

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005444.D
 Acq On : 26 Jul 2021 15:02
 Operator : SY/MD
 Sample : M3138-01
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VB16085

Quant Time: Jul 27 03:10:02 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	202186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	338974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	333564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159481	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130167	60.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.520%
35) Dibromofluoromethane	7.728	113	102864	52.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.100%
50) Toluene-d8	10.185	98	430343	51.876	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.483	95	146023	53.333	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.660%

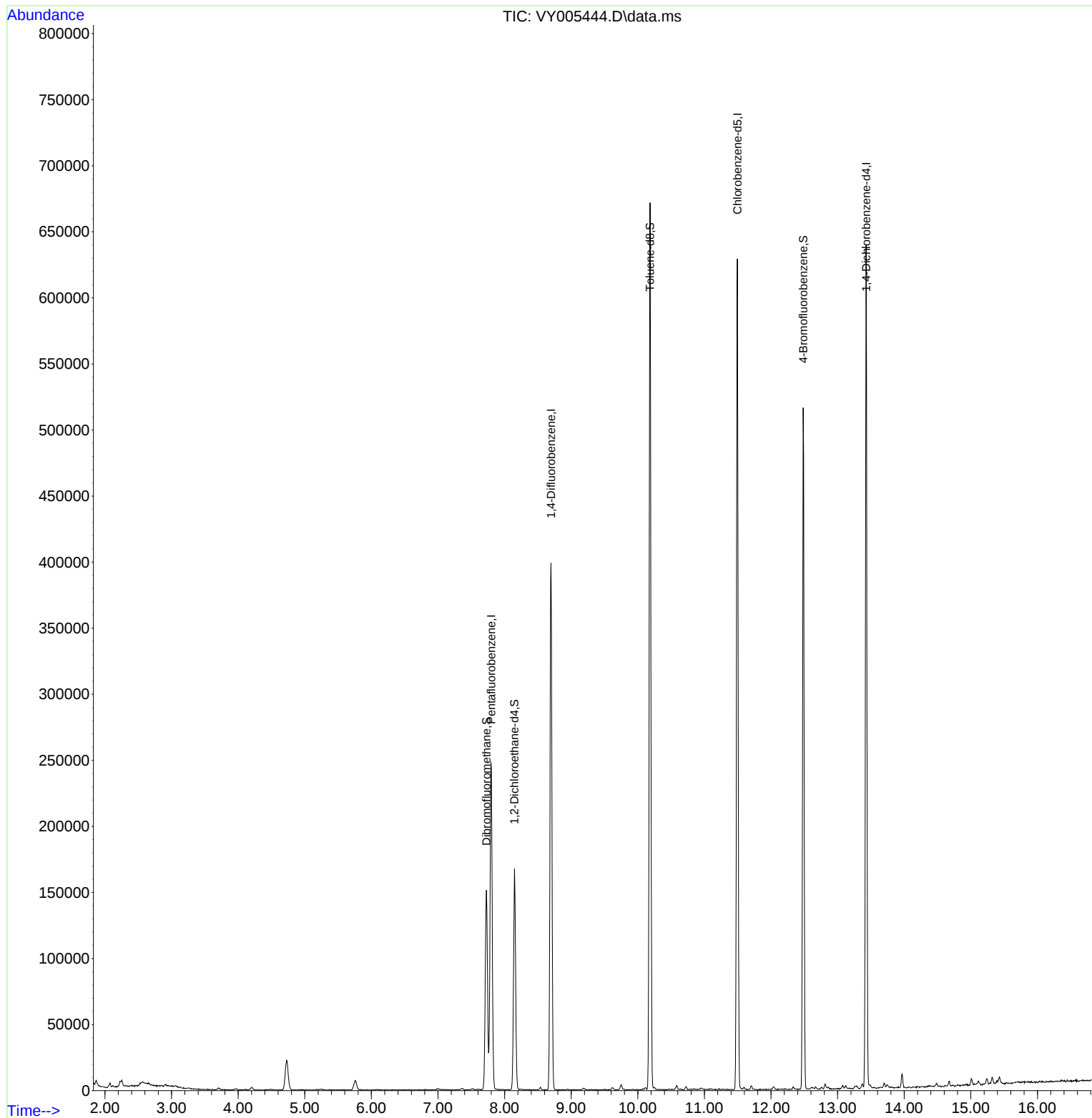
Target Compounds	Qvalue

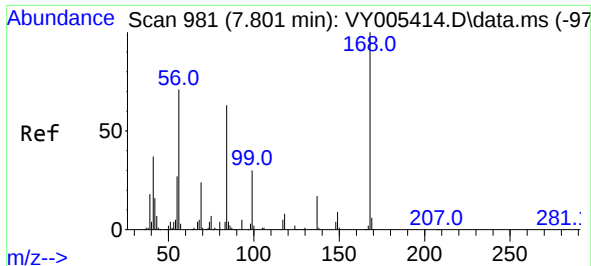
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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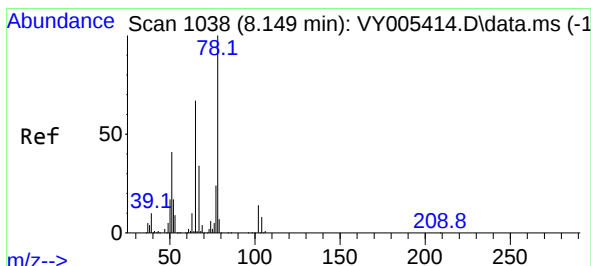
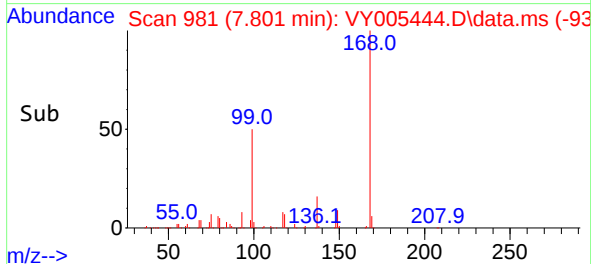
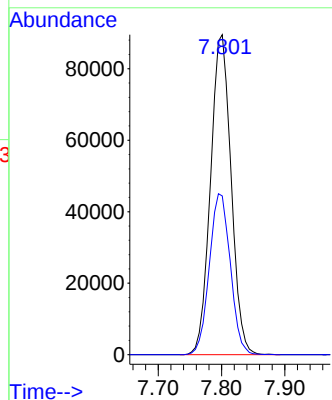
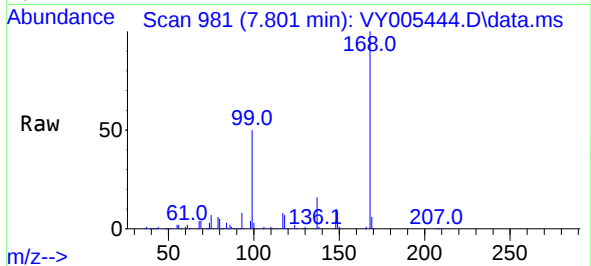




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

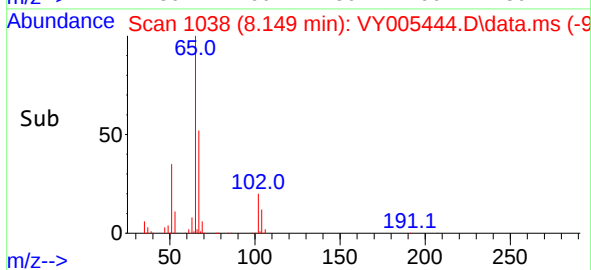
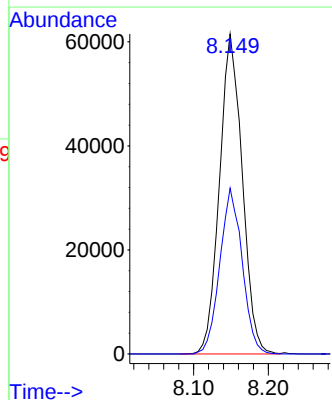
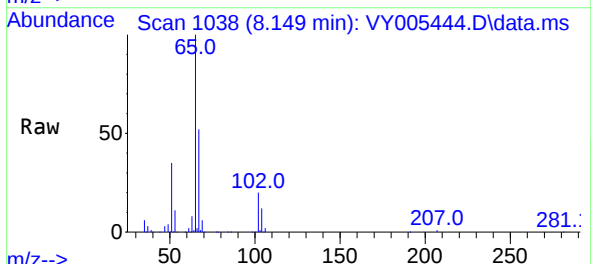
Instrument :
MSVOA_Y
ClientSampleId :
VB16085

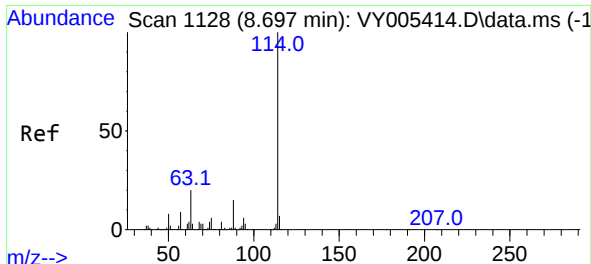
Tgt Ion:168 Resp: 202186
Ion Ratio Lower Upper
168 100
99 49.6 39.8 59.6



#33
1,2-Dichloroethane-d4
Concen: 60.262 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

Tgt Ion: 65 Resp: 130167
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.2



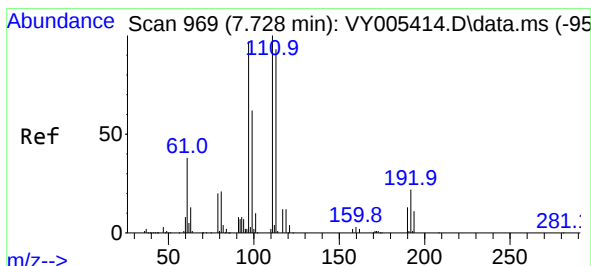
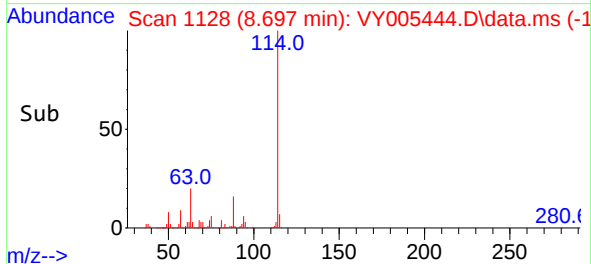
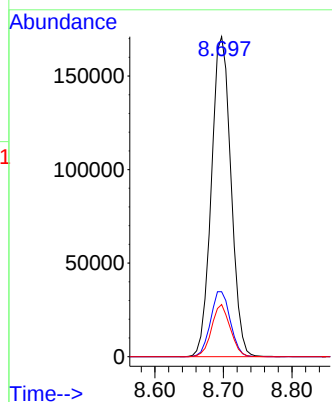
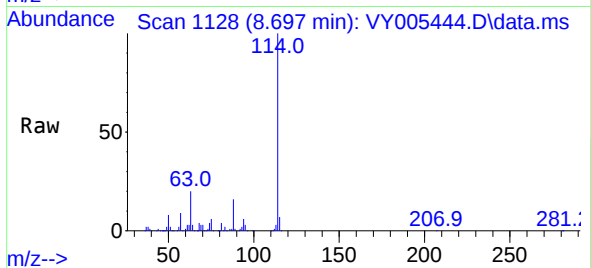


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VB16085

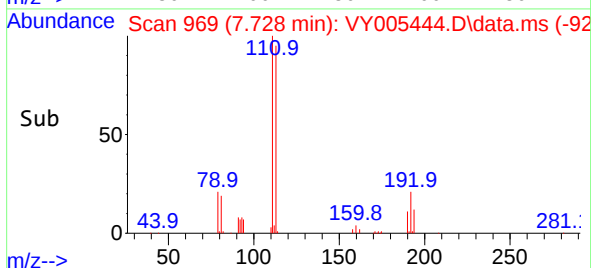
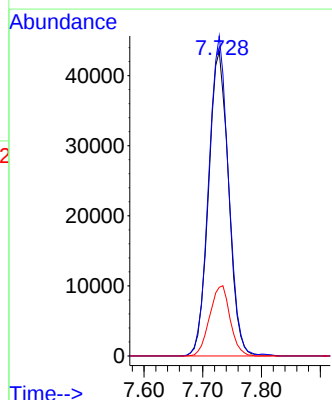
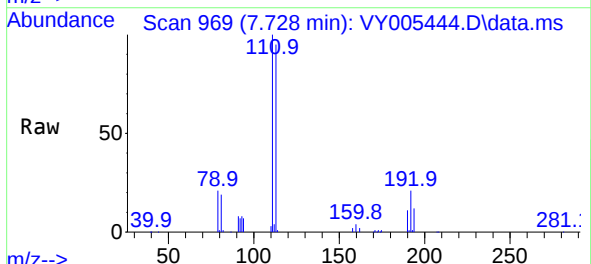
Tgt Ion:114 Resp: 338974
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.0
88 16.3 0.0 30.8

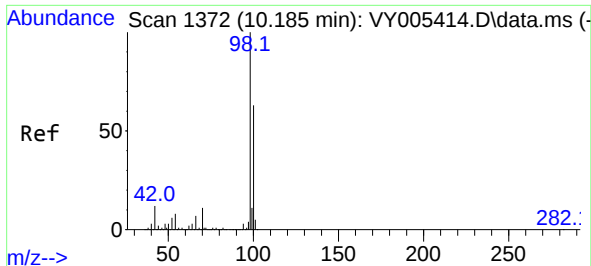


#35

Dibromofluoromethane
Concen: 52.555 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

Tgt Ion:113 Resp: 102864
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 23.5 18.9 28.3

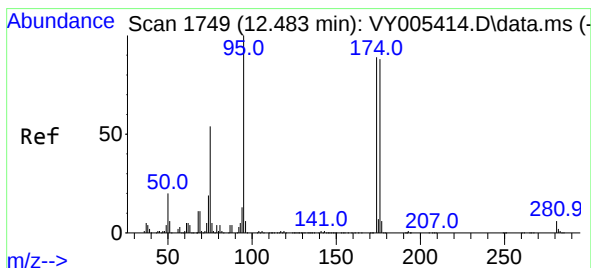
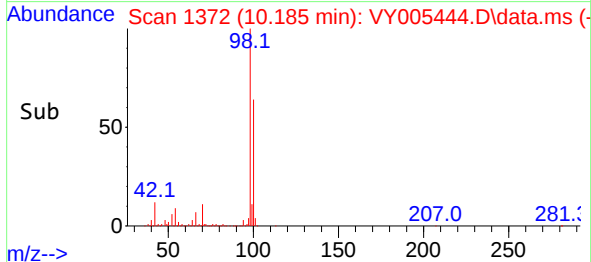
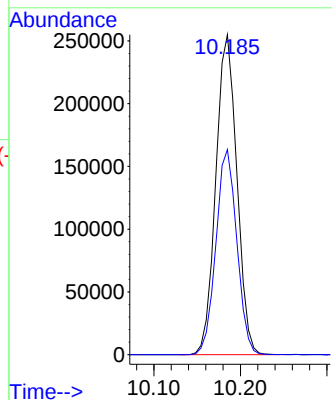
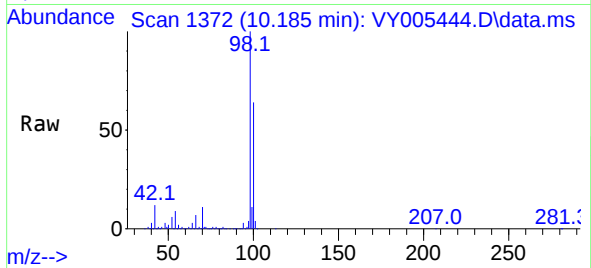




#50
Toluene-d8
Concen: 51.876 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

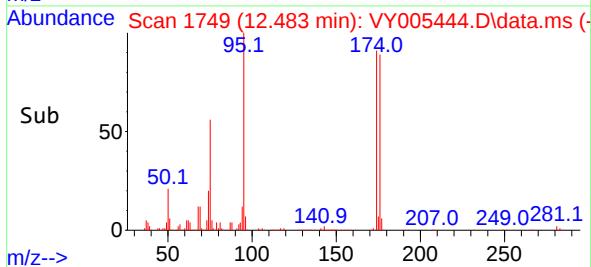
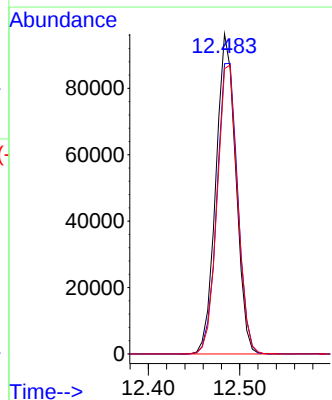
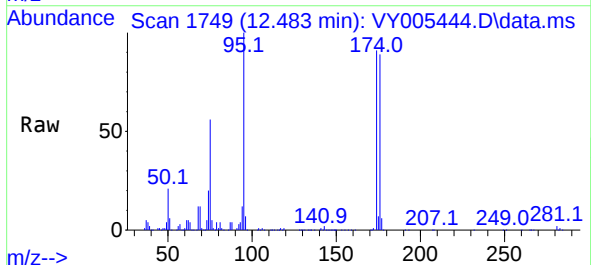
Instrument :
MSVOA_Y
ClientSampleId :
VB16085

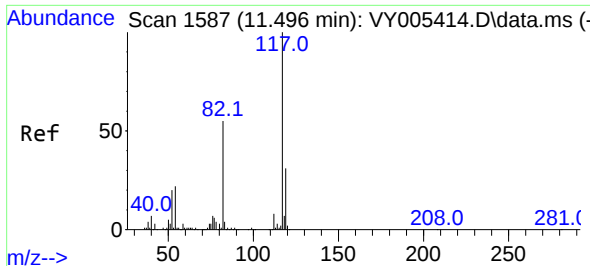
Tgt Ion: 98 Resp: 430343
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 53.333 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

Tgt Ion: 95 Resp: 146023
Ion Ratio Lower Upper
95 100
174 94.3 0.0 186.6
176 92.2 0.0 182.4

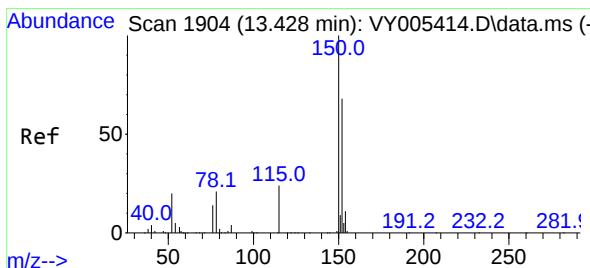
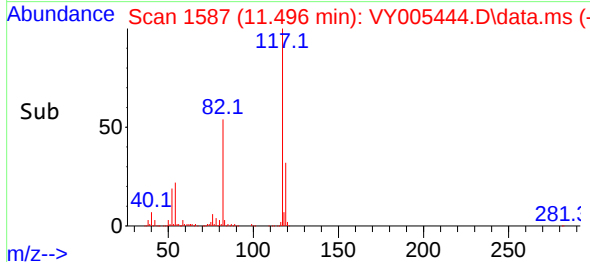
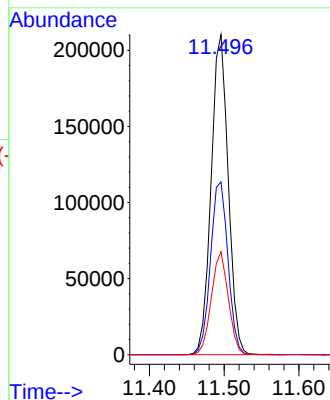
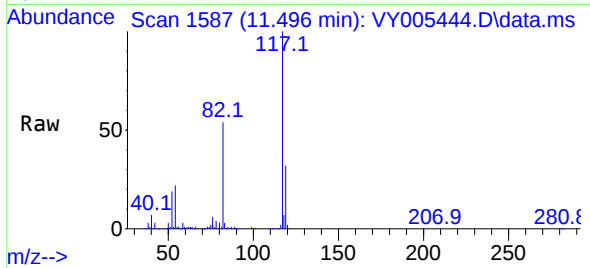




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005444.D
Acq: 26 Jul 2021 15:02

Instrument :
MSVOA_Y
ClientSampleId :
VB16085

Tgt Ion:117 Resp: 333564
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.6
119 32.2 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: VY005444.D
Acq: 26 Jul 2021 15:02

Tgt Ion:152 Resp: 159481
Ion Ratio Lower Upper
152 100
115 54.4 27.7 83.1
150 156.6 0.0 349.6

