

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005674.D
 Acq On : 16 Aug 2021 16:41
 Operator : SY/MD
 Sample : M3431-05
 Misc : 6.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5

Quant Time: Aug 17 05:20:03 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	138616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	223724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106821	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84093	59.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.860%
35) Dibromofluoromethane	7.728	113	67388	52.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.180%
50) Toluene-d8	10.185	98	289805	53.922	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.840%
62) 4-Bromofluorobenzene	12.483	95	95999	53.939	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.880%

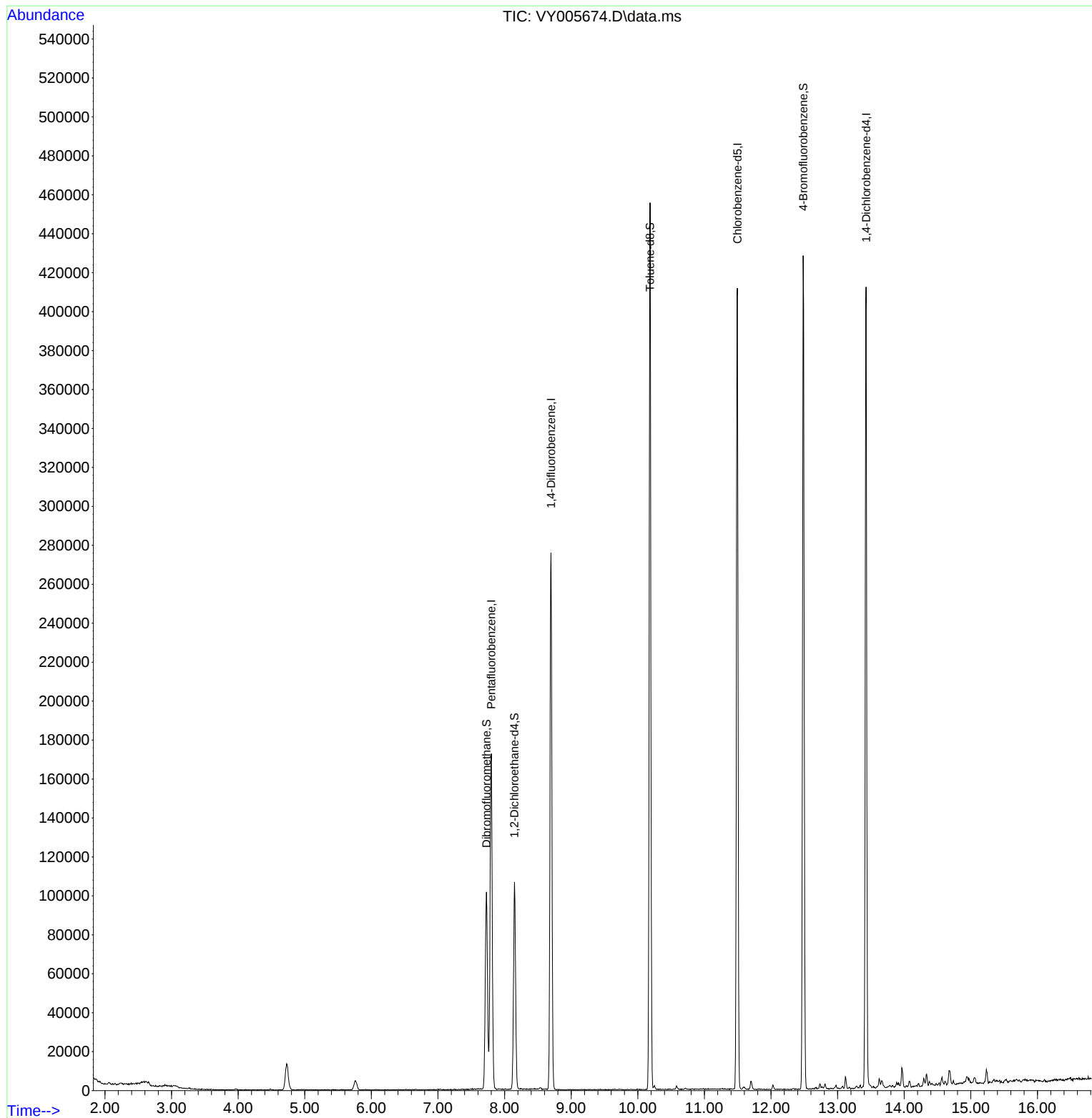
Target Compounds	Qvalue

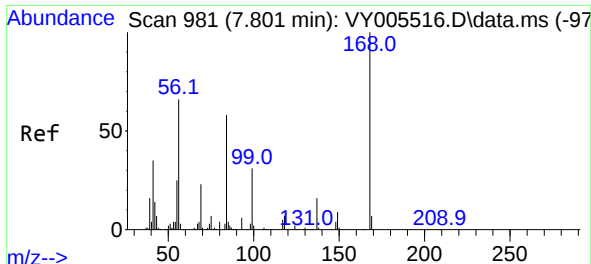
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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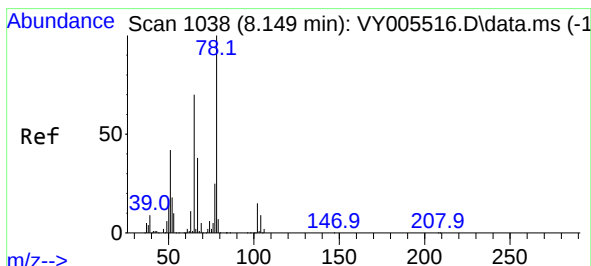
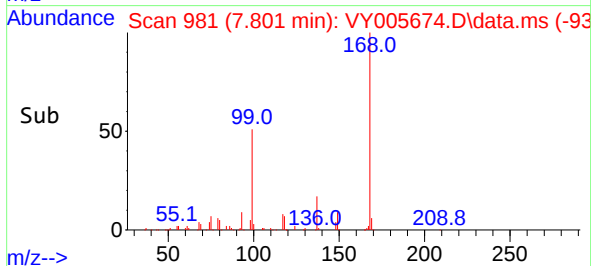
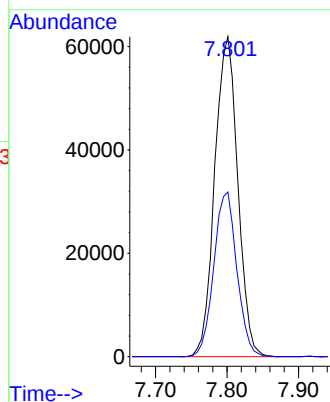
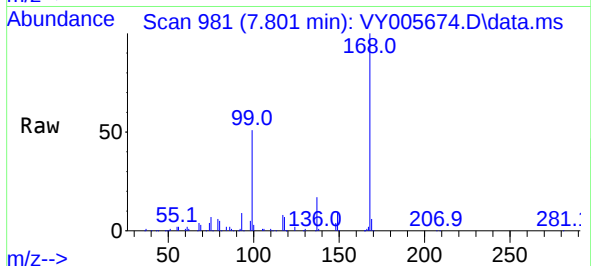




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

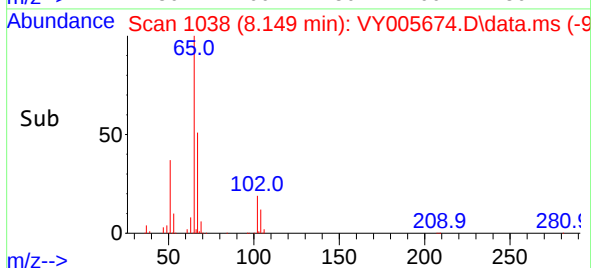
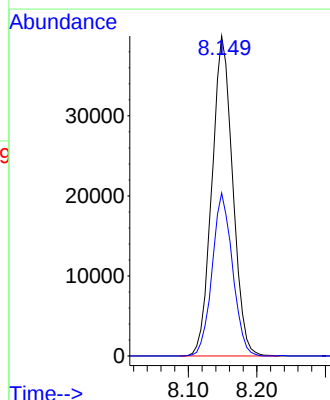
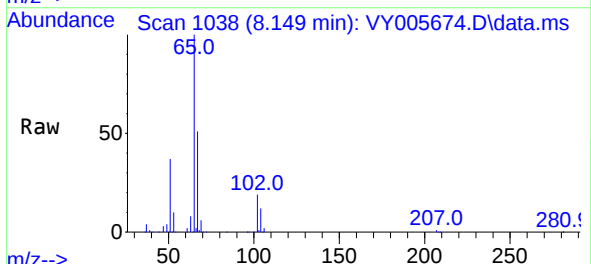
Instrument :
MSVOA_Y
ClientSampleId :
5

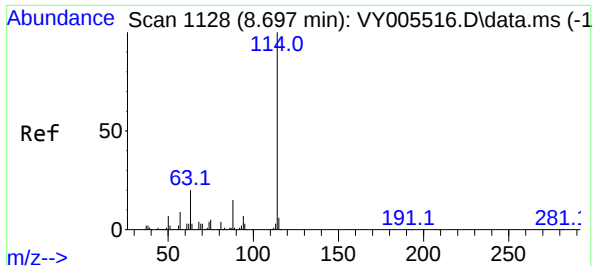
Tgt Ion:168 Resp: 138616
Ion Ratio Lower Upper
168 100
99 51.5 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 59.932 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

Tgt Ion: 65 Resp: 84093
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.4

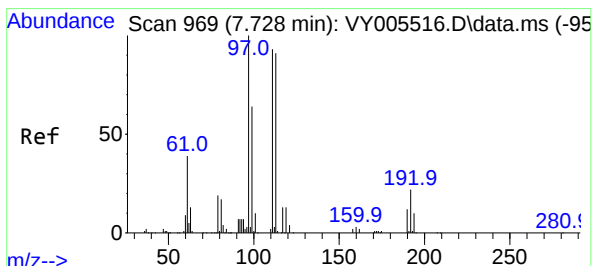
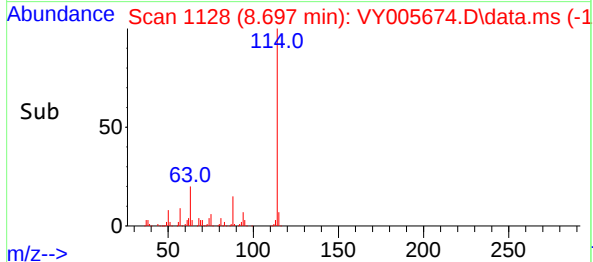
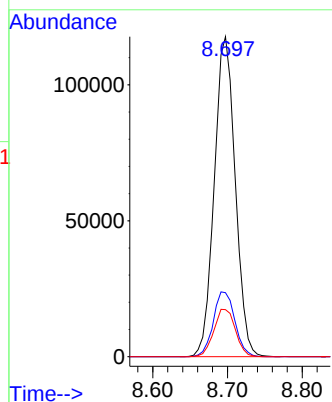
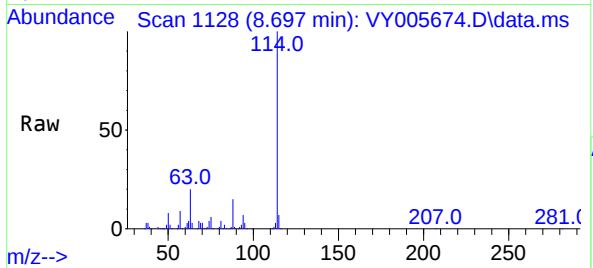




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

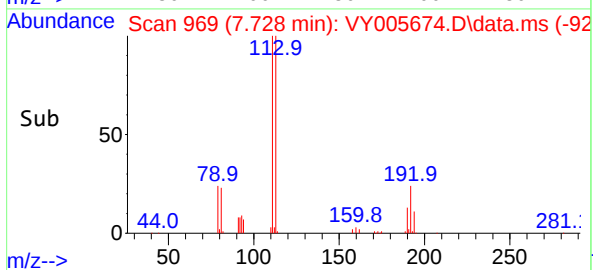
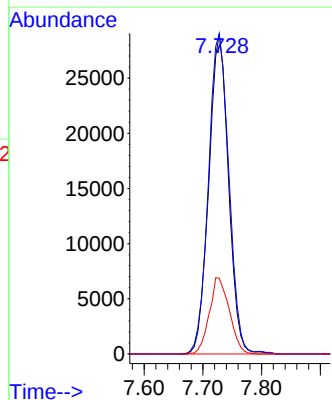
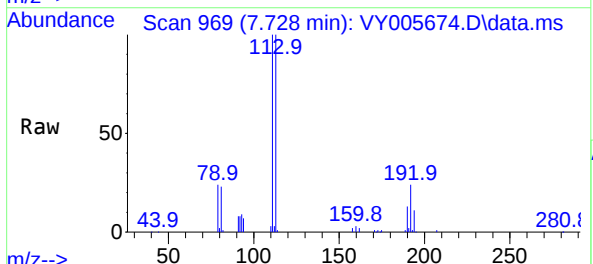
Instrument :
MSVOA_Y
ClientSampled :
5

Tgt Ion:	114	Resp:	228890
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.2
88	14.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 52.585 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

Tgt Ion:	113	Resp:	67388
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	24.3	19.2	28.8

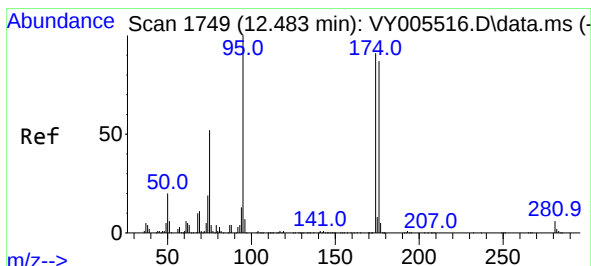
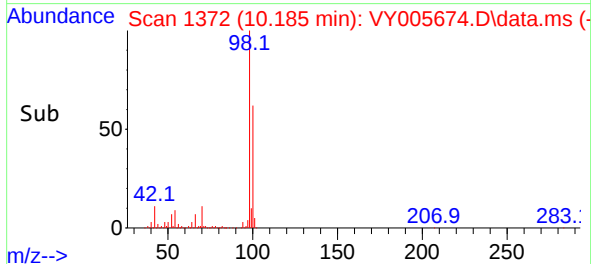
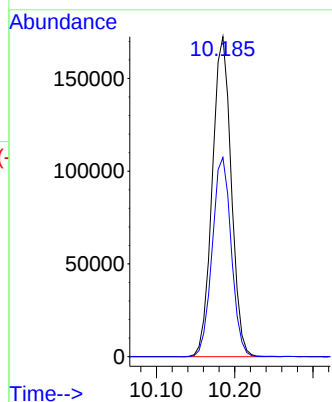
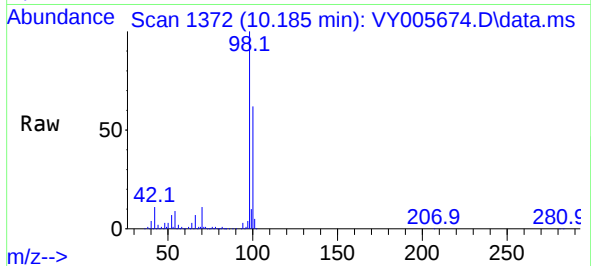




#50
Toluene-d8
Concen: 53.922 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

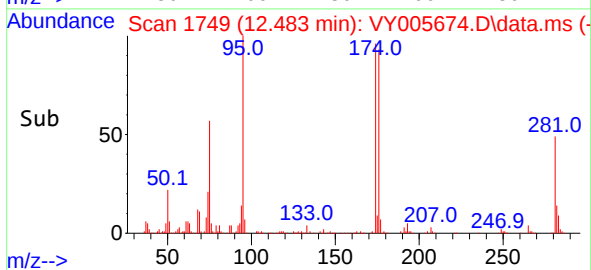
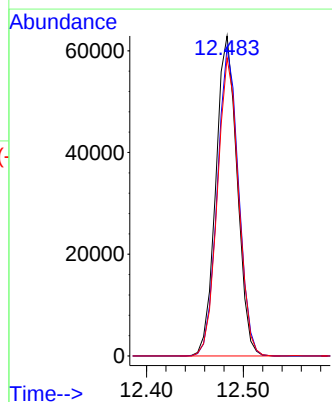
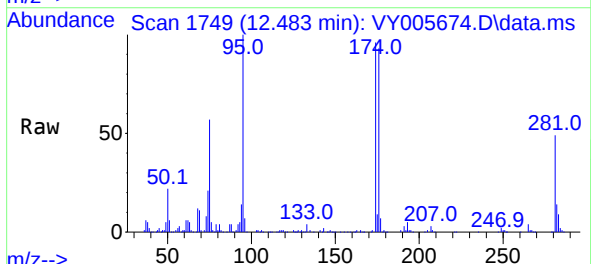
Instrument :
MSVOA_Y
ClientSampled :
5

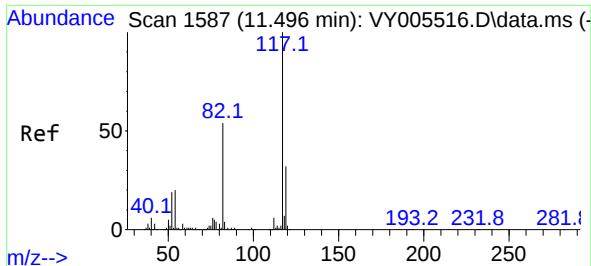
Tgt Ion: 98 Resp: 289805
Ion Ratio Lower Upper
98 100
100 62.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 53.939 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

Tgt Ion: 95 Resp: 95999
Ion Ratio Lower Upper
95 100
174 95.9 0.0 191.4
176 92.5 0.0 183.6

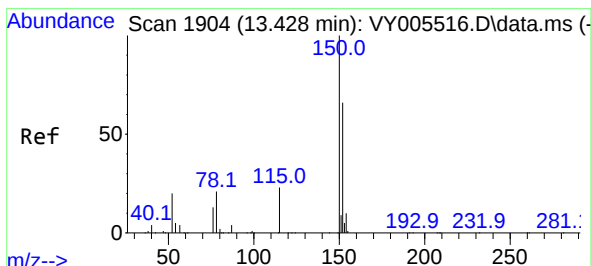
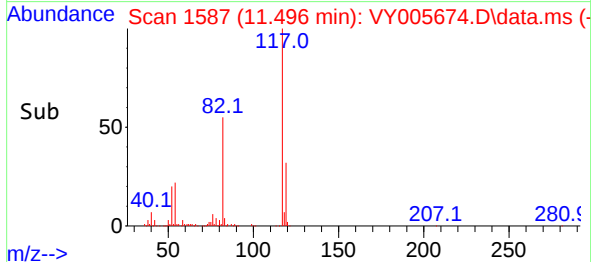
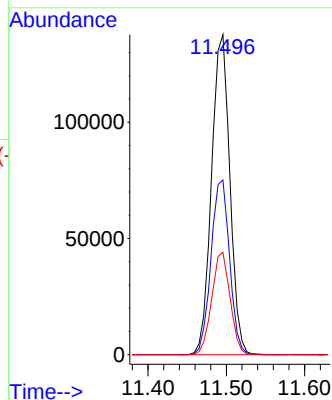
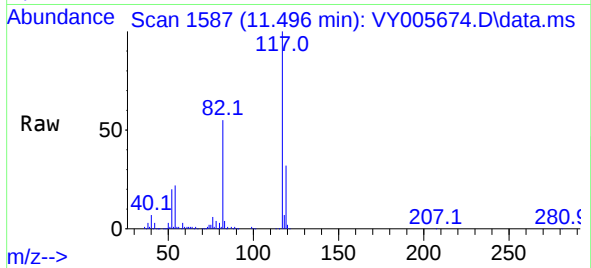




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

Instrument :
MSVOA_Y
ClientSampleId :
5

Tgt Ion:117 Resp: 223724
Ion Ratio Lower Upper
117 100
82 54.6 43.5 65.3
119 32.0 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: VY005674.D
Acq: 16 Aug 2021 16:41

Tgt Ion:152 Resp: 106821
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.9
150 156.9 0.0 350.2

