

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
 Data File : VD060162.D
 Acq On : 9 Oct 2018 20:29
 Operator : VA/AP
 Sample : J5326-21
 Misc : 5.97g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FL-PIT-6

Quant Time: Oct 10 11:50:32 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

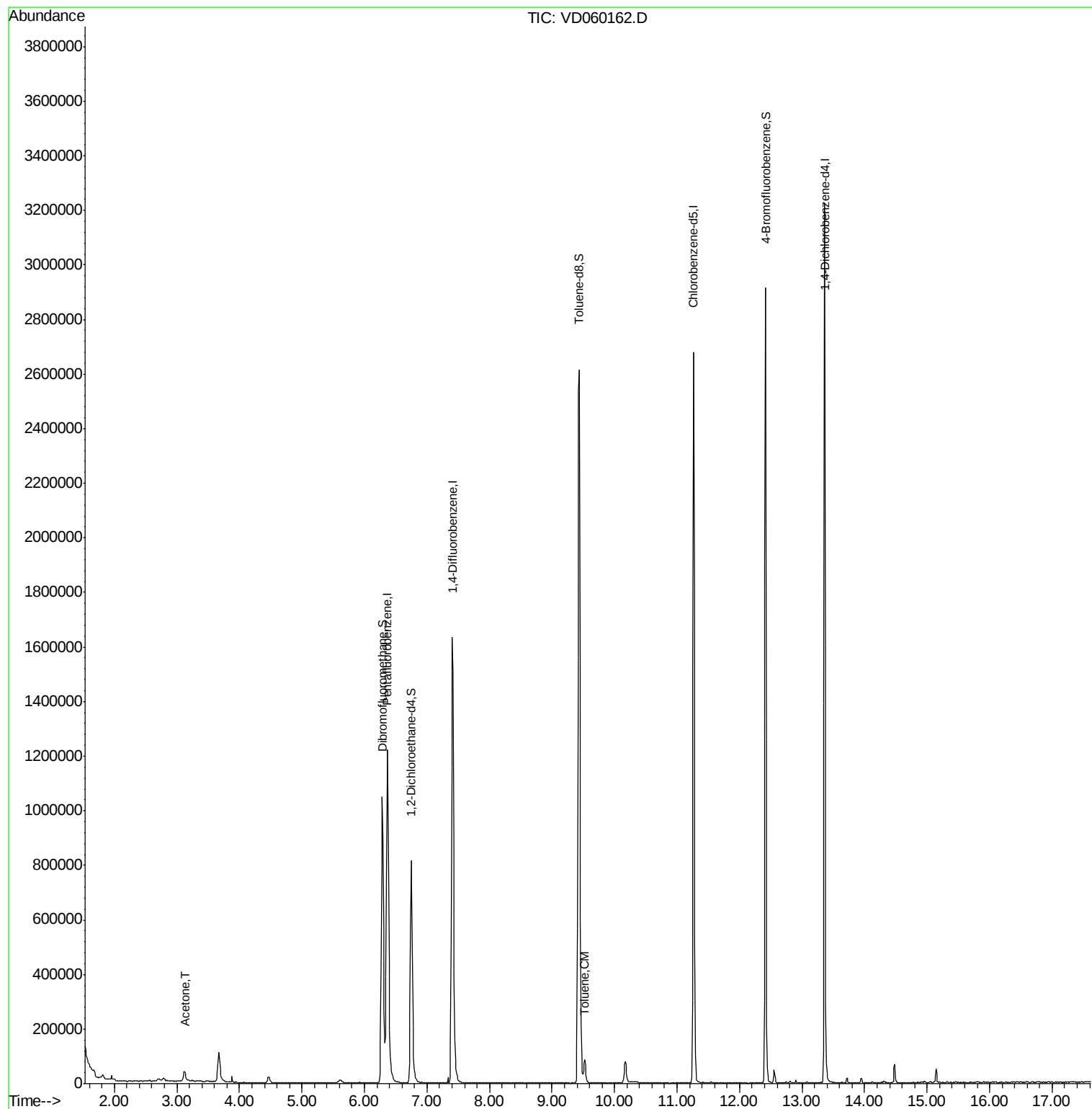
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1239165	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.41	114	1729554	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.26	117	1388719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	706789	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	655032	69.74	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	139.48%	
35) Dibromofluoromethane	6.28	113	801526	61.03	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	122.06%	
50) Toluene-d8	9.43	98	2175631	58.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.18%	
62) 4-Bromofluorobenzene	12.42	95	793880	56.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.22%	
Target Compounds						
16) Acetone	3.12	43	76108	44.654	ug/l	99
52) Toluene	9.52	92	41000	1.472	ug/l	91

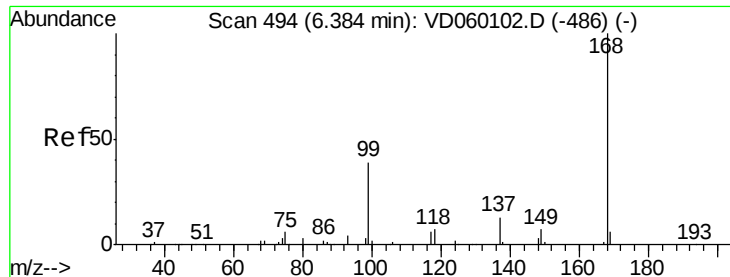
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 493

Delta R.T. -0.01 min

Lab File: VD060162.D

Acq: 9 Oct 2018 20:29

Instrument :

MSVOA_D

ClientSampleId :

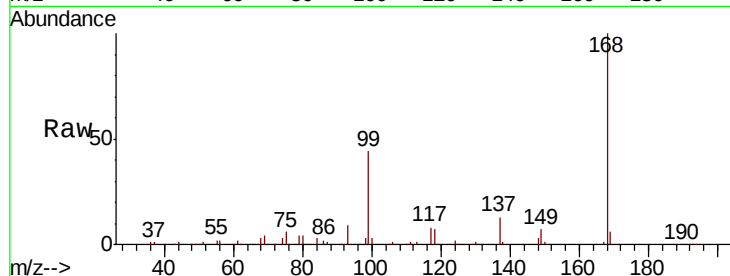
FL-PIT-6

Tot Ion:168 Resp: 1239165

Ion Ratio Lower Upper

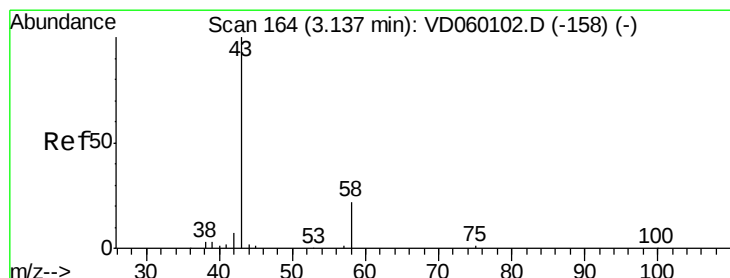
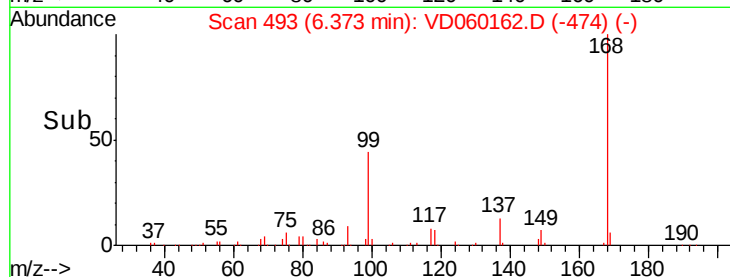
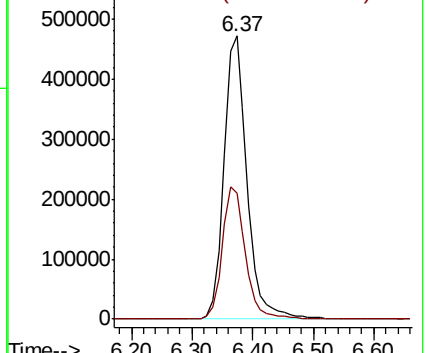
168 100

99 44.5 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 44.654 ug/l

RT: 3.12 min Scan# 162

Delta R.T. -0.02 min

Lab File: VD060162.D

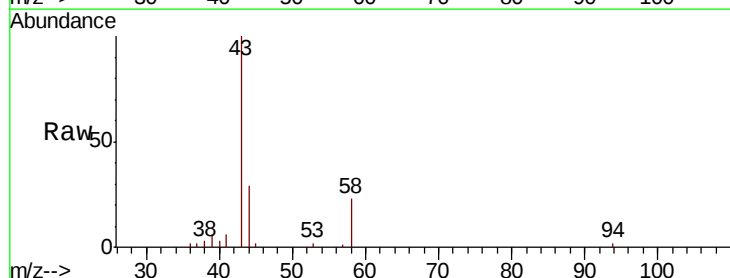
Acq: 9 Oct 2018 20:29

Tgt Ion: 43 Resp: 76108

Ion Ratio Lower Upper

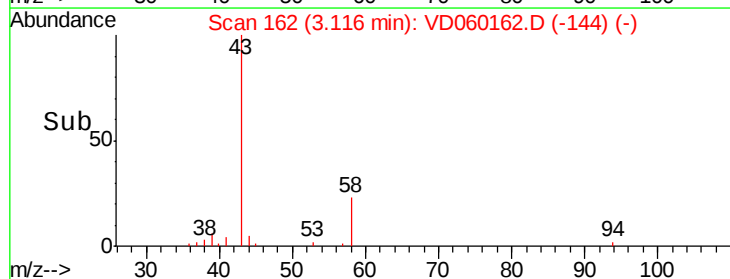
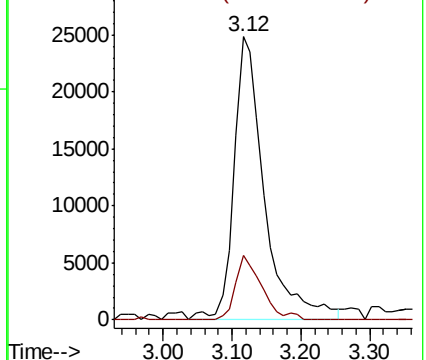
43 100

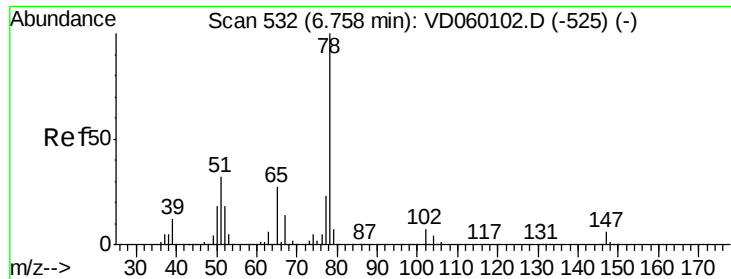
58 22.7 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.75 min Scan# 531

Delta R.T. -0.01 min

Lab File: VD060162.D

Acq: 9 Oct 2018 20:29

Instrument :

MSVOA_D

ClientSampleId :

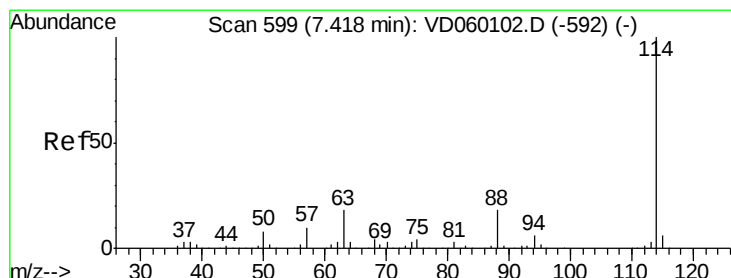
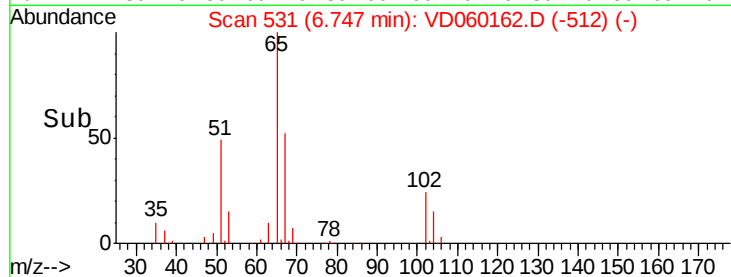
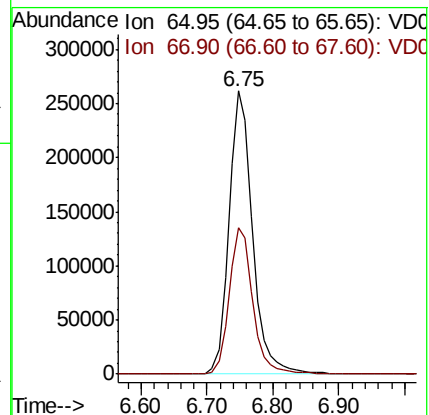
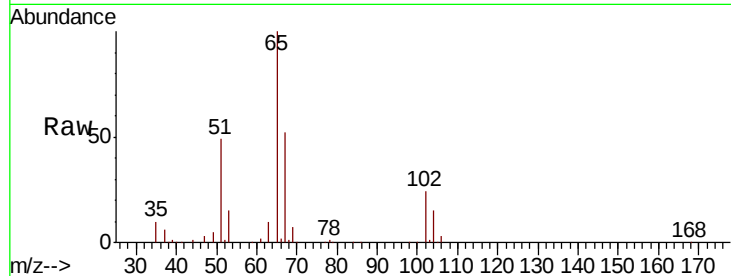
FL-PIT-6

Tot Ion: 65 Resp: 655032

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.41 min Scan# 598

Delta R.T. -0.01 min

Lab File: VD060162.D

Acq: 9 Oct 2018 20:29

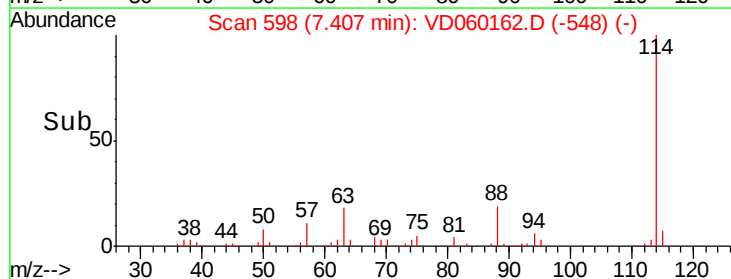
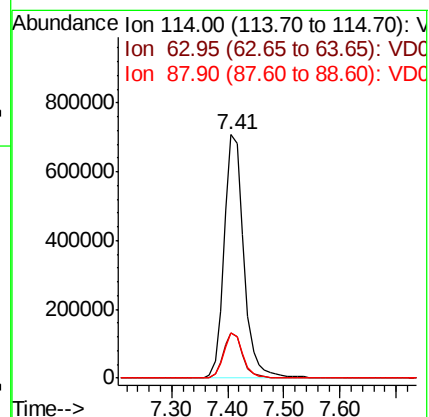
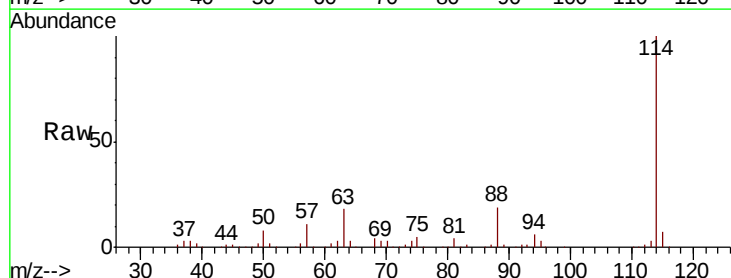
Tgt Ion: 114 Resp: 1729554

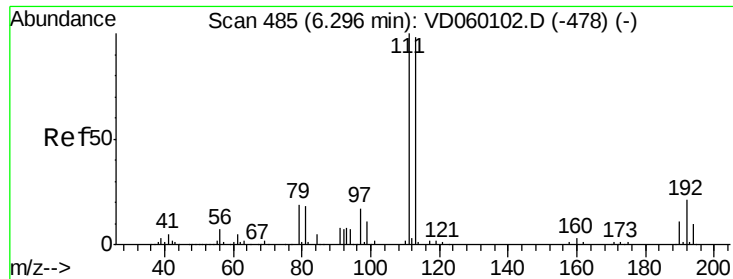
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.0

88 18.8 0.0 36.2

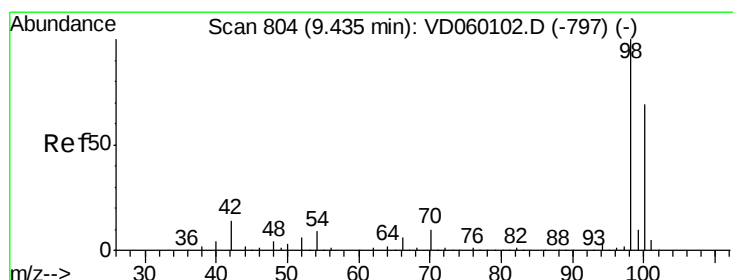
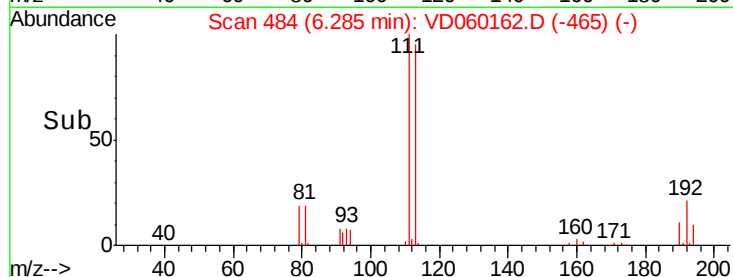
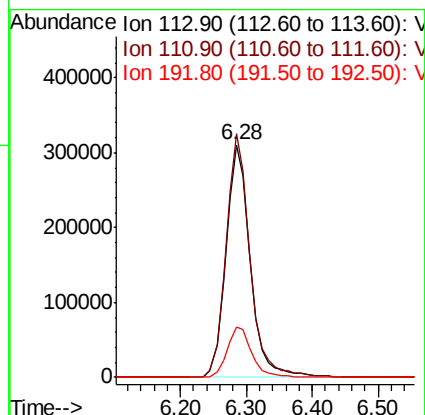
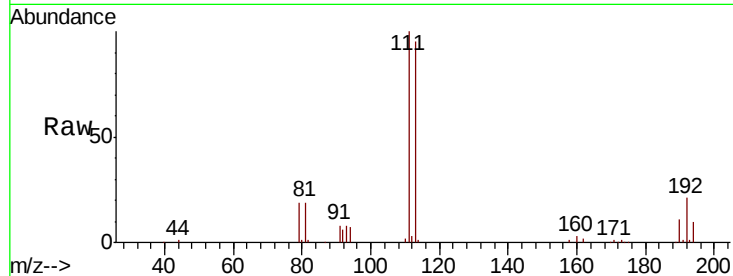




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.28 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: VD060162.D
 Acq: 9 Oct 2018 20:29

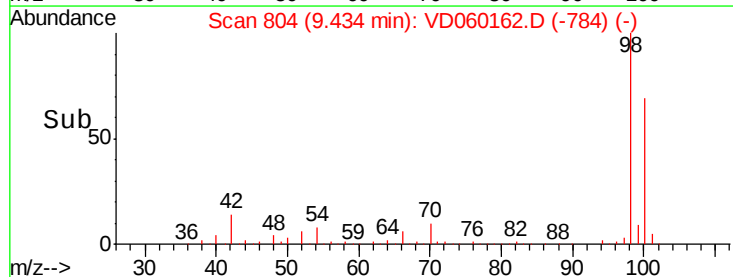
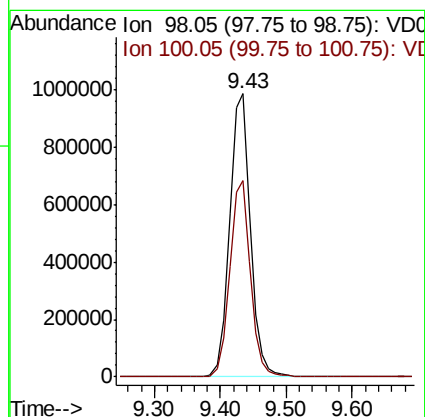
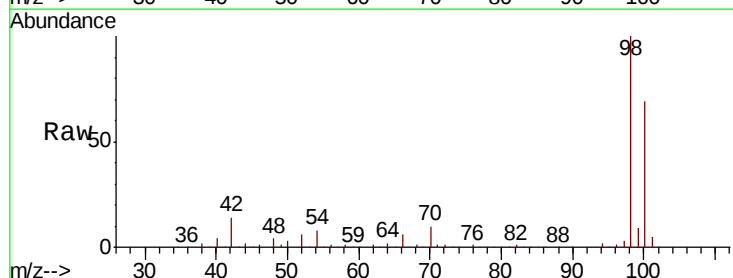
Instrument :
 MSVOA_D
 ClientSampleId :
 FL-PIT-6

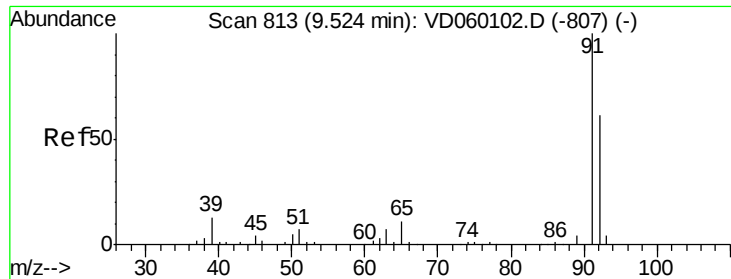
Tot Ion:113 Resp: 801526
 Ion Ratio Lower Upper
 113 100
 111 104.9 81.5 122.3
 192 21.9 17.4 26.0



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.43 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VD060162.D
 Acq: 9 Oct 2018 20:29

Tgt Ion: 98 Resp: 2175631
 Ion Ratio Lower Upper
 98 100
 100 69.5 55.4 83.0





#52

Toluene

Concen: 1.472 ug/l

RT: 9.52 min Scan# 813

Delta R.T. -0.00 min

Lab File: VD060162.D

Acq: 9 Oct 2018 20:29

Instrument :

MSVOA_D

ClientSampleId :

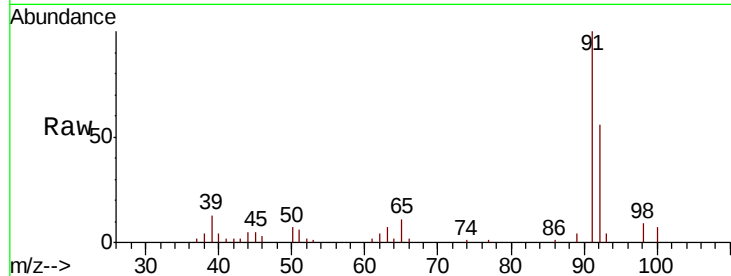
FL-PIT-6

Tot Ion: 92 Resp: 41000

Ion Ratio Lower Upper

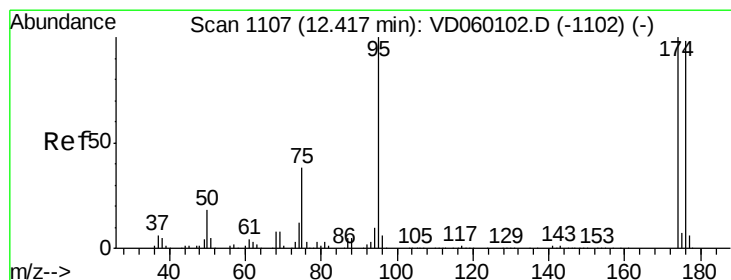
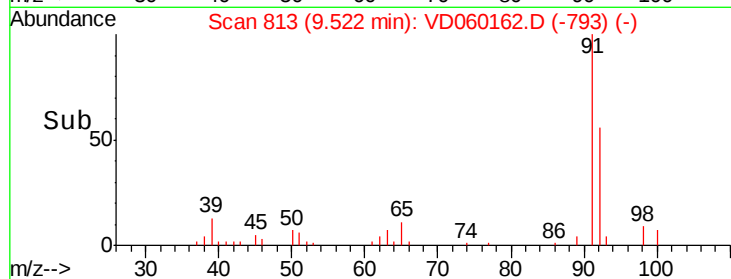
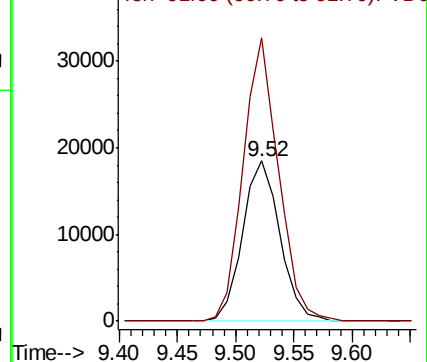
92 100

91 177.0 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VD060162.D

Acq: 9 Oct 2018 20:29

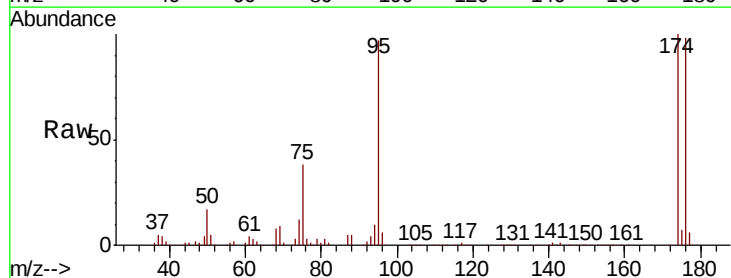
Tgt Ion: 95 Resp: 793880

Ion Ratio Lower Upper

95 100

174 103.0 0.0 200.2

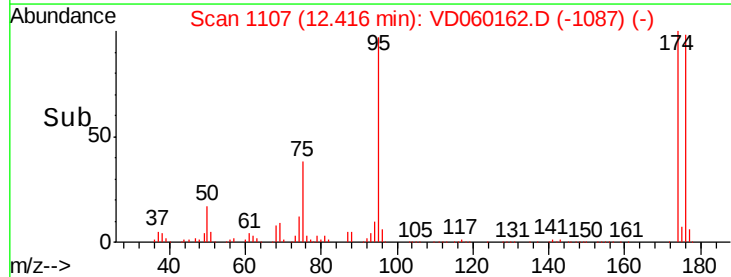
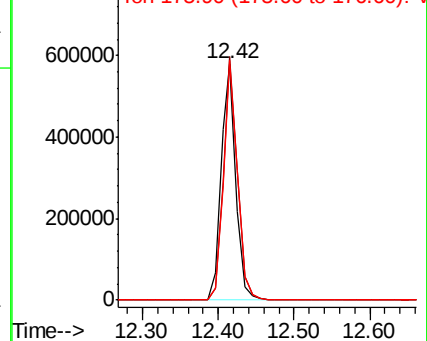
176 101.5 0.0 195.6

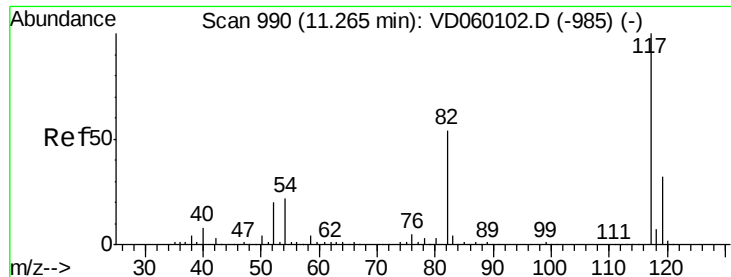


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

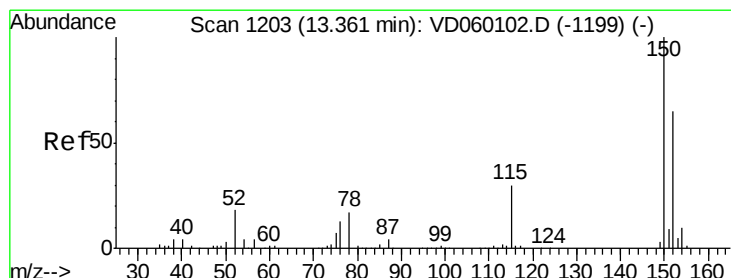
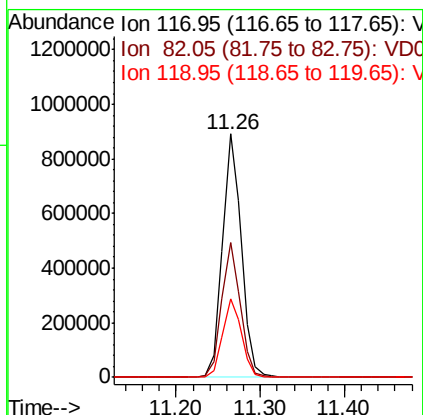
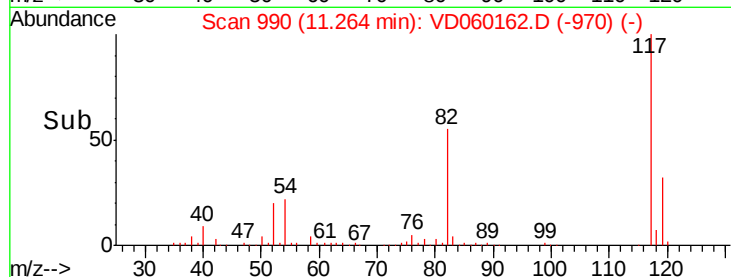
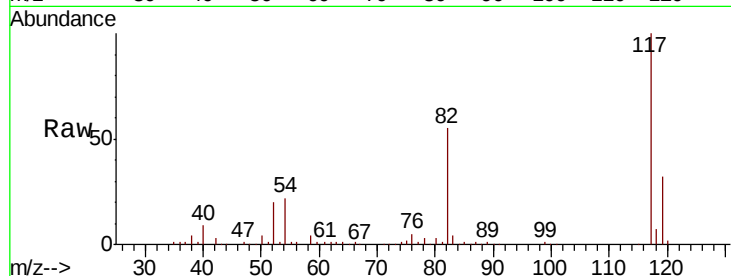




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 990
Delta R.T. -0.00 min
Lab File: VD060162.D
Acq: 9 Oct 2018 20:29

Instrument :
MSVOA_D
ClientSampleId :
FL-PIT-6

Tot Ion:117 Resp: 1388719
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.2
119 32.5 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: VD060162.D
Acq: 9 Oct 2018 20:29

Tgt Ion:152 Resp: 706789
Ion Ratio Lower Upper
152 100
115 51.9 27.1 81.2
150 154.7 0.0 311.8

