

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003096.D
 Acq On : 02 Jul 2020 19:34
 Operator : SY/MD
 Sample : L3211-04
 Misc : 9.47G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4 11-11.5

Quant Time: Jul 03 04:29:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

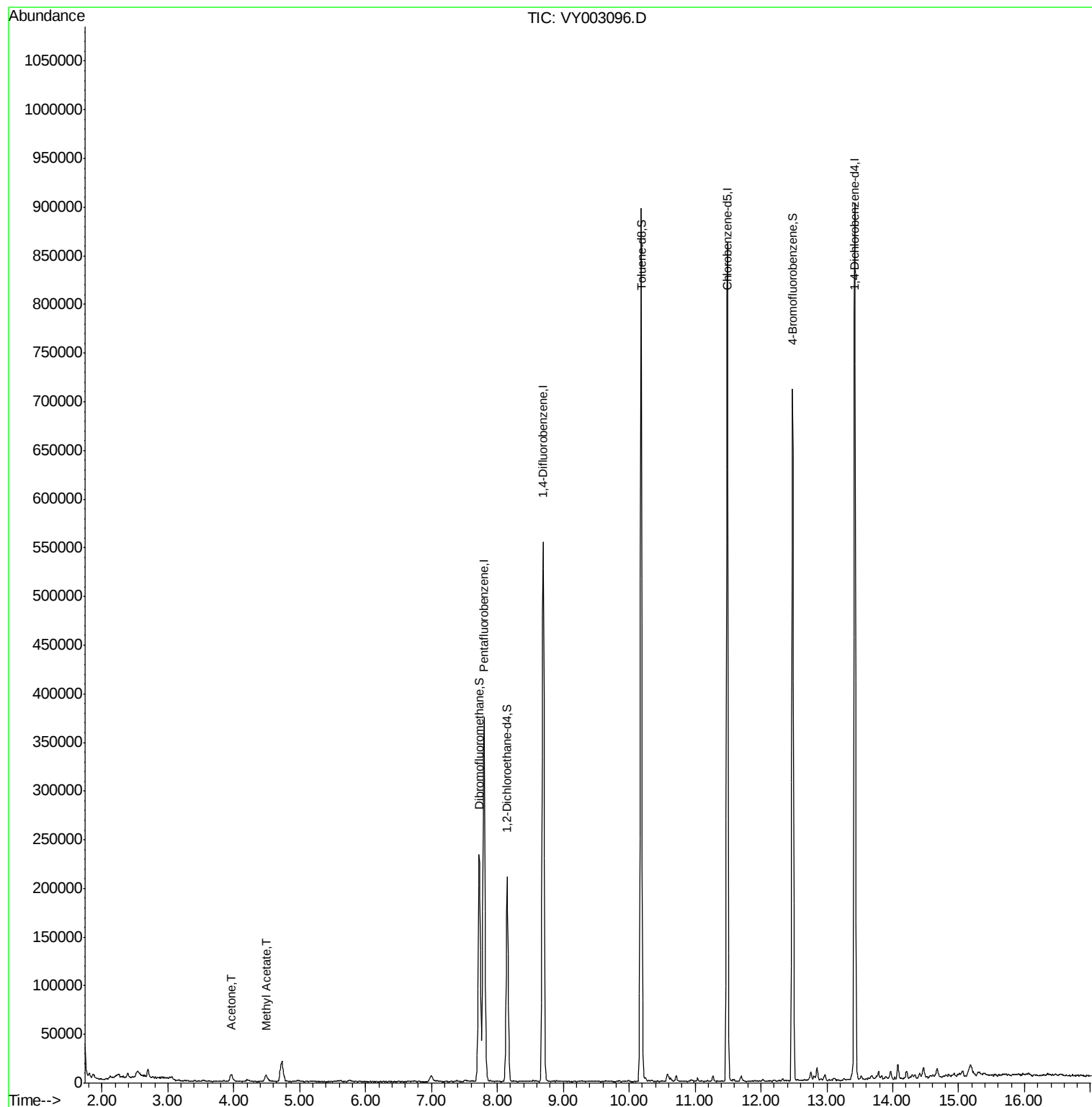
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	305188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	486217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	466277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	233382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	161596	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
35) Dibromofluoromethane	7.72	113	161477	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
50) Toluene-d8	10.18	98	587510	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.48	95	206743	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
Target Compounds						
16) Acetone	3.96	43	13992	19.572	ug/l	91
18) Methyl Acetate	4.49	43	13136	6.820	ug/l	91

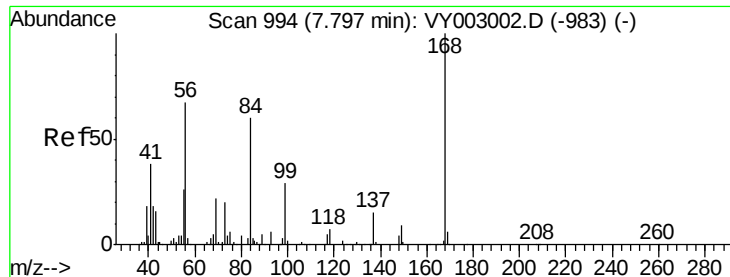
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003096.D

Acq: 02 Jul 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

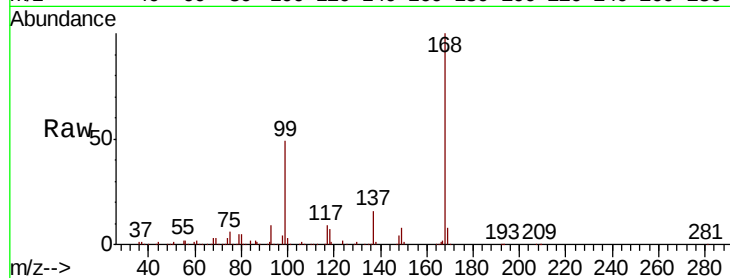
SB-4_11-11.5

Tot Ion:168 Resp: 305188

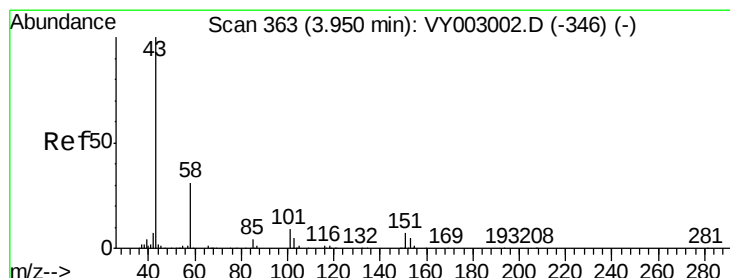
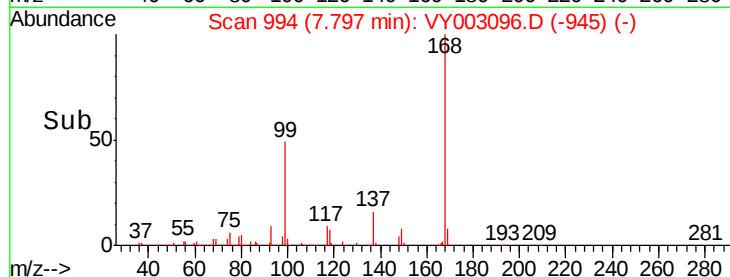
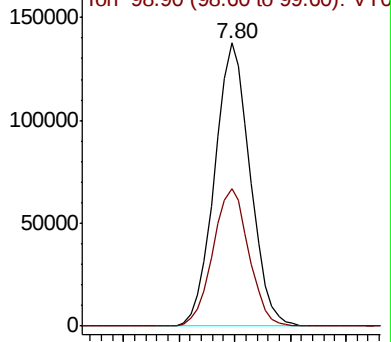
Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)



#16

Acetone

Concen: 19.572 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003096.D

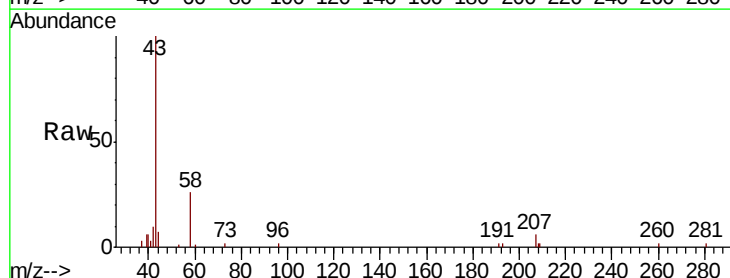
Acq: 02 Jul 2020 19:34

Tgt Ion: 43 Resp: 13992

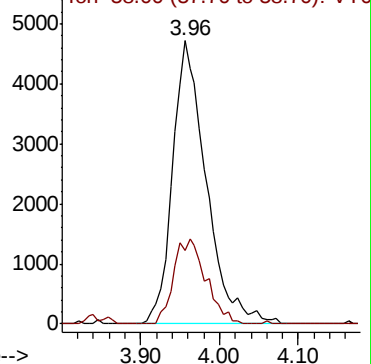
Ion Ratio Lower Upper

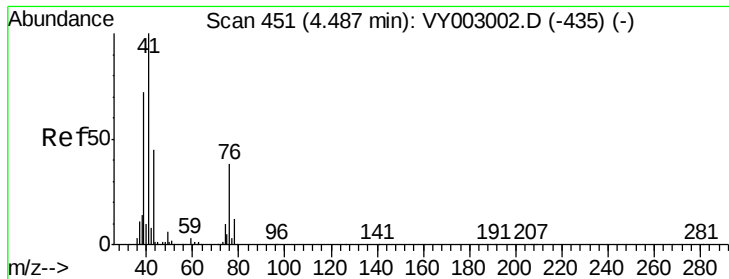
43 100

58 26.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

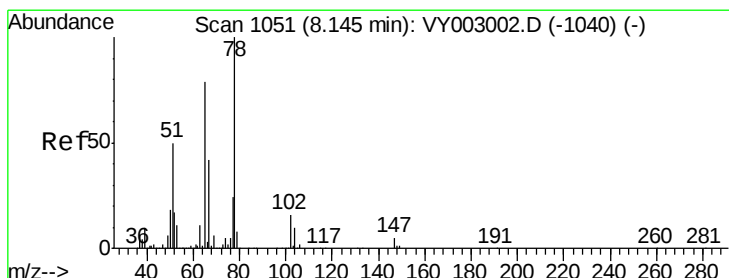
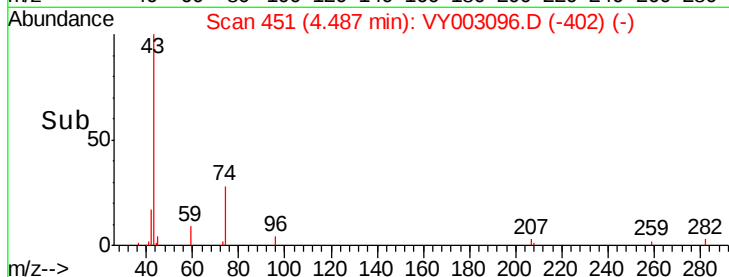
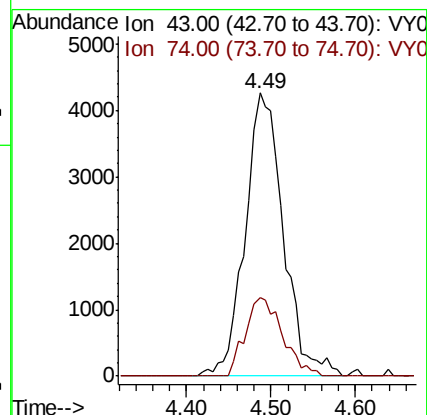
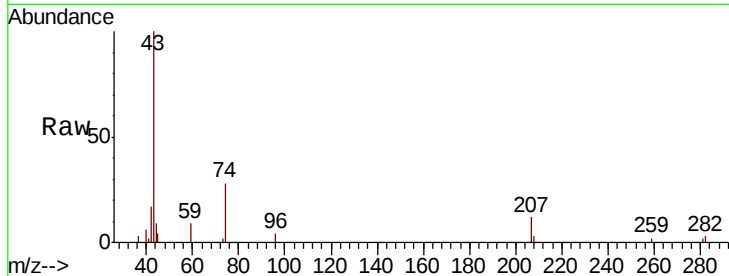




#18
Methvl Acetate
Concen: 6.820 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003096.D
Acq: 02 Jul 2020 19:34

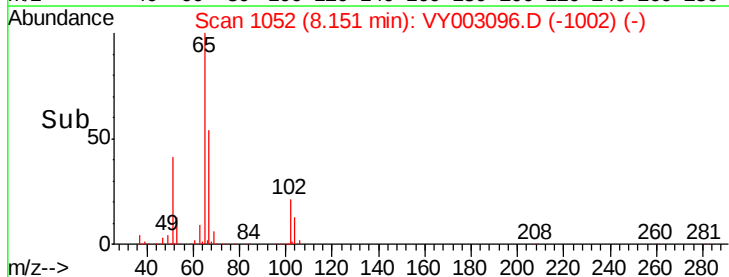
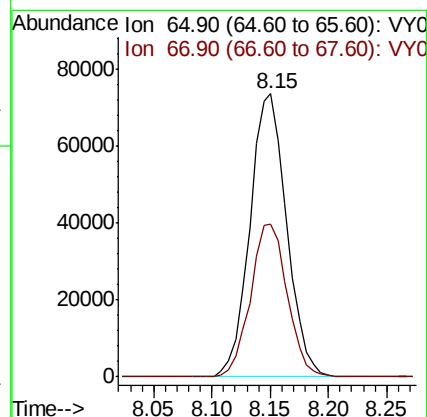
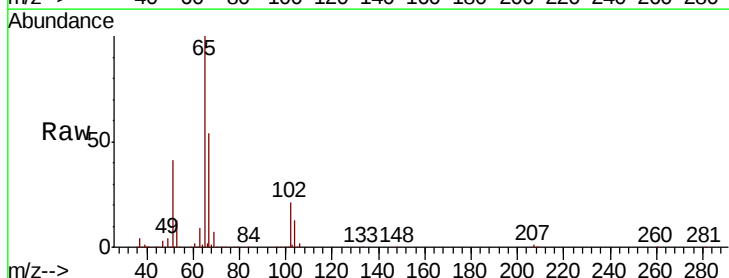
Instrument :
MSVOA_Y
ClientSampleId :
SB-4_11-11.5

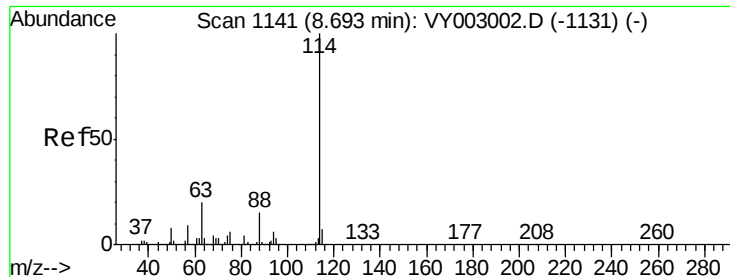
Tot Ion: 43 Resp: 13136
Ion Ratio Lower Upper
43 100
74 26.9 18.2 27.4



#33
1,2-Dichloroethane-d4
Concen: 53.312 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003096.D
Acq: 02 Jul 2020 19:34

Tgt Ion: 65 Resp: 161596
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.6

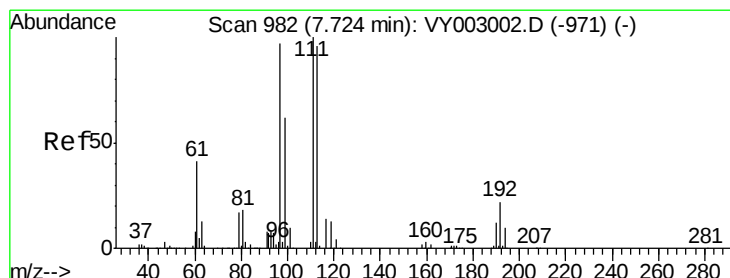
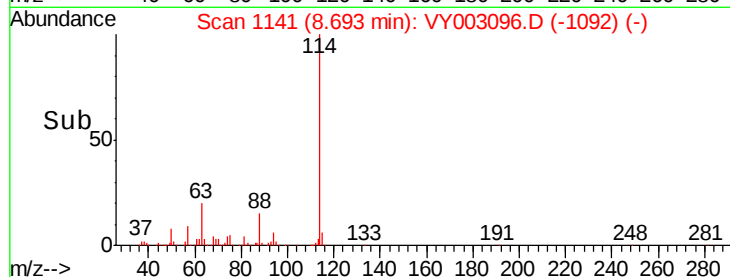
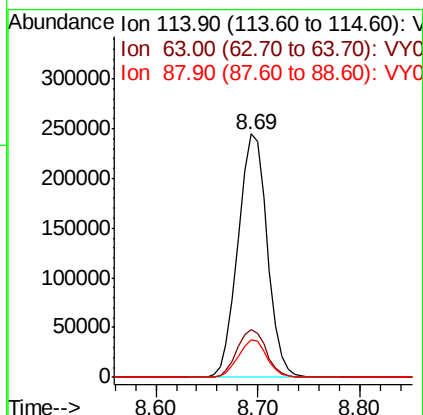
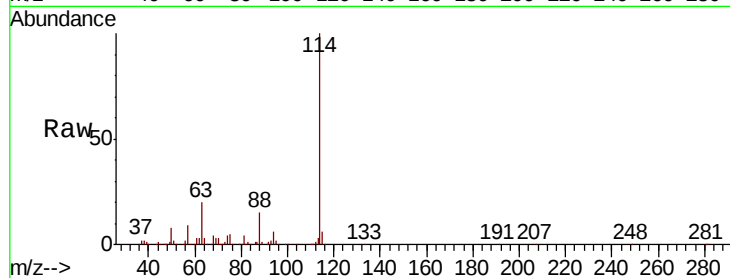




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003096.D
 Acq: 02 Jul 2020 19:34

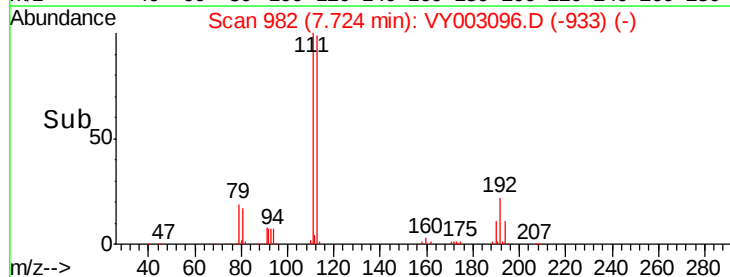
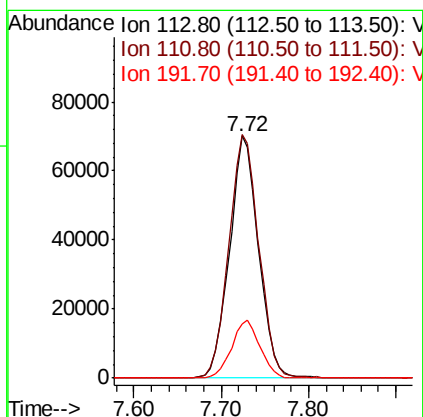
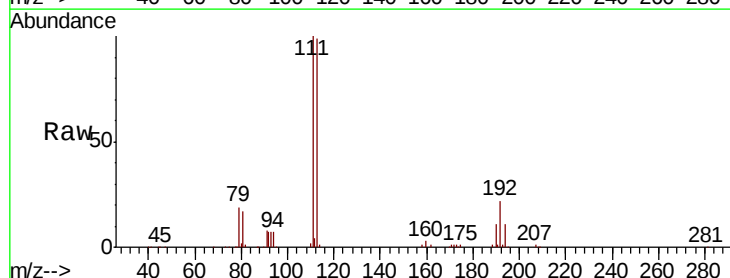
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4_11-11.5

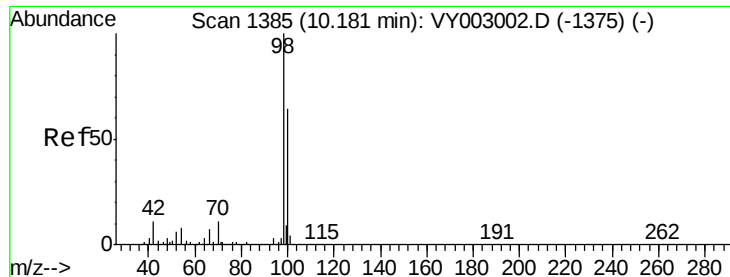
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.6
88	15.2	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 53.238 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003096.D
 Acq: 02 Jul 2020 19:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	23.4	18.1	27.1





#50

Toluene-d8

Concen: 51.994 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003096.D

Acq: 02 Jul 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

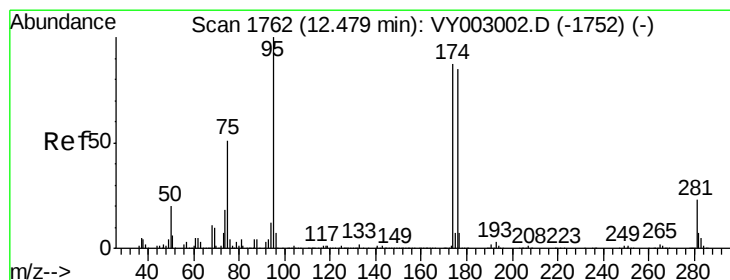
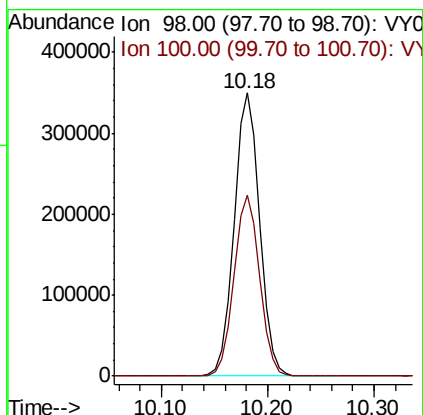
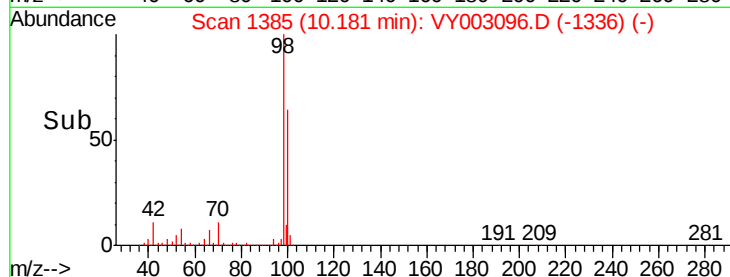
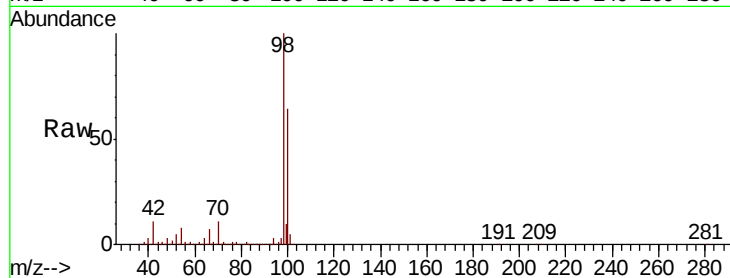
SB-4_11-11.5

Tot Ion: 98 Resp: 587510

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 51.978 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003096.D

Acq: 02 Jul 2020 19:34

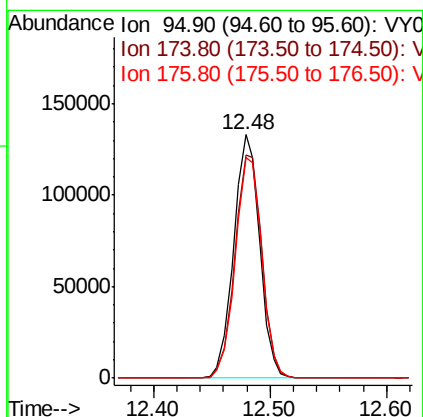
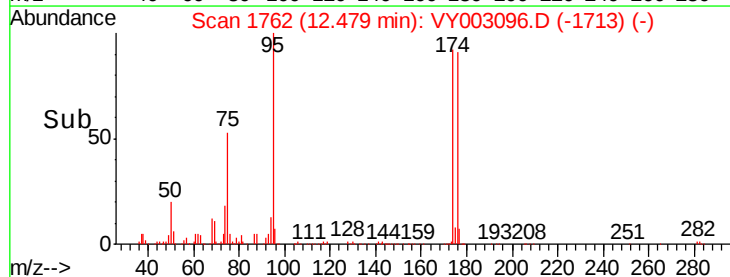
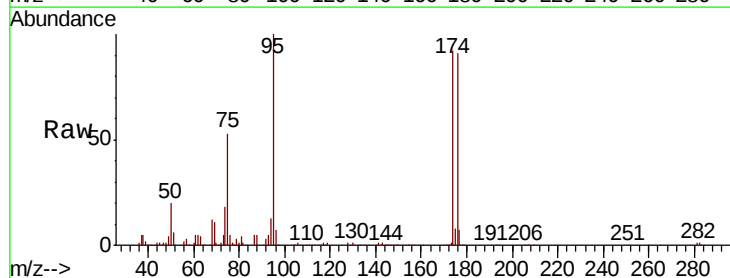
Tgt Ion: 95 Resp: 206743

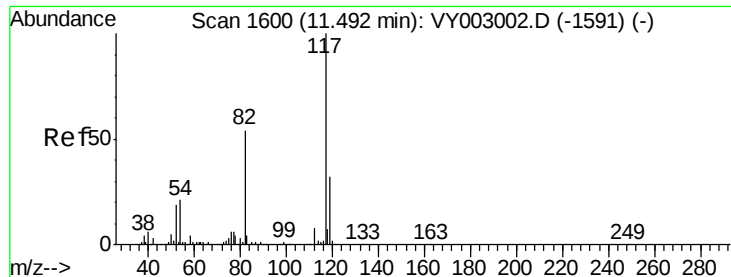
Ion Ratio Lower Upper

95 100

174 95.3 0.0 184.8

176 92.5 0.0 183.0

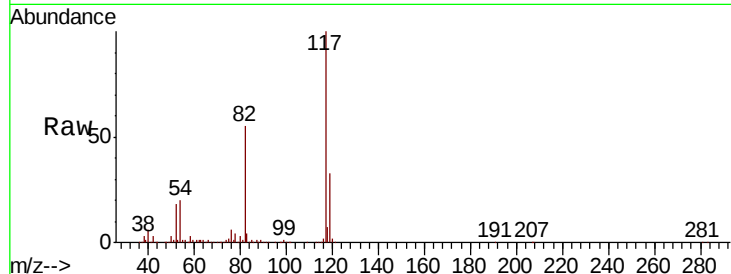




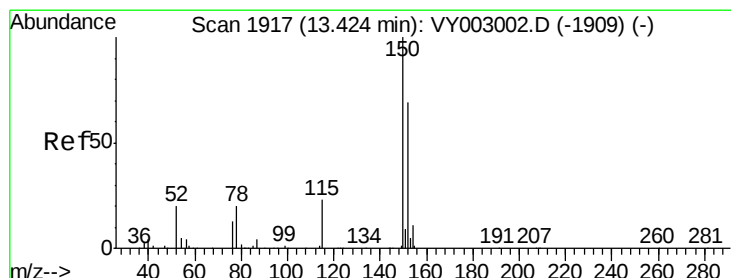
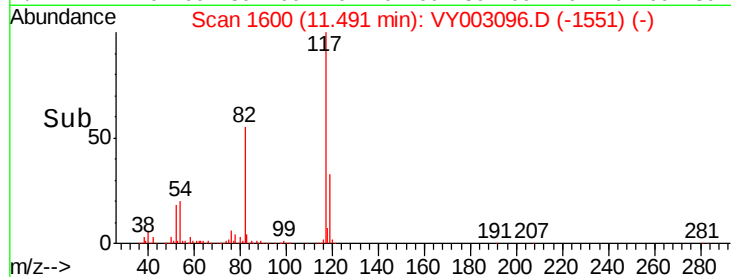
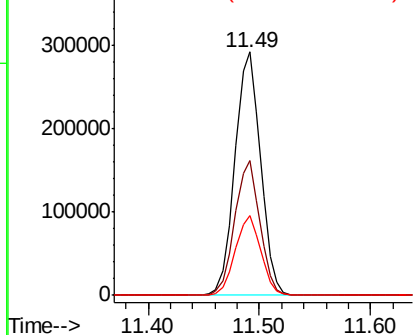
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003096.D
Acq: 02 Jul 2020 19:34

Instrument :
MSVOA_Y
ClientSampleId :
SB-4_11-11.5

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.0	64.6
119	32.7	25.8	38.8

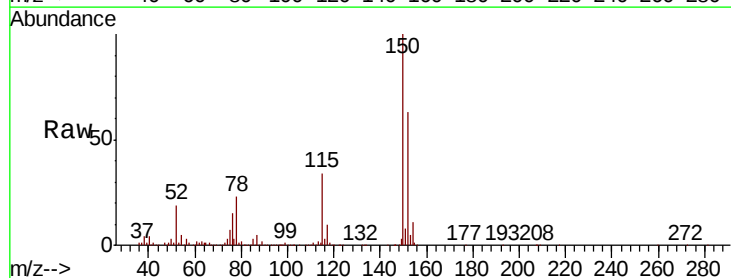


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003096.D
Acq: 02 Jul 2020 19:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.3	81.9
150	157.0	0.0	343.4



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

