

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001311.D
 Acq On : 20 Jan 2020 21:05
 Operator : SY/MD
 Sample : L1205-04
 Misc : 10.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-7

Quant Time: Jan 21 08:16:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

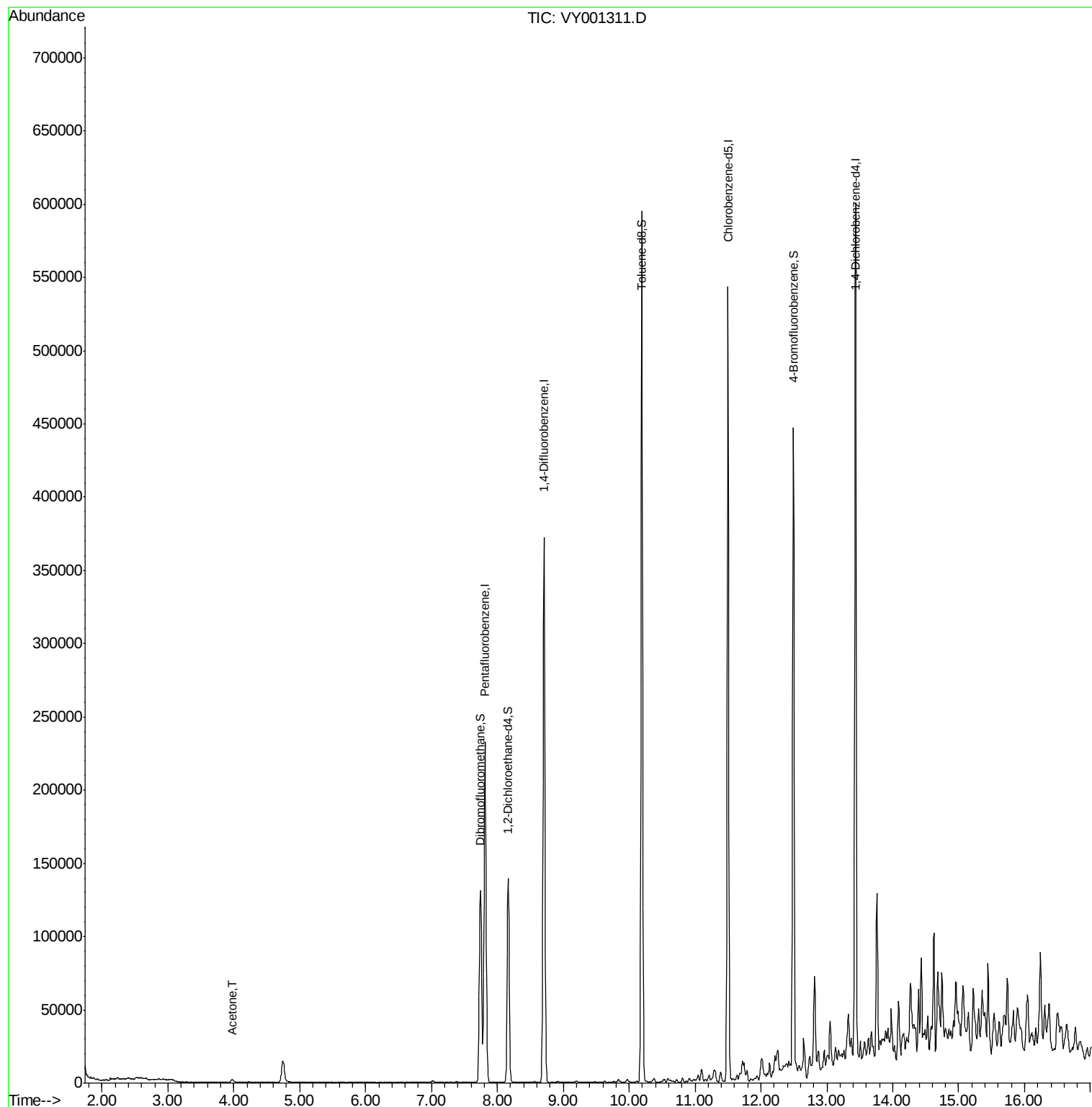
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	180309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	326560	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	304082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	139769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	104327	54.78	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	109.56%	
35) Dibromofluoromethane	7.74	113	95556	49.98	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	10.19	98	384129	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.49	95	143472	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
Target Compounds						
16) Acetone	3.97	43	3726	8.425	ug/l	Qvalue 94

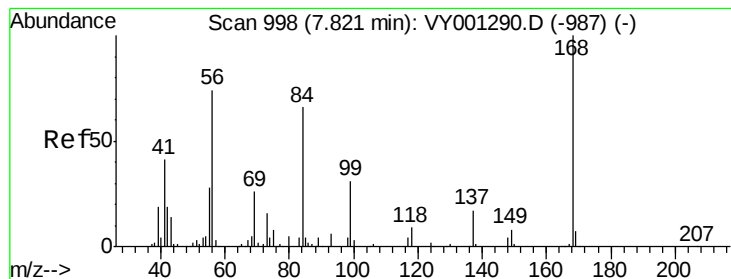
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001311.D

Acq: 20 Jan 2020 21:05

Instrument :

MSVOA_Y

ClientSampled :

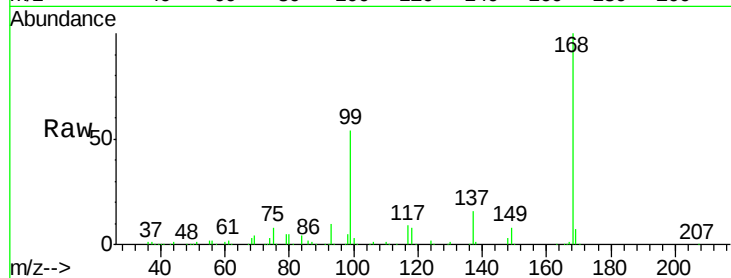
EP-7

Tot Ion:168 Resp: 180309

Ion Ratio Lower Upper

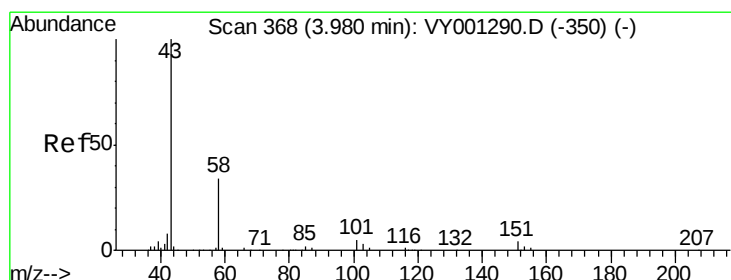
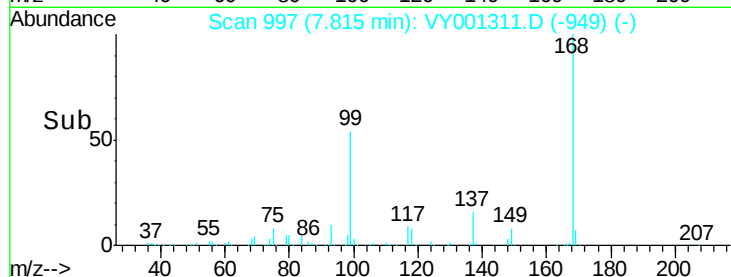
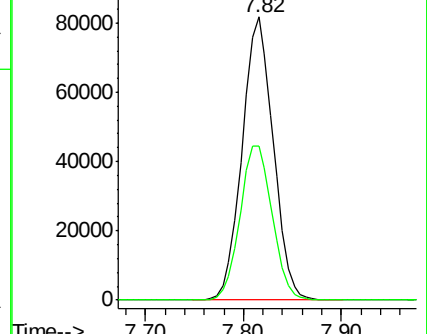
168 100

99 54.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001290.D (-987) (-)



#16

Acetone

Concen: 8.425 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001311.D

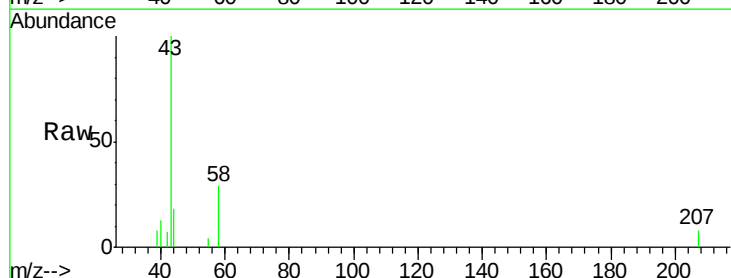
Acq: 20 Jan 2020 21:05

Tgt Ion: 43 Resp: 3726

Ion Ratio Lower Upper

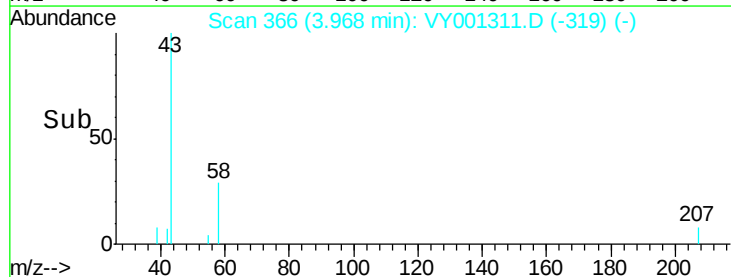
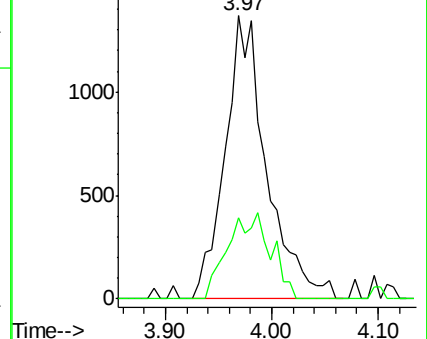
43 100

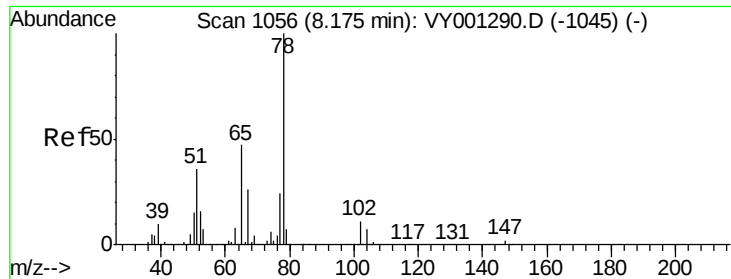
58 28.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001290.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY001290.D (-350) (-)





#33

1,2-Dichloroethane-d4

Concen: 54.783 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001311.D

Acq: 20 Jan 2020 21:05

Instrument :

MSVOA_Y

ClientSampled :

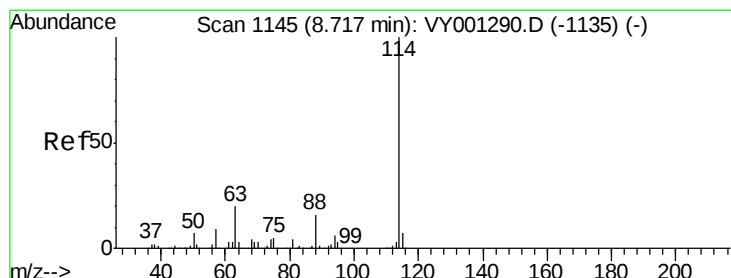
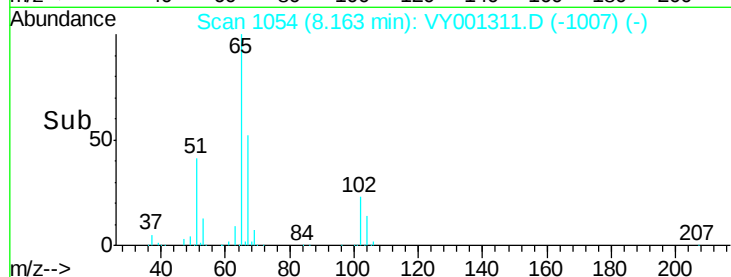
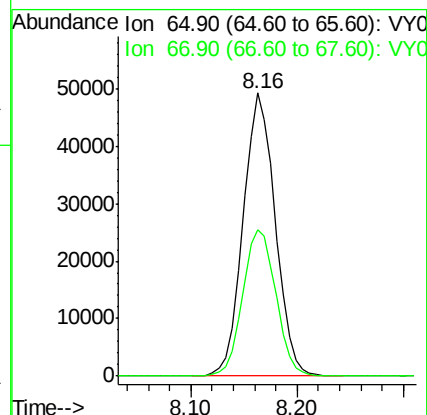
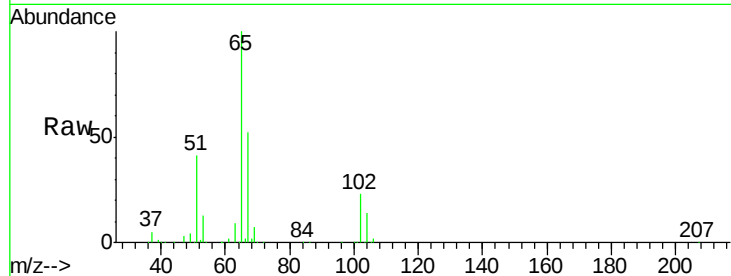
EP-7

Tot Ion: 65 Resp: 104327

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001311.D

Acq: 20 Jan 2020 21:05

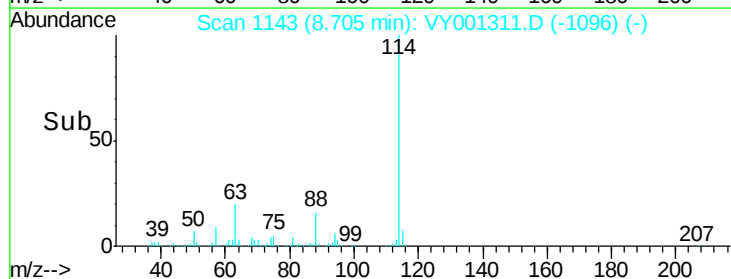
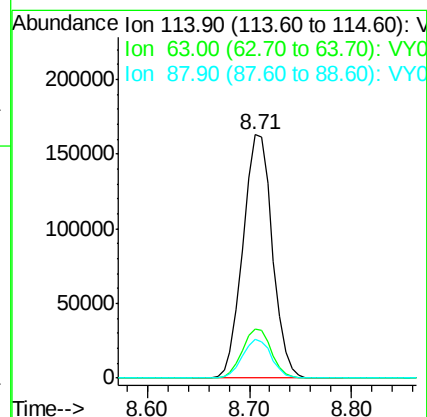
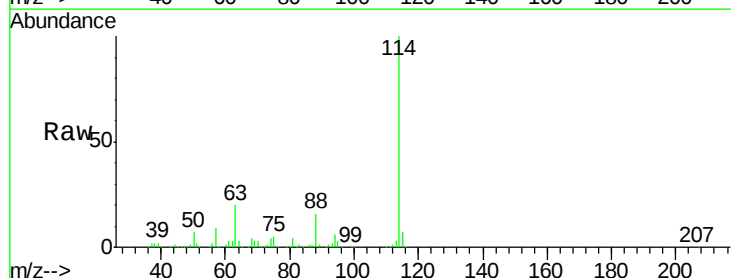
Tgt Ion: 114 Resp: 326560

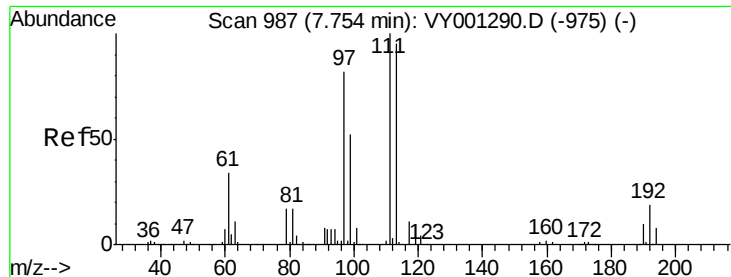
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 15.9 0.0 32.4

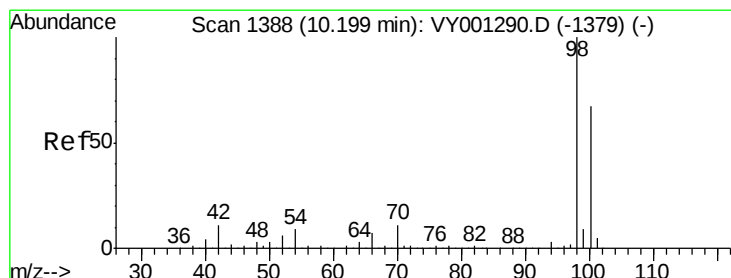
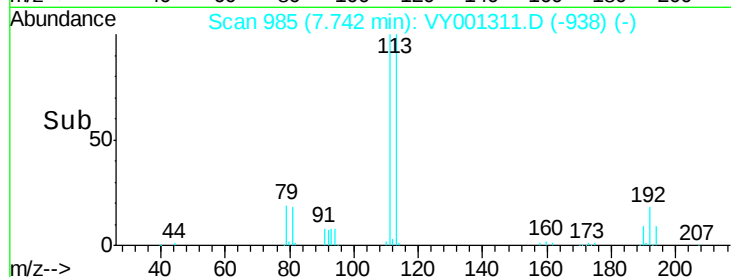
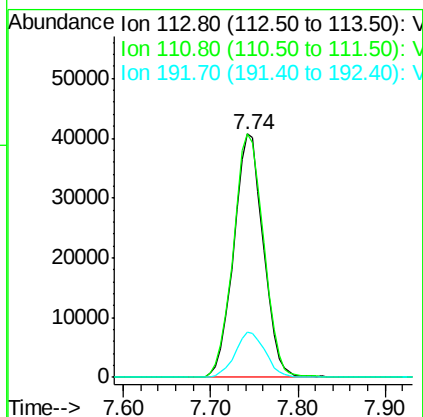
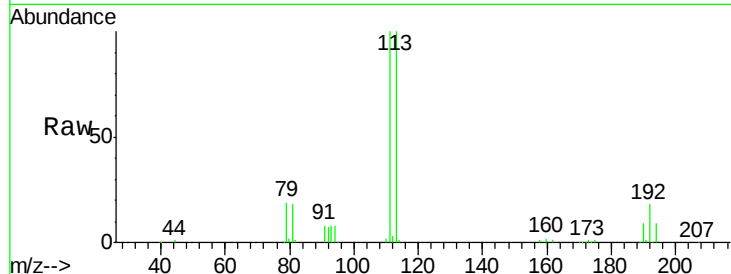




#35
 Dibromofluoromethane
 Concen: 49.977 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001311.D
 Acq: 20 Jan 2020 21:05

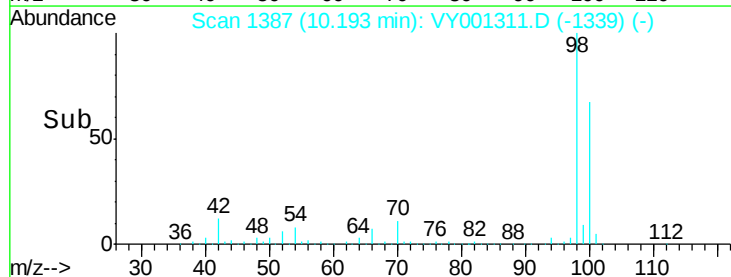
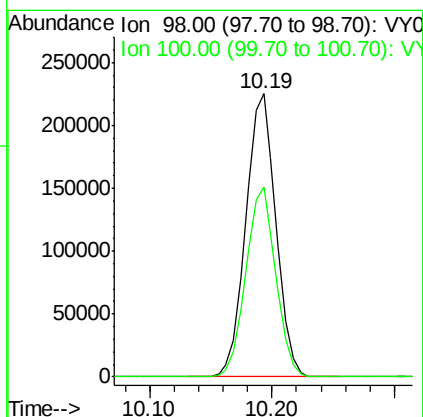
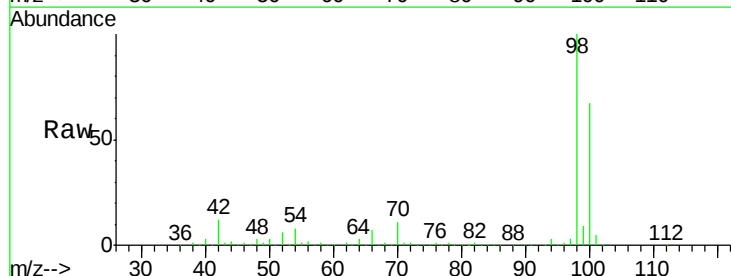
Instrument :
 MSVOA_Y
 ClientSampled :
 EP-7

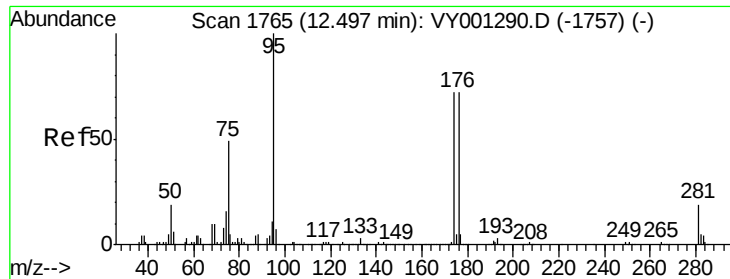
Tot Ion:113 Resp: 95556
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 18.9 15.4 23.2



#50
 Toluene-d8
 Concen: 52.140 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VY001311.D
 Acq: 20 Jan 2020 21:05

Tgt Ion: 98 Resp: 384129
 Ion Ratio Lower Upper
 98 100
 100 66.5 53.1 79.7

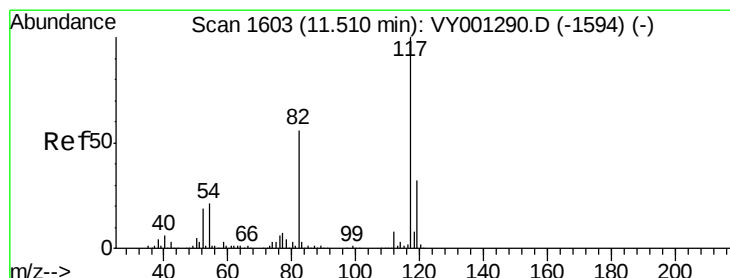
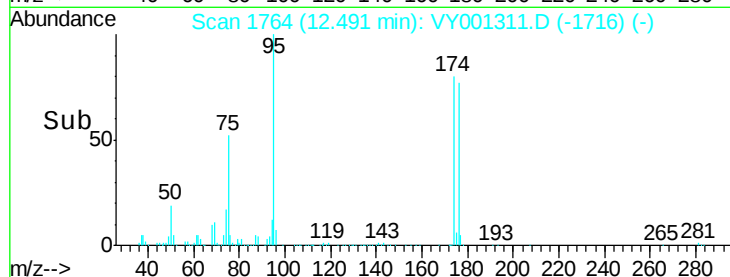
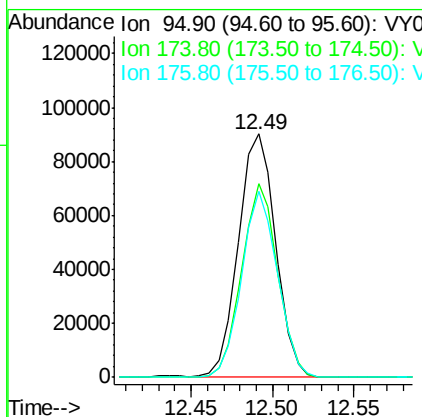
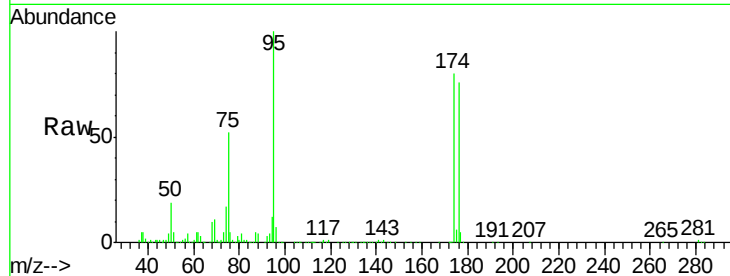




#62
4-Bromofluorobenzene
Concen: 47.634 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.01 min
Lab File: VY001311.D
Acq: 20 Jan 2020 21:05

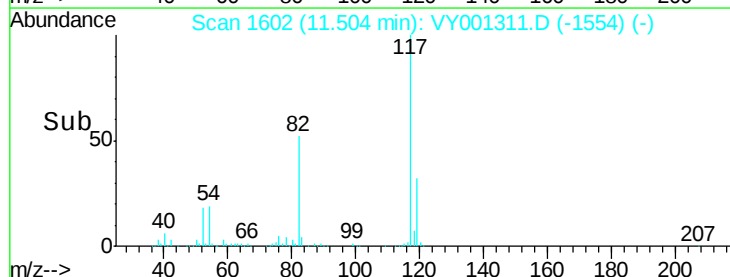
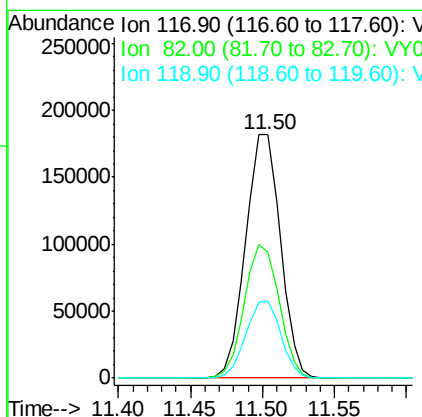
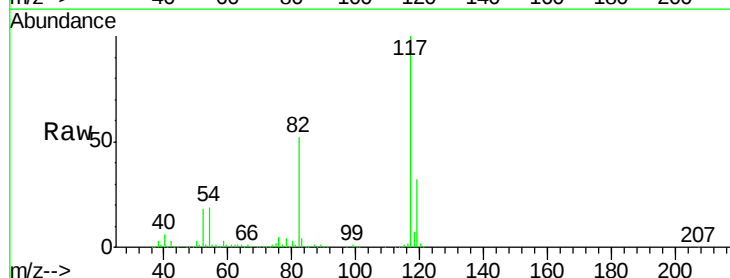
Instrument :
MSVOA_Y
ClientSampleId :
EP-7

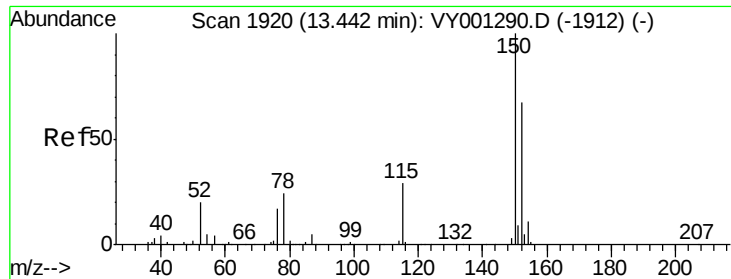
Tot Ion: 95 Resp: 143472
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.2
176 73.9 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001311.D
Acq: 20 Jan 2020 21:05

Tgt Ion: 117 Resp: 304082
Ion Ratio Lower Upper
117 100
82 51.6 44.9 67.3
119 31.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VY001311.D

Acq: 20 Jan 2020 21:05

Instrument :

MSVOA_Y

ClientSampleId :

EP-7

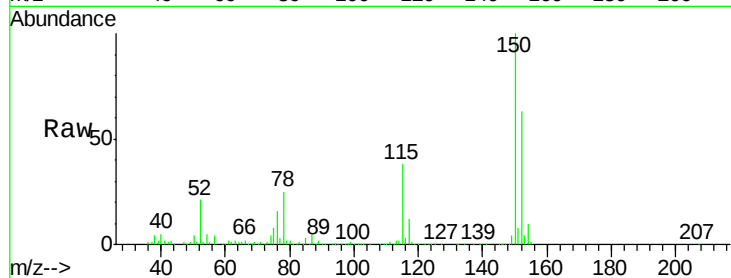
Tot Ion:152 Resp: 139769

Ion Ratio Lower Upper

152 100

115 60.7 30.9 92.5

150 160.9 0.0 346.8



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

