

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 01:17:07 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

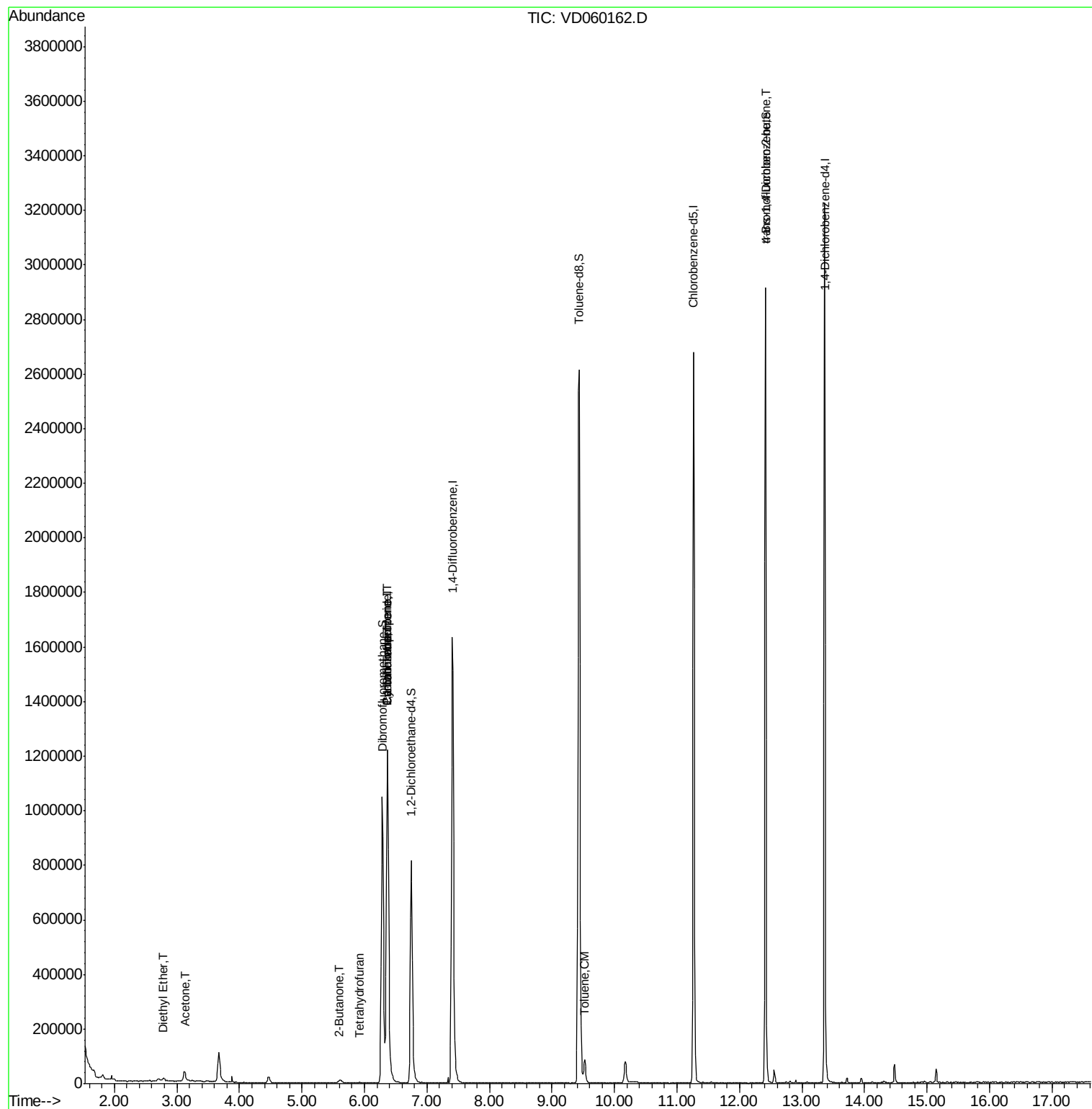
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1239165	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.41	114	1729554	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.26	117	1388719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	706789	50.00	ug/l	0.00
System Monitoring 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						
8) Diethyl Ether	2.78	74	3171	1.497	ug/l	64
16) Acetone	3.12	43	76108	44.654	ug/l	99
25) 2-Butanone	5.59	43	12247	2.876	ug/l #	88
29) Tetrahydrofuran	5.93	42	2660	1.075	ug/l #	48
31) Cyclohexane	6.36	56	21467	1.055	ug/l #	1
36) 1,1-Dichloropropene	6.36	75	85043	5.146	ug/l #	46
38) Carbon Tetrachloride	6.37	117	94879	6.325	ug/l #	15
52) Toluene	9.52	92	41000	1.472	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.42	75	317434	110.988	ug/l #	13

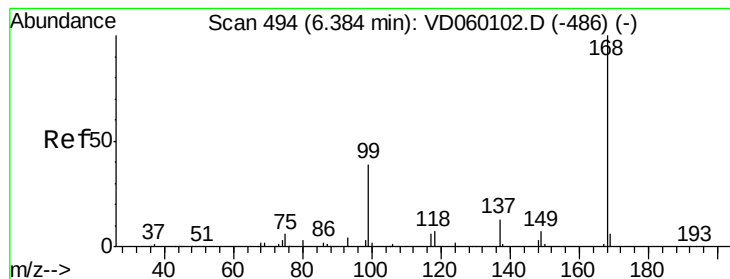
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100918\
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Quant Time: Oct 10 01:17:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration

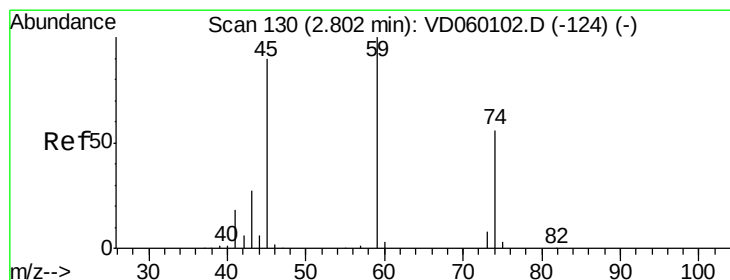
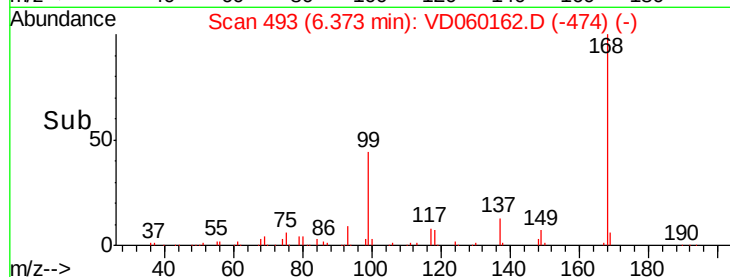
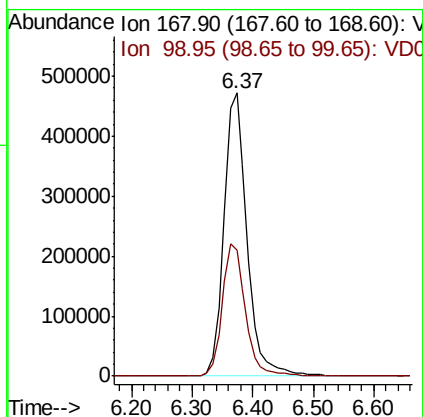
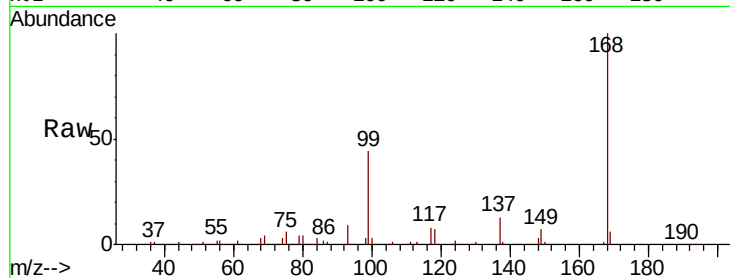




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.37 min Scan# 493
Delta R.T. -0.01 min
Lab File: VD060162.D
Acq: 9 Oct 2018 20:29

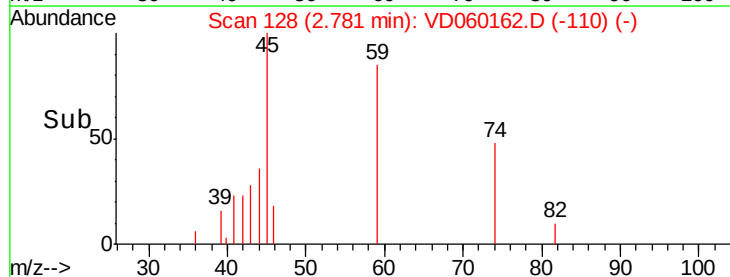
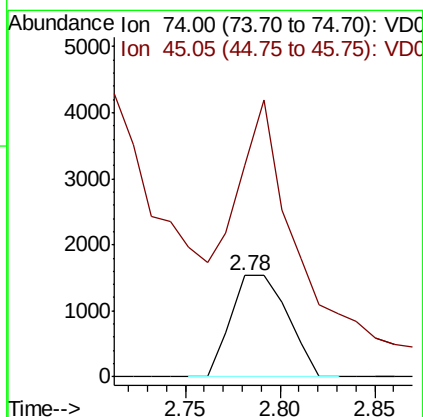
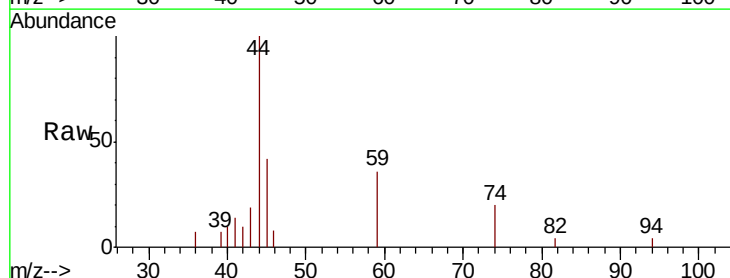
Instrument :
MSVOA_D
ClientSampled :
FL-PIT-6

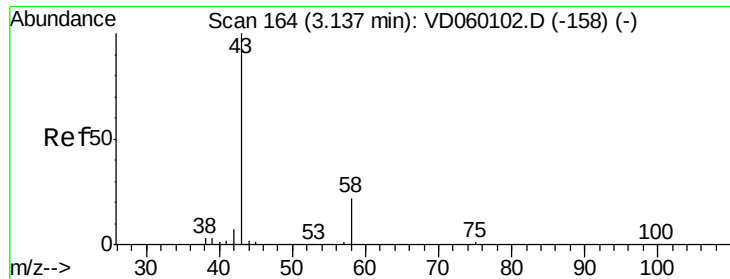
Tot Ion:168 Resp: 1239165
Ion Ratio Lower Upper
168 100
99 44.5 35.4 53.0



#8
Diethyl Ether
Concen: 1.497 ug/l
RT: 2.78 min Scan# 128
Delta R.T. -0.02 min
Lab File: VD060162.D
Acq: 9 Oct 2018 20:29

Tgt Ion: 74 Resp: 3171
Ion Ratio Lower Upper
74 100
45 208.3 80.3 241.0





#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

Instrument :

MSVOA_D

ClientSampled :

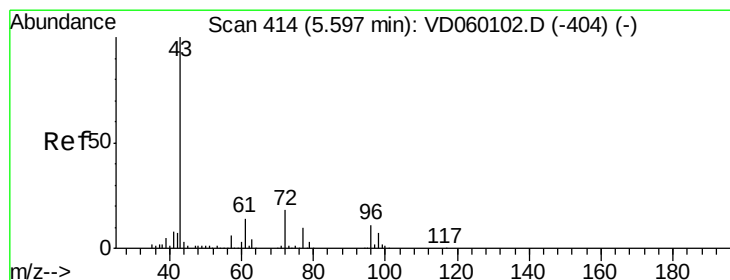
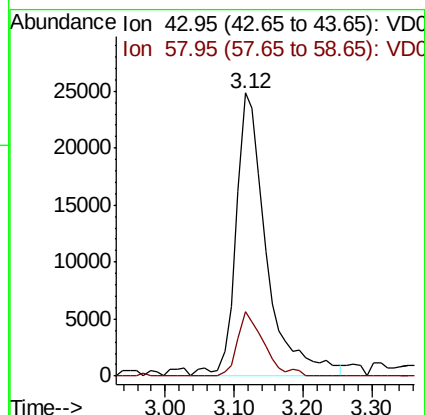
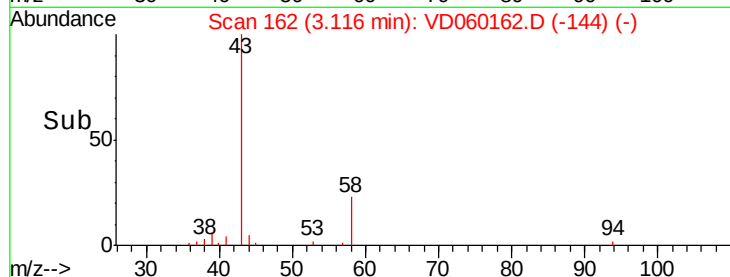
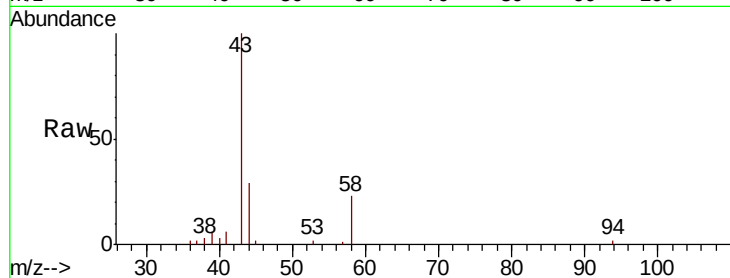
FL-PIT-6

Tot Ion: 43 Resp: 76108

Ion Ratio Lower Upper

43 100

58 22.7 17.7 26.5



#25

2-Butanone

Concen: 2.876 ug/l

RT: 5.59 min Scan# 413

Delta R.T. -0.01 min

Lab File: VD060162.D

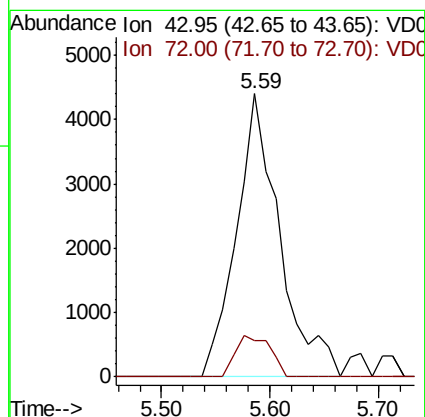
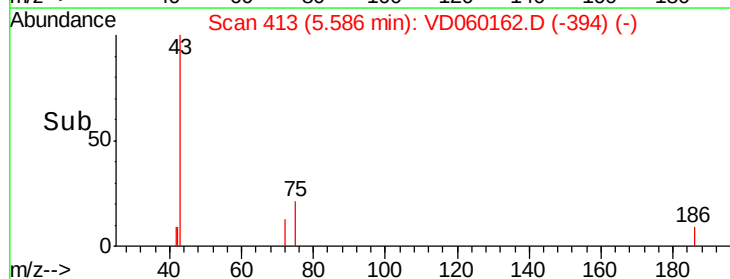
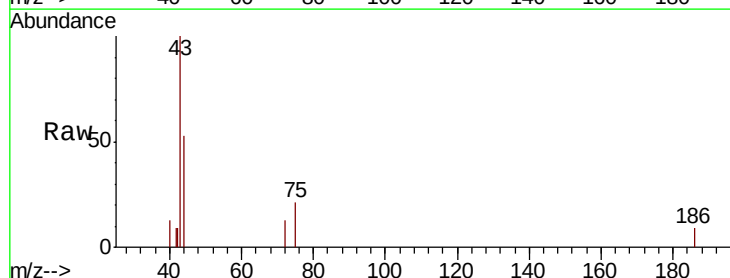
Acq: 9 Oct 2018 20:29

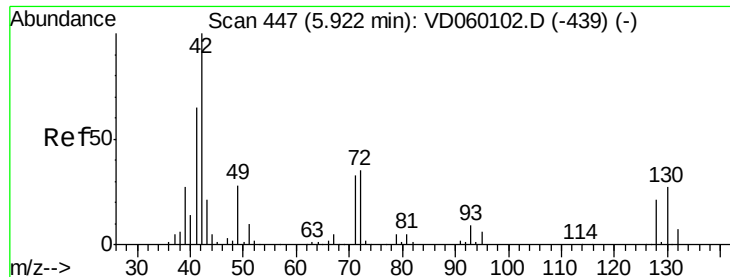
Tgt Ion: 43 Resp: 12247

Ion Ratio Lower Upper

43 100

72 12.9 14.5 21.7#





#29

Tetrahydrofuran

Concen: 1.075 ug/l

RT: 5.93 min Scan# 448

Delta R.T. 0.01 min

Lab File: VD060162.D

Acq: 9 Oct 2018 20:29

Instrument :

MSVOA_D

ClientSampled :

FL-PIT-6

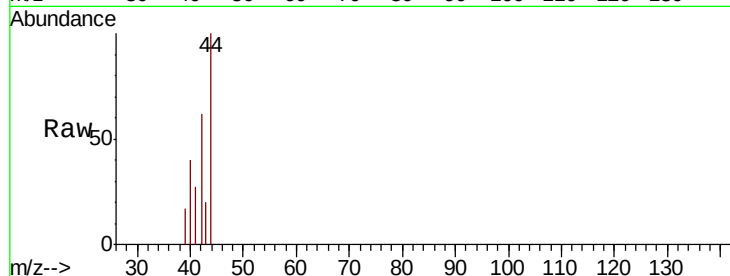
Tot Ion: 42 Resp: 2660

Ion Ratio Lower Upper

42 100

72 0.0 26.9 40.3#

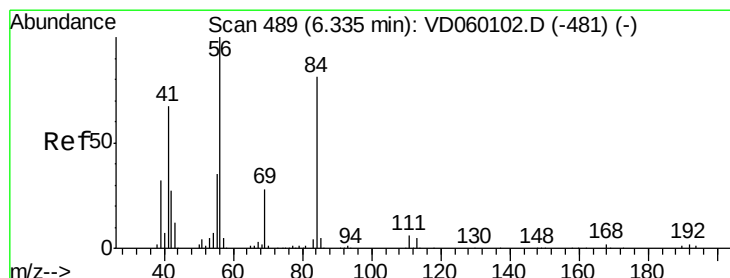
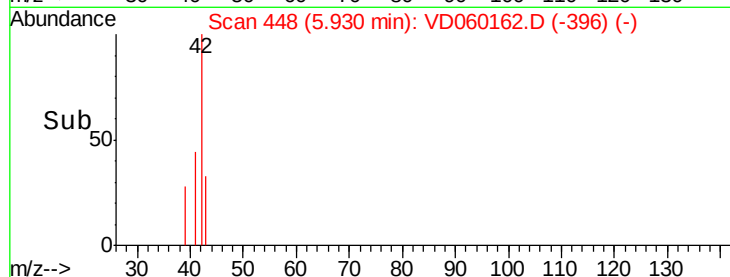
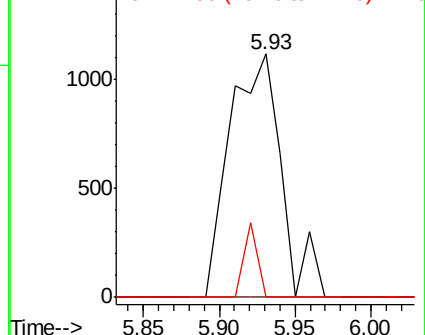
71 7.6 26.7 40.1#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#31

Cyclohexane

Concen: 1.055 ug/l

RT: 6.36 min Scan# 492

Delta R.T. 0.03 min

Lab File: VD060162.D

Acq: 9 Oct 2018 20:29

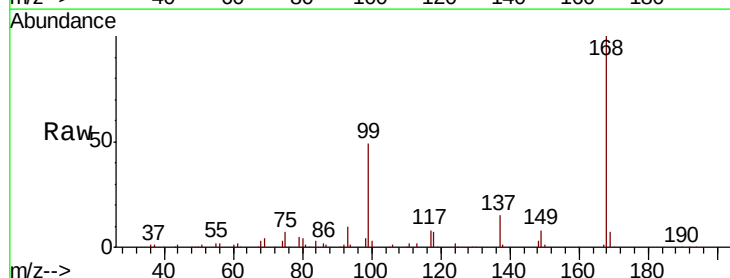
Tgt Ion: 56 Resp: 21467

Ion Ratio Lower Upper

56 100

69 266.6 22.8 34.2#

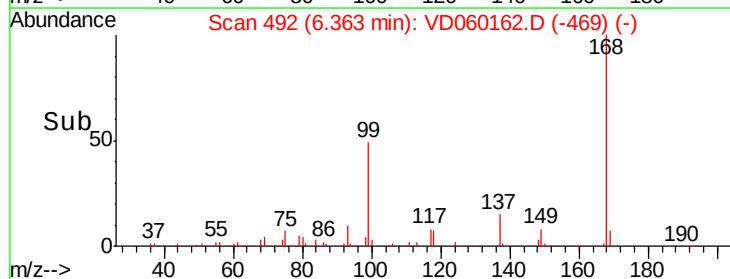
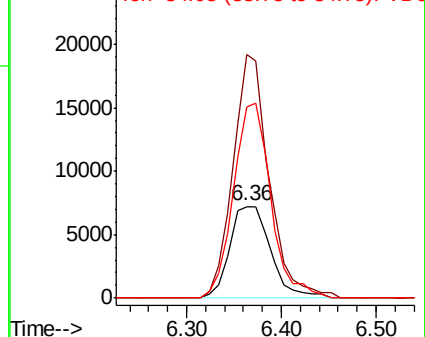
84 208.7 64.9 97.3#

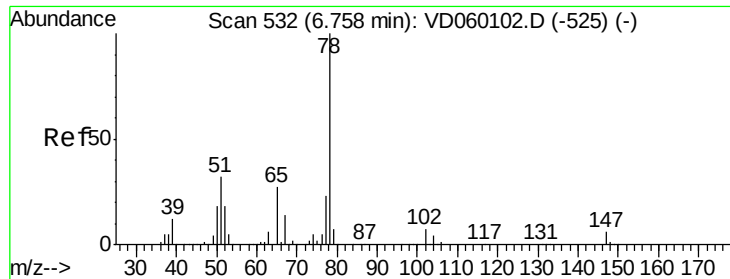


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

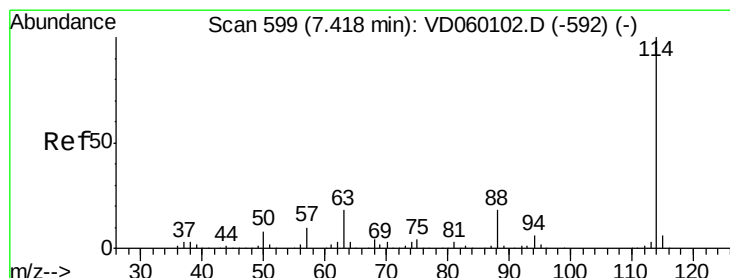
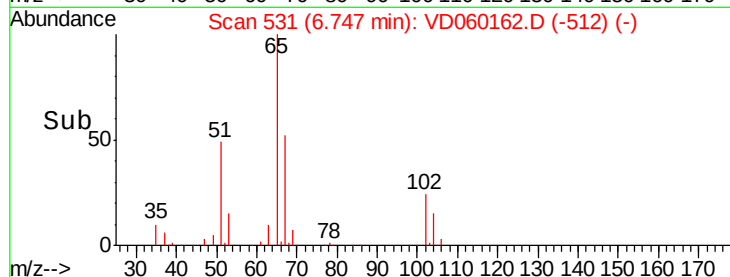
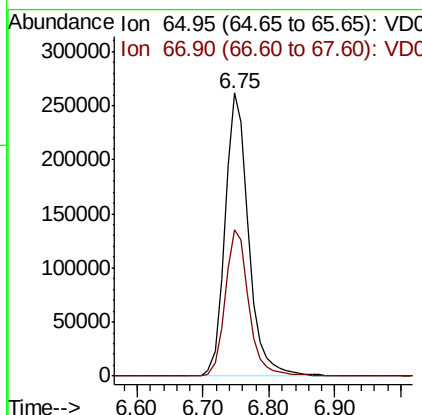
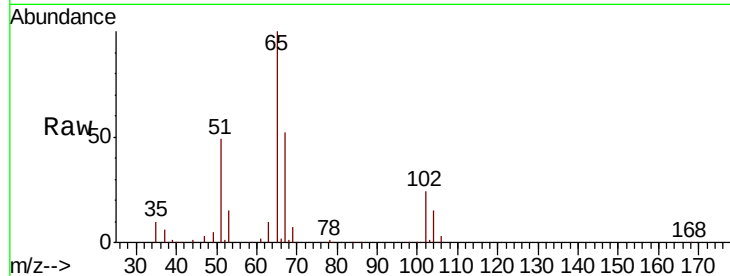




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.75 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VD060162.D
 Acq: 9 Oct 2018 20:29

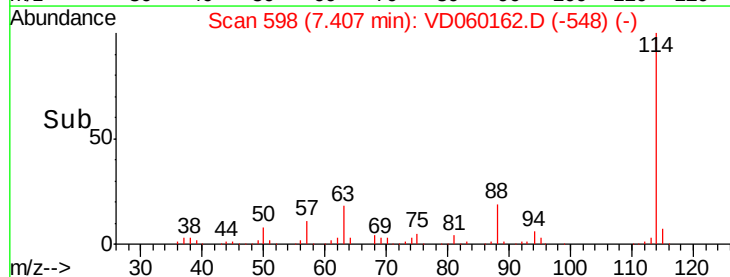
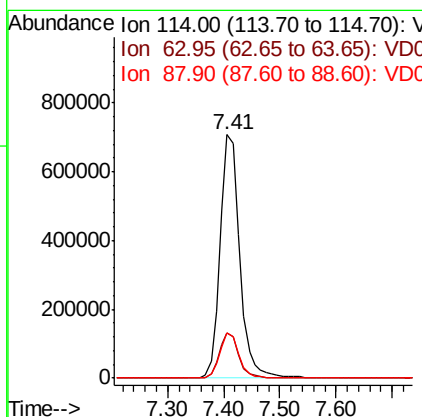
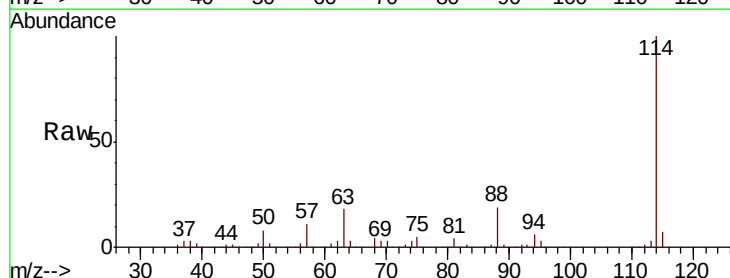
Instrument :
 MSVOA_D
 ClientSampleId :
 FL-PIT-6

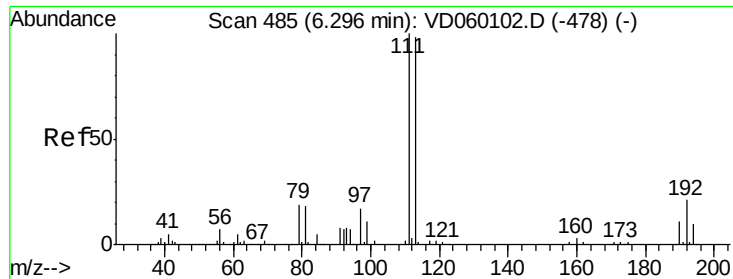
Tot Ion: 65 Resp: 655032
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.2



#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

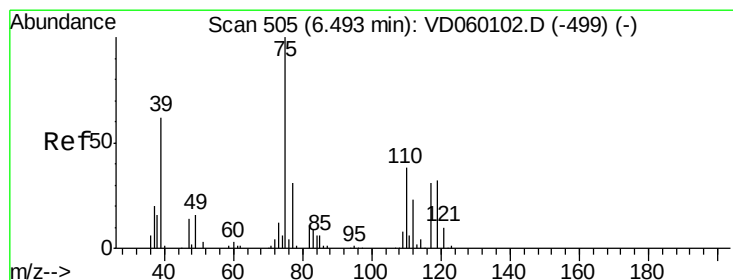
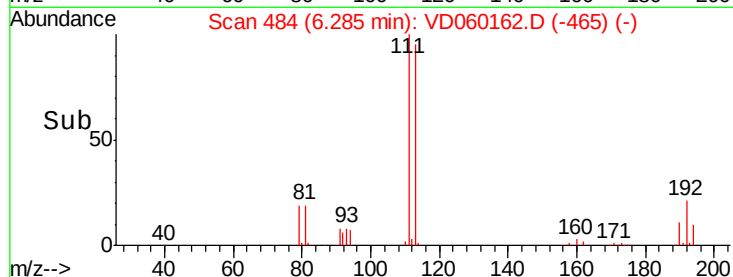
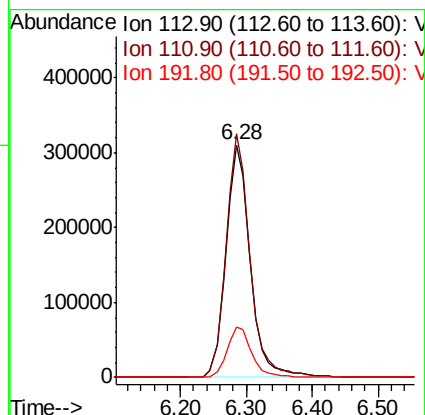
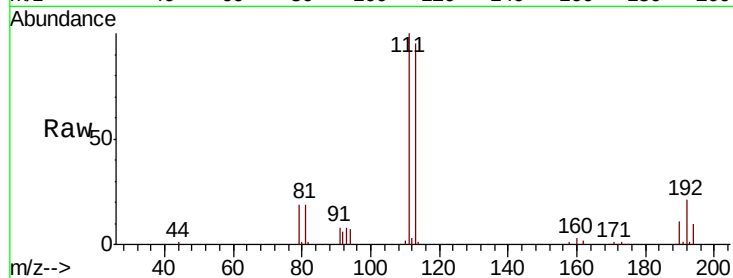




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.28 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: VD060162.D
 Acq: 9 Oct 2018 20:29

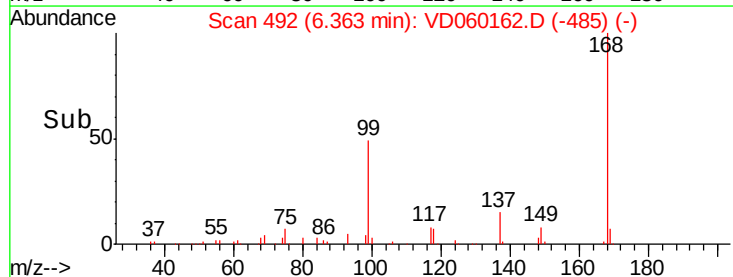
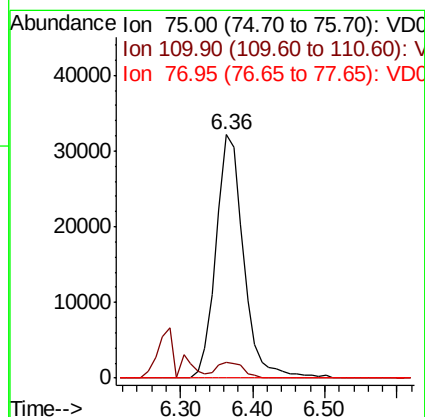
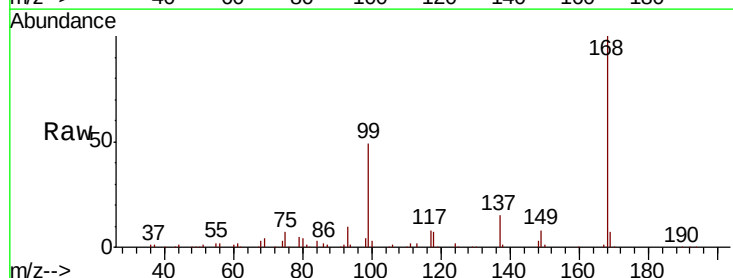
Instrument :
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 ClientSampleId :
 FL-PIT-6

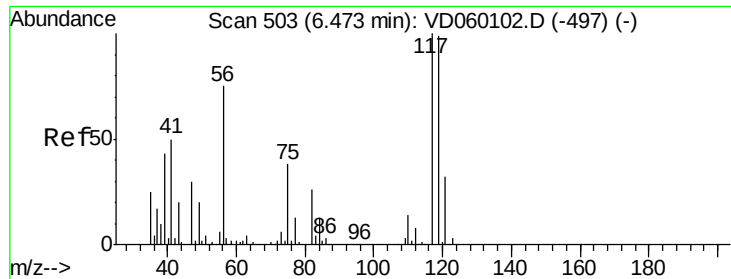
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.5	122.3
192	21.9	17.4	26.0



#36
 1,1-Dichloropropene
 Concen: 5.146 ug/l
 RT: 6.36 min Scan# 492
 Delta R.T. -0.13 min
 Lab File: VD060162.D
 Acq: 9 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.7	19.0	57.0#
77	0.0	24.9	37.3#

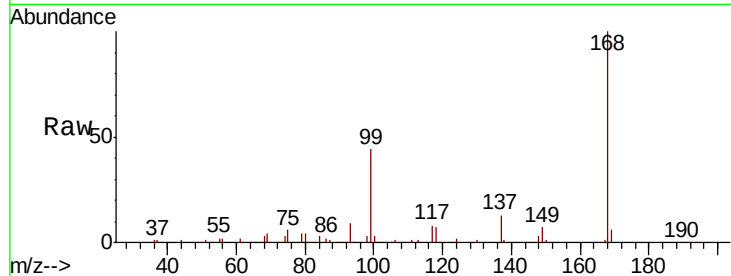




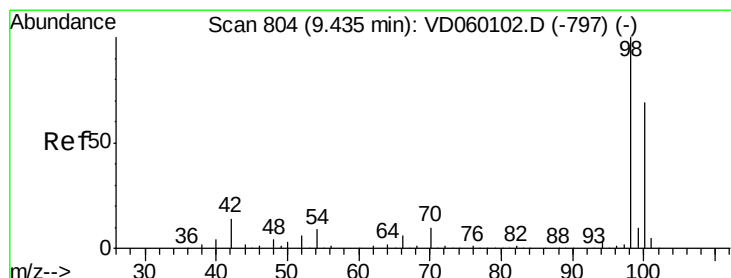
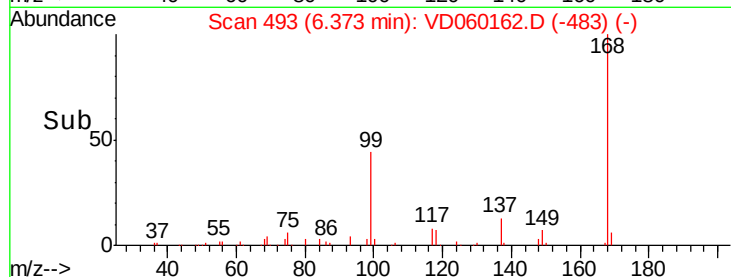
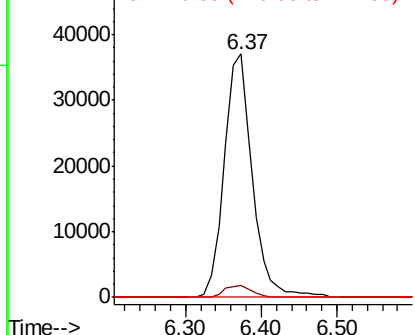
#38
Carbon Tetrachloride
Concen: 6.325 ug/l
RT: 6.37 min Scan# 493
Delta R.T. -0.10 min
Lab File: VD060162.D
Acq: 9 Oct 2018 20:29

Instrument :
MSVOA_D
ClientSampled :
FL-PIT-6

Tot Ion:117 Resp: 94879
Ion Ratio Lower Upper
117 100
119 4.8 77.8 116.6#
121 0.0 24.8 37.2#

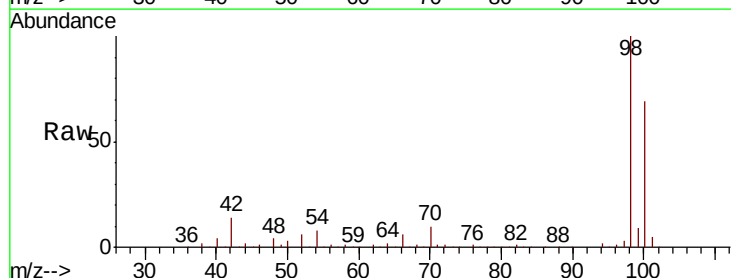


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

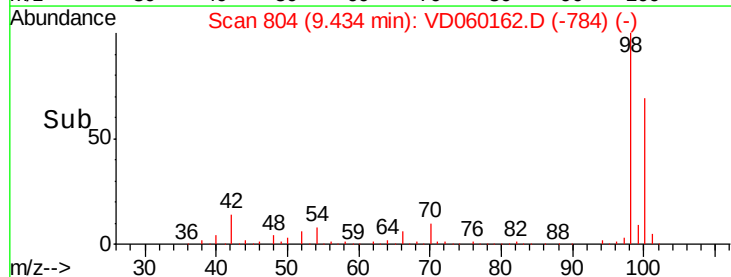
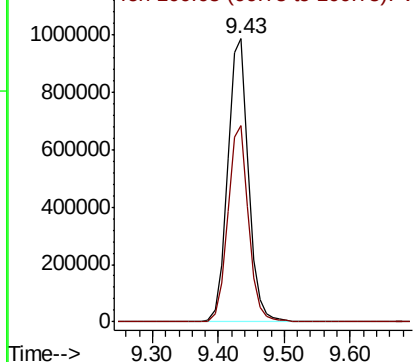


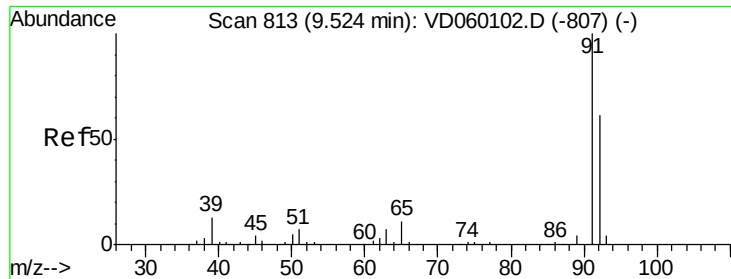
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.00 min
Lab File: VD060162.D
Acq: 9 Oct 2018 20:29

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



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#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 :

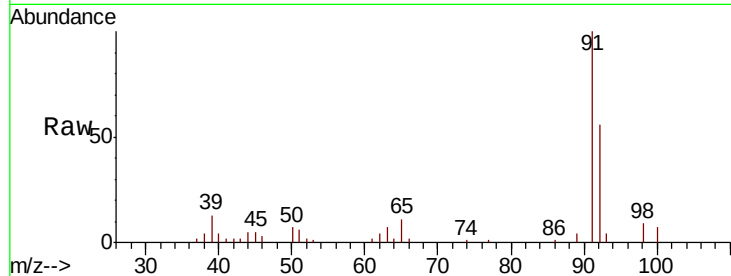
FL-PIT-6

Tot Ion: 92 Resp: 41000

Ion Ratio Lower Upper

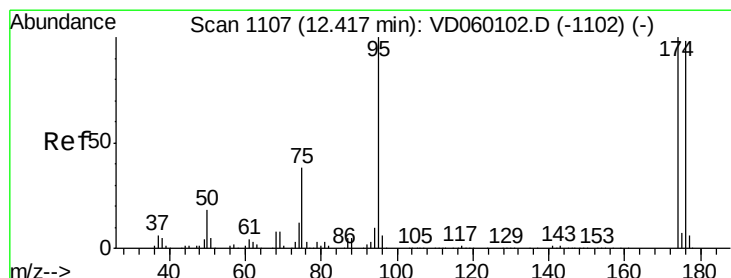
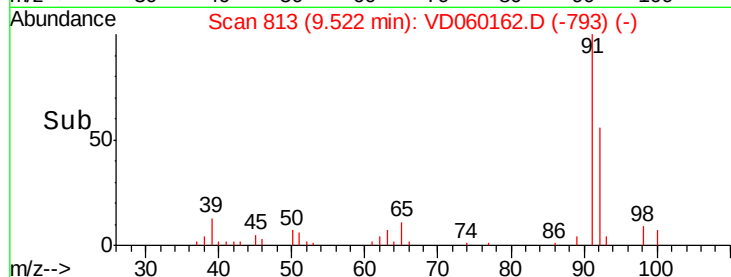
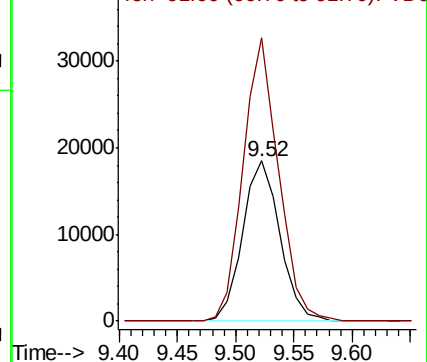
92 100

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

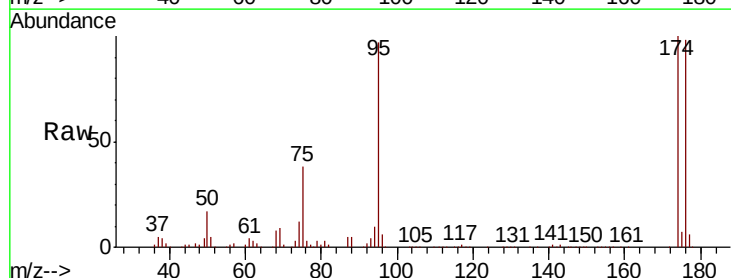
Tgt Ion: 95 Resp: 793880

Ion Ratio Lower Upper

95 100

174 103.0 0.0 200.2

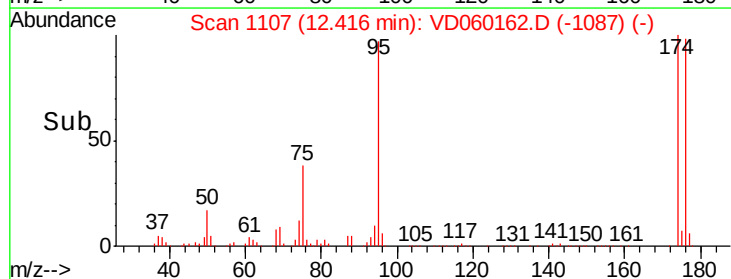
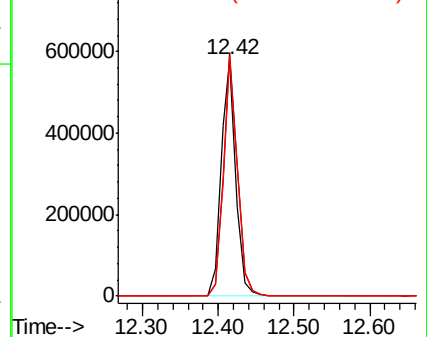
176 101.5 0.0 195.6

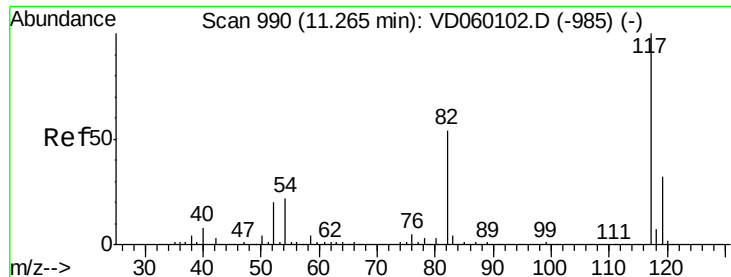


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

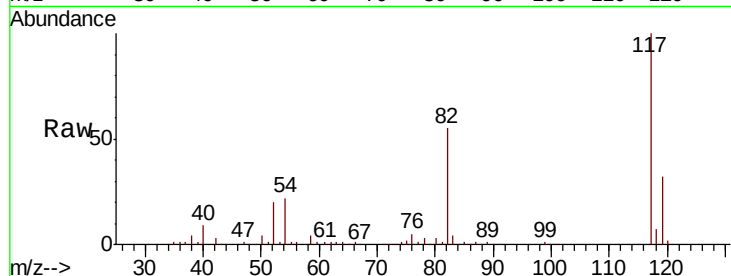




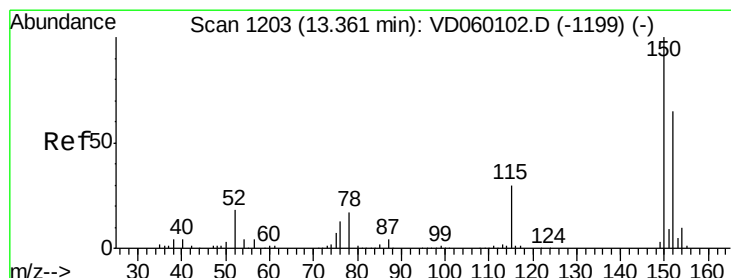
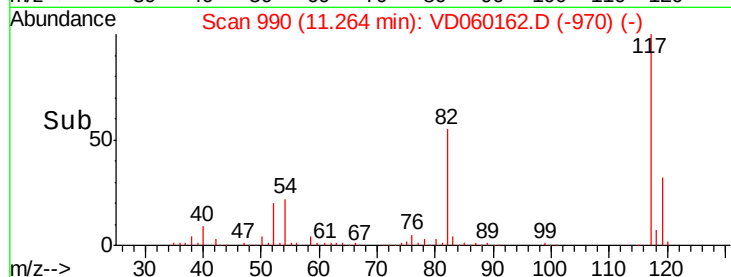
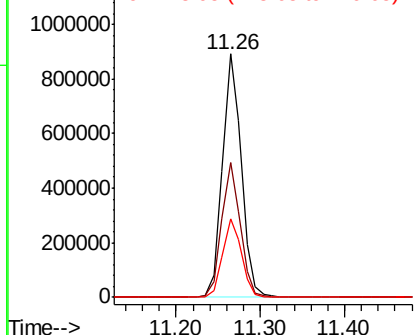
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 990
Delta R.T. -0.00 min
Lab File: VD060162.D
Acq: 9 Oct 2018 20:29

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

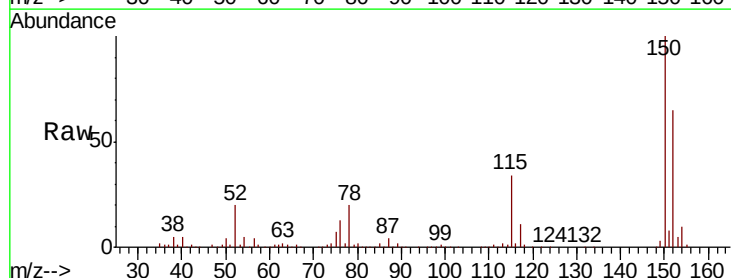


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

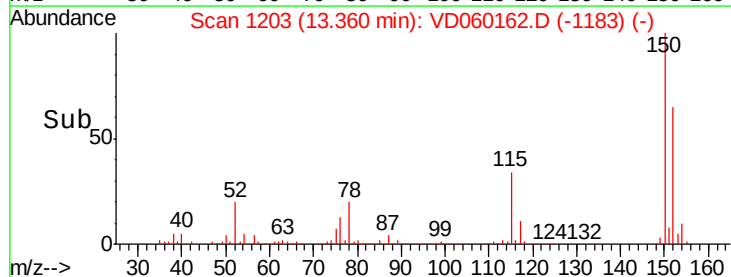
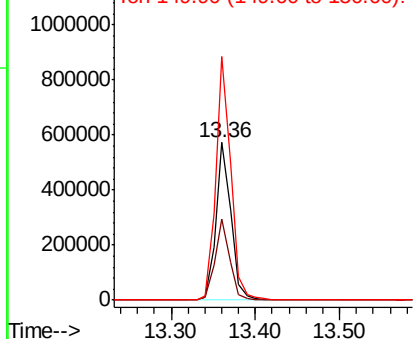


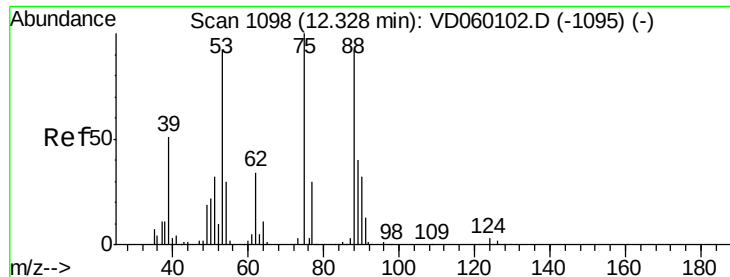
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD060162.D
Acq: 9 Oct 2018 20:29

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



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 110.988 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.09 min

Lab File: VD060162.D

Acq: 9 Oct 2018 20:29

Instrument :

MSVOA_D

ClientSampleId :

FL-PIT-6

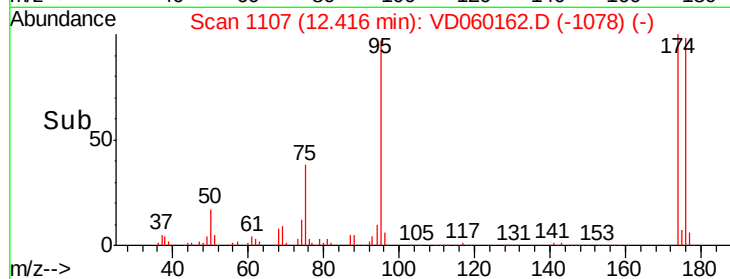
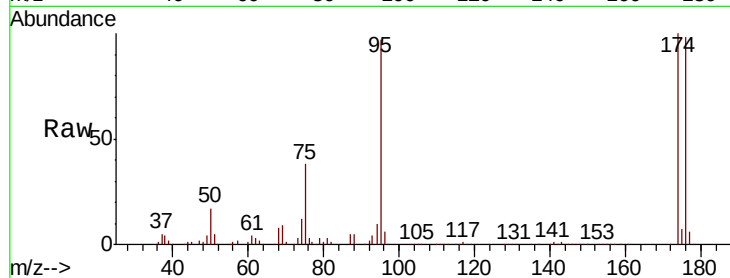
Tot Ion: 75 Resp: 317434

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

