

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121219\
 Data File : VY000931.D
 Acq On : 12 Dec 2019 15:27
 Operator : SY/MD
 Sample : K6274-01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T2-COMP

Quant Time: Dec 13 07:09:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

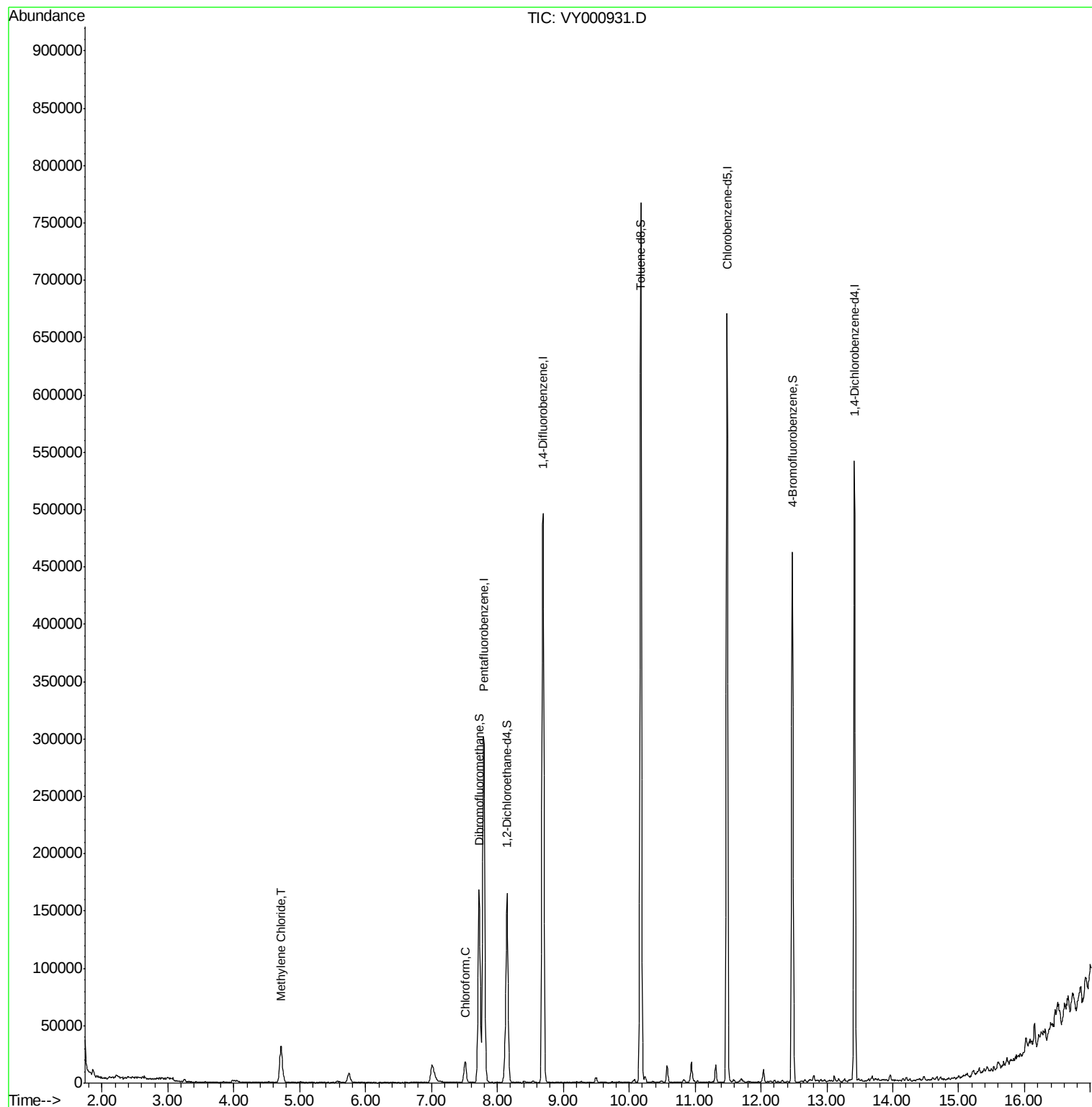
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	237396	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	431234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	353803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	130000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	118939	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
35) Dibromofluoromethane	7.72	113	120866	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
50) Toluene-d8	10.17	98	497436	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.47	95	145524	38.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.14%	
Target Compounds						
20) Methylene Chloride	4.72	84	23251	7.623	ug/l	92
30) Chloroform	7.51	83	16914	3.335	ug/l	94

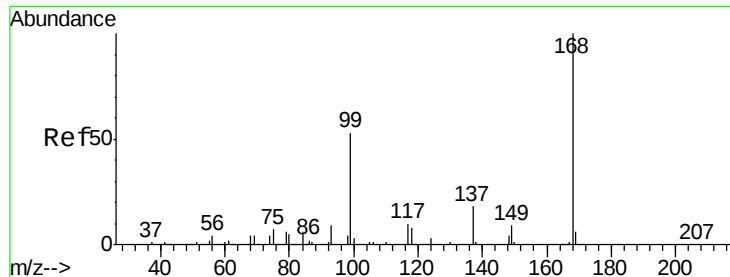
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000931.D

Acq: 12 Dec 2019 15:27

Instrument :

MSVOA_Y

ClientSampleId :

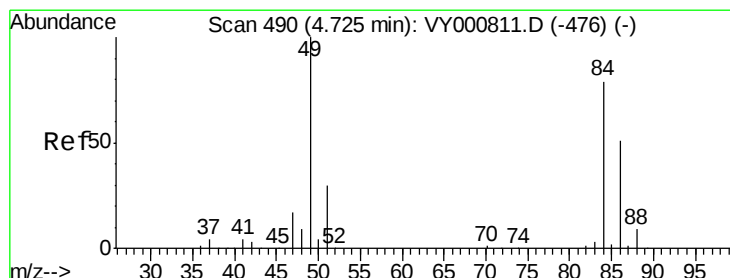
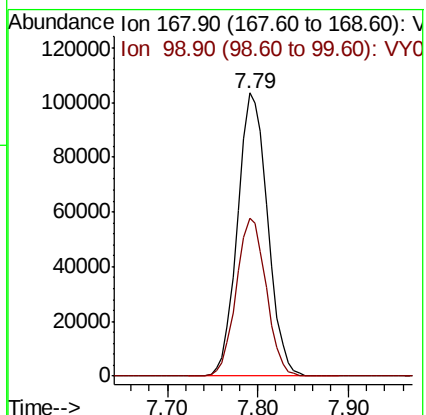
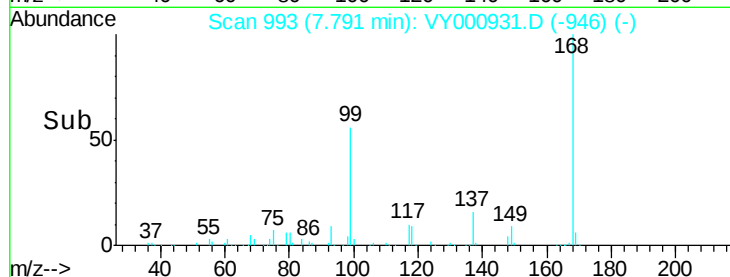
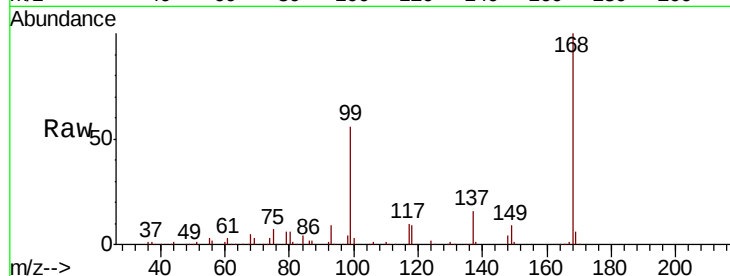
T2-COMP

Tot Ion:168 Resp: 237396

Ion Ratio Lower Upper

168 100

99 55.8 45.0 67.6



#20

Methylene Chloride

Concen: 7.623 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000931.D

Acq: 12 Dec 2019 15:27

Tgt Ion: 84 Resp: 23251

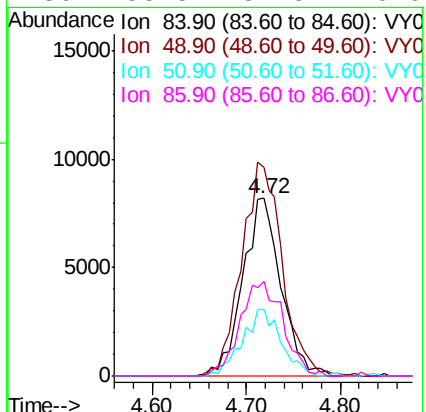
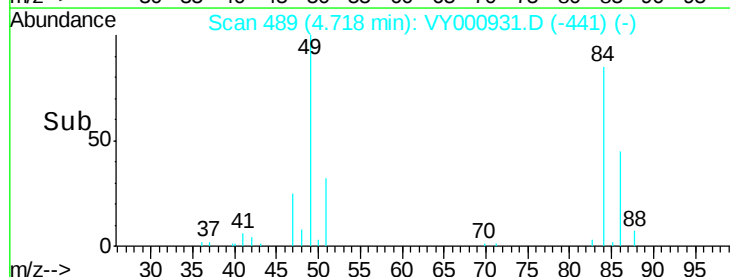
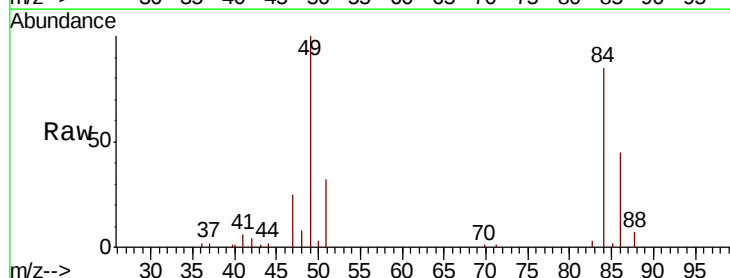
Ion Ratio Lower Upper

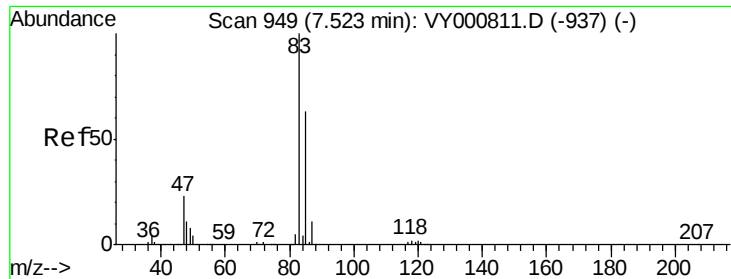
84 100

49 117.7 101.3 151.9

51 37.5 30.6 45.8

86 53.5 51.3 76.9

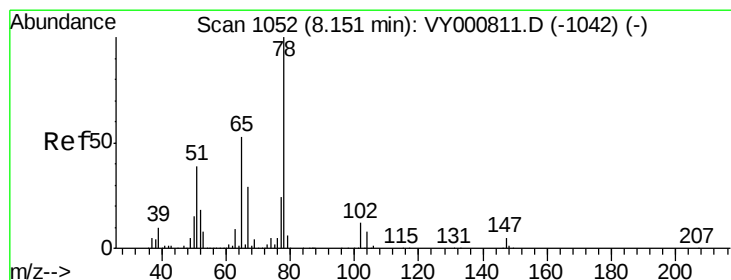
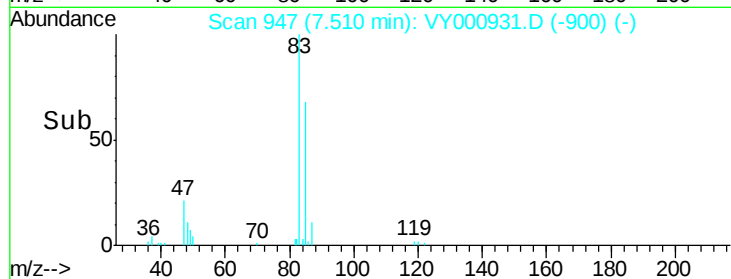
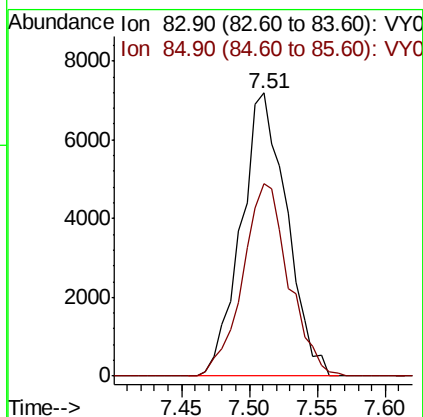
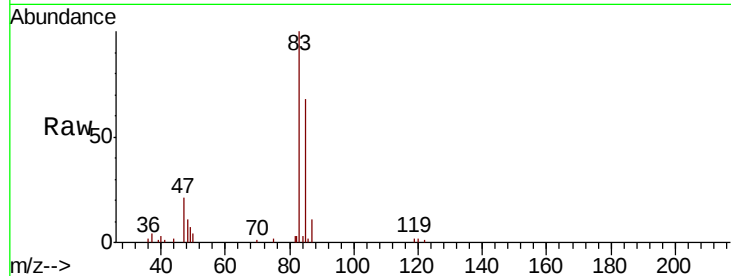




#30
Chloroform
Concen: 3.335 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000931.D
Acq: 12 Dec 2019 15:27

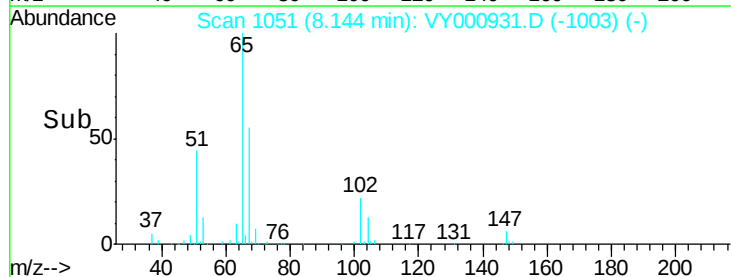
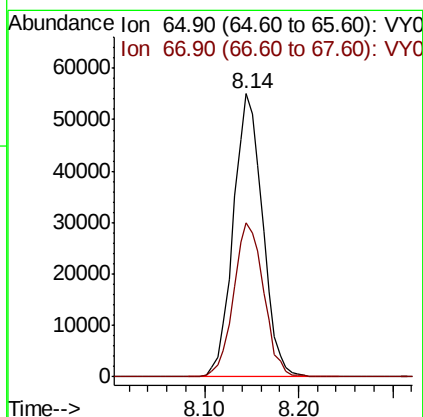
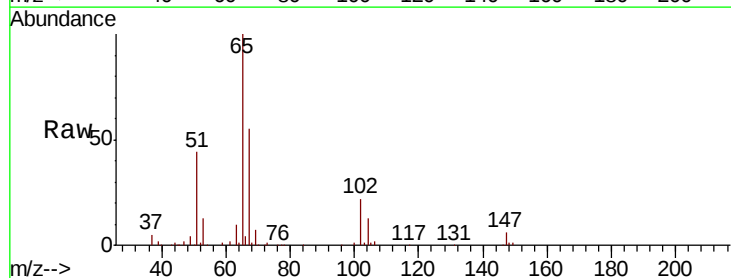
Instrument :
MSVOA_Y
ClientSampleId :
T2-COMP

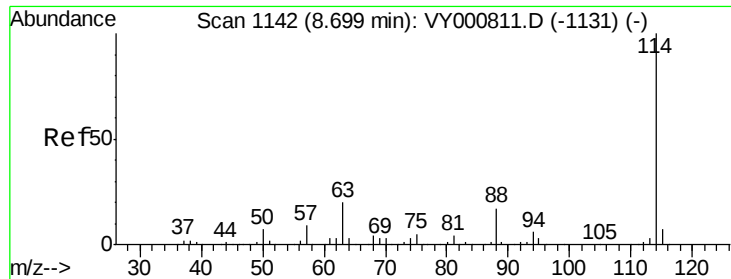
Tot Ion: 83 Resp: 16914
Ion Ratio Lower Upper
83 100
85 67.8 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 47.151 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY000931.D
Acq: 12 Dec 2019 15:27

Tgt Ion: 65 Resp: 118939
Ion Ratio Lower Upper
65 100
67 56.1 0.0 112.0

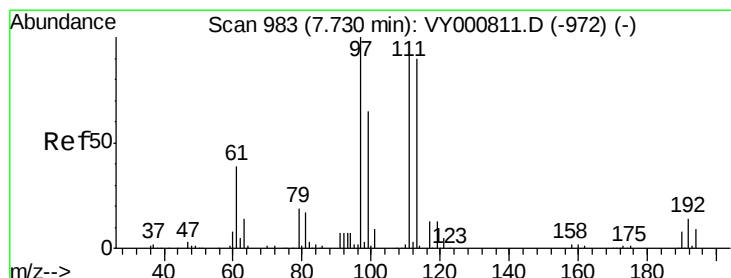
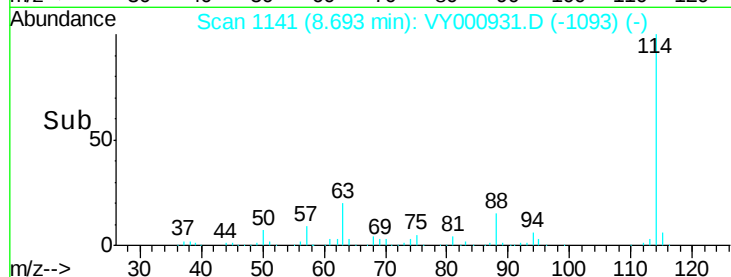
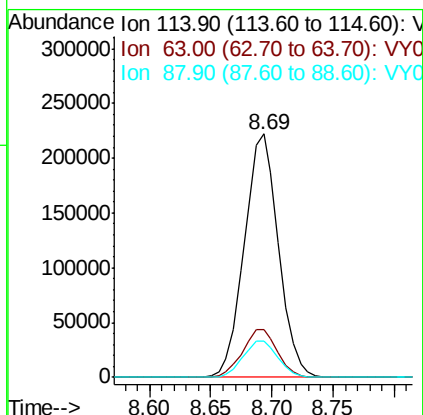
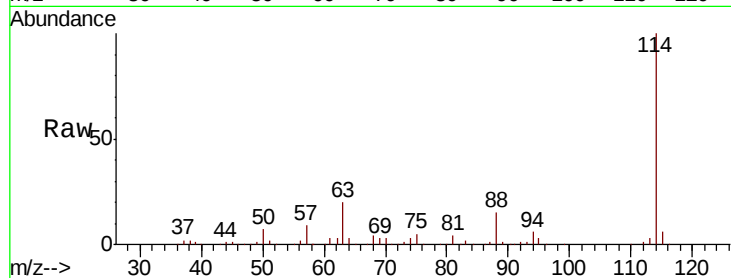




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000931.D
 Acq: 12 Dec 2019 15:27

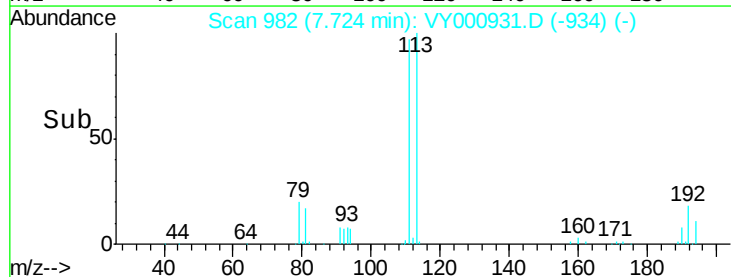
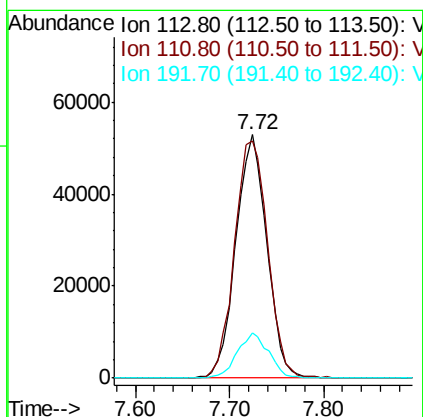
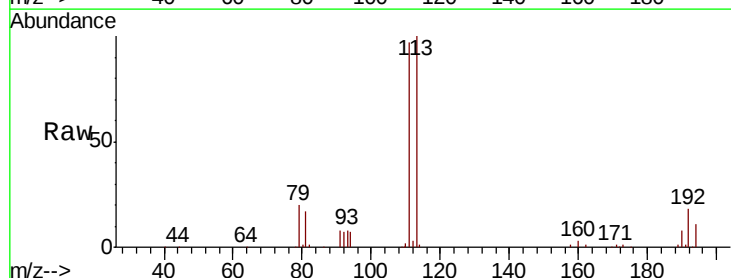
Instrument :
 MSVOA_Y
 ClientSampleId :
 T2-COMP

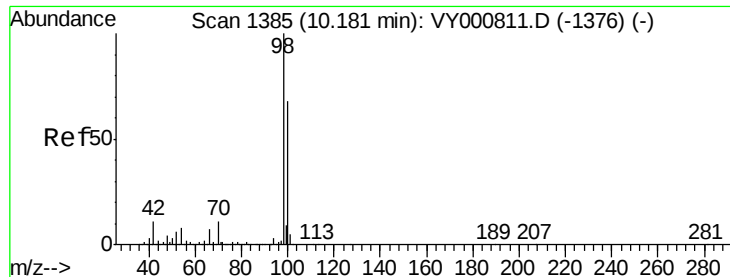
Tot Ion:114 Resp: 431234
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 14.8 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 48.092 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000931.D
 Acq: 12 Dec 2019 15:27

Tgt Ion:113 Resp: 120866
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.4 123.6
 192 18.8 14.2 21.2





#50

Toluene-d8

Concen: 49.507 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY000931.D

Acq: 12 Dec 2019 15:27

Instrument :

MSVOA_Y

ClientSampleId :

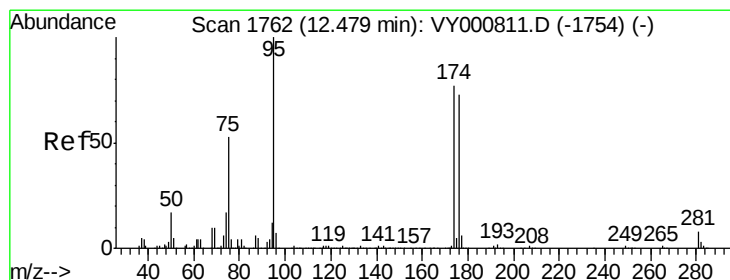
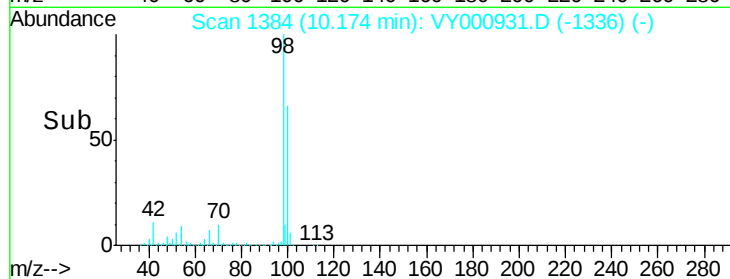
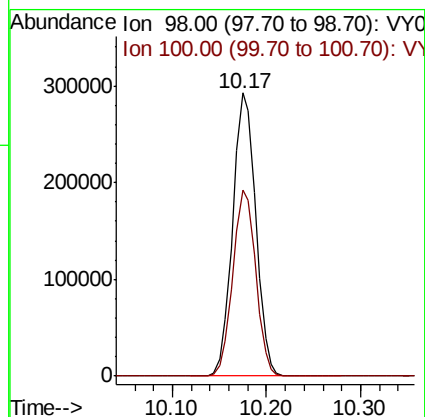
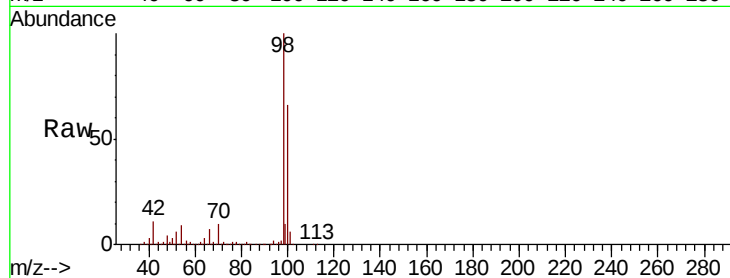
T2-COMP

Tot Ion: 98 Resp: 497436

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 38.565 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY000931.D

Acq: 12 Dec 2019 15:27

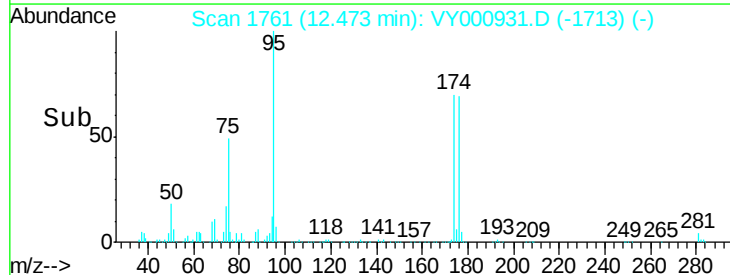
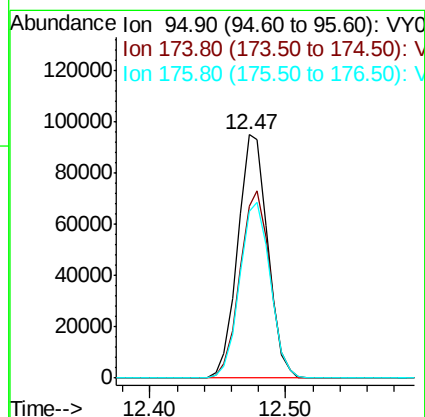
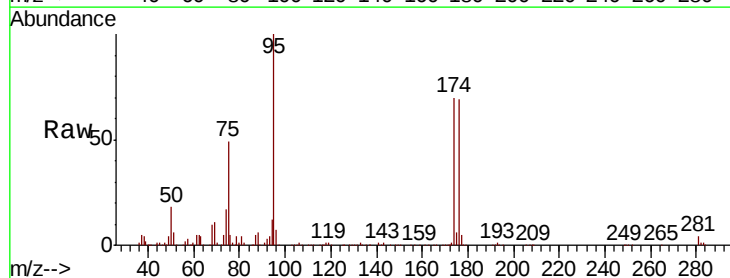
Tgt Ion: 95 Resp: 145524

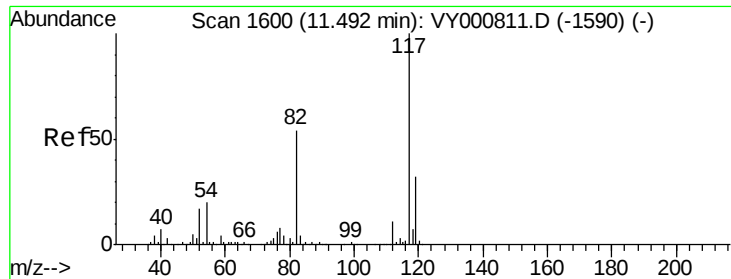
Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.6

176 73.7 0.0 145.2

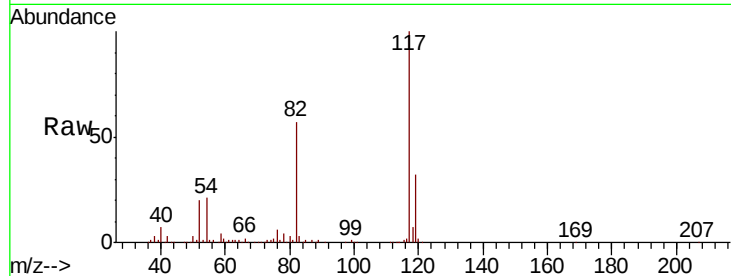




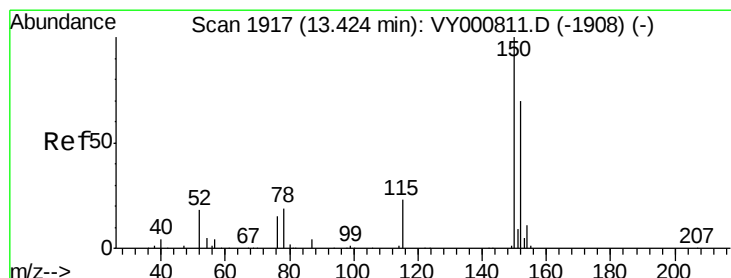
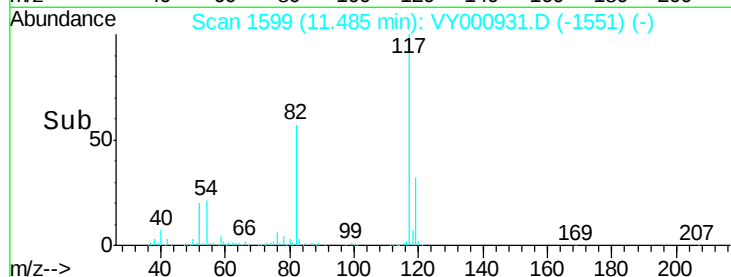
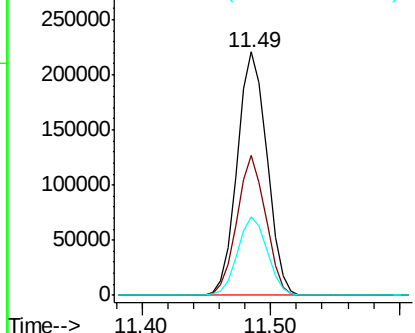
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000931.D
Acq: 12 Dec 2019 15:27

Instrument :
MSVOA_Y
ClientSampled :
T2-COMP

Tot Ion:117 Resp: 353803
Ion Ratio Lower Upper
117 100
82 57.2 43.1 64.7
119 32.3 25.3 37.9

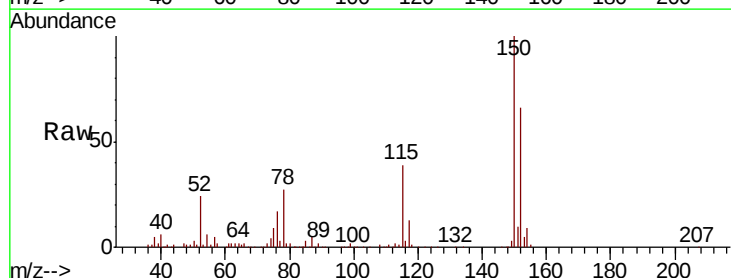


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000931.D
Acq: 12 Dec 2019 15:27

Tgt Ion:152 Resp: 130000
Ion Ratio Lower Upper
152 100
115 58.8 29.3 87.8
150 156.8 0.0 351.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

