

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005675.D
 Acq On : 16 Aug 2021 17:04
 Operator : SY/MD
 Sample : M3431-06
 Misc : 6.25G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6

Quant Time: Aug 17 05:20:13 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	180041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	309109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	304775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141214	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117580	64.517	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.040%
35) Dibromofluoromethane	7.728	113	93152	53.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.660%
50) Toluene-d8	10.185	98	392576	54.088	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.180%
62) 4-Bromofluorobenzene	12.483	95	131057	54.527	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.060%

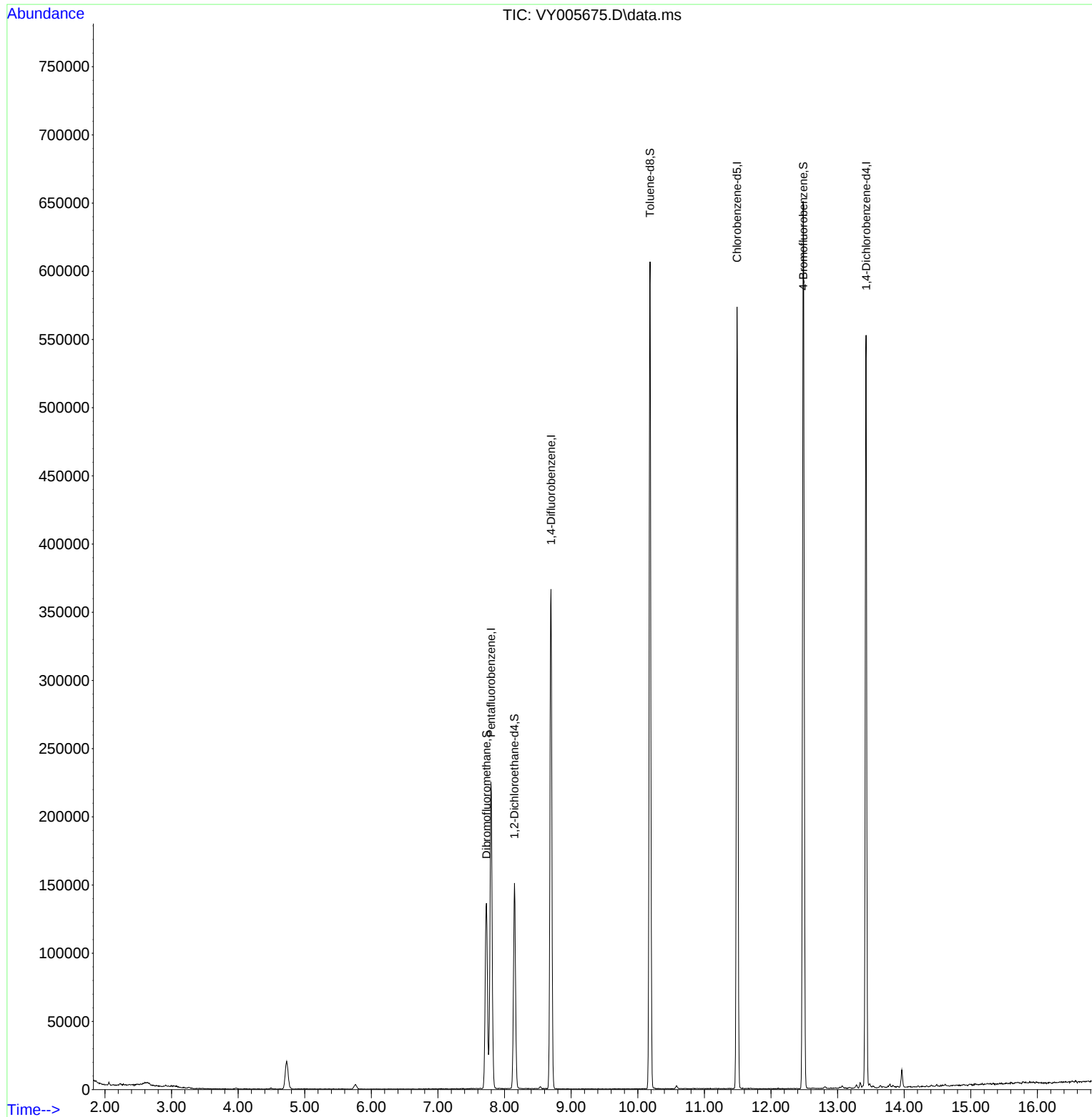
Target Compounds	Qvalue

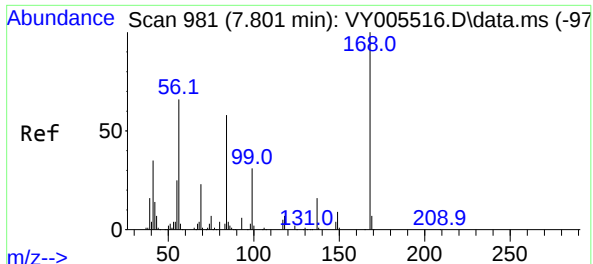
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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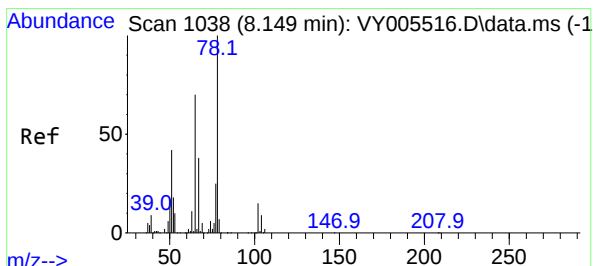
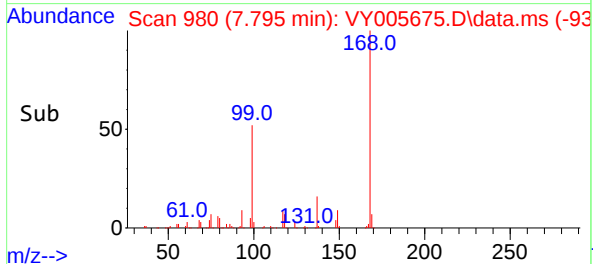
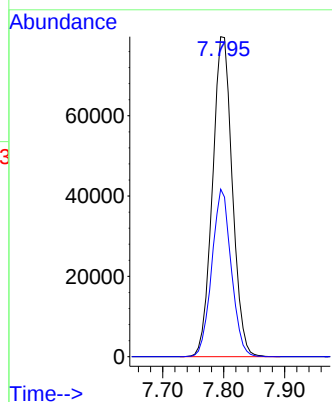
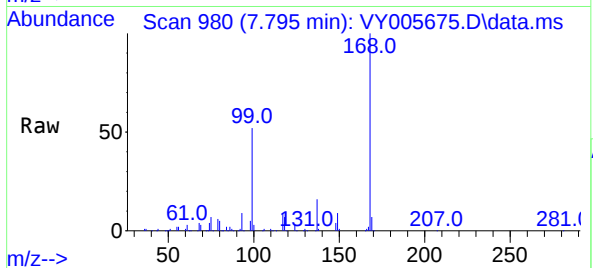




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

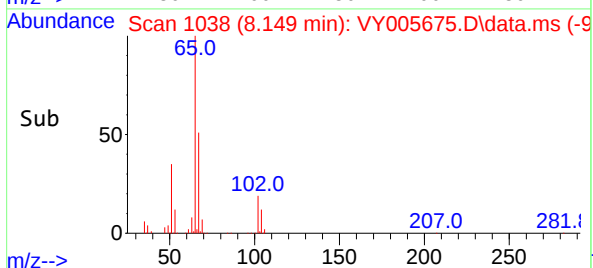
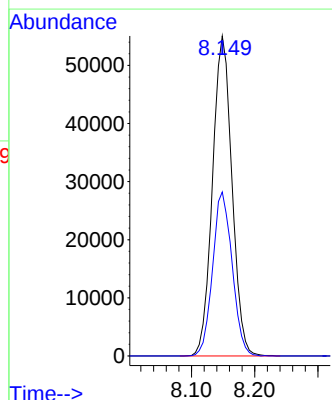
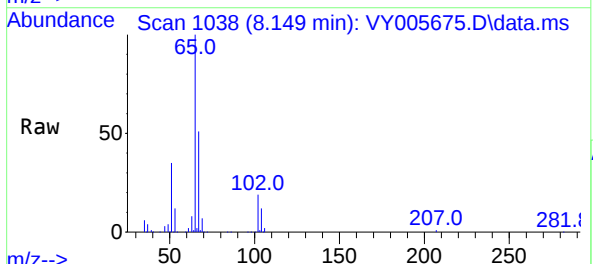
Instrument :
MSVOA_Y
ClientSampleId :
6

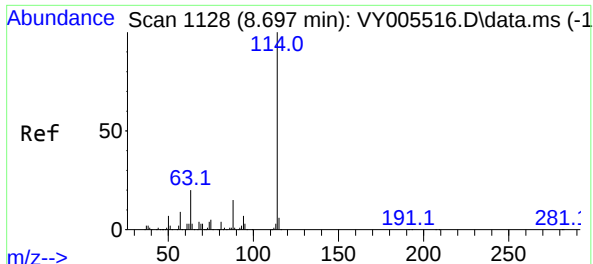
Tgt Ion:168 Resp: 180041
Ion Ratio Lower Upper
168 100
99 52.4 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 64.517 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

Tgt Ion: 65 Resp: 117580
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

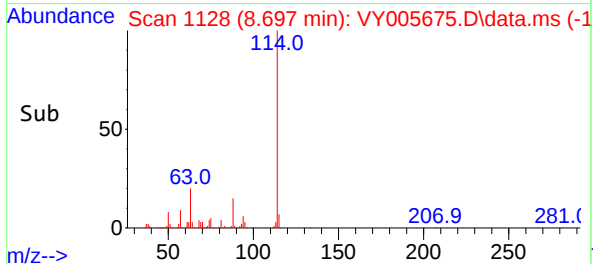
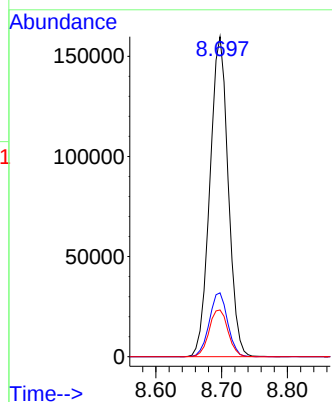
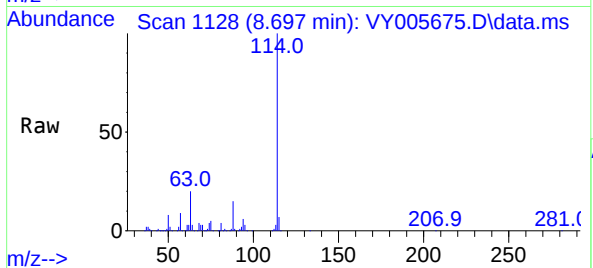




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

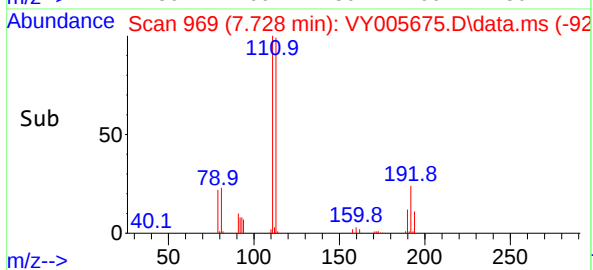
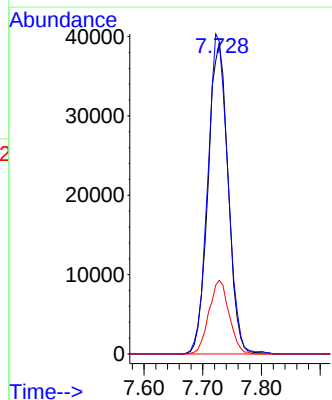
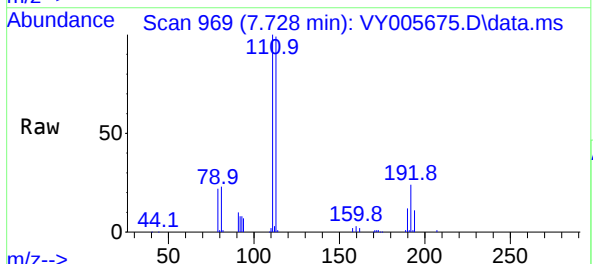
Instrument :
MSVOA_Y
ClientSampleId :
6

Tgt Ion:114 Resp: 309109
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.2
88 14.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.826 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

Tgt Ion:113 Resp: 93152
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 23.7 19.2 28.8

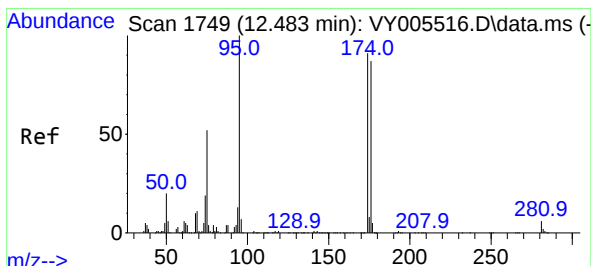
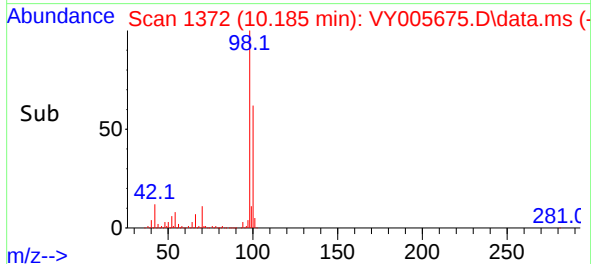
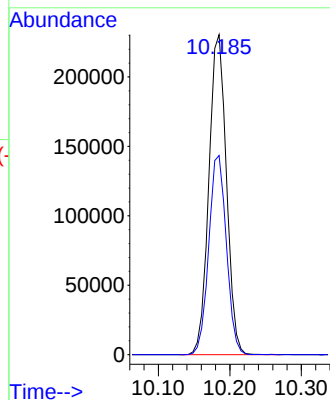
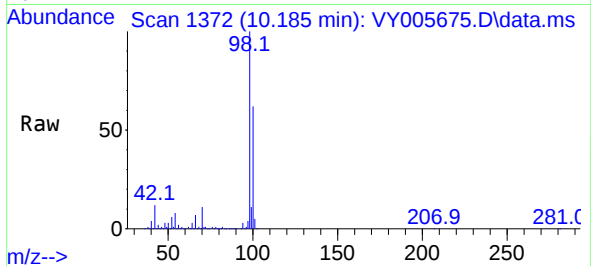




#50
Toluene-d8
Concen: 54.088 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

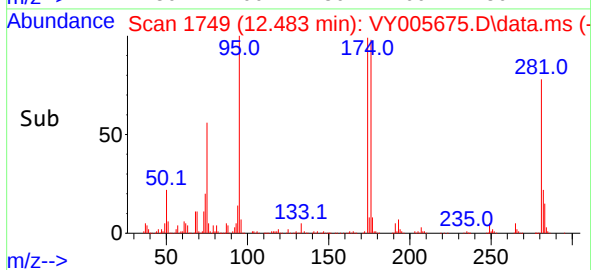
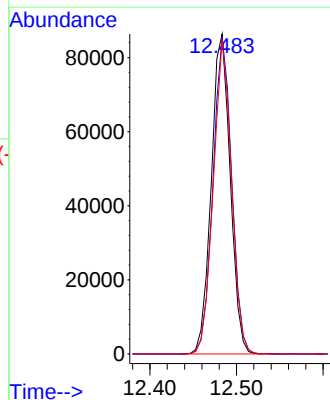
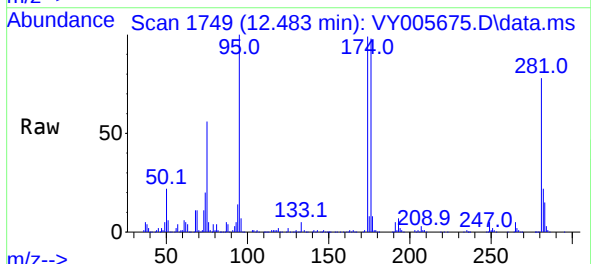
Instrument :
MSVOA_Y
ClientSampled :
6

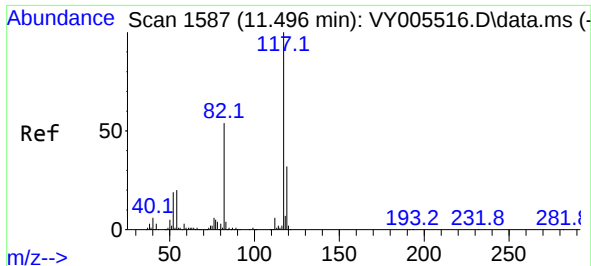
Tgt Ion: 98 Resp: 392576
Ion Ratio Lower Upper
98 100
100 62.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 54.527 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

Tgt Ion: 95 Resp: 131057
Ion Ratio Lower Upper
95 100
174 97.6 0.0 191.4
176 94.4 0.0 183.6

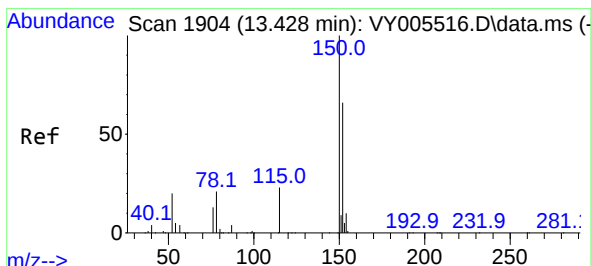
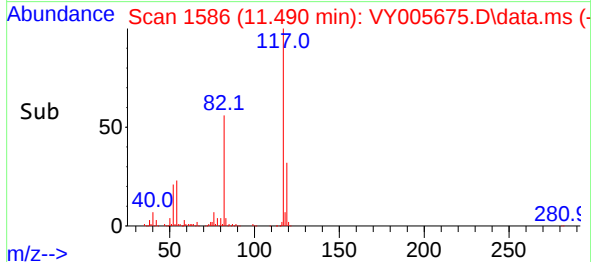
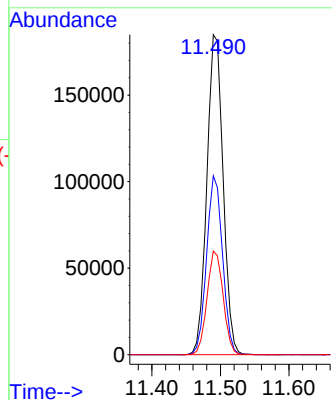
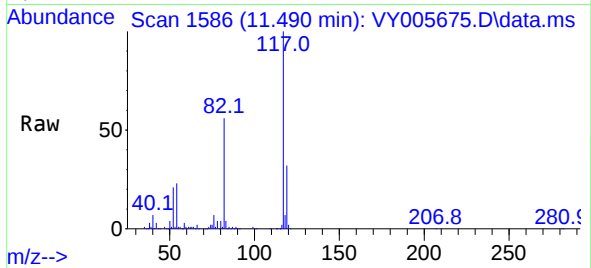




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005675.D
Acq: 16 Aug 2021 17:04

Instrument :
MSVOA_Y
ClientSampleId :
6

Tgt Ion:117 Resp: 304775
Ion Ratio Lower Upper
117 100
82 55.9 43.5 65.3
119 32.4 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: VY005675.D
Acq: 16 Aug 2021 17:04

Tgt Ion:152 Resp: 141214
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 156.8 0.0 350.2

