

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004537.D
 Acq On : 20 Apr 2021 18:27
 Operator : SY/MD
 Sample : M2097-02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Apr 21 08:54:25 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	125591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	214528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100941	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87257	62.53	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.06%
35) Dibromofluoromethane	7.728	113	69194	55.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.40%
50) Toluene-d8	10.185	98	276196	52.27	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.54%
62) 4-Bromofluorobenzene	12.483	95	97044	54.12	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.24%

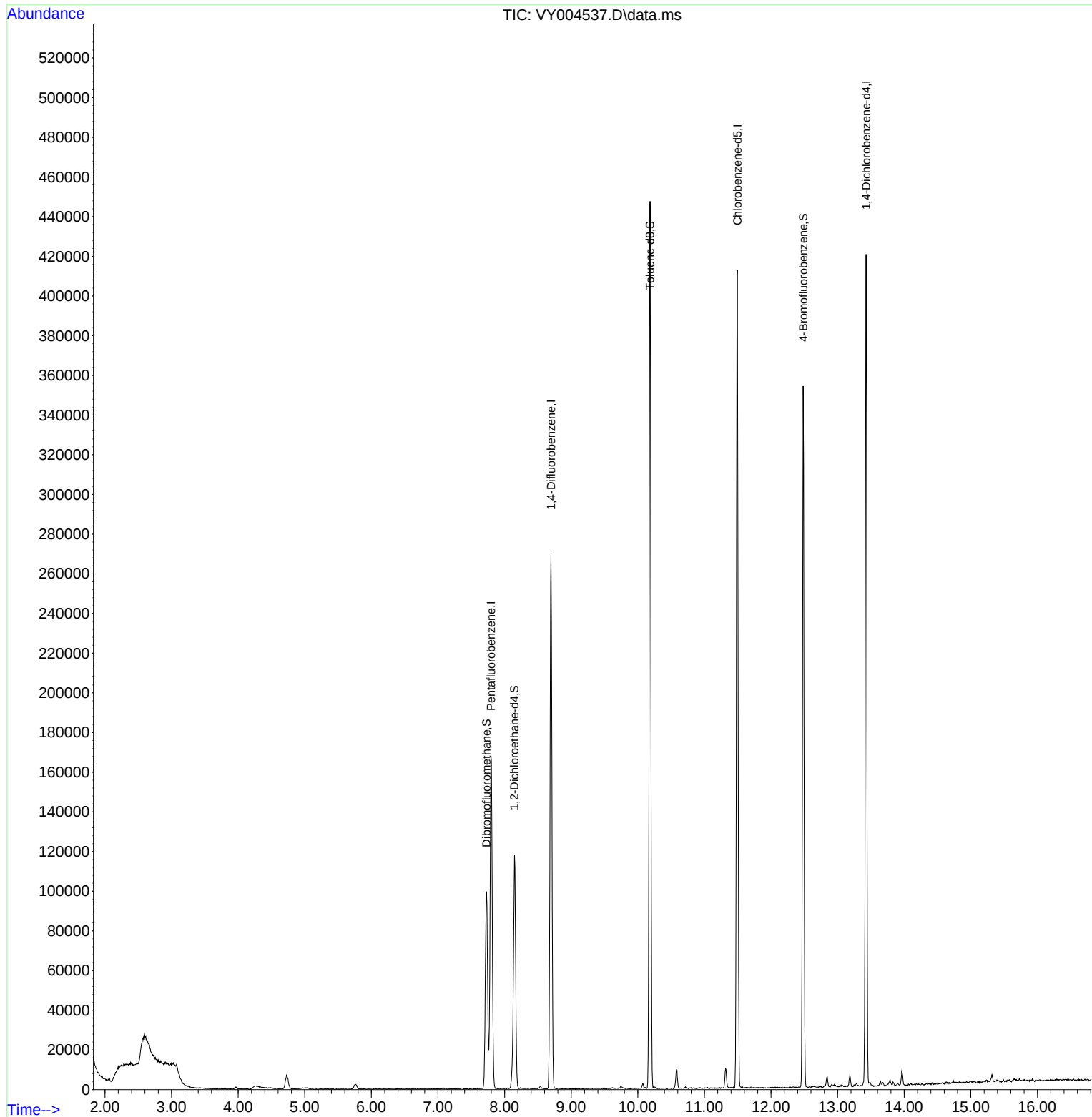
Target Compounds	Qvalue

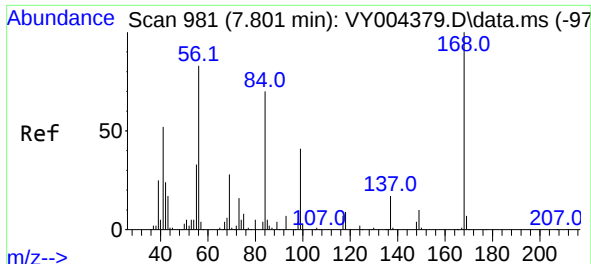
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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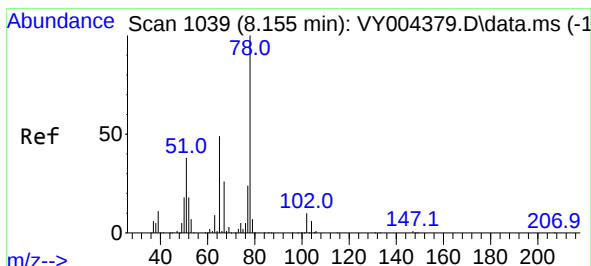
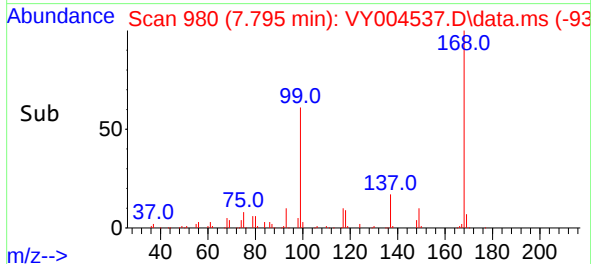
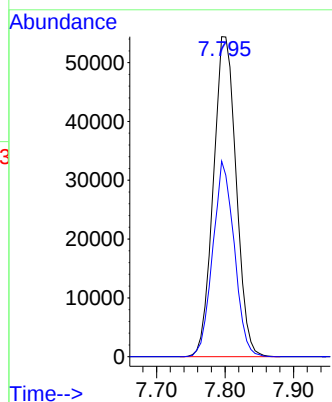
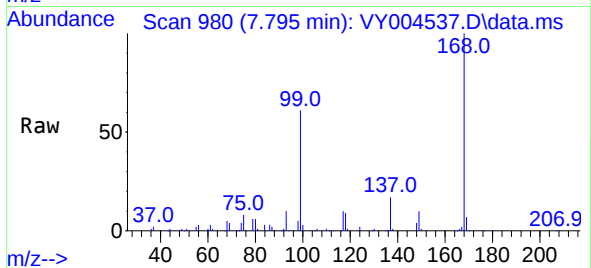




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

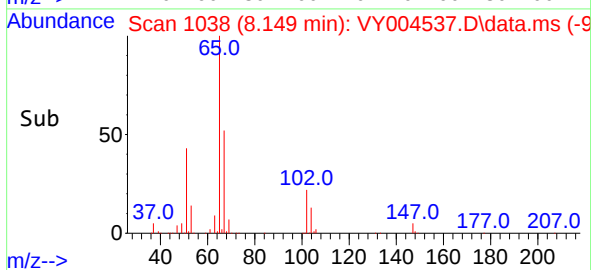
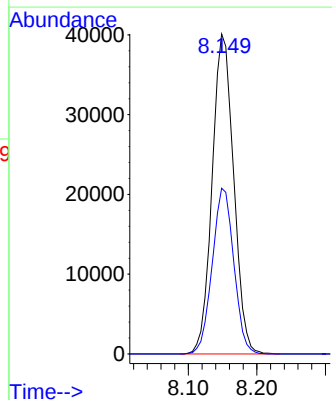
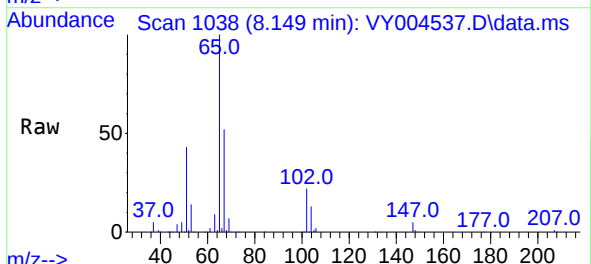
Instrument :
MSVOA_Y
ClientSampleId :
VOC

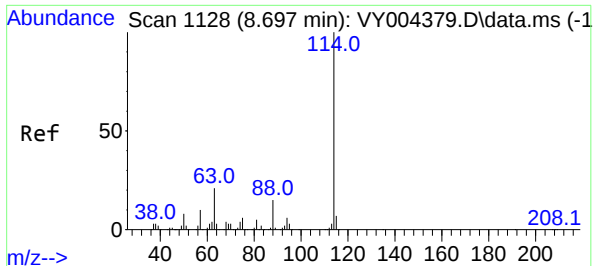
Tgt Ion:168 Resp: 125591
Ion Ratio Lower Upper
168 100
99 61.1 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 62.53 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

Tgt Ion: 65 Resp: 87257
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.4

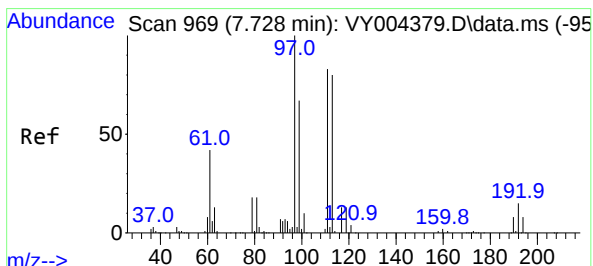
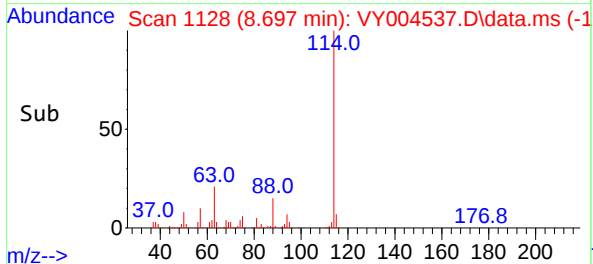
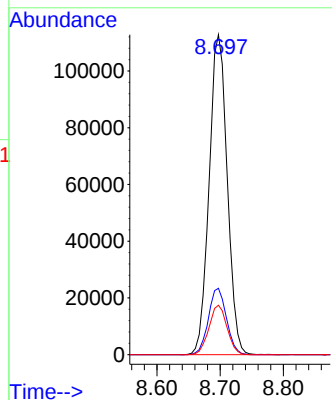
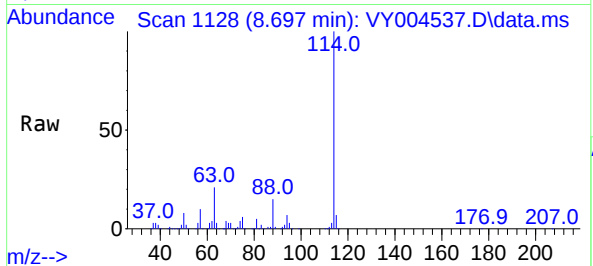




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

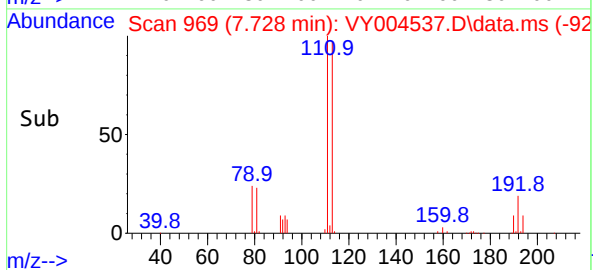
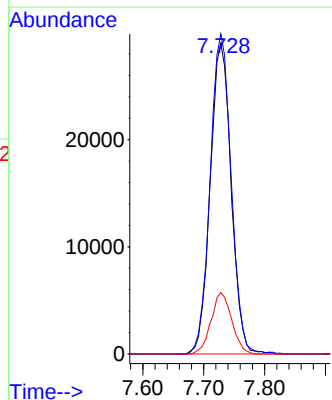
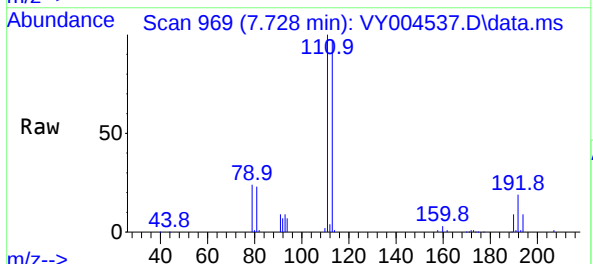
Instrument :
MSVOA_Y
ClientSampled :
VOC

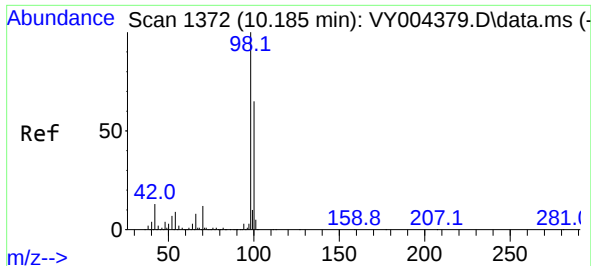
Tgt Ion:114 Resp: 223835
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 15.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.70 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

Tgt Ion:113 Resp: 69194
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.5 16.1 24.1

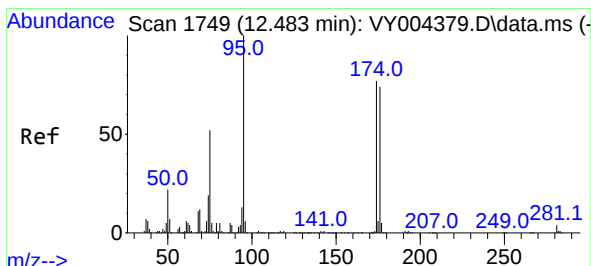
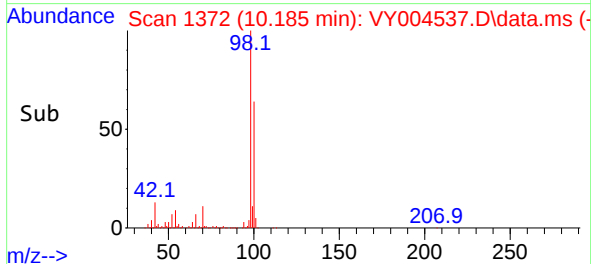
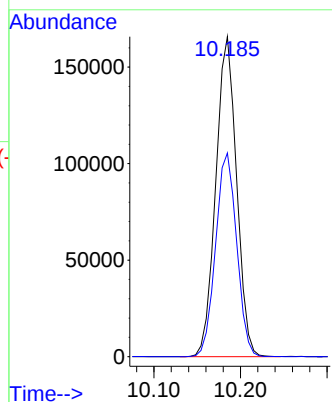
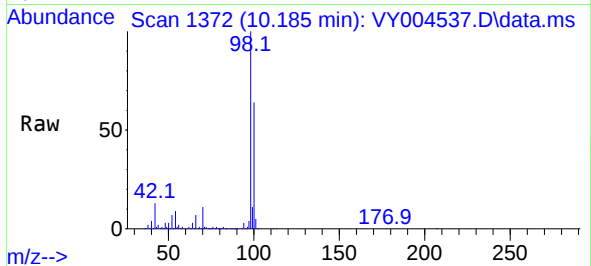




#50
Toluene-d8
Concen: 52.27 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

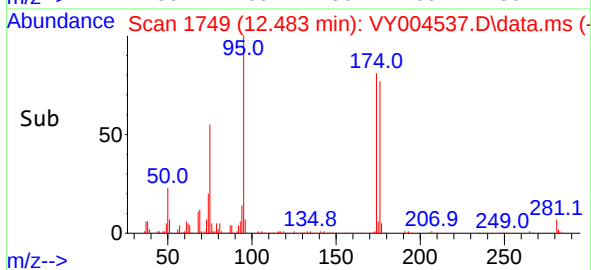
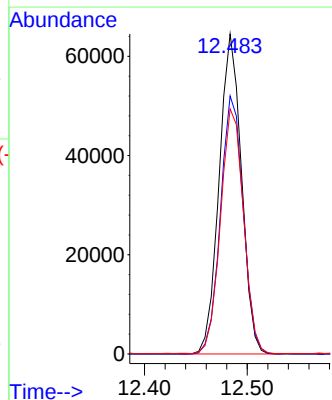
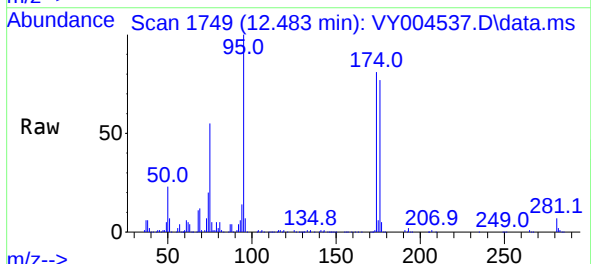
Instrument :
MSVOA_Y
ClientSampled :
VOC

Tgt Ion: 98 Resp: 276196
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

Tgt Ion: 95 Resp: 97044
Ion Ratio Lower Upper
95 100
174 82.0 0.0 162.4
176 78.8 0.0 156.0

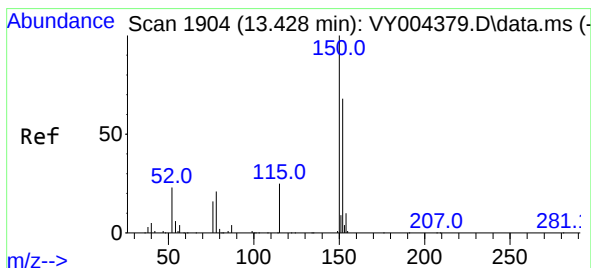
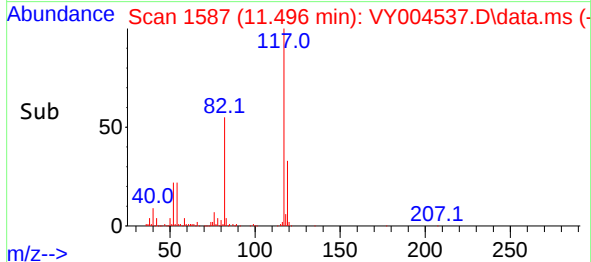
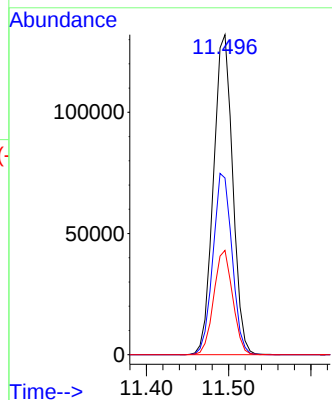
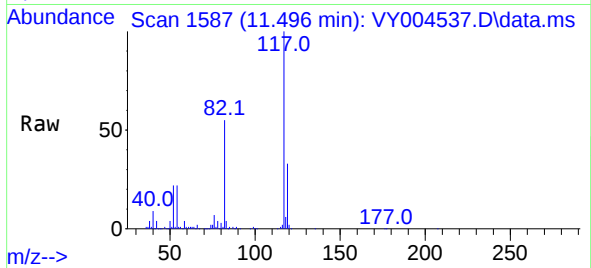




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004537.D
Acq: 20 Apr 2021 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:	117	Resp:	214528
Ion	Ratio	Lower	Upper
117	100		
82	55.2	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: VY004537.D
Acq: 20 Apr 2021 18:27

Tgt Ion:	152	Resp:	100941
Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.6	88.8
150	157.3	0.0	348.4

