

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005346.D
 Acq On : 02 Jul 2021 16:41
 Operator : SY/MD
 Sample : M2935-02
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jul 05 01:06:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

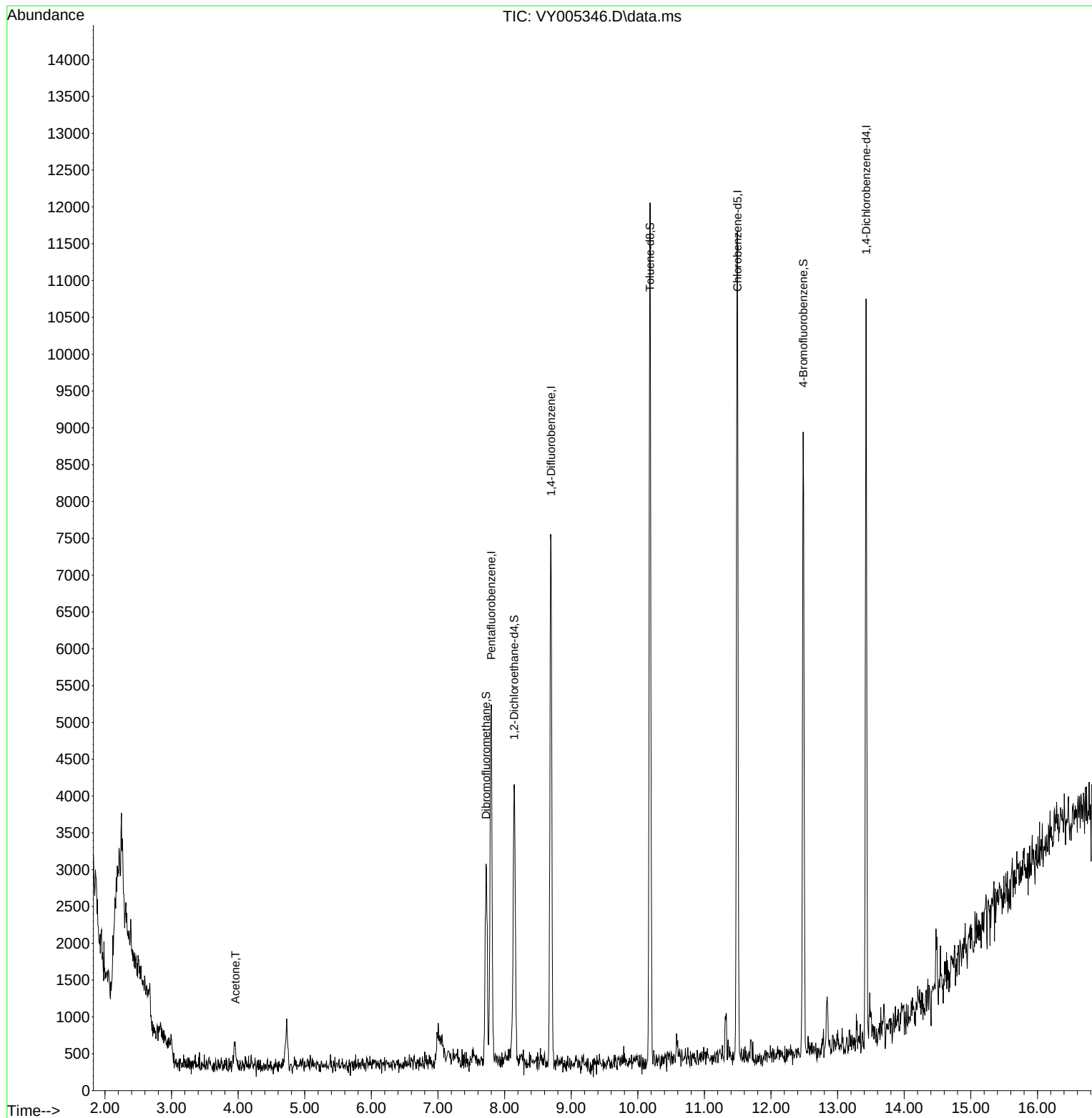
Internal Standards						
1) Pentafluorobenzene	7.801	168	4654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	6711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	6991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2910	75.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.700%
35) Dibromofluoromethane	7.722	113	1858	46.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.880%
50) Toluene-d8	10.185	98	8152	51.504	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.483	95	2371	44.954	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.900%
Target Compounds						
16) Acetone	3.960	43	573	64.223	ug/l	Qvalue 92

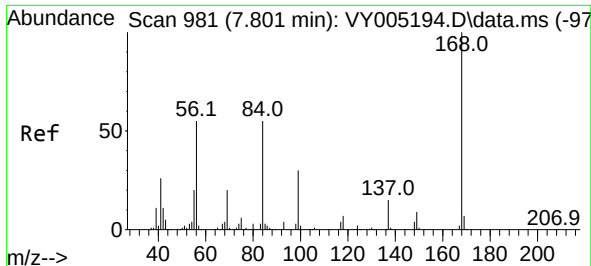
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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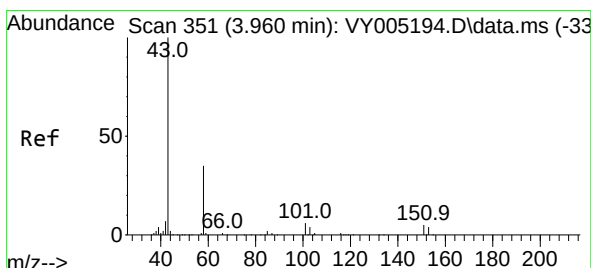
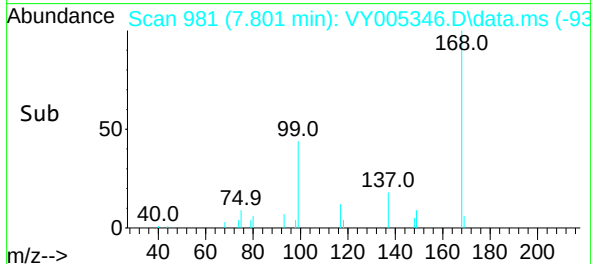
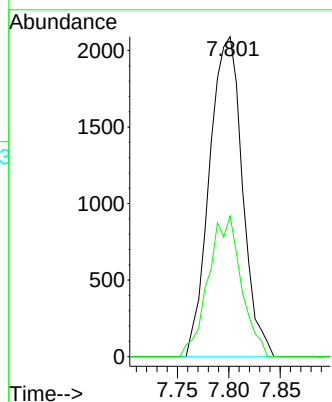
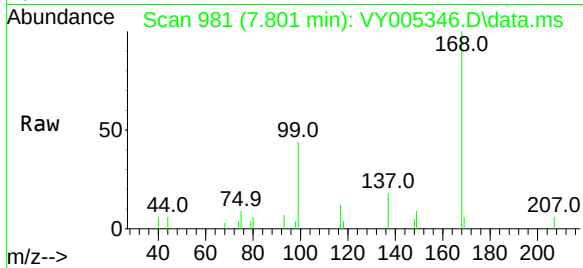




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

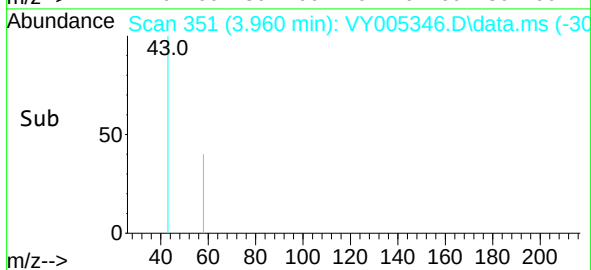
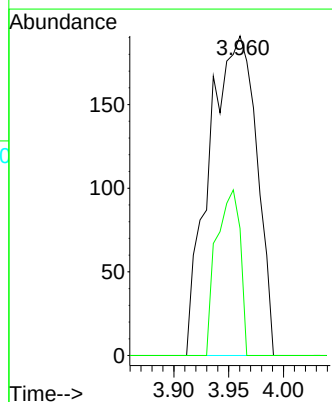
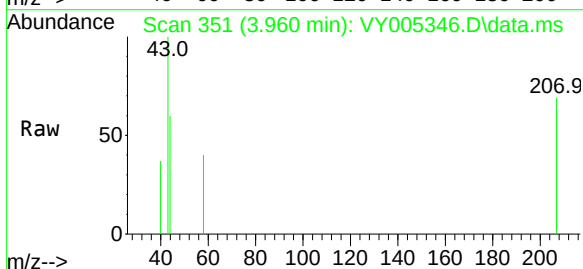
Instrument :
MSVOA_Y
ClientSampleId :
VOC

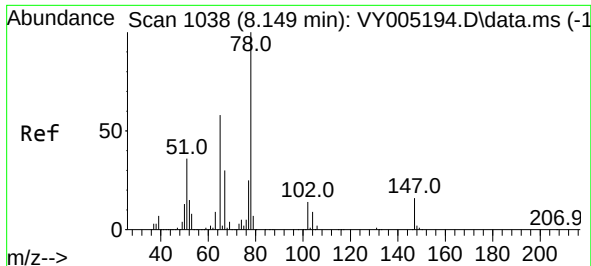
Tgt Ion:168 Resp: 4654
Ion Ratio Lower Upper
168 100
99 43.9 36.2 54.4



#16
Acetone
Concen: 64.223 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

Tgt Ion: 43 Resp: 573
Ion Ratio Lower Upper
43 100
58 39.8 28.2 42.2

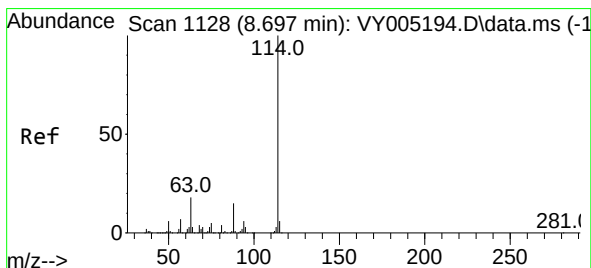
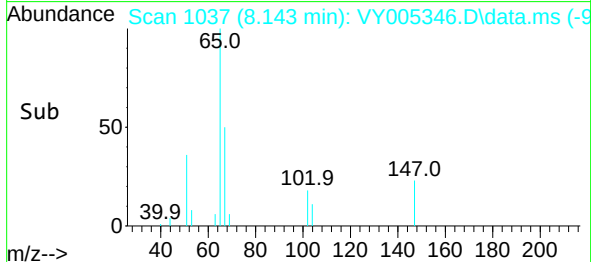
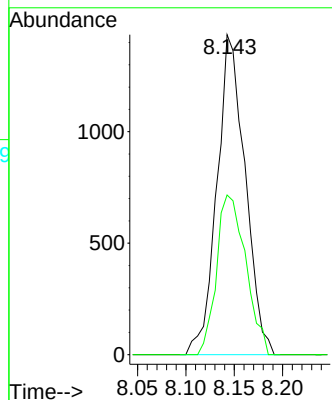
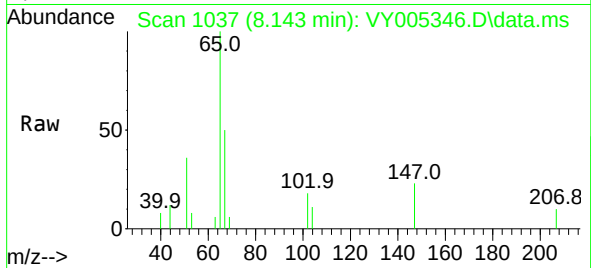




#33
1,2-Dichloroethane-d4
Concen: 75.347 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

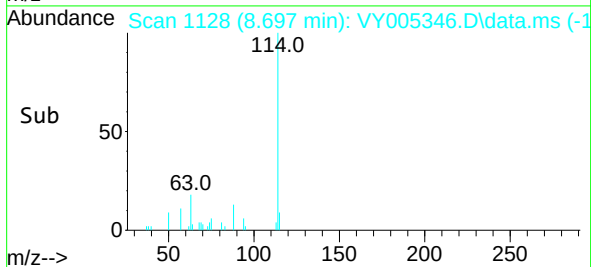
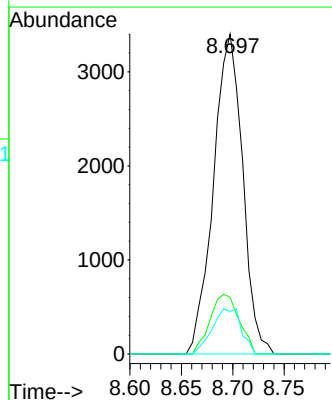
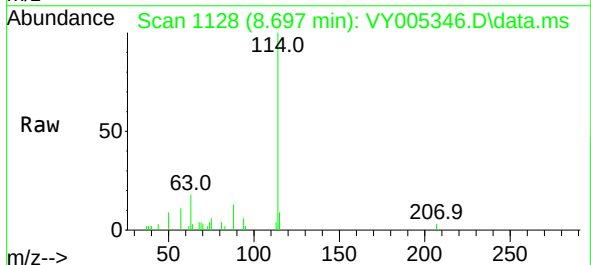
Instrument :
MSVOA_Y
ClientSampled :
VOC

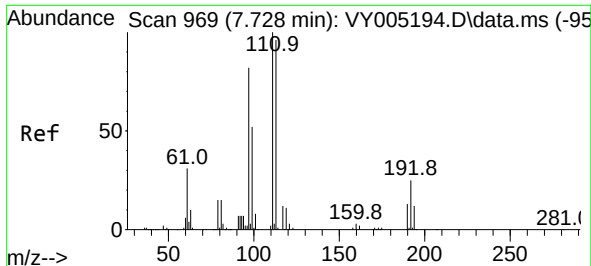
Tgt Ion: 65 Resp: 2910
Ion Ratio Lower Upper
65 100
67 51.6 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

Tgt Ion: 114 Resp: 6711
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.2
88 13.3 0.0 29.4

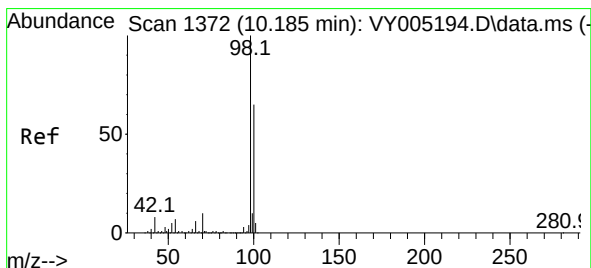
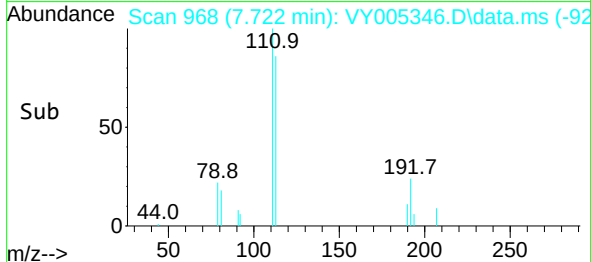
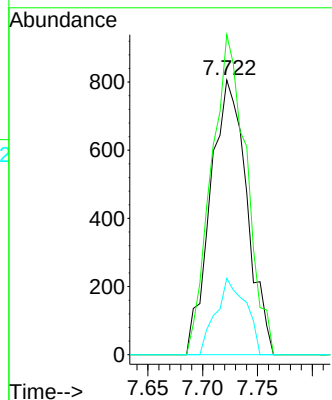
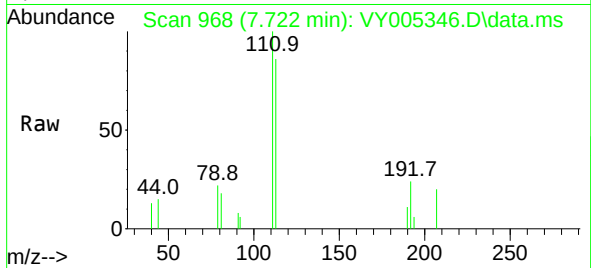




#35
Dibromofluoromethane
Concen: 46.945 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

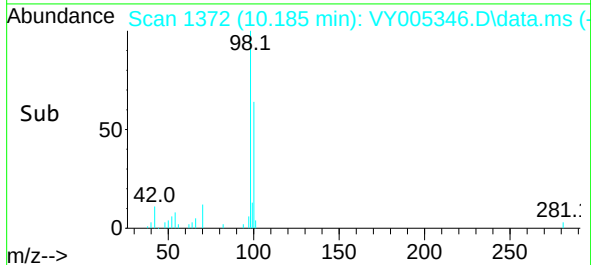
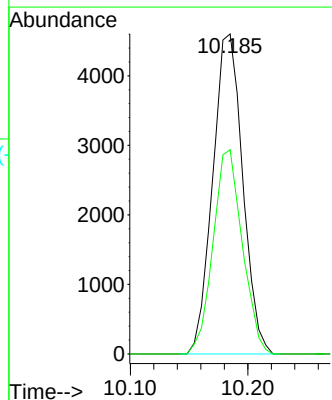
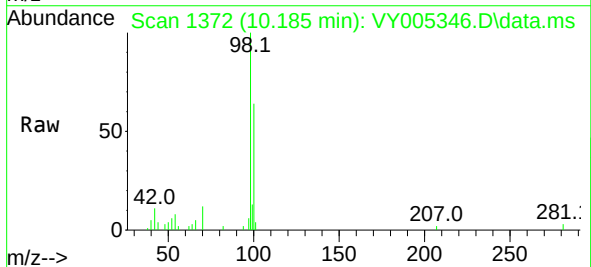
Instrument :
MSVOA_Y
ClientSampled :
VOC

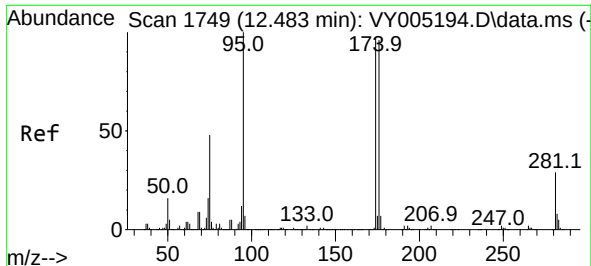
Tgt Ion:113 Resp: 1858
Ion Ratio Lower Upper
113 100
111 112.2 82.6 124.0
192 22.8 20.2 30.2



#50
Toluene-d8
Concen: 51.504 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

Tgt Ion: 98 Resp: 8152
Ion Ratio Lower Upper
98 100
100 62.3 51.9 77.9

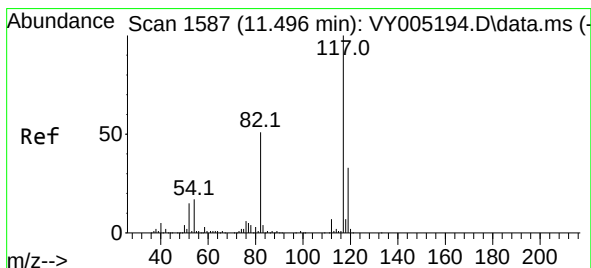
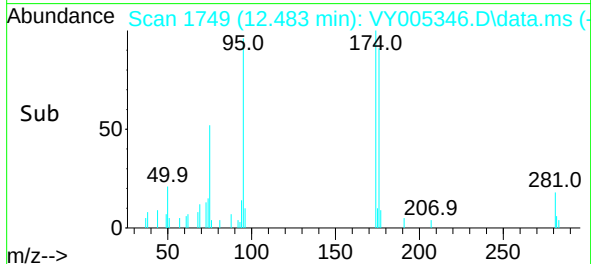
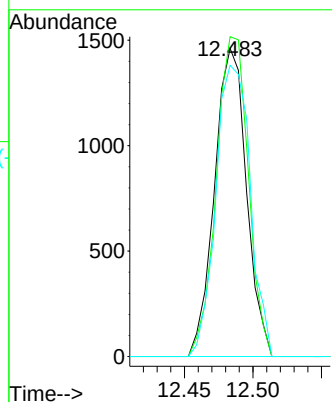
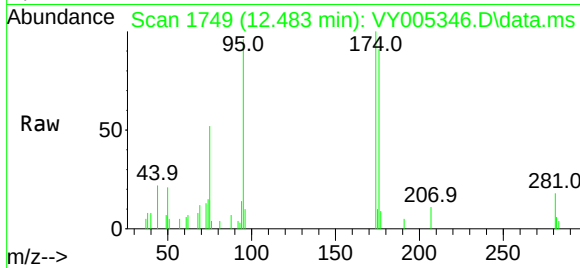




#62
4-Bromofluorobenzene
Concen: 44.954 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

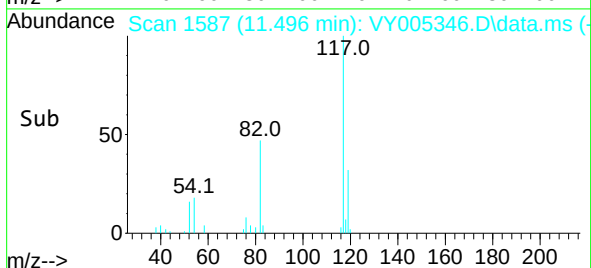
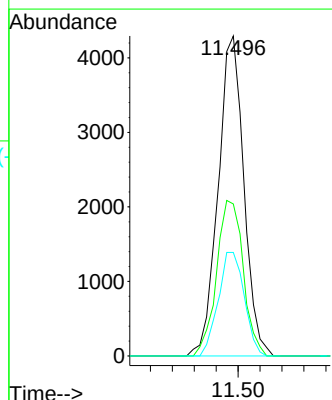
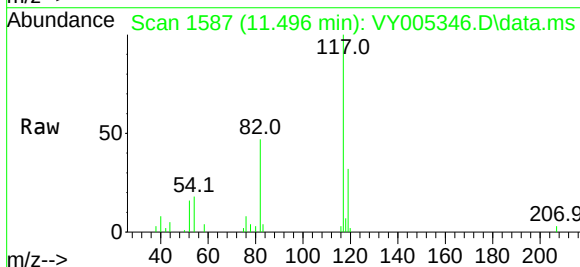
Instrument :
MSVOA_Y
ClientSampled :
VOC

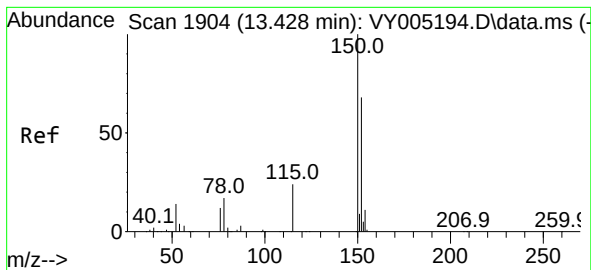
Tgt Ion:	95	Resp:	2371
Ion	Ratio	Lower	Upper
95	100		
174	103.8	0.0	201.6
176	101.4	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005346.D
Acq: 02 Jul 2021 16:41

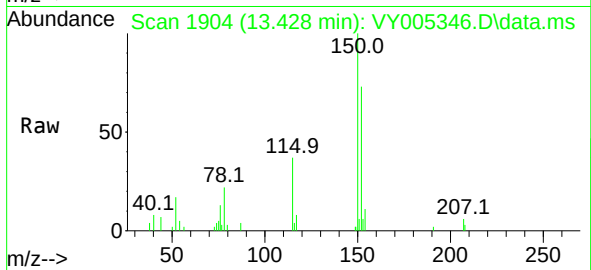
Tgt Ion:	117	Resp:	6991
Ion	Ratio	Lower	Upper
117	100		
82	47.5	40.6	60.8
119	32.3	26.1	39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005346.D
 Acq: 02 Jul 2021 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC



Tgt Ion:	152	Resp:	2773
Ion	Ratio	Lower	Upper
152	100		
115	55.4	26.3	78.8
150	155.8	0.0	344.2

