

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
 Data File : VD060160.D
 Acq On : 9 Oct 2018 19:32
 Operator : VA/AP
 Sample : J5326-13
 Misc : 6.11g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FL-PIT-4

Quant Time: Oct 10 02:05:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

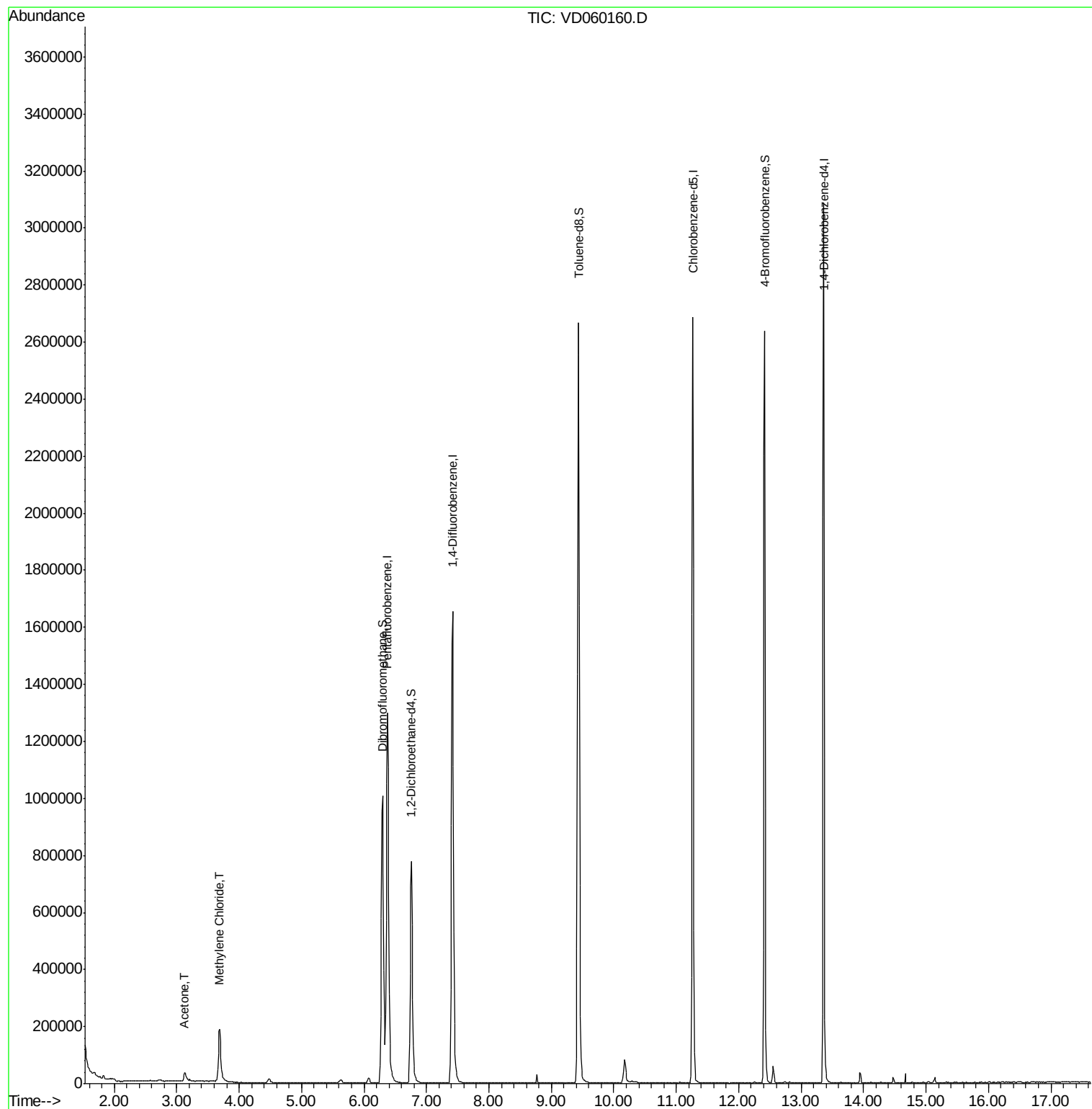
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1262960	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.42	114	1742801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1432594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	705296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	615077	64.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.50%	
35) Dibromofluoromethane	6.30	113	785061	59.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.64%	
50) Toluene-d8	9.43	98	2189176	58.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.02%	
62) 4-Bromofluorobenzene	12.42	95	771687	54.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.22%	
Target Compounds						
16) Acetone	3.13	43	55654	32.038	ug/l	92
20) Methylene Chloride	3.69	84	113881	4.407	ug/l	94

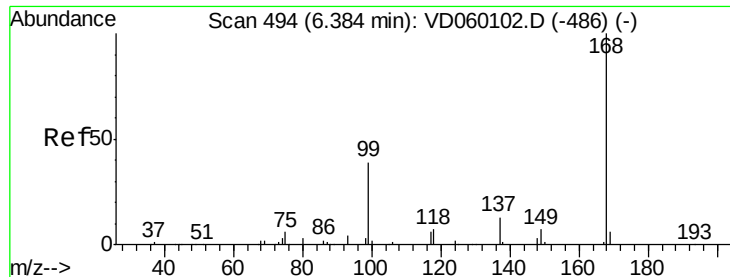
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 02 06:56:35 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 493

Delta R.T. -0.01 min

Lab File: VD060160.D

Acq: 9 Oct 2018 19:32

Instrument :

MSVOA_D

ClientSampled :

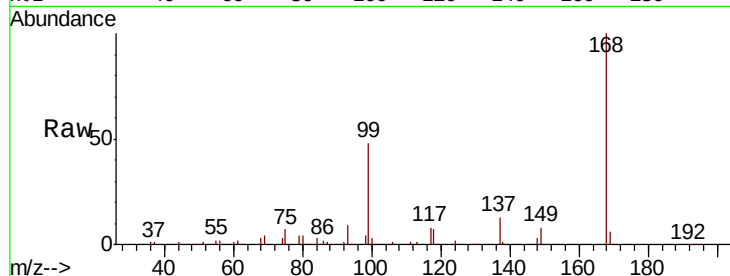
FL-PIT-4

Tot Ion:168 Resp: 1262960

Ion Ratio Lower Upper

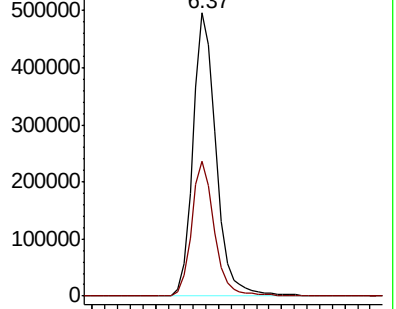
168 100

99 47.7 35.4 53.0

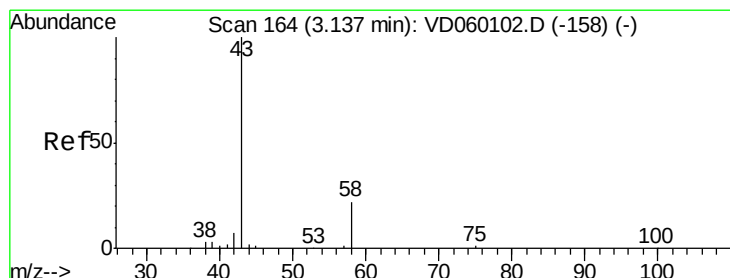
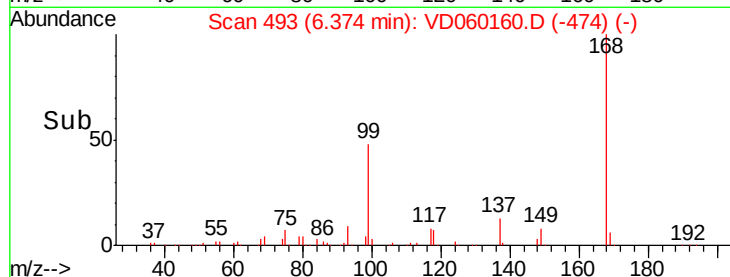


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



Time--> 6.20 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 32.038 ug/l

RT: 3.13 min Scan# 163

Delta R.T. -0.01 min

Lab File: VD060160.D

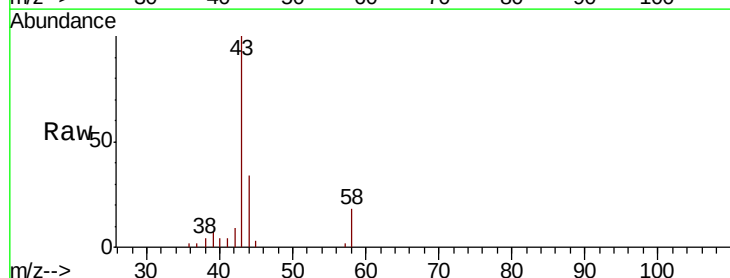
Acq: 9 Oct 2018 19:32

Tgt Ion: 43 Resp: 55654

Ion Ratio Lower Upper

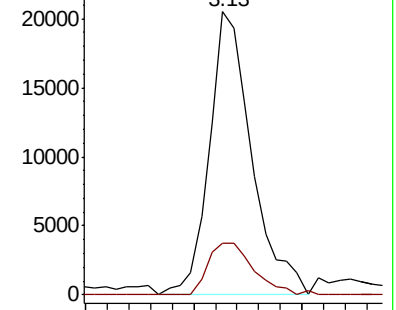
43 100

58 18.1 17.7 26.5

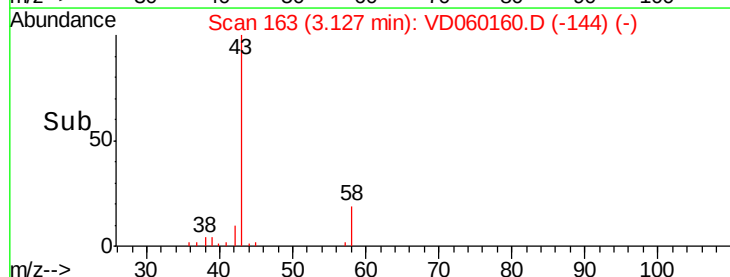


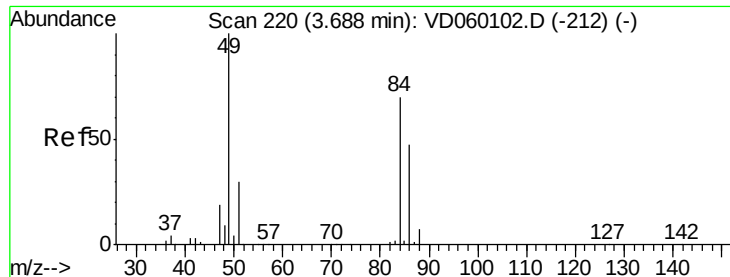
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



Time--> 3.00 3.10 3.20

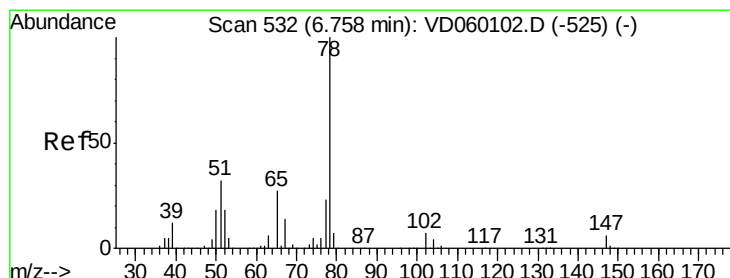
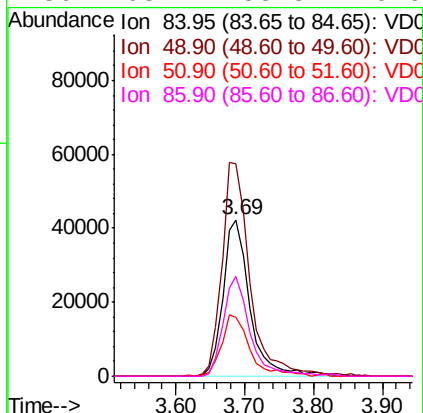
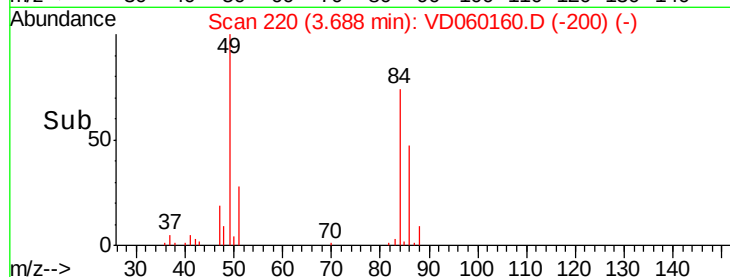
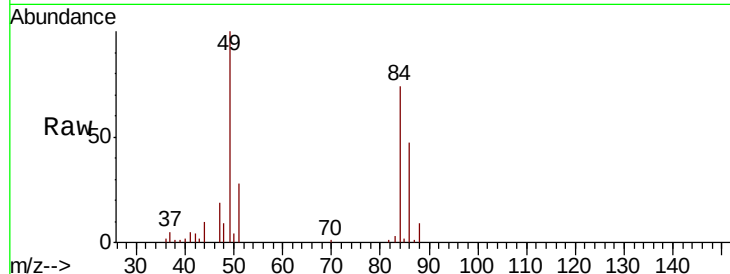




#20
Methvlene Chloride
Concen: 4.407 ug/l
RT: 3.69 min Scan# 220
Delta R.T. 0.00 min
Lab File: VD060160.D
Acq: 9 Oct 2018 19:32

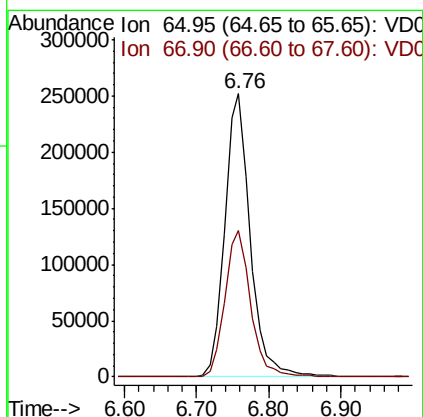
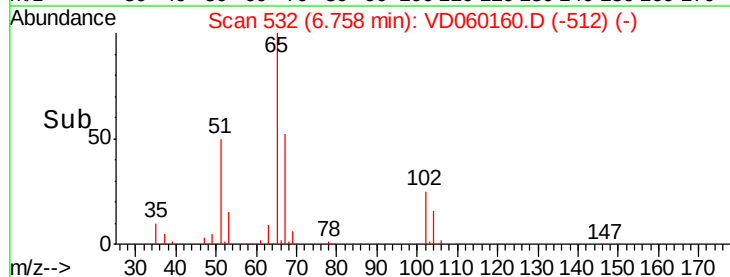
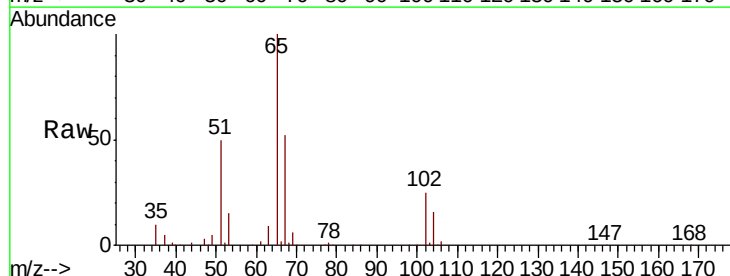
Instrument :
MSVOA_D
ClientSampleId :
FL-PIT-4

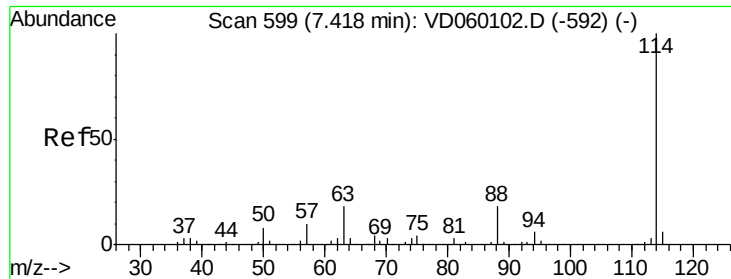
Tot Ion: 84 Resp: 113881
Ion Ratio Lower Upper
84 100
49 136.0 114.6 172.0
51 37.8 33.8 50.8
86 63.7 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 532
Delta R.T. -0.00 min
Lab File: VD060160.D
Acq: 9 Oct 2018 19:32

Tgt Ion: 65 Resp: 615077
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.2

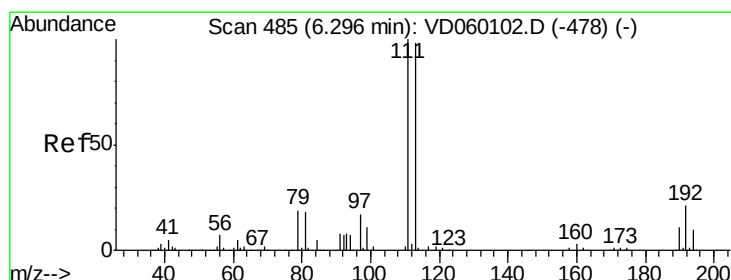
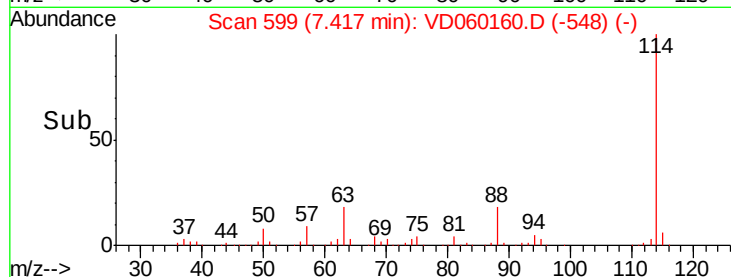
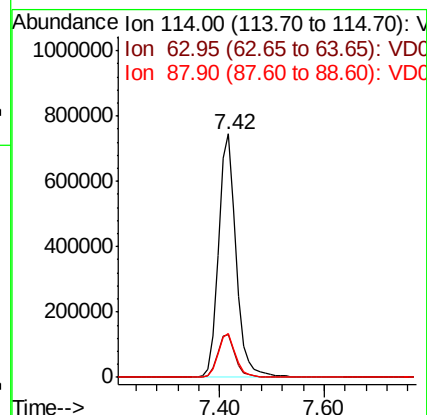
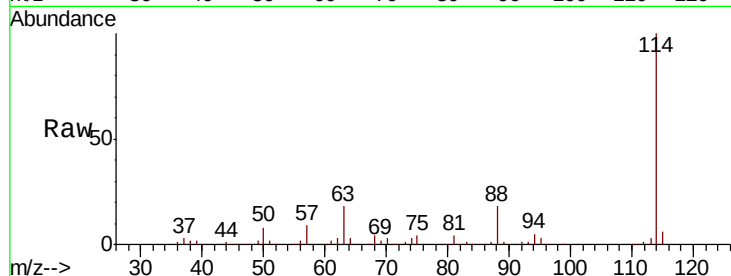




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.42 min Scan# 599
Delta R.T. -0.00 min
Lab File: VD060160.D
Acq: 9 Oct 2018 19:32

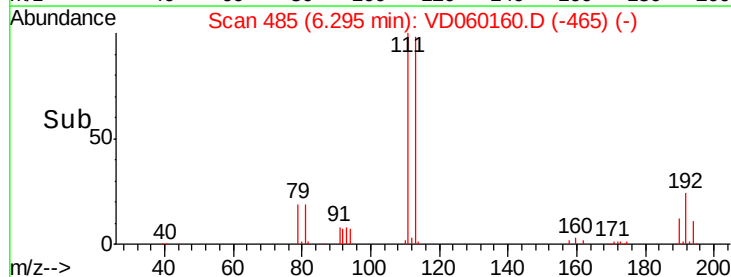
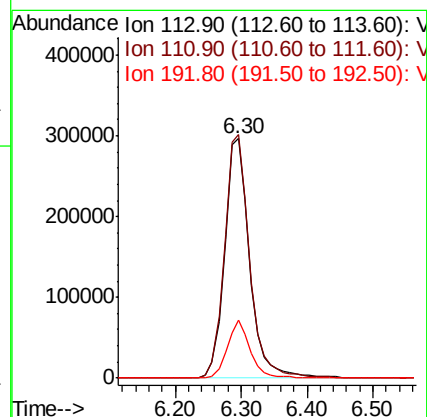
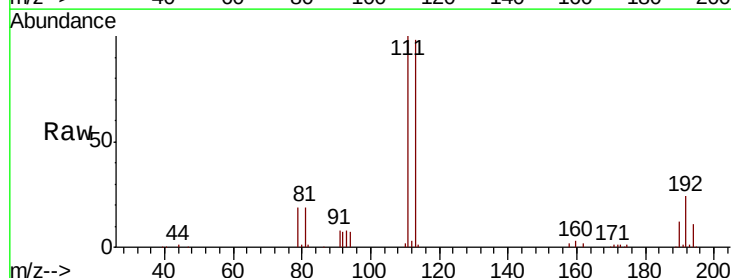
Instrument :
MSVOA_D
ClientSampleId :
FL-PIT-4

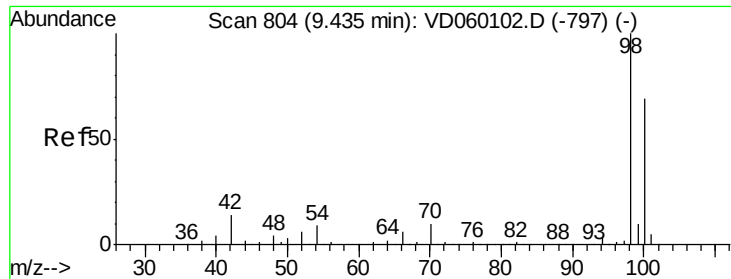
Tot Ion:114 Resp: 1742801
Ion Ratio Lower Upper
114 100
63 17.6 0.0 36.0
88 17.9 0.0 36.2



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.30 min Scan# 485
Delta R.T. -0.00 min
Lab File: VD060160.D
Acq: 9 Oct 2018 19:32

Tgt Ion:113 Resp: 785061
Ion Ratio Lower Upper
113 100
111 101.6 81.5 122.3
192 24.3 17.4 26.0

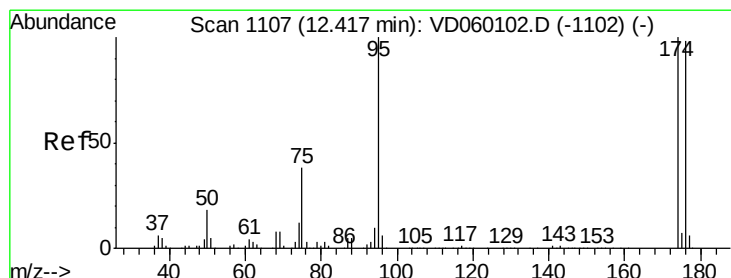
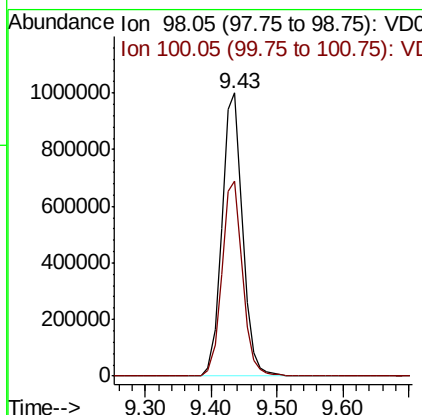
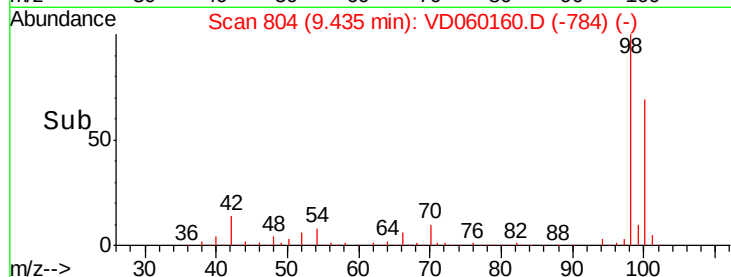
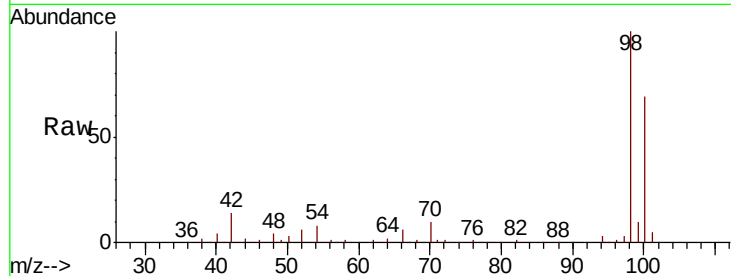




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.00 min
Lab File: VD060160.D
Acq: 9 Oct 2018 19:32

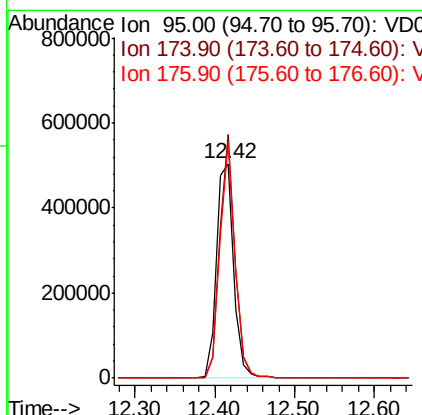
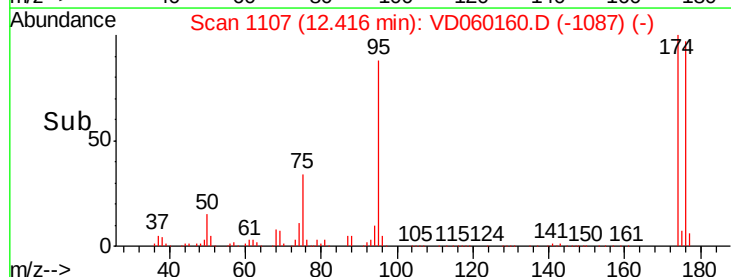
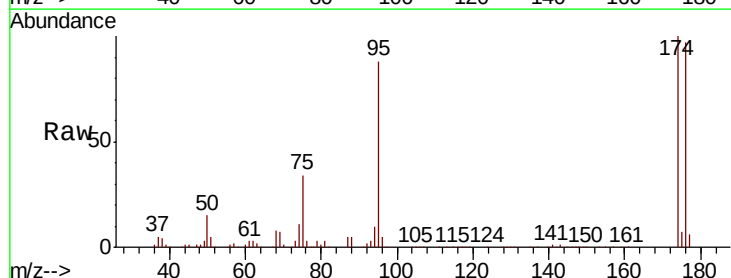
Instrument :
MSVOA_D
ClientSampled :
FL-PIT-4

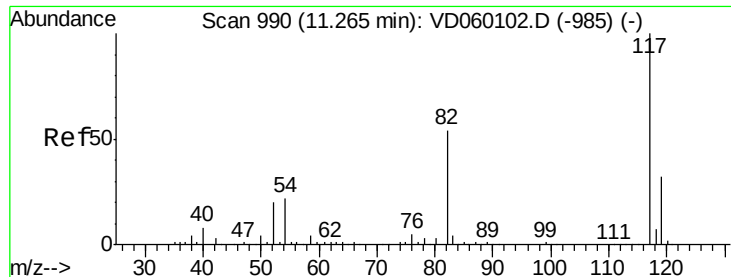
Tot Ion: 98 Resp: 2189176
Ion Ratio Lower Upper
98 100
100 69.0 55.4 83.0



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD060160.D
Acq: 9 Oct 2018 19:32

Tgt Ion: 95 Resp: 771687
Ion Ratio Lower Upper
95 100
174 113.4 0.0 200.2
176 109.8 0.0 195.6

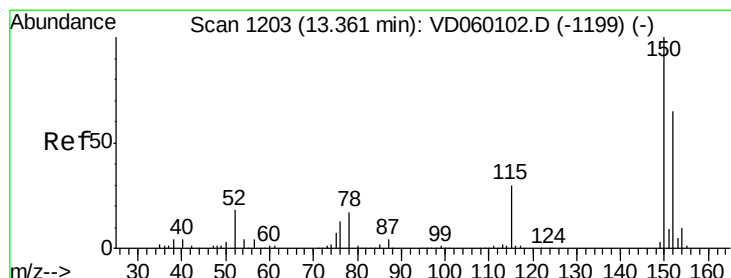
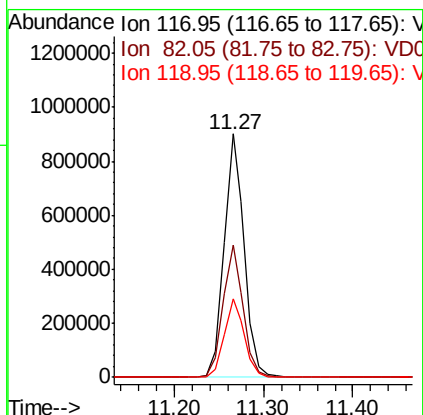
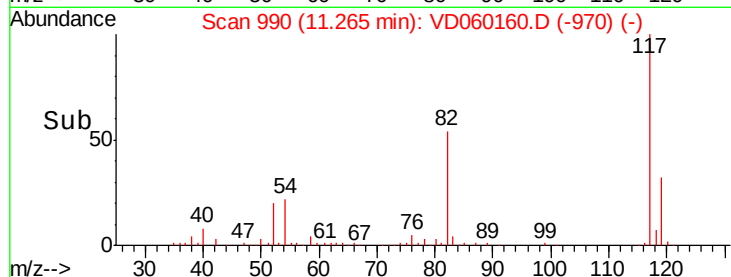
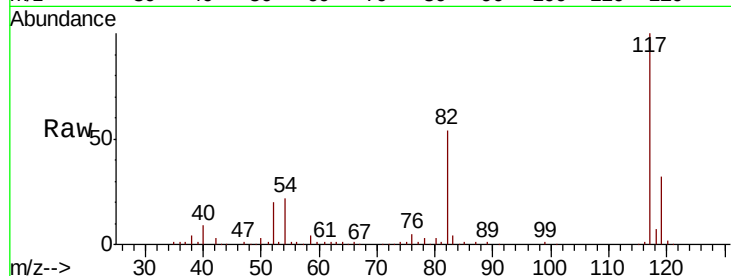




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.00 min
Lab File: VD060160.D
Acq: 9 Oct 2018 19:32

Instrument :
MSVOA_D
ClientSampleId :
FL-PIT-4

Tot Ion:117 Resp: 1432594
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.2
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD060160.D
Acq: 9 Oct 2018 19:32

Tgt Ion:152 Resp: 705296
Ion Ratio Lower Upper
152 100
115 49.9 27.1 81.2
150 154.3 0.0 311.8

