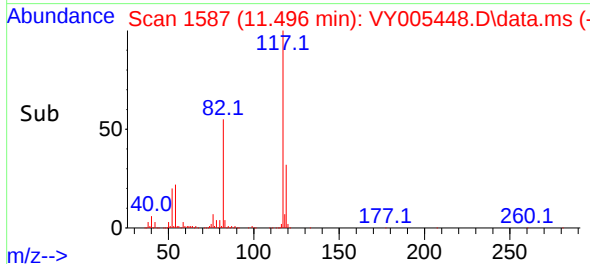
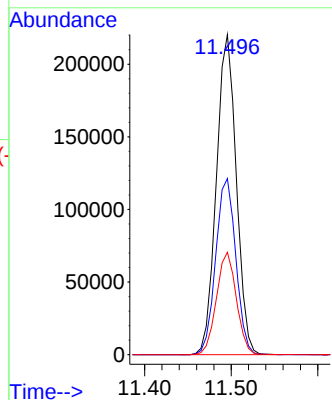
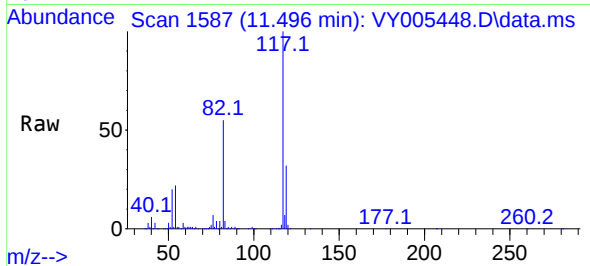




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005448.D
Acq: 26 Jul 2021 16:35

Instrument :
MSVOA_Y
ClientSampled :
COMP-1

Tgt Ion:117 Resp: 352393
Ion Ratio Lower Upper
117 100
82 55.1 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: VY005448.D
Acq: 26 Jul 2021 16:35

Tgt Ion:152 Resp: 186461
Ion Ratio Lower Upper
152 100
115 54.9 27.7 83.1
150 156.8 0.0 349.6

