

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004186.D
 Acq On : 24 Mar 2021 14:25
 Operator : SY/MD
 Sample : M1671-02
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Mar 25 01:19:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	199178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	335902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	317405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161971	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	109289	55.60	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.20%
35) Dibromofluoromethane	7.728	113	100443	53.03	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.06%
50) Toluene-d8	10.185	98	396929	53.45	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.90%
62) 4-Bromofluorobenzene	12.483	95	148266	54.06	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.12%

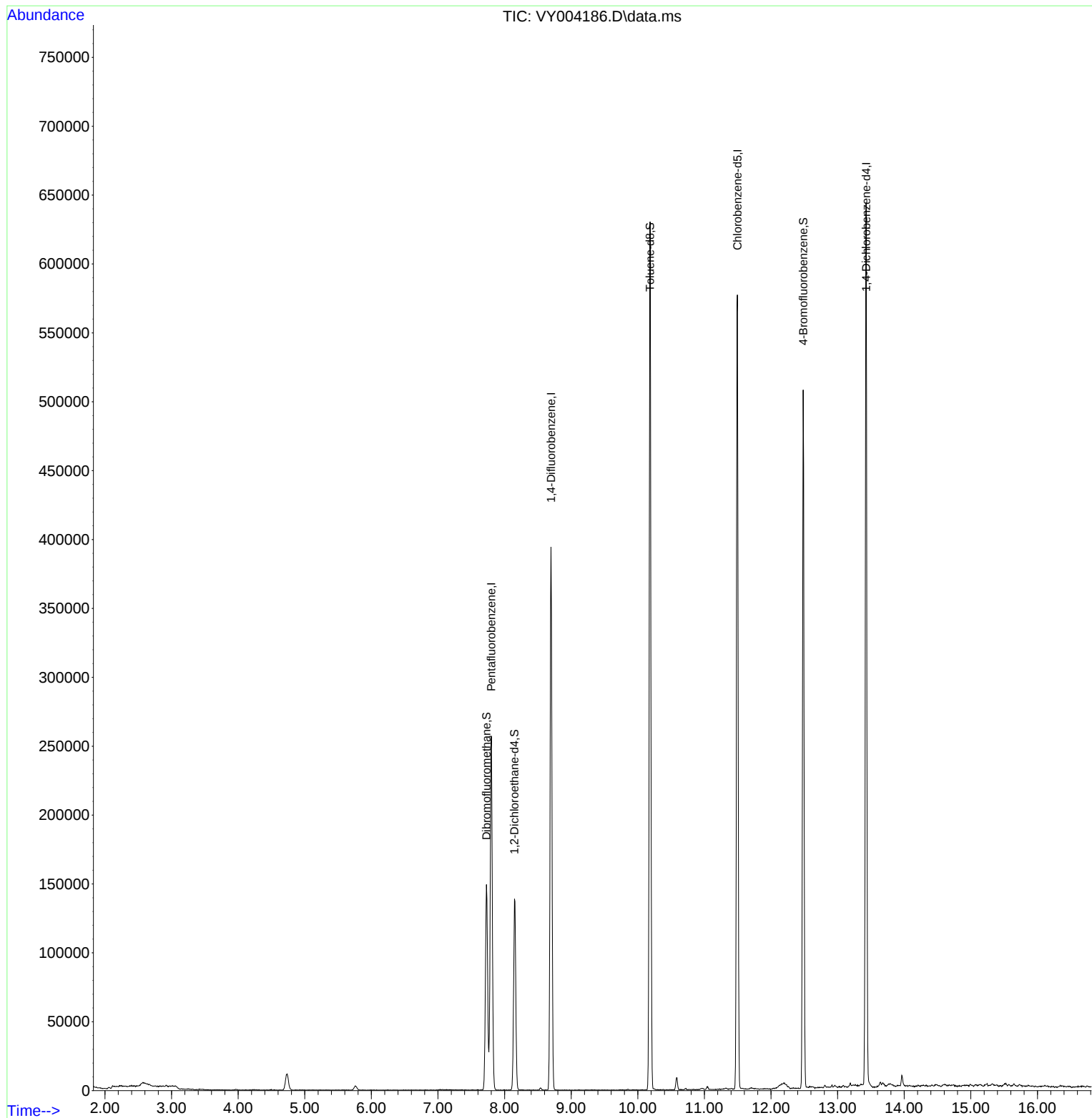
Target Compounds	Qvalue

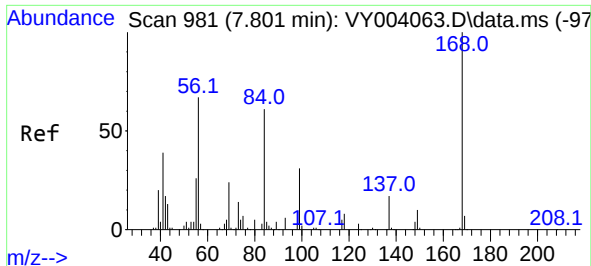
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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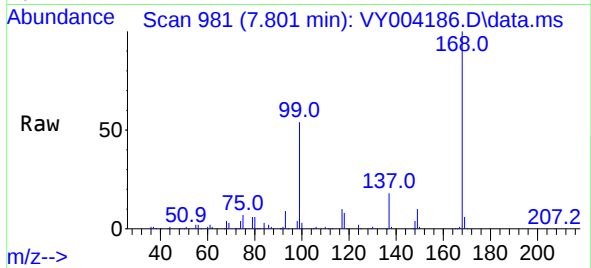
Quant Time: Mar 25 01:19:56 2021
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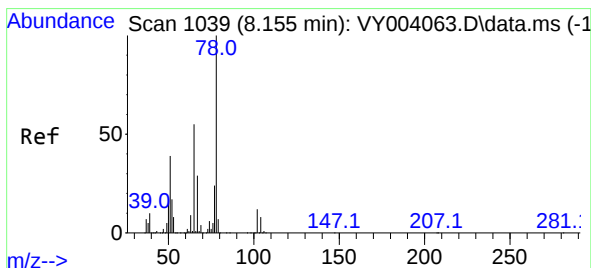
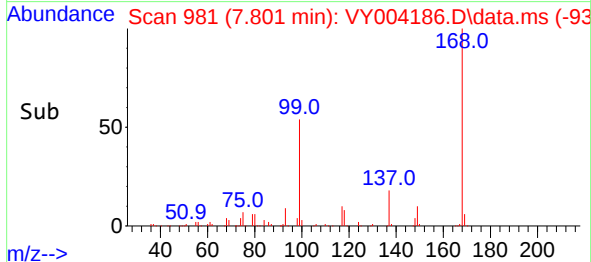
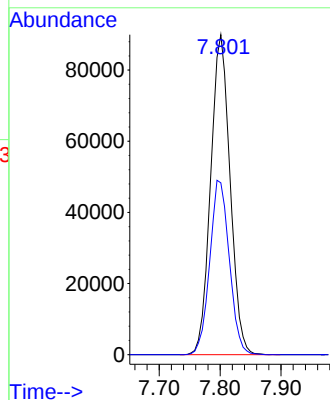


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

Instrument :
MSVOA_Y
ClientSampled :
VOC

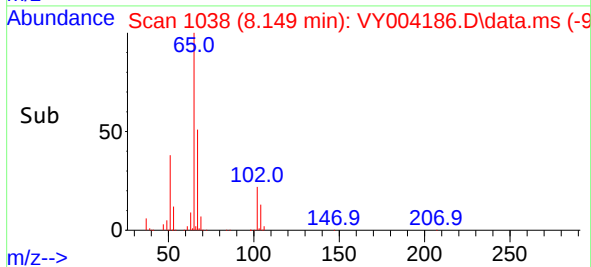
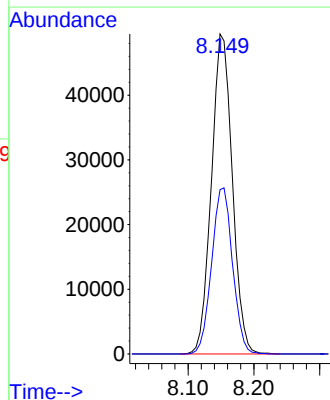
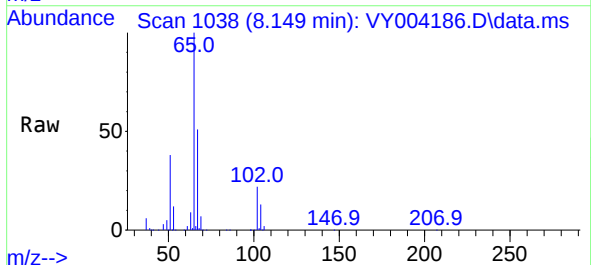


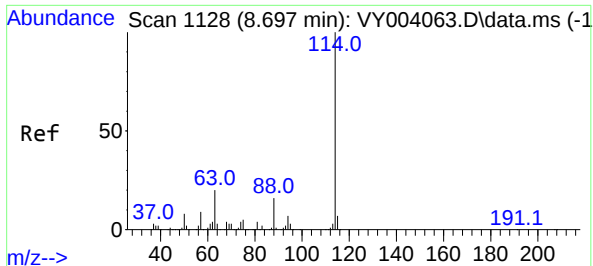
Tgt Ion:168 Resp: 199178
Ion Ratio Lower Upper
168 100
99 53.7 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 55.60 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

Tgt Ion: 65 Resp: 109289
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.4

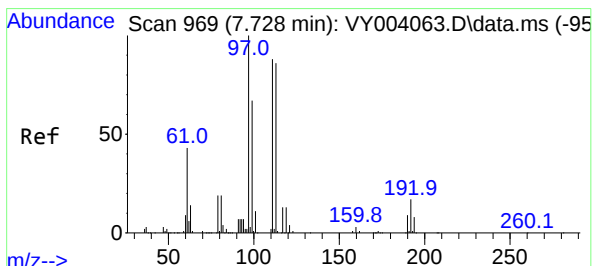
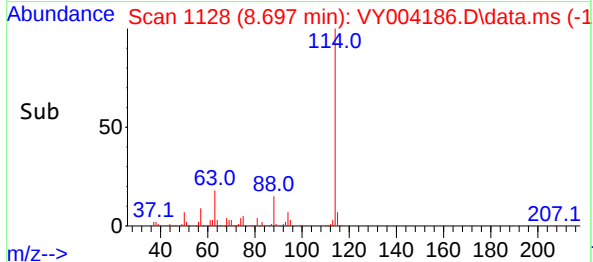
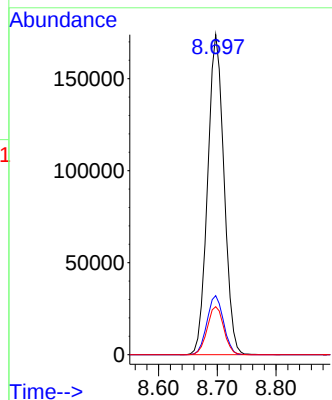
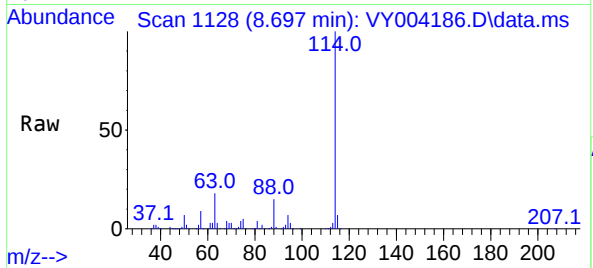




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

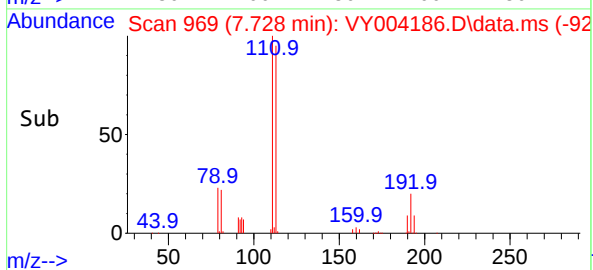
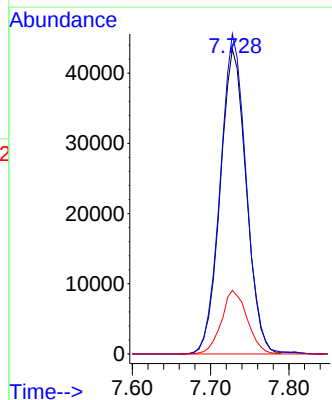
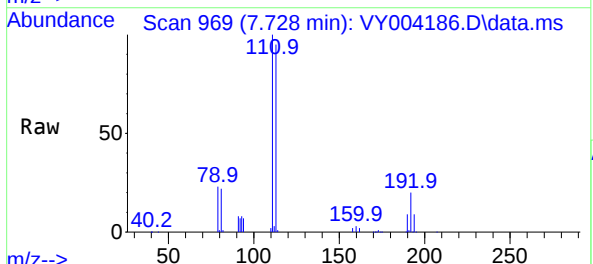
Instrument :
MSVOA_Y
ClientSampleId :
VOC

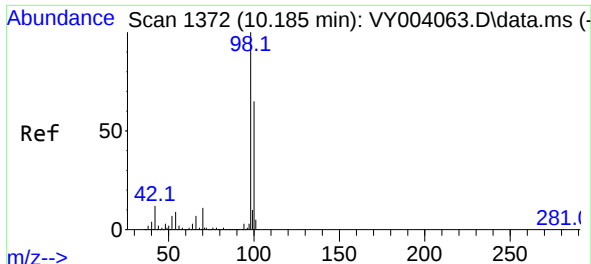
Tgt Ion:	114	Resp:	335902
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	41.6
88	15.0	0.0	31.4



#35
Dibromofluoromethane
Concen: 53.03 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

Tgt Ion:	113	Resp:	100443
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.2	124.8
192	20.6	18.5	27.7

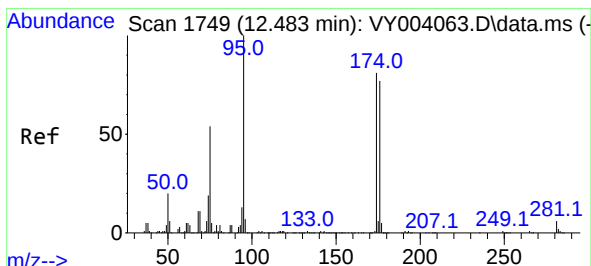
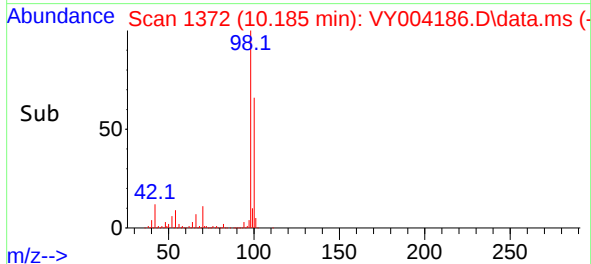
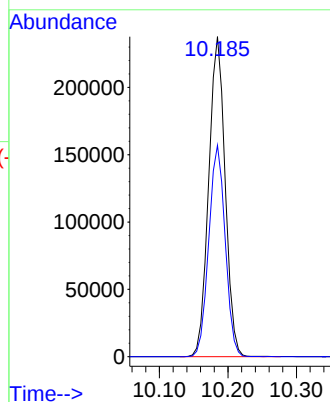
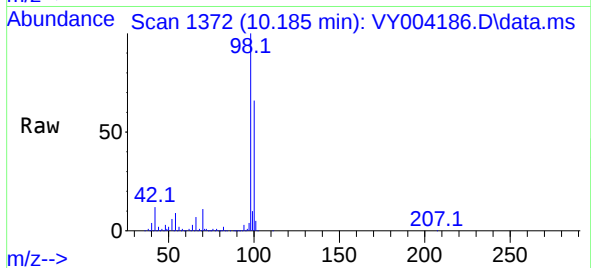




#50
Toluene-d8
Concen: 53.45 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

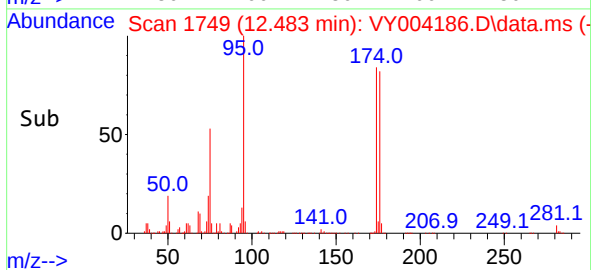
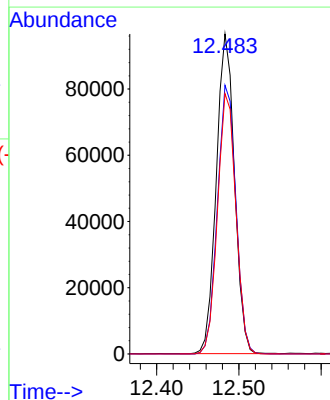
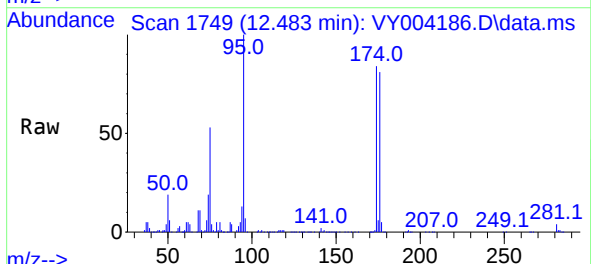
Instrument :
MSVOA_Y
ClientSampled :
VOC

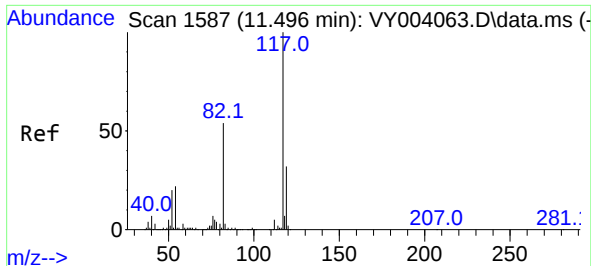
Tgt Ion: 98 Resp: 396929
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

Tgt Ion: 95 Resp: 148266
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 82.3 0.0 174.4



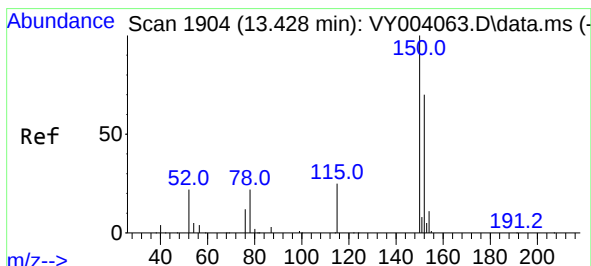
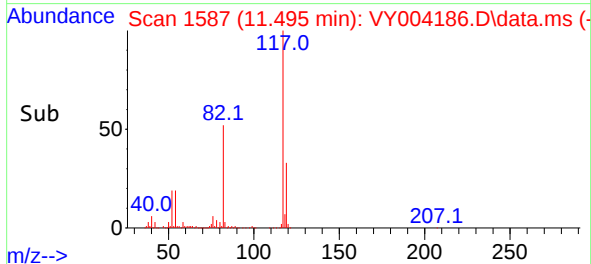
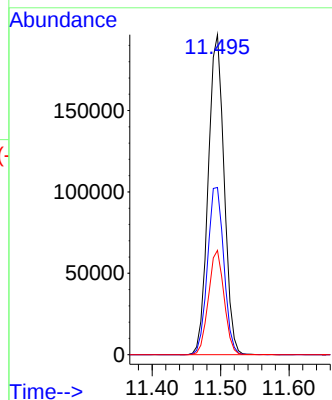
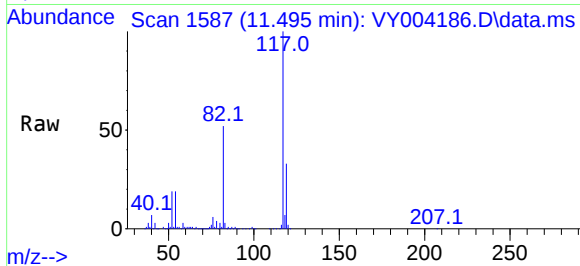


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 317405

Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.8	65.6
119	32.6	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004186.D
Acq: 24 Mar 2021 14:25

Tgt Ion:152 Resp: 161971

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.6
150	157.1	0.0	347.2

