

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121719\
 Data File : VY000987.D
 Acq On : 17 Dec 2019 18:25
 Operator : SY/MD
 Sample : K6357-17
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-L

Quant Time: Dec 18 05:53:03 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	7.80	168	219988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	409400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	377560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	168680	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	130982	56.03	ug/l	0.00
Spiked Amount			Recovery	=	112.06%	
35) Dibromofluoromethane	7.73	113	121753	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
50) Toluene-d8	10.18	98	489575	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.48	95	167173	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	

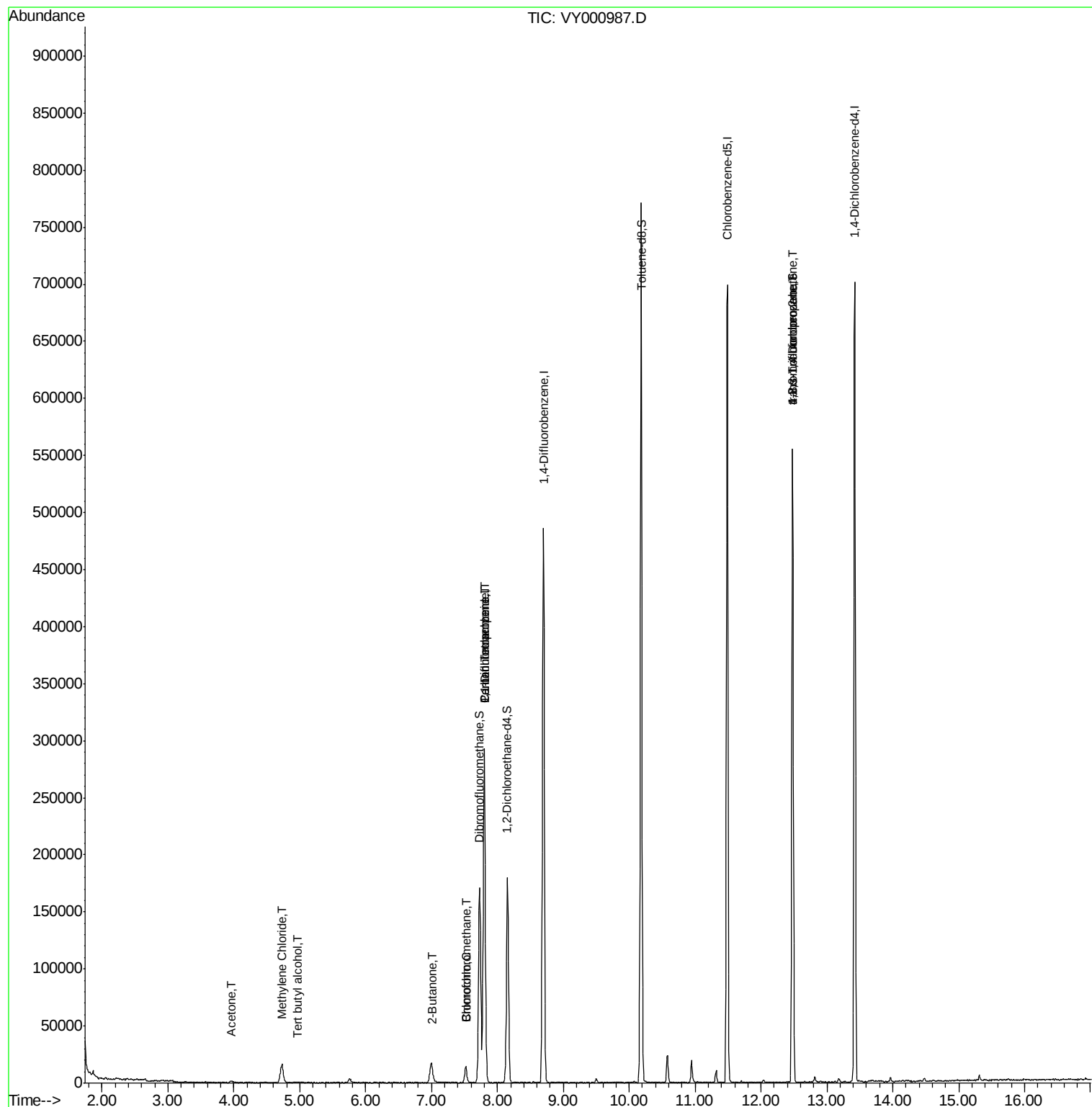
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.66	94	117	Below Cal	#	3
11) Tert butyl alcohol	4.97	59	347	1.475	ug/l #	74
16) Acetone	3.96	43	2808	5.237	ug/l #	84
20) Methylene Chloride	4.73	84	11954	4.229	ug/l #	92
25) 2-Butanone	7.02	43	1319	1.332	ug/l #	49
28) Bromochloromethane	7.53	49	1280	2.731	ug/l #	15
30) Chloroform	7.52	83	13422	2.856	ug/l	93
36) 1,1-Dichloropropene	7.80	75	17734	4.357	ug/l #	50
38) Carbon Tetrachloride	7.80	117	21585	5.954	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	85248	44.606	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	85248	87.619	ug/l #	17

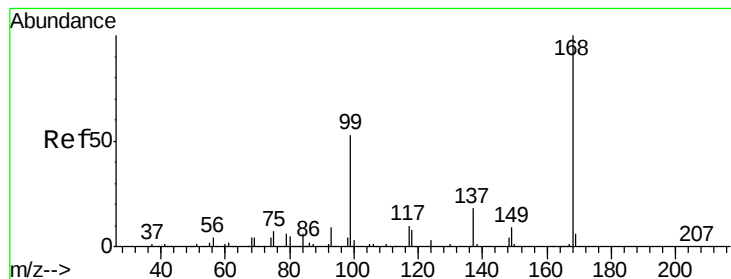
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY121719\
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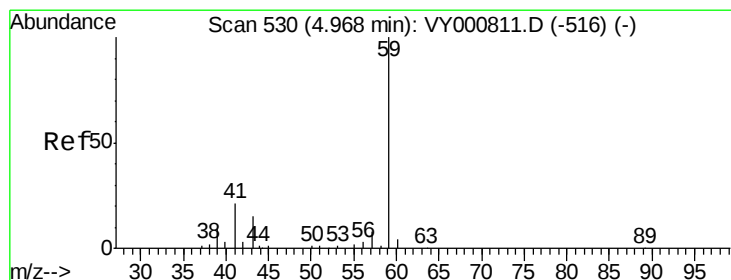
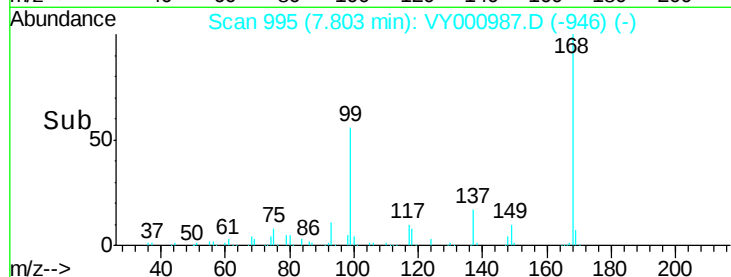
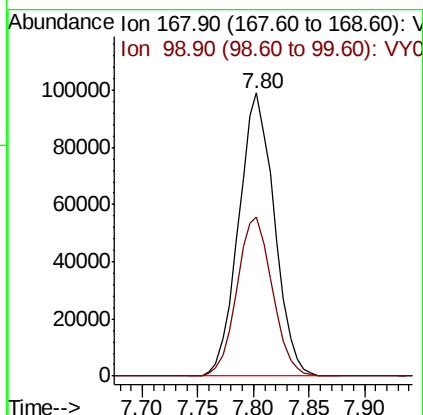
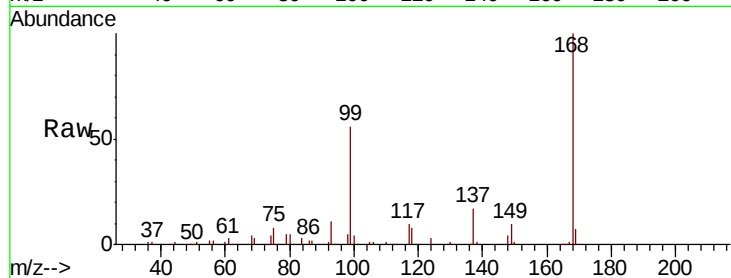


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VY000987.D
 Acq: 17 Dec 2019 18:25

Instrument :
 MSVOA_Y
 ClientSampled :
 PF-L

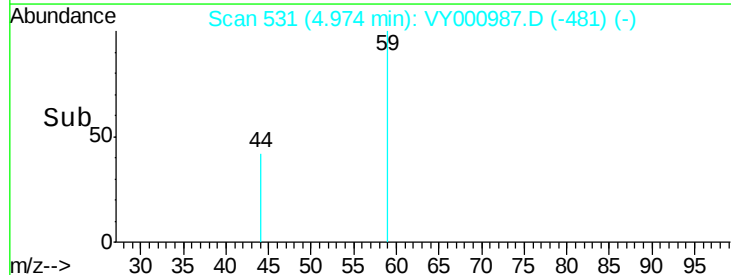
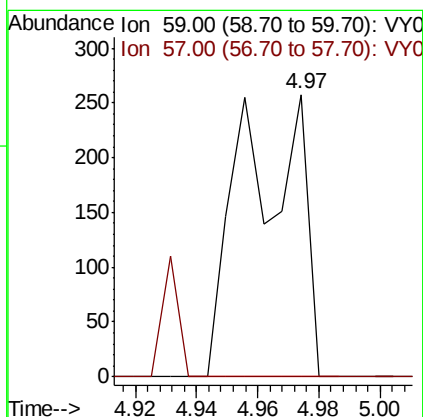
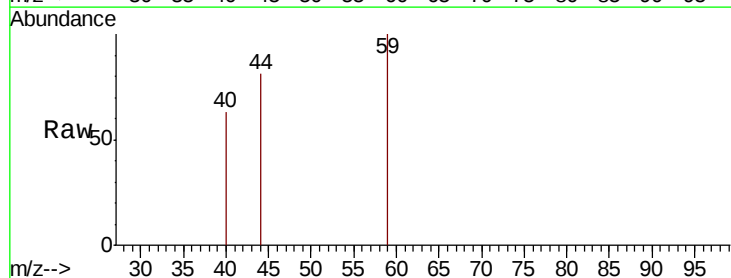
Tgt Ion: 168 Resp: 219988
 Ion Ratio Lower Upper
 168 100
 99 56.4 45.0 67.6

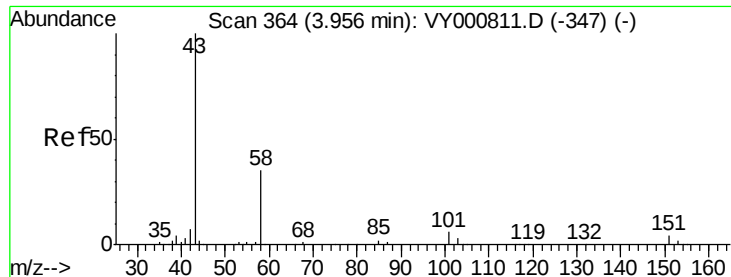


#11

Tert butyl alcohol
 Concen: 1.475 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000987.D
 Acq: 17 Dec 2019 18:25

Tgt Ion: 59 Resp: 347
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#





#16

Acetone

Concen: 5.237 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000987.D

Acq: 17 Dec 2019 18:25

Instrument :

MSVOA_Y

ClientSampleId :

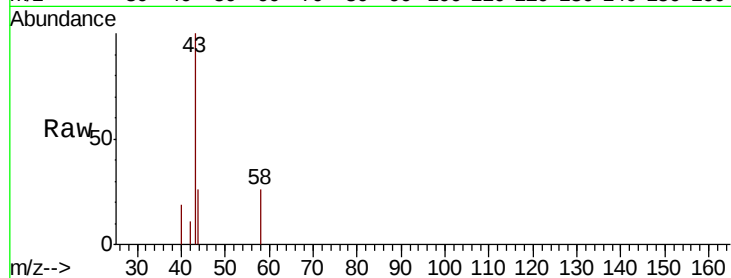
PF-L

Tgt Ion: 43 Resp: 2808

Ion Ratio Lower Upper

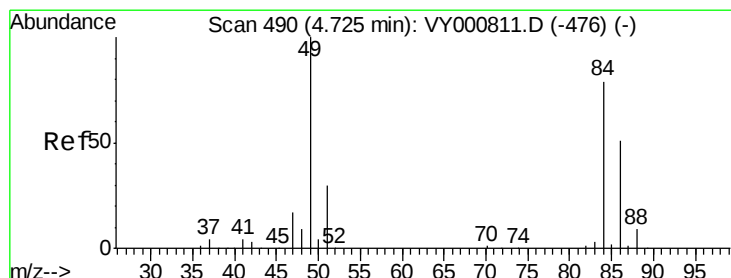
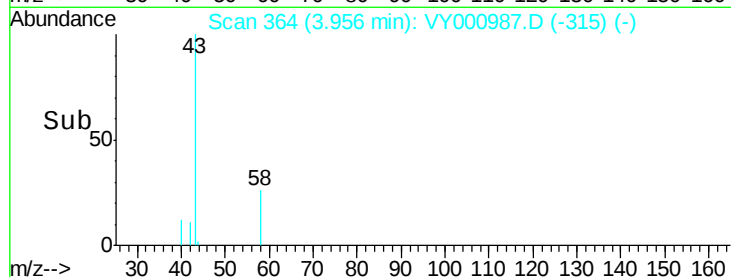
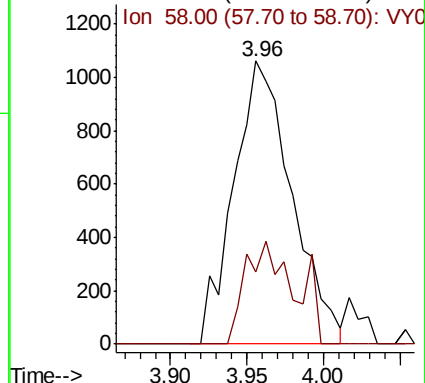
43 100

58 25.6 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000987.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000987.D (-315) (-)



#20

Methylene Chloride

Concen: 4.229 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY000987.D

Acq: 17 Dec 2019 18:25

Tgt Ion: 84 Resp: 11954

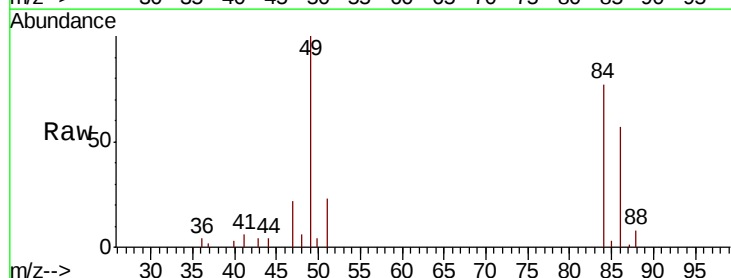
Ion Ratio Lower Upper

84 100

49 130.6 101.3 151.9

51 30.2 30.6 45.8#

86 74.1 51.3 76.9

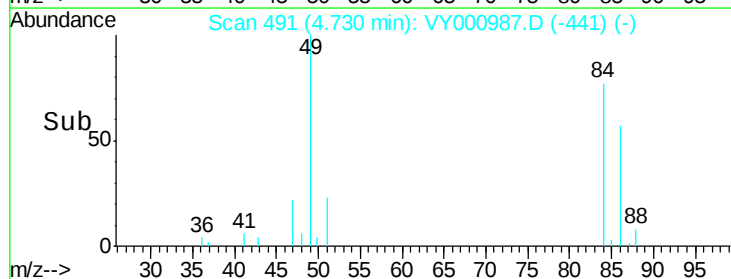
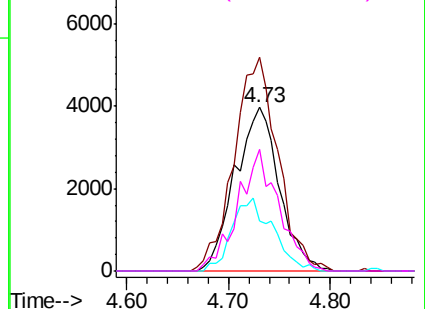


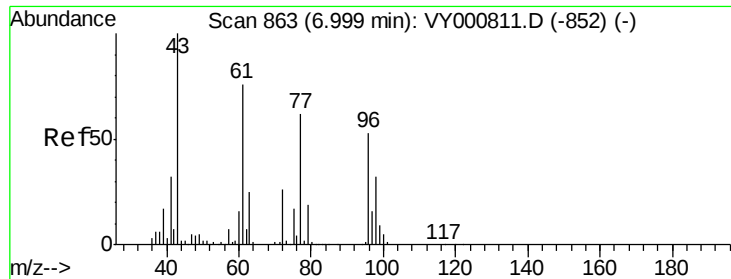
Abundance Ion 83.90 (83.60 to 84.60): VY000987.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY000987.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY000987.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY000987.D (-441) (-)





#25

2-Butanone

Concen: 1.332 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.02 min

Lab File: VY000987.D

Acq: 17 Dec 2019 18:25

Instrument :

MSVOA_Y

ClientSampled :

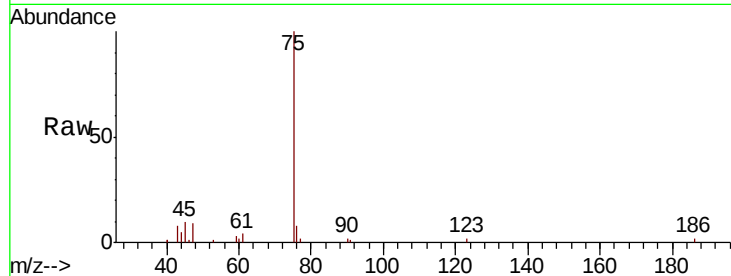
PF-L

Tgt Ion: 43 Resp: 1319

Ion Ratio Lower Upper

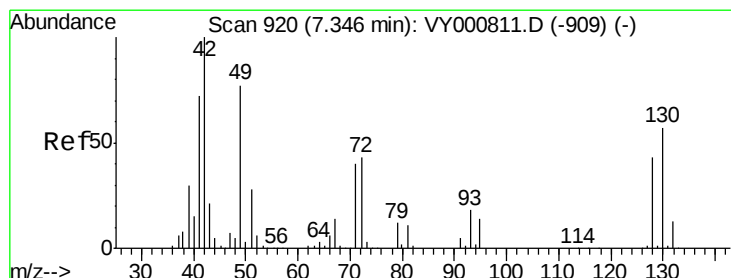
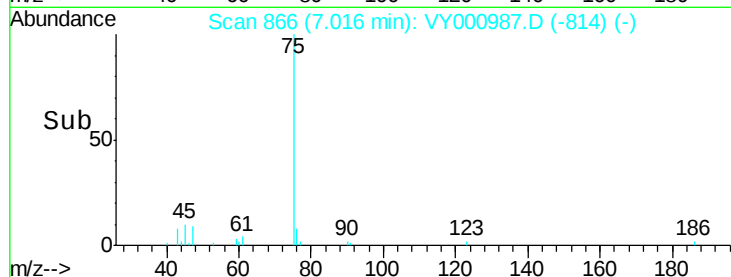
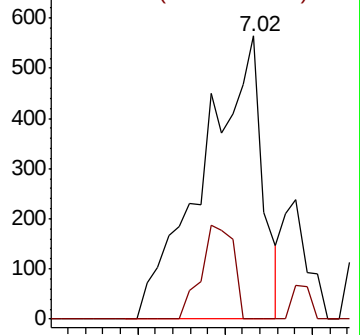
43 100

72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#28

Bromochloromethane

Concen: 2.731 ug/l

RT: 7.53 min Scan# 950

Delta R.T. 0.18 min

Lab File: VY000987.D

Acq: 17 Dec 2019 18:25

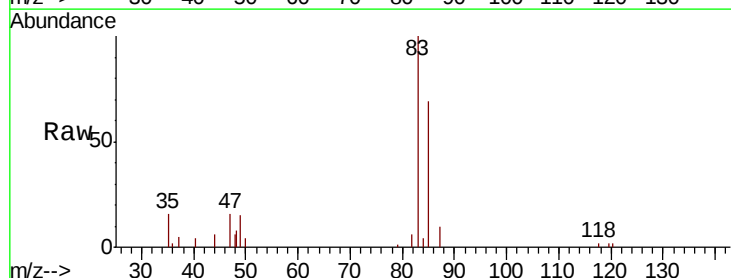
Tgt Ion: 49 Resp: 1280

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

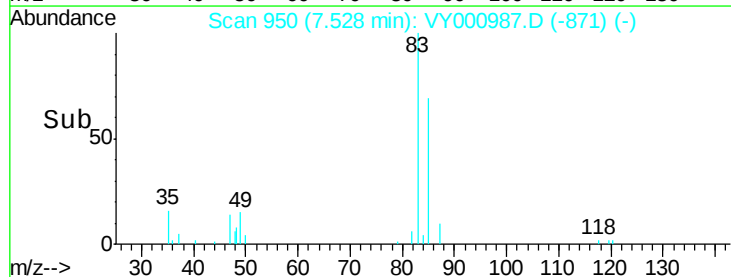
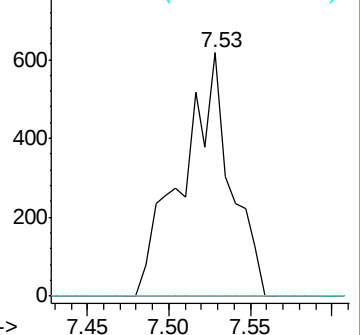
130 0.0 58.7 88.1#

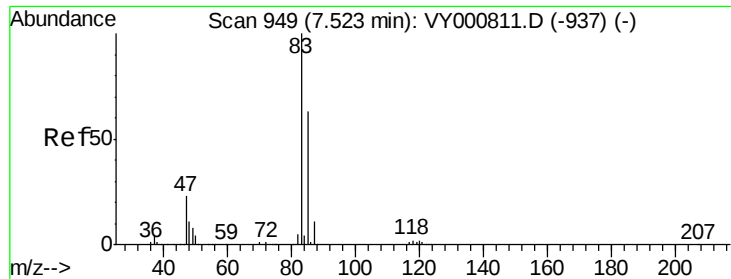


Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

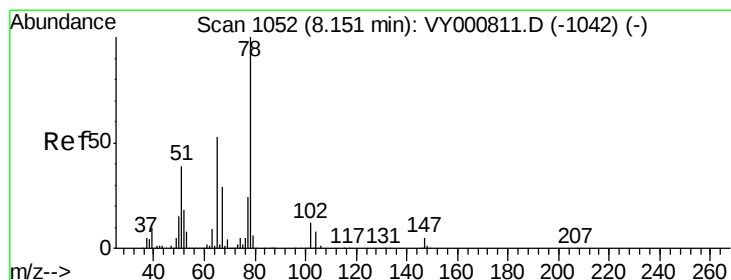
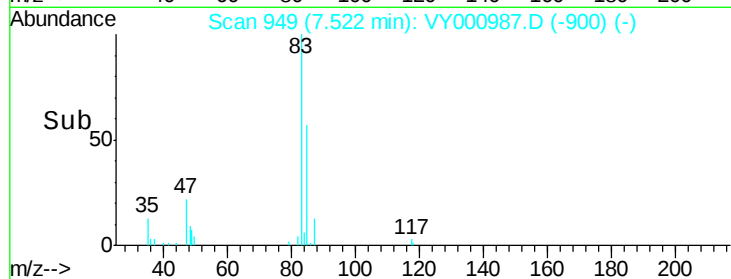
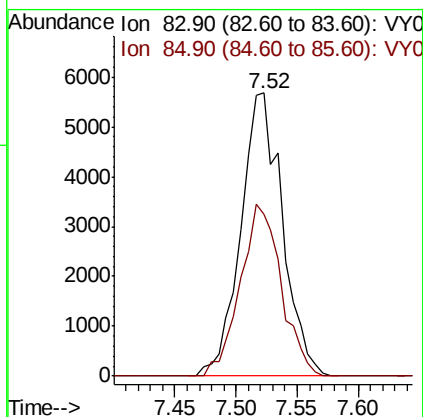
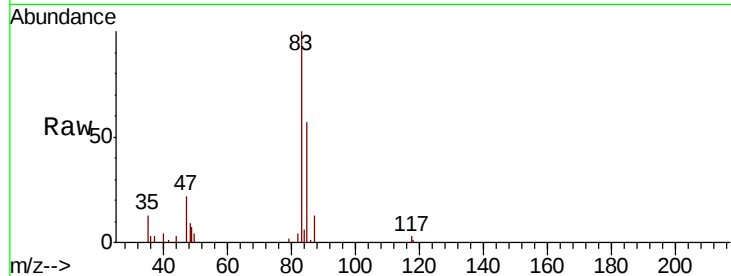




#30
Chloroform
Concen: 2.856 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000987.D
Acq: 17 Dec 2019 18:25

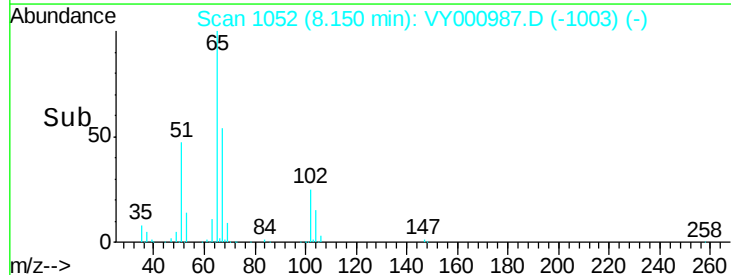
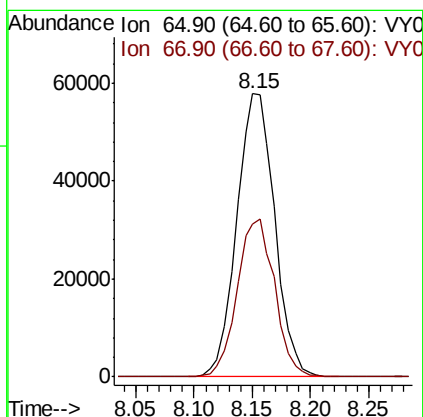
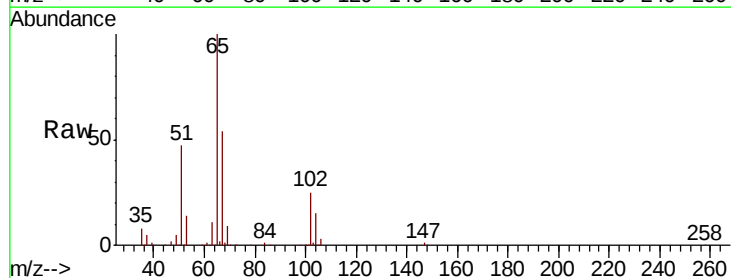
Instrument :
MSVOA_Y
ClientSampled :
PF-L

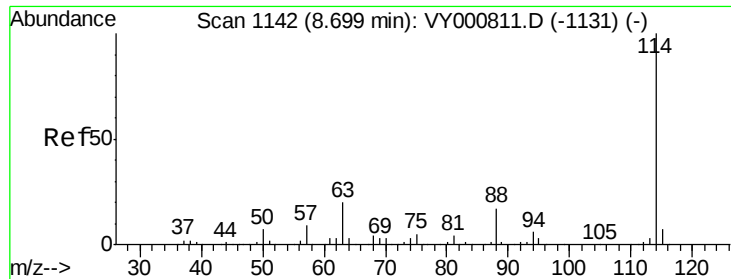
Tgt Ion: 83 Resp: 13422
Ion Ratio Lower Upper
83 100
85 57.2 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 56.034 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000987.D
Acq: 17 Dec 2019 18:25

Tgt Ion: 65 Resp: 130982
Ion Ratio Lower Upper
65 100
67 55.0 0.0 112.0

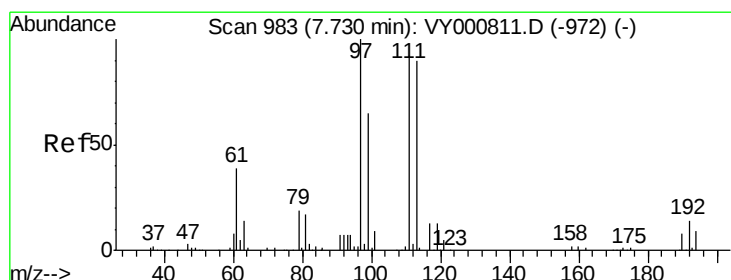
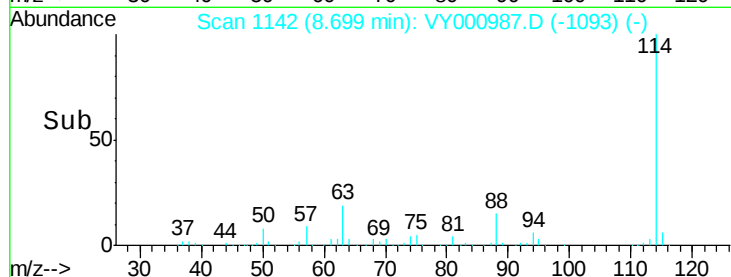
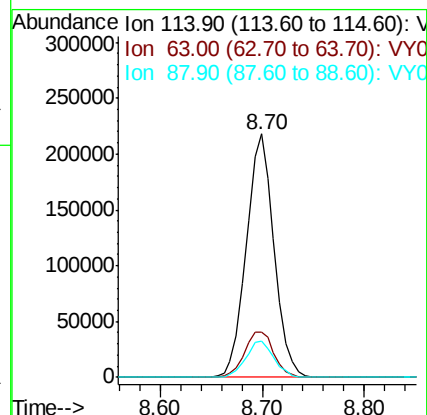
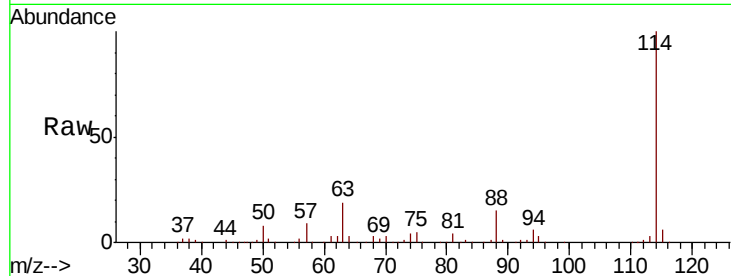




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000987.D
 Acq: 17 Dec 2019 18:25

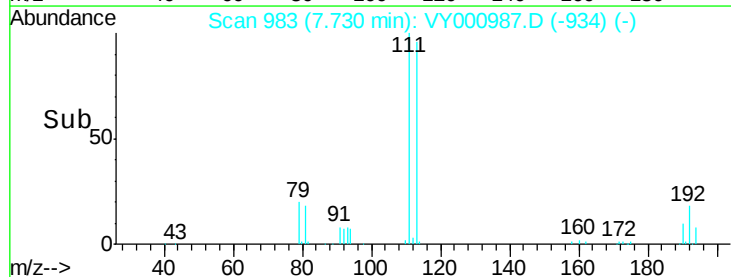
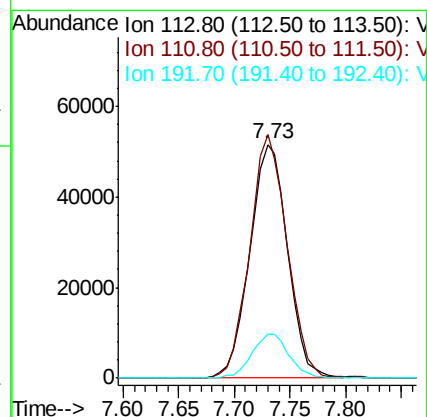
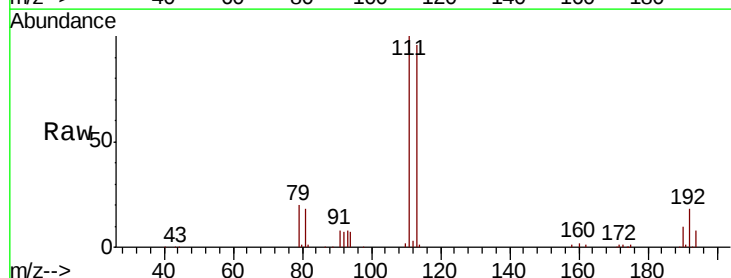
Instrument :
 MSVOA_Y
 ClientSampled :
 PF-L

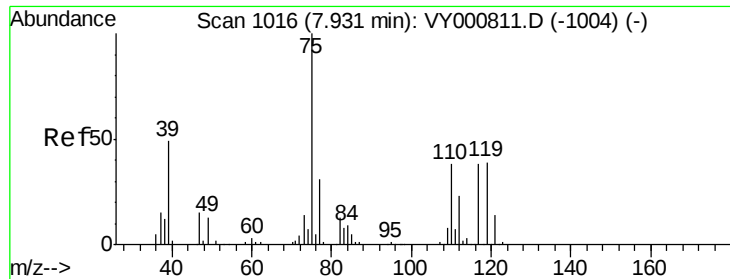
Tgt Ion:	114	Resp:	409400
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	39.8
88	14.7	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 51.028 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000987.D
 Acq: 17 Dec 2019 18:25

Tgt Ion:	113	Resp:	121753
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	18.6	14.2	21.2

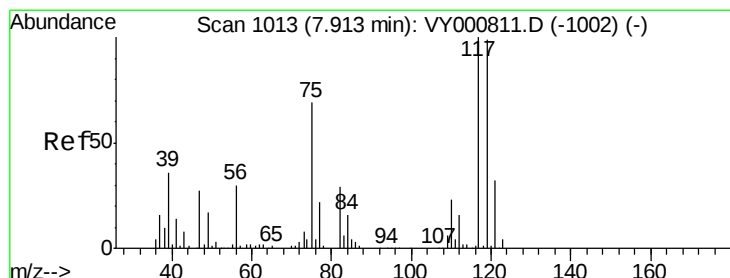
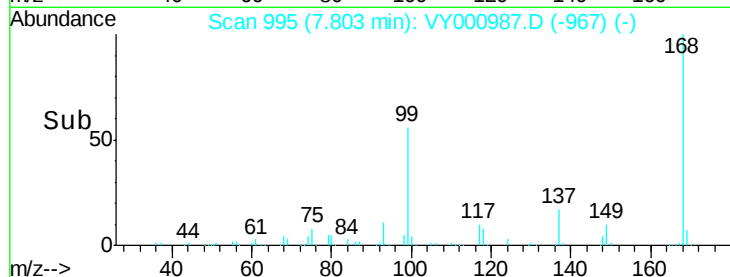
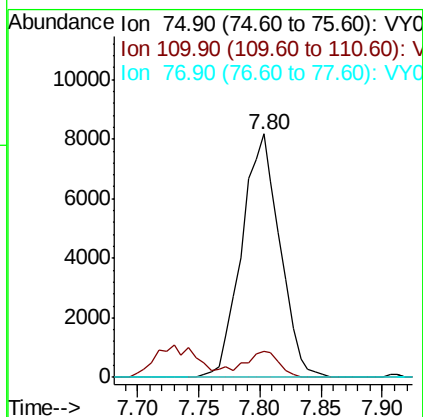
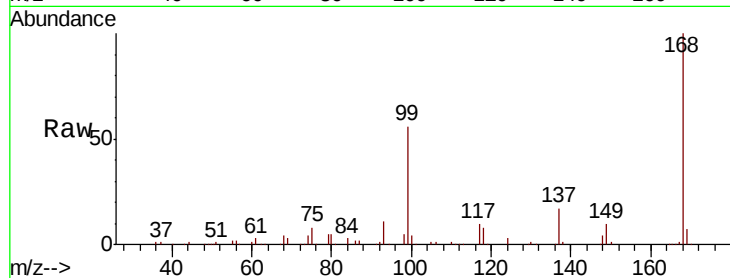




#36
 1,1-Dichloropropene
 Concen: 4.357 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000987.D
 Acq: 17 Dec 2019 18:25

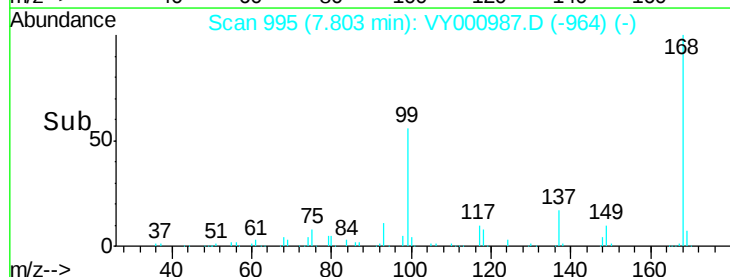
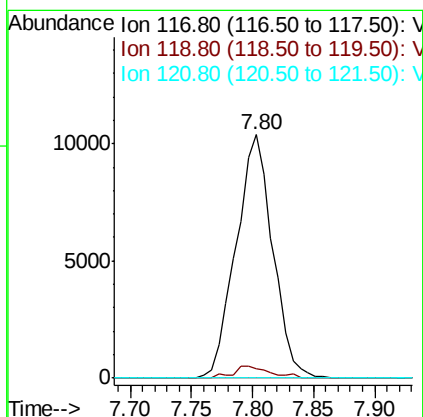
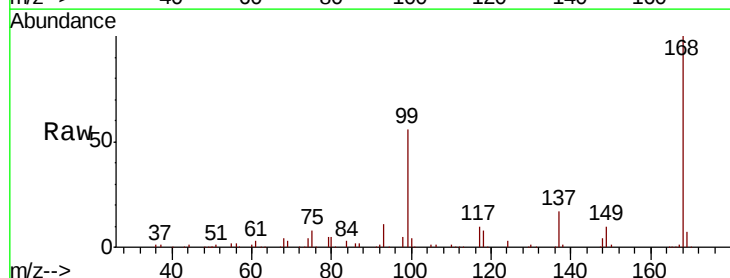
Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-L

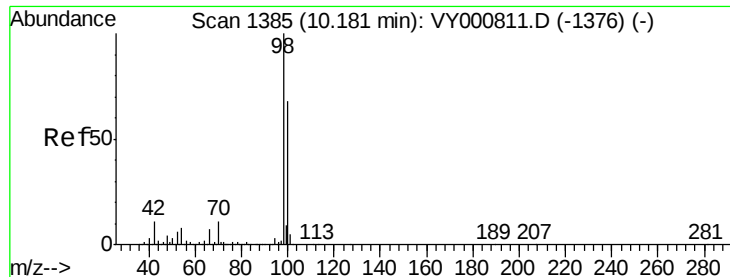
Tgt Ion: 75 Resp: 17734
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.9 53.7#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.954 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000987.D
 Acq: 17 Dec 2019 18:25

Tgt Ion: 117 Resp: 21585
 Ion Ratio Lower Upper
 117 100
 119 3.9 79.3 118.9#
 121 0.0 25.5 38.3#





#50

Toluene-d8

Concen: 51.323 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000987.D

Acq: 17 Dec 2019 18:25

Instrument :

MSVOA_Y

ClientSampleId :

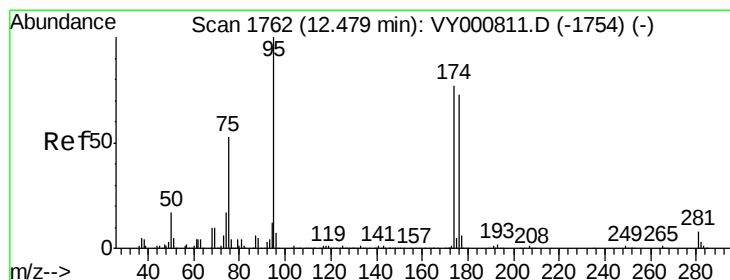
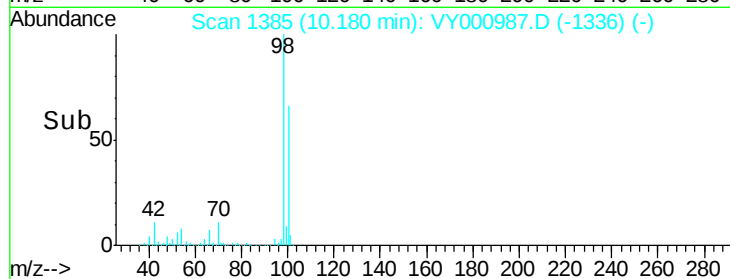
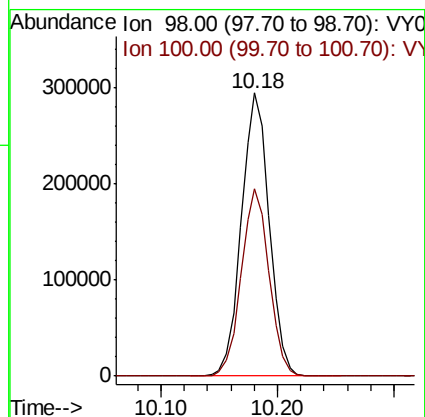
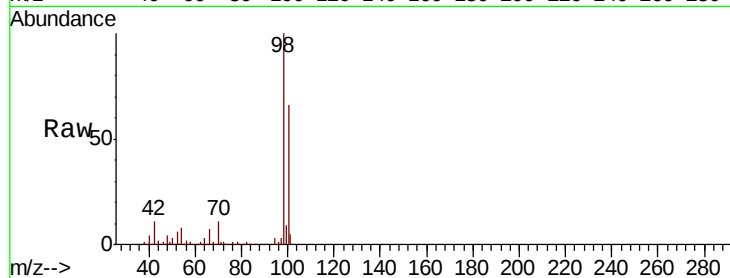
PF-L

Tgt Ion: 98 Resp: 489575

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.665 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000987.D

Acq: 17 Dec 2019 18:25

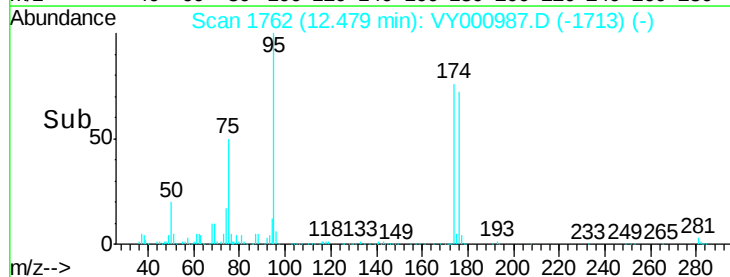
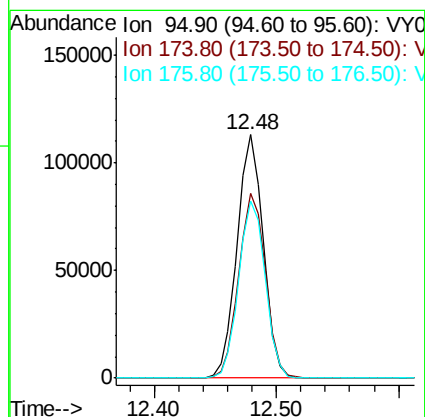
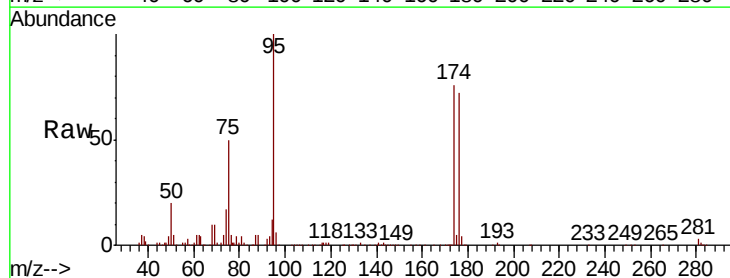
Tgt Ion: 95 Resp: 167173

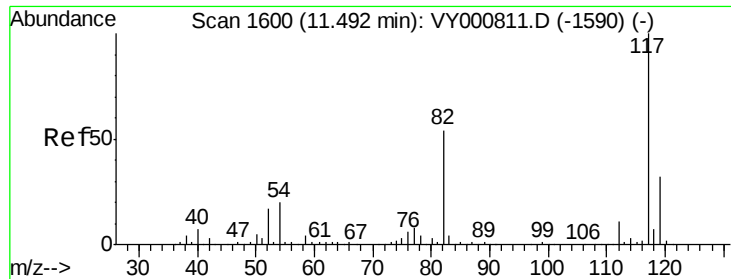
Ion Ratio Lower Upper

95 100

174 77.7 0.0 150.6

176 73.9 0.0 145.2

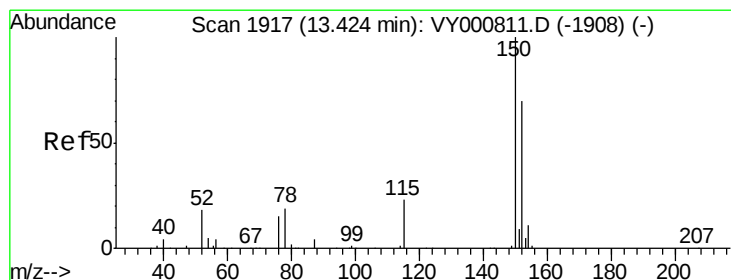
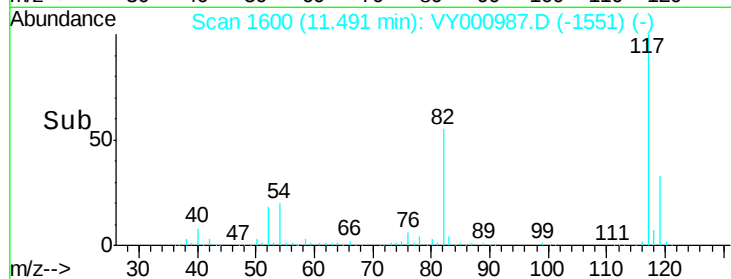
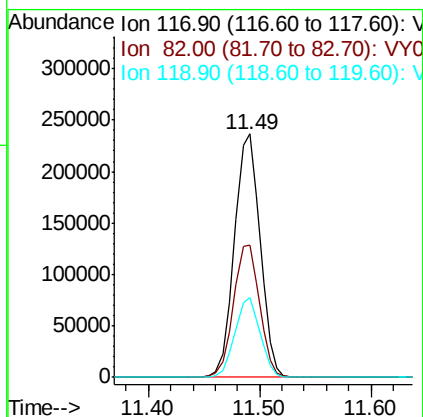
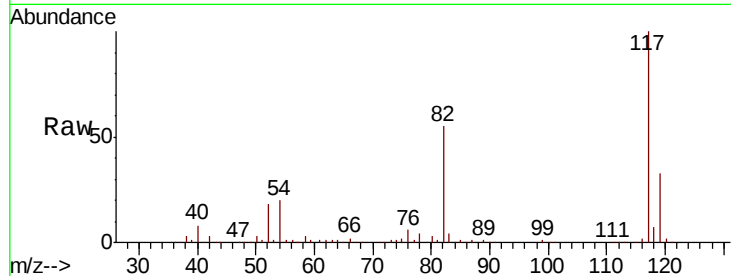




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000987.D
Acq: 17 Dec 2019 18:25

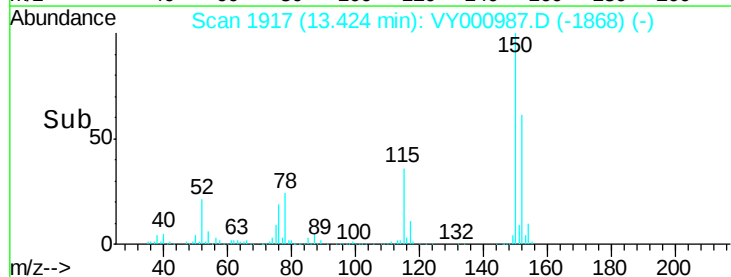
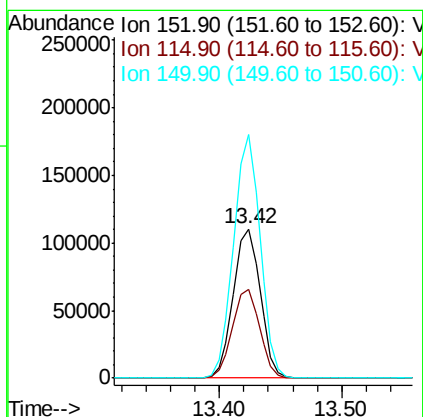
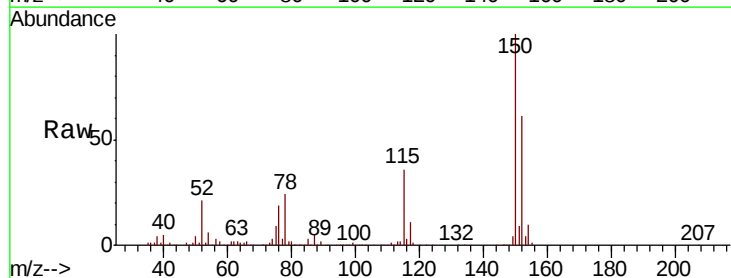
Instrument :
MSVOA_Y
ClientSampleId :
PF-L

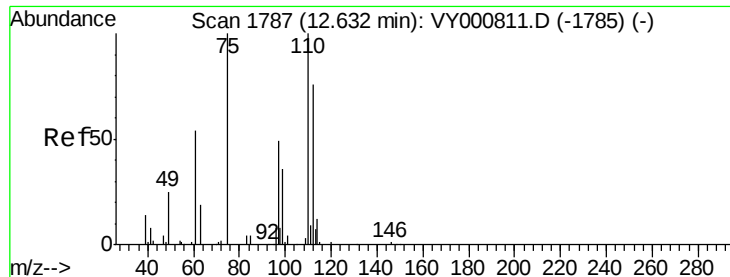
Tgt Ion:117 Resp: 377560
Ion Ratio Lower Upper
117 100
82 54.6 43.1 64.7
119 32.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000987.D
Acq: 17 Dec 2019 18:25

Tgt Ion:152 Resp: 168680
Ion Ratio Lower Upper
152 100
115 59.9 29.3 87.8
150 160.6 0.0 351.2

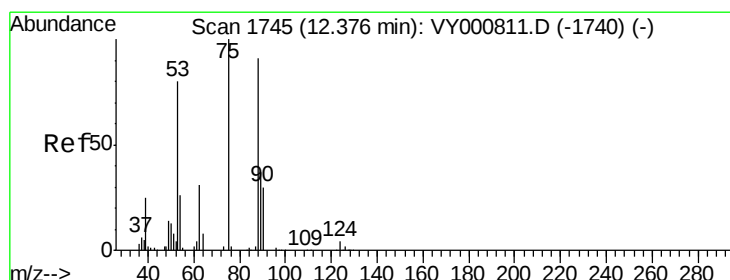
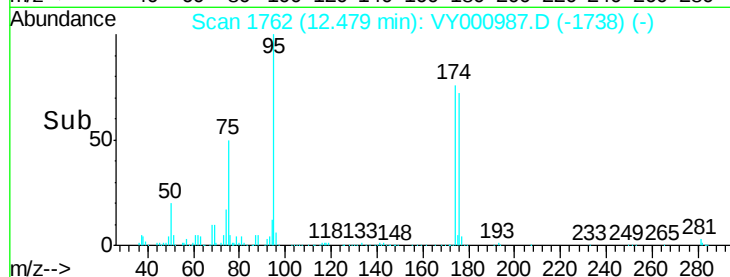
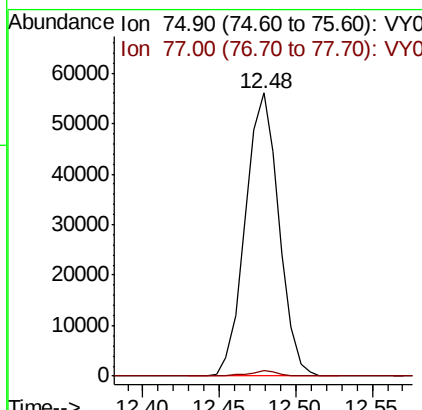
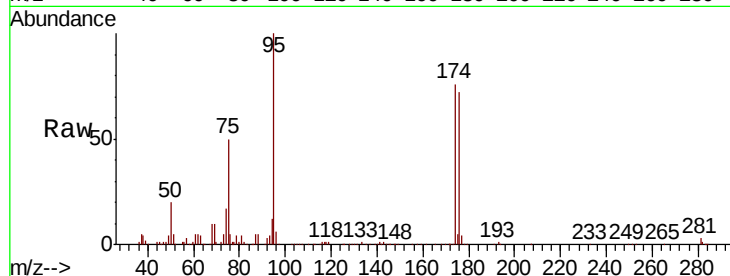




#76
 1,2,3-Trichloropropane
 Concen: 44.606 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY000987.D
 Acq: 17 Dec 2019 18:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-L

Tgt Ion: 75 Resp: 85248
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.619 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000987.D
 Acq: 17 Dec 2019 18:25

Tgt Ion: 75 Resp: 85248
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.6 96.8#
 89 0.0 33.6 50.4#

