

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
 Data File : VY004657.D
 Acq On : 29 Apr 2021 14:29
 Operator : SY/MD
 Sample : M2199-02
 Misc : 5.11G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-2-GRAB

Quant Time: Apr 30 04:32:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	151910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	270690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	253441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109387	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	101256	59.99	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.98%
35) Dibromofluoromethane	7.728	113	83634	55.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.34%
50) Toluene-d8	10.185	98	332332	52.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.02%
62) 4-Bromofluorobenzene	12.483	95	109267	50.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.78%

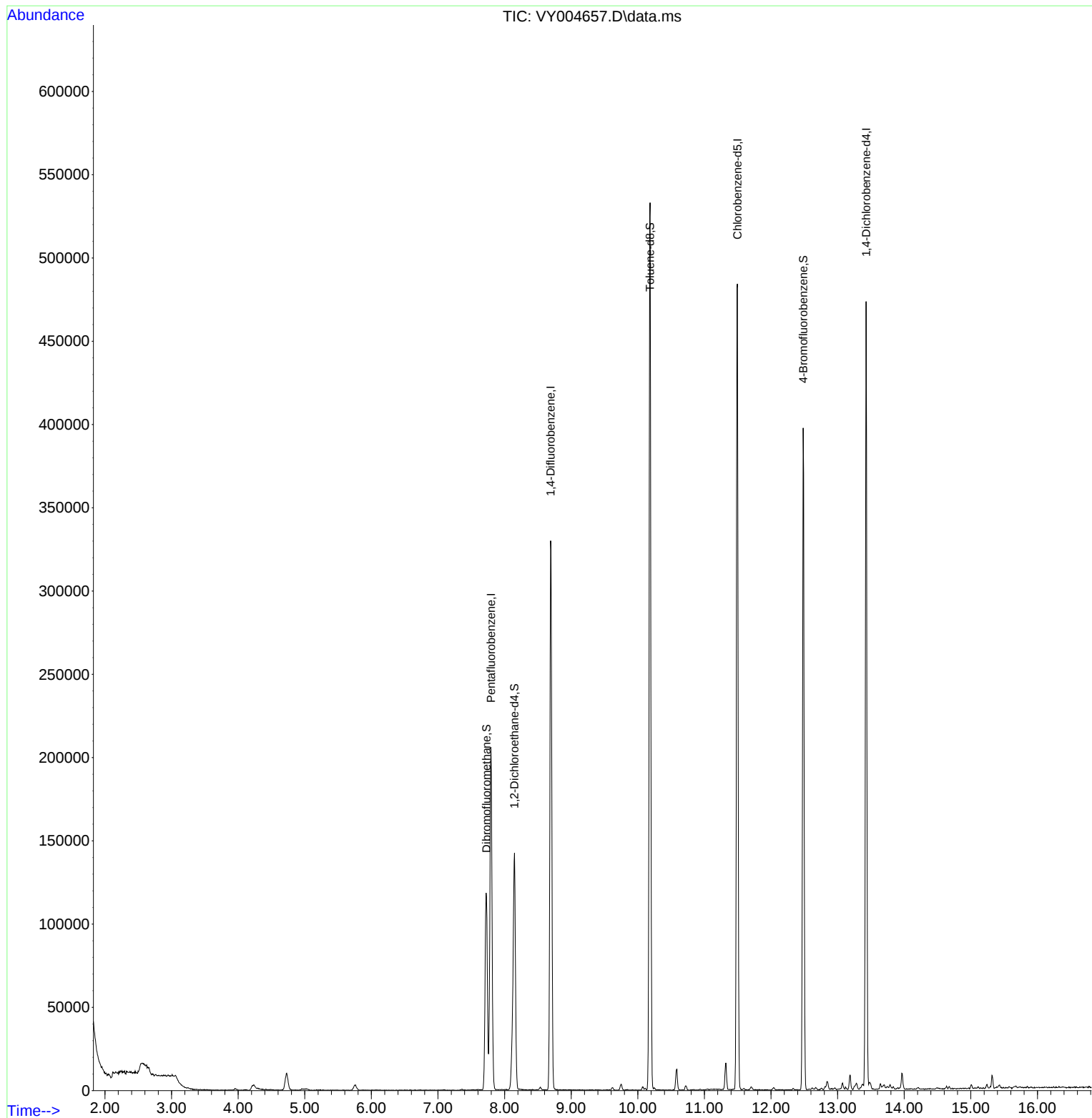
Target Compounds	Qvalue

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

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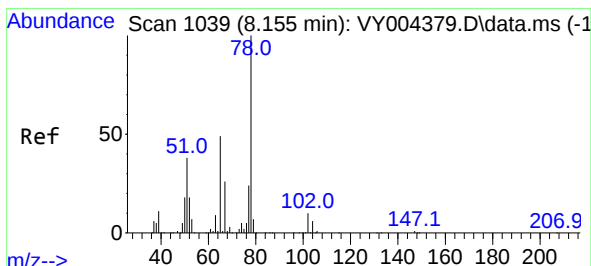
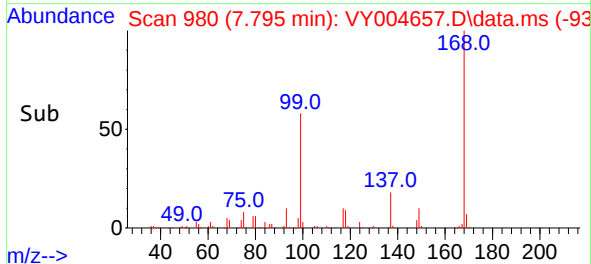
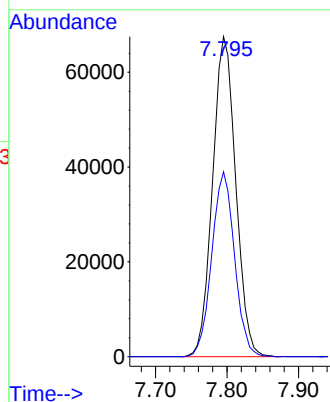
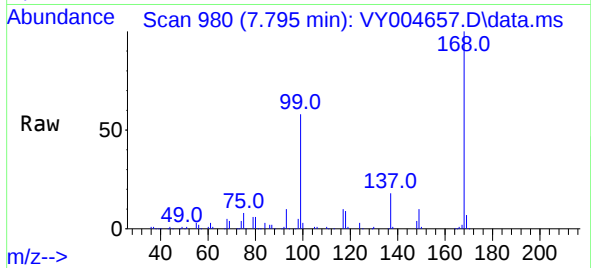




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004657.D
Acq: 29 Apr 2021 14:29

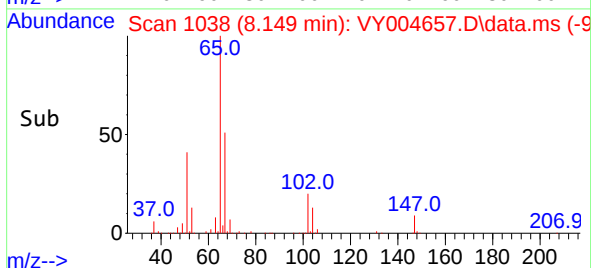
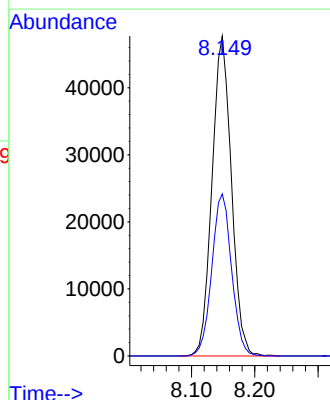
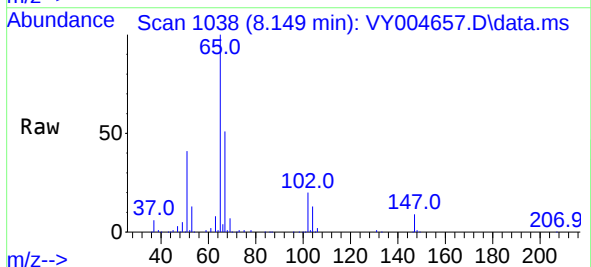
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-2-GRAB

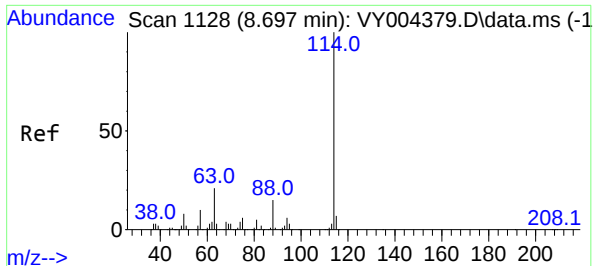
Tgt Ion:168 Resp: 151910
Ion Ratio Lower Upper
168 100
99 57.8 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 59.99 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004657.D
Acq: 29 Apr 2021 14:29

Tgt Ion: 65 Resp: 101256
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.4



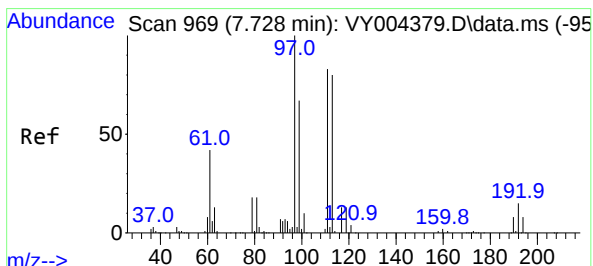
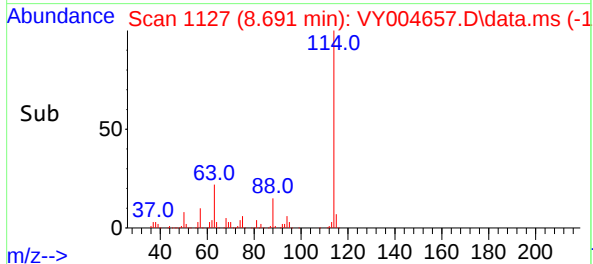
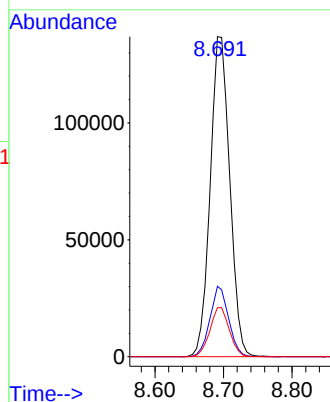
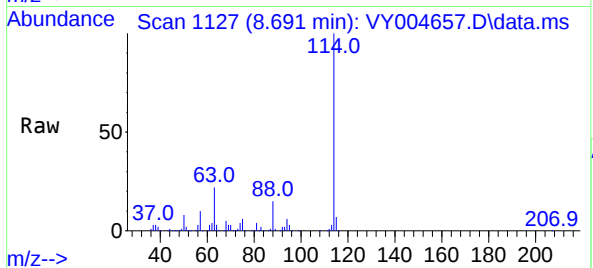


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004657.D
Acq: 29 Apr 2021 14:29

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-2-GRAB

Tgt Ion:114 Resp: 270690

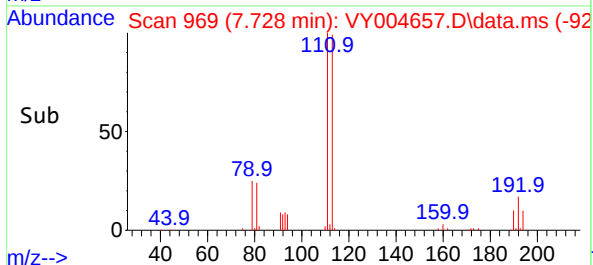
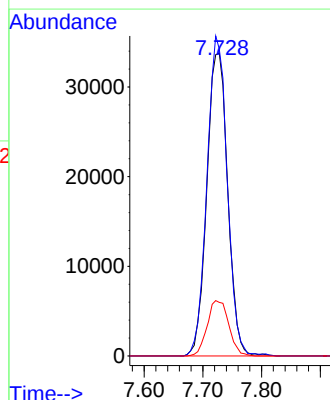
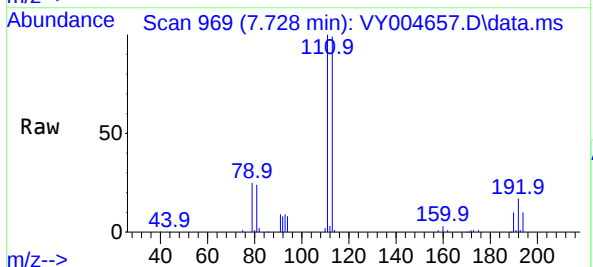
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	42.4
88	15.3	0.0	30.8

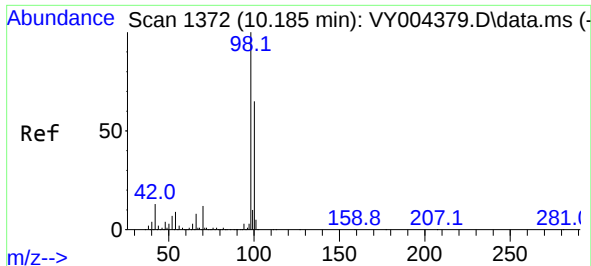


#35
Dibromofluoromethane
Concen: 55.67 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004657.D
Acq: 29 Apr 2021 14:29

Tgt Ion:113 Resp: 83634

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	18.8	16.1	24.1

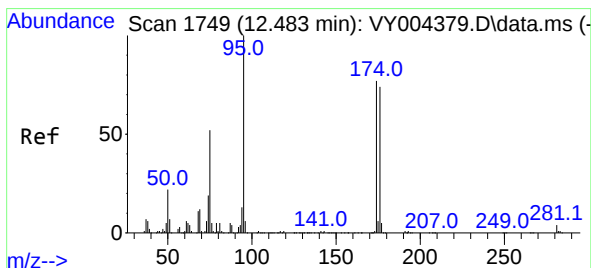
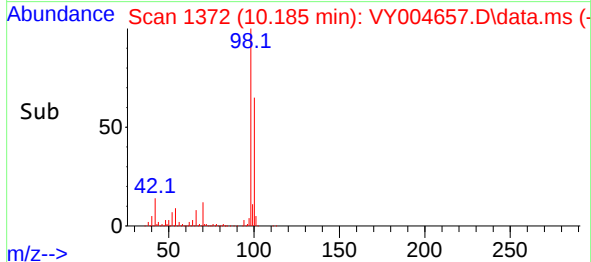
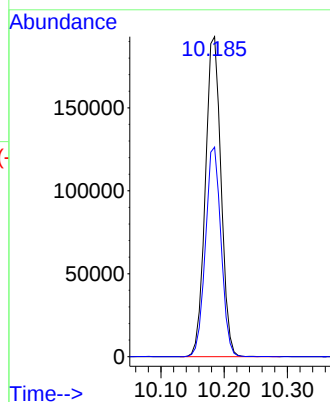
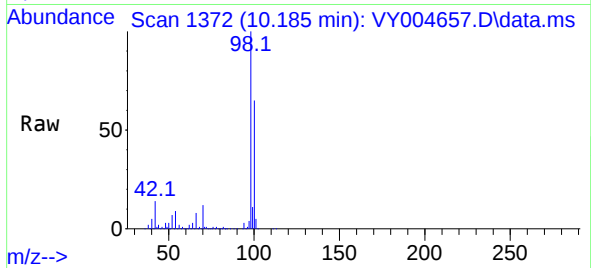




#50
Toluene-d8
Concen: 52.01 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004657.D
Acq: 29 Apr 2021 14:29

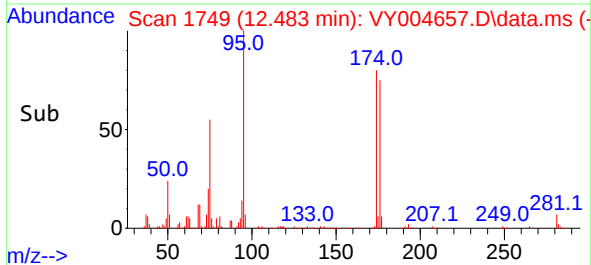
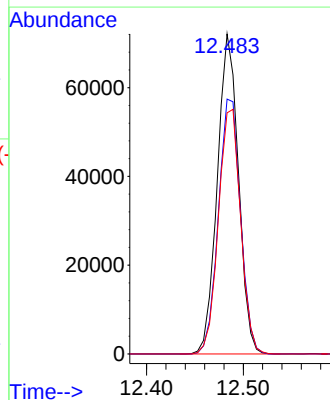
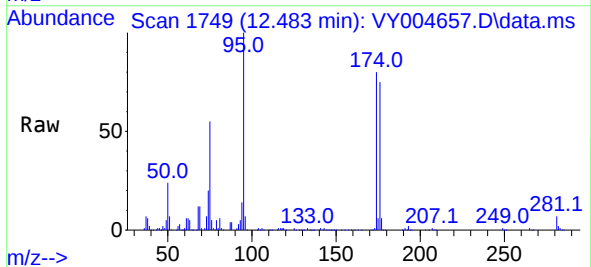
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-2-GRAB

Tgt Ion: 98 Resp: 332332
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004657.D
Acq: 29 Apr 2021 14:29

Tgt Ion: 95 Resp: 109267
Ion Ratio Lower Upper
95 100
174 83.0 0.0 162.4
176 80.2 0.0 156.0

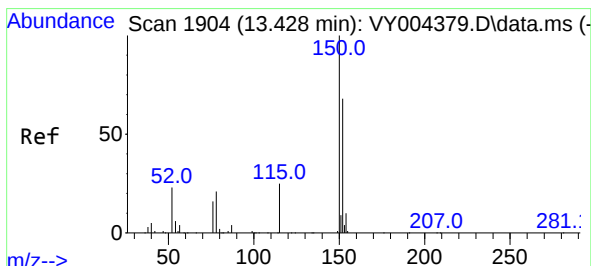
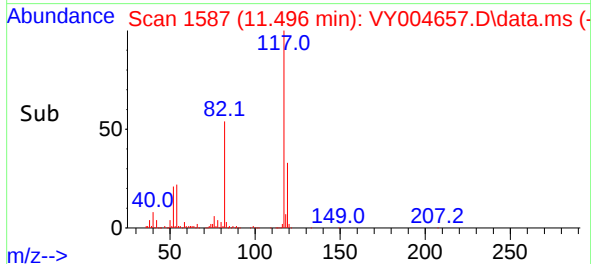
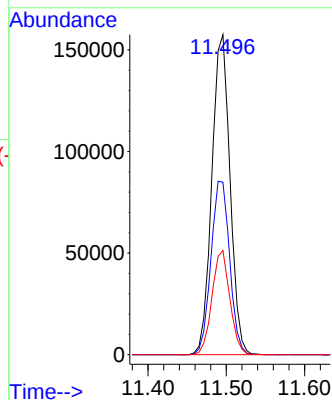
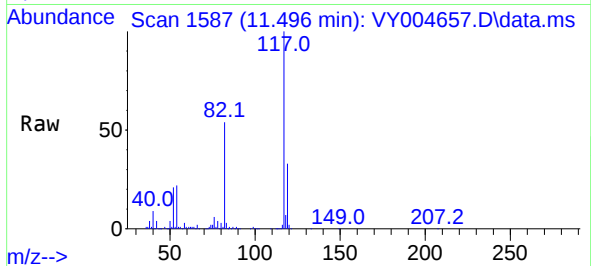




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004657.D
Acq: 29 Apr 2021 14:29

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-2-GRAB

Tgt Ion:	117	Resp:	253441
Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.9	67.3
119	32.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004657.D
Acq: 29 Apr 2021 14:29

Tgt Ion:	152	Resp:	109387
Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.6	88.8
150	157.1	0.0	348.4

