

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 01:16:46 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	615077	64.25	ug/l	0.00
Spiked Amount			Recovery	=	128.50%	
35) Dibromofluoromethane	6.30	113	785061	59.32	ug/l	0.00
Spiked Amount			Recovery	=	118.64%	
50) Toluene-d8	9.43	98	2189176	58.01	ug/l	0.00
Spiked Amount			Recovery	=	116.02%	
62) 4-Bromofluorobenzene	12.42	95	771687	54.61	ug/l	0.00
Spiked Amount			Recovery	=	109.22%	

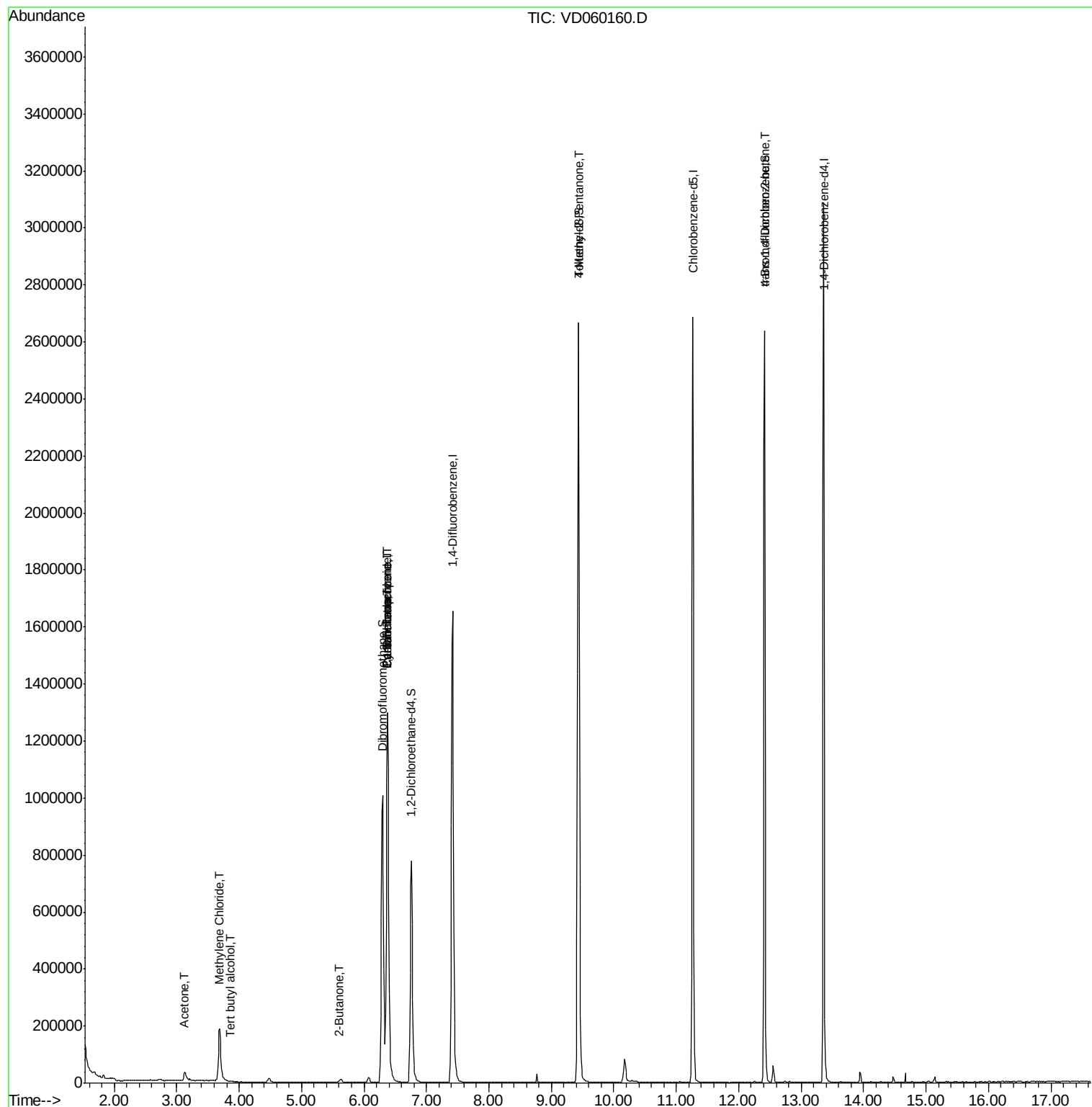
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.86	59	773	1.126	ug/l #	74
16) Acetone	3.13	43	55654	32.038	ug/l	92
20) Methylene Chloride	3.69	84	113881	4.407	ug/l	94
25) 2-Butanone	5.59	43	5419	1.249	ug/l #	59
31) Cyclohexane	6.37	56	23383	1.127	ug/l #	1
36) 1,1-Dichloropropene	6.37	75	86558	5.197	ug/l #	46
38) Carbon Tetrachloride	6.37	117	94459	6.249	ug/l #	15
51) 4-Methyl-2-Pentanone	9.42	43	11716	1.277	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.41	75	310476	108.785	ug/l #	13

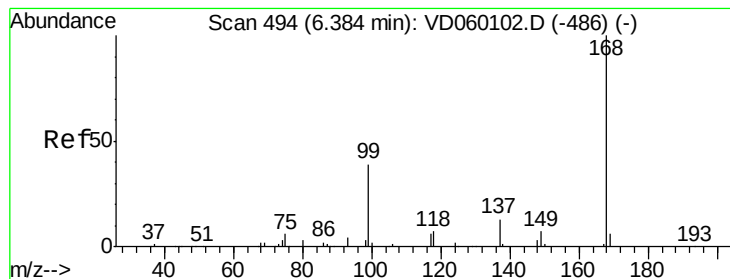
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100918\
Data File : VD060160.D
Acq On : 9 Oct 2018 19:32
Operator : VA/AP
Sample : J5326-13
Misc : 6.11a/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FL-PIT-4

Quant Time: Oct 10 01:16:46 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: VD060160.D

Acq: 9 Oct 2018 19:32

Instrument :

MSVOA_D

ClientSampled :

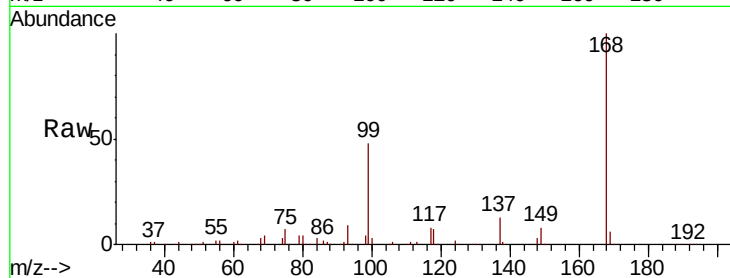
FL-PIT-4

Tot Ion:168 Resp: 1262960

Ion Ratio Lower Upper

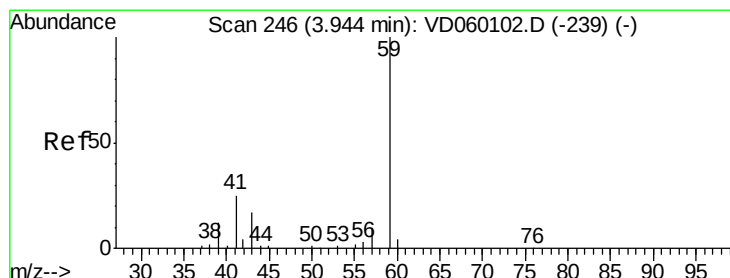
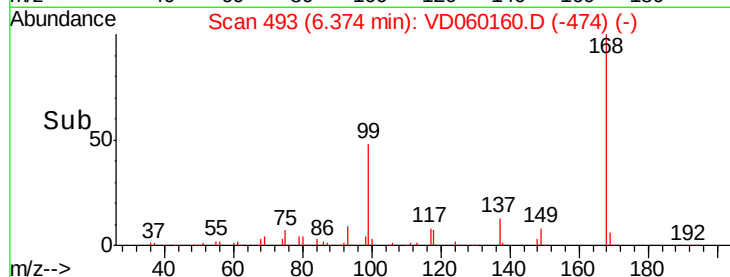
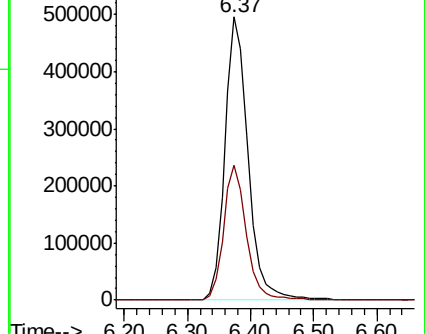
168 100

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): V



#11

Tert butyl alcohol

Concen: 1.126 ug/l

RT: 3.86 min Scan# 238

Delta R.T. -0.08 min

Lab File: VD060160.D

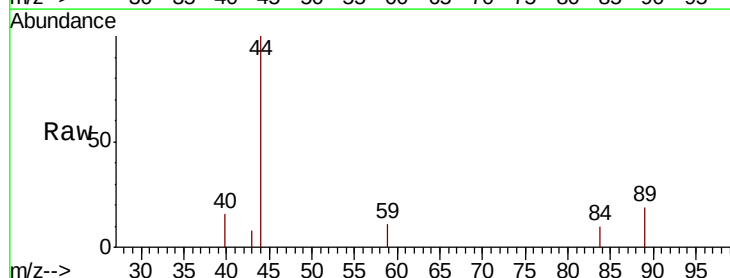
Acq: 9 Oct 2018 19:32

Tgt Ion: 59 Resp: 773

Ion Ratio Lower Upper

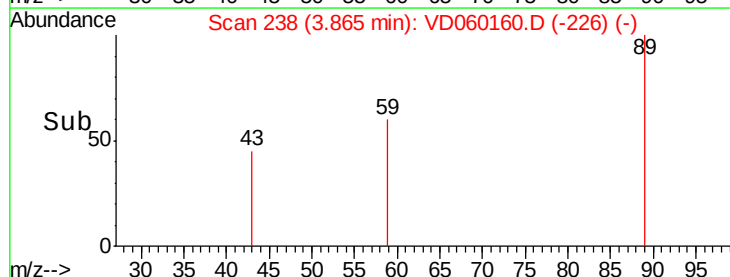
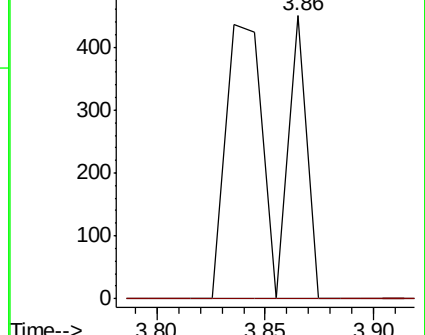
59 100

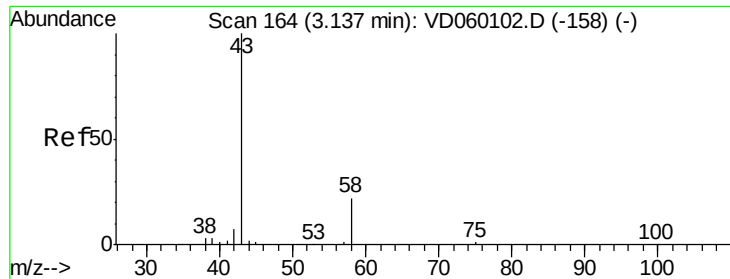
57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): V

Ion 56.95 (56.65 to 57.65): V





#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

Instrument :

MSVOA_D

ClientSampleId :

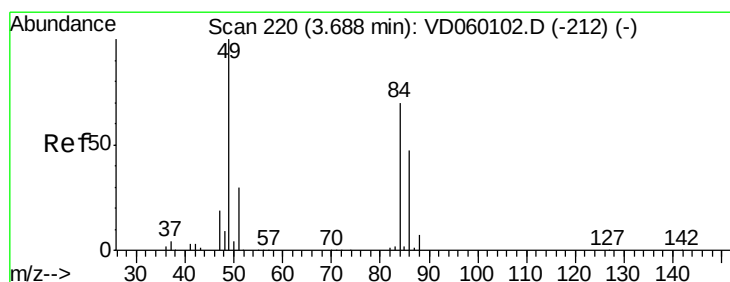
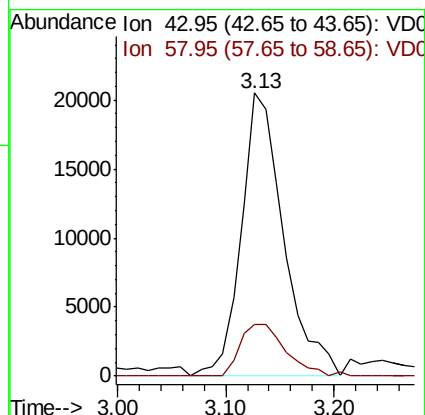
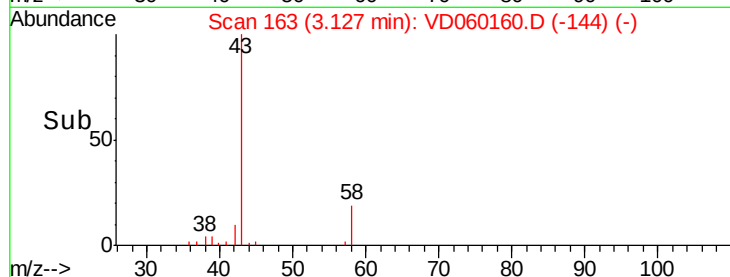
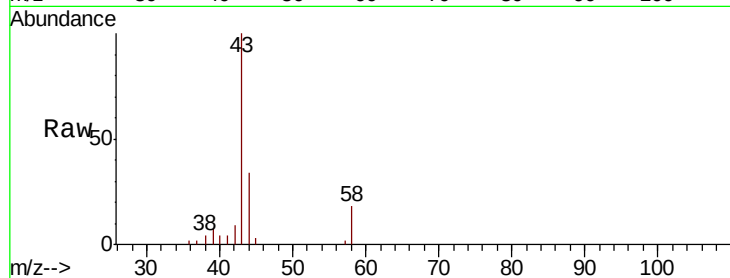
FL-PIT-4

Tot Ion: 43 Resp: 55654

Ion Ratio Lower Upper

43 100

58 18.1 17.7 26.5



#20

Methylene 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

Tgt Ion: 84 Resp: 113881

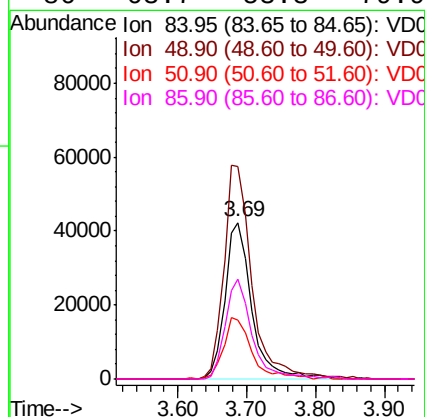
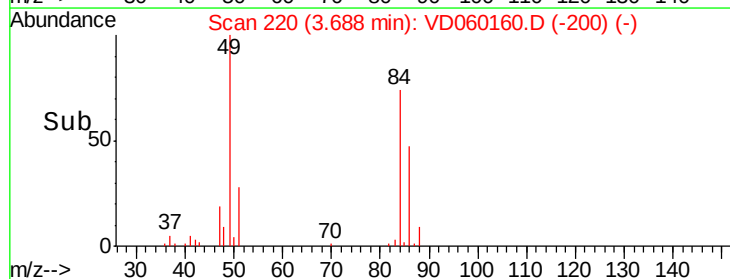
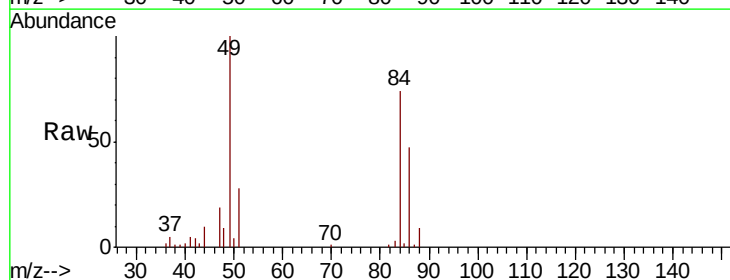
Ion Ratio Lower Upper

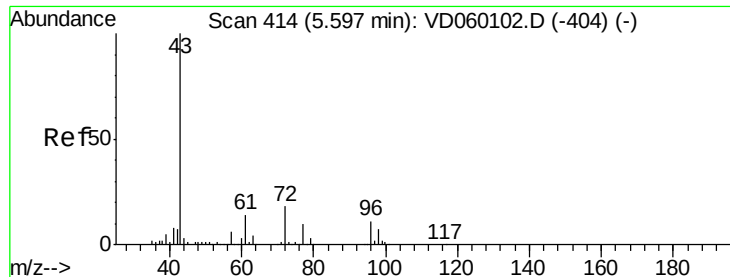
84 100

49 136.0 114.6 172.0

51 37.8 33.8 50.8

86 63.7 53.3 79.9





#25

2-Butanone

Concen: 1.249 ug/l

RT: 5.59 min Scan# 413

Delta R.T. -0.01 min

Lab File: VD060160.D

Acq: 9 Oct 2018 19:32

Instrument :

MSVOA_D

ClientSampleId :

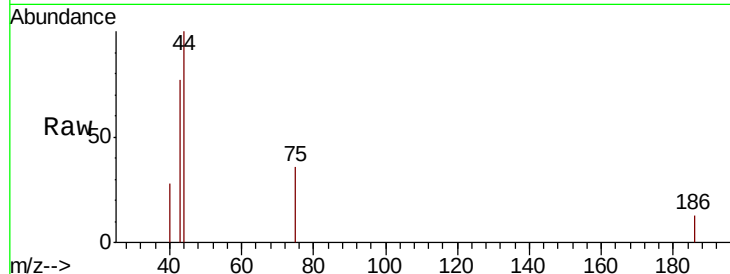
FL-PIT-4

Tot Ion: 43 Resp: 5419

Ion Ratio Lower Upper

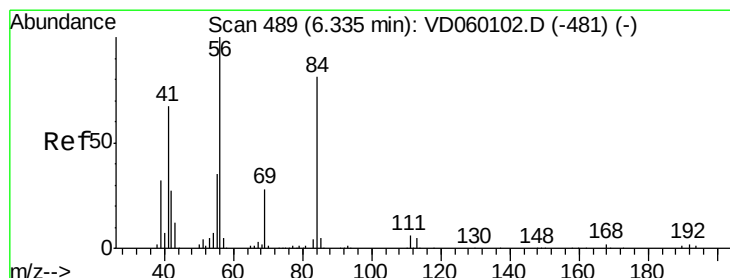
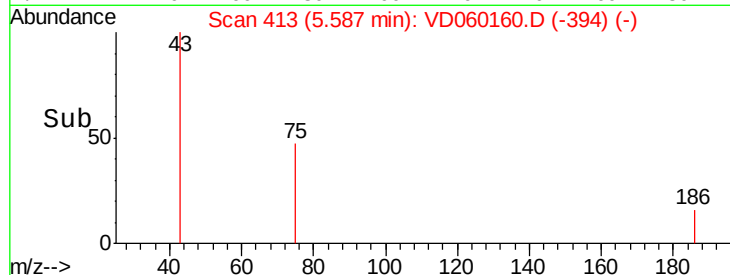
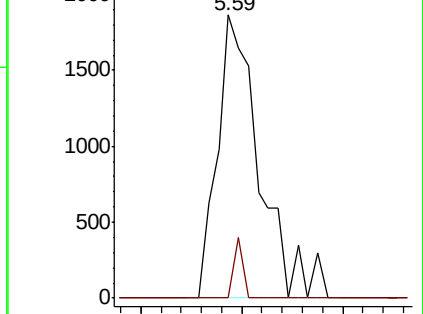
43 100

72 0.0 14.5 21.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.127 ug/l

RT: 6.37 min Scan# 493

Delta R.T. 0.04 min

Lab File: VD060160.D

Acq: 9 Oct 2018 19:32

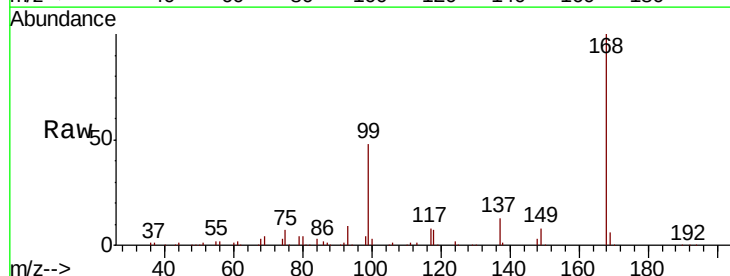
Tgt Ion: 56 Resp: 23383

Ion Ratio Lower Upper

56 100

69 229.8 22.8 34.2#

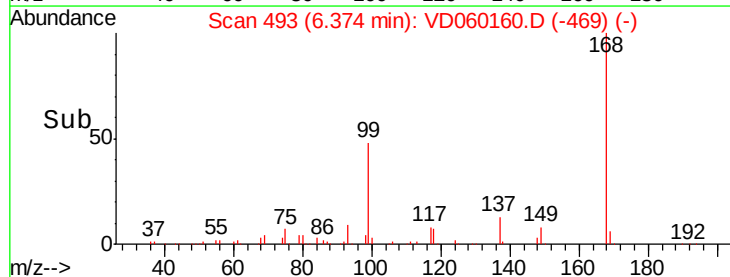
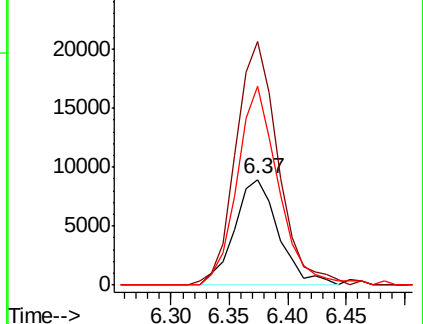
84 188.2 64.9 97.3#

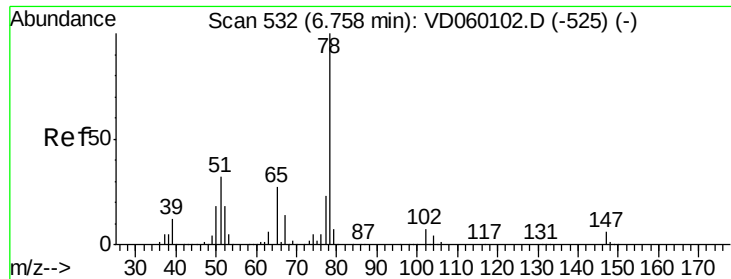


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

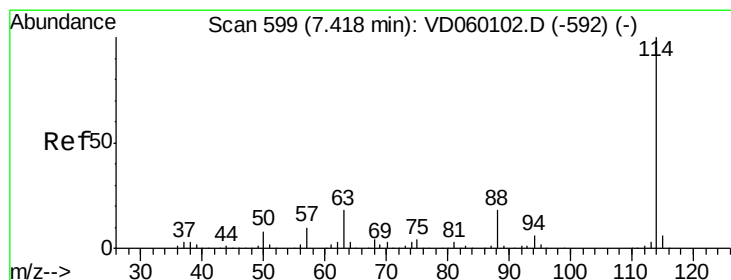
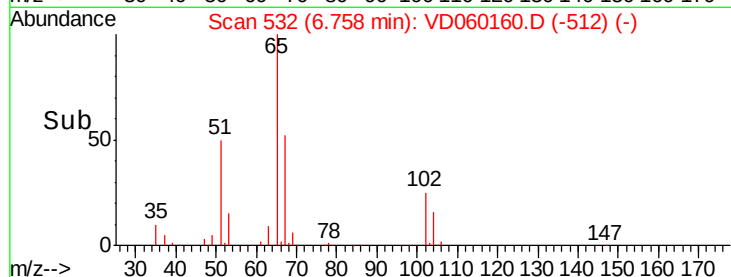
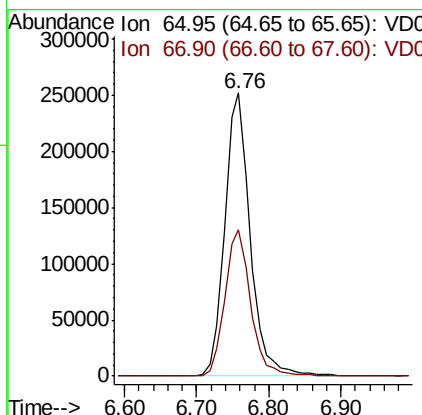
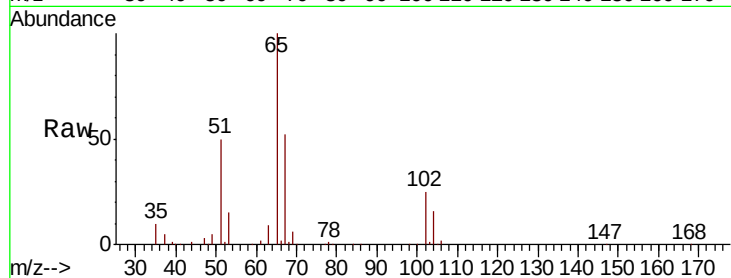




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VD060160.D
 Acq: 9 Oct 2018 19:32

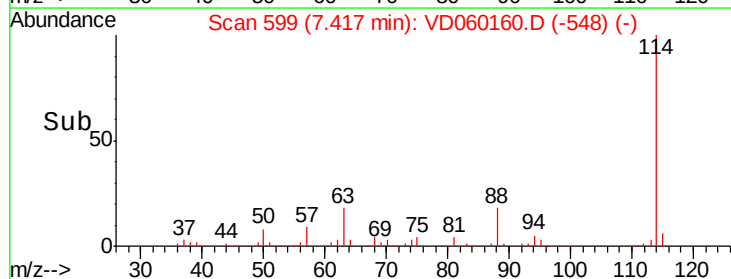
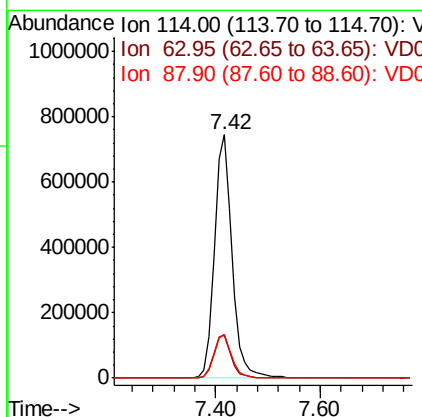
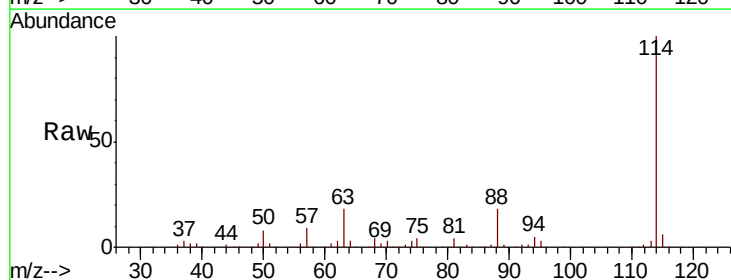
Instrument :
 MSVOA_D
 ClientSampleId :
 FL-PIT-4

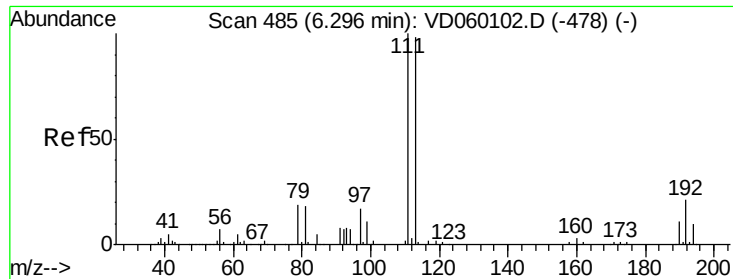
Tot Ion: 65 Resp: 615077
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.2



#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

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

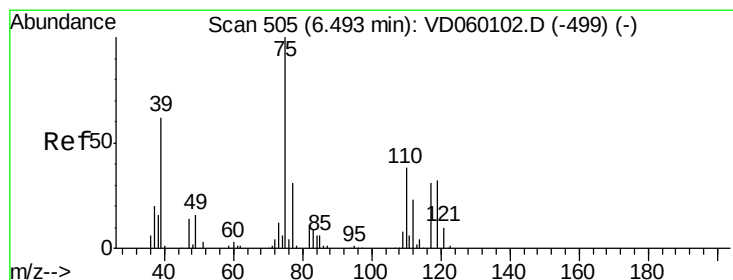
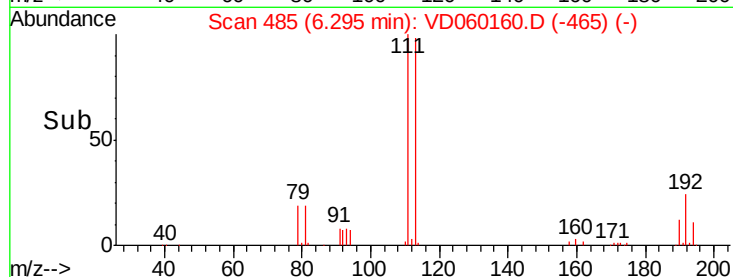
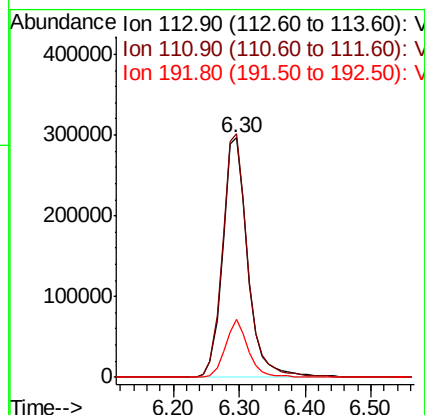
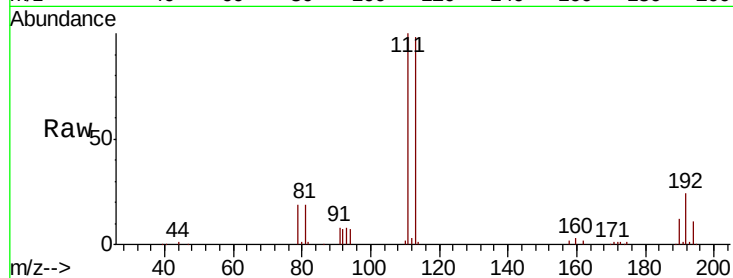




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: VD060160.D
 Acq: 9 Oct 2018 19:32

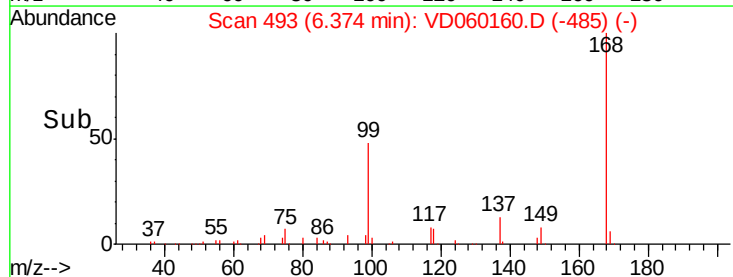
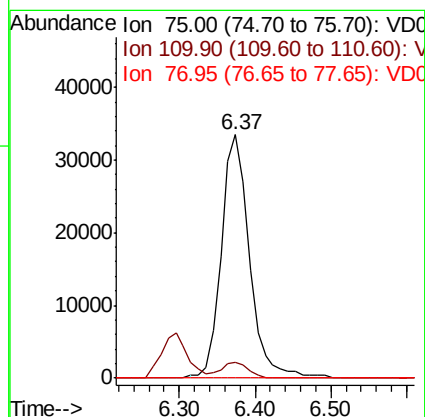
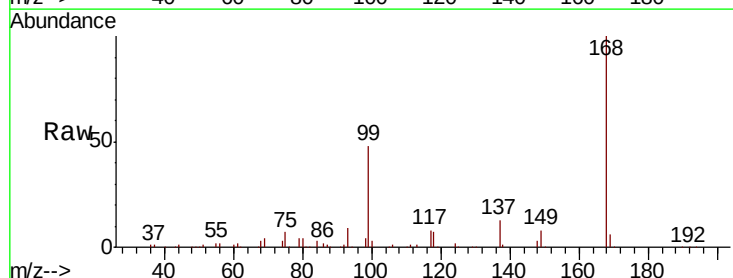
Instrument :
 MSVOA_D
 ClientSampleId :
 FL-PIT-4

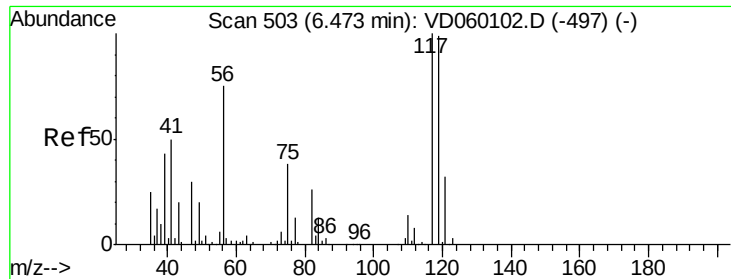
Tot Ion:113 Resp: 785061
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.5 122.3
 192 24.3 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 5.197 ug/l
 RT: 6.37 min Scan# 493
 Delta R.T. -0.12 min
 Lab File: VD060160.D
 Acq: 9 Oct 2018 19:32

Tgt Ion: 75 Resp: 86558
 Ion Ratio Lower Upper
 75 100
 110 6.3 19.0 57.0#
 77 0.0 24.9 37.3#

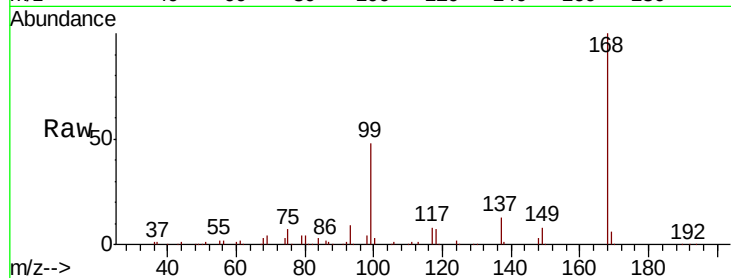




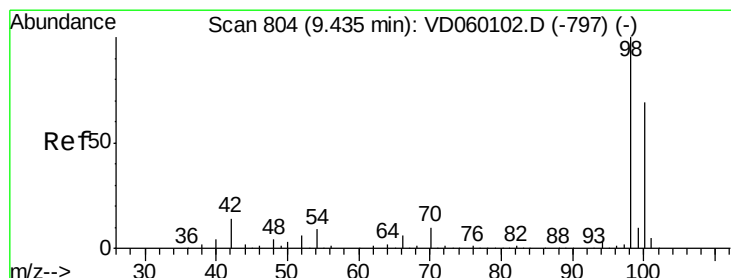
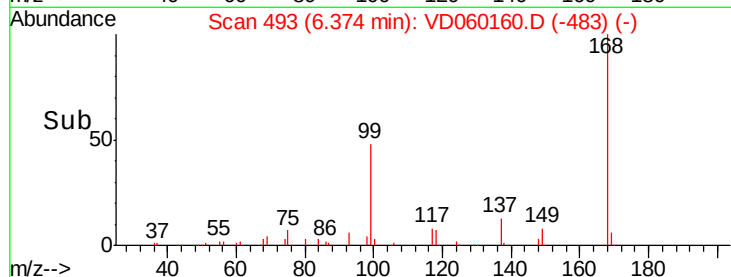
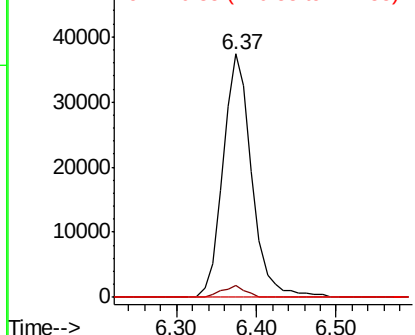
#38
Carbon Tetrachloride
Concen: 6.249 ug/l
RT: 6.37 min Scan# 493
Delta R.T. -0.10 min
Lab File: VD060160.D
Acq: 9 Oct 2018 19:32

Instrument :
MSVOA_D
ClientSampleId :
FL-PIT-4

Tot Ion:117 Resp: 94459
Ion Ratio Lower Upper
117 100
119 4.8 77.8 116.6#
121 0.0 24.8 37.2#

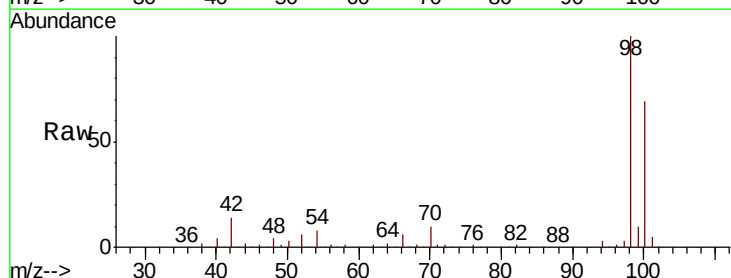


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

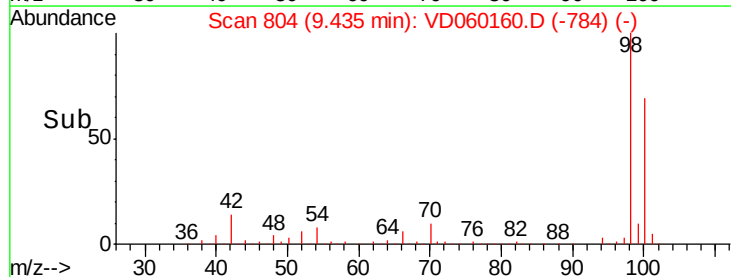
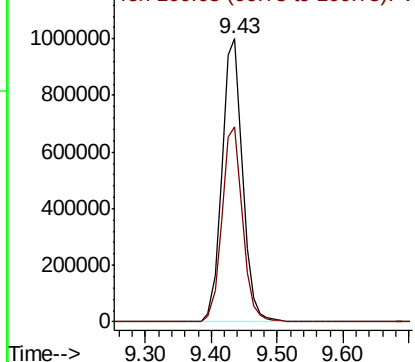


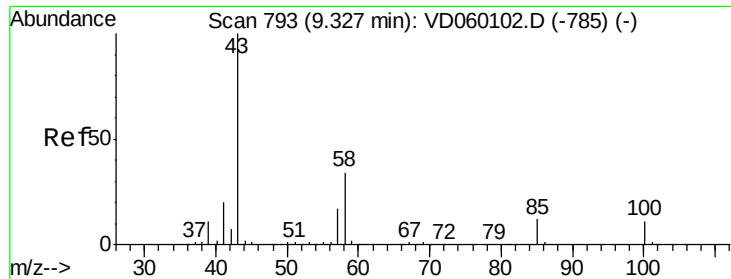
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.00 min
Lab File: VD060160.D
Acq: 9 Oct 2018 19:32

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



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





#51

4-Methyl-2-Pentanone

Concen: 1.277 ug/l

RT: 9.42 min Scan# 803

Delta R.T. 0.10 min

Lab File: VD060160.D

Acq: 9 Oct 2018 19:32

Instrument :

MSVOA_D

ClientSampleId :

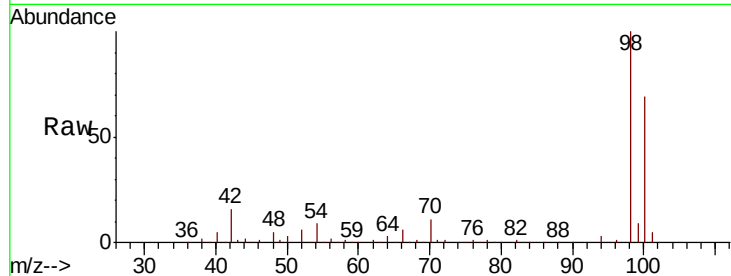
FL-PIT-4

Tot Ion: 43 Resp: 11716

Ion Ratio Lower Upper

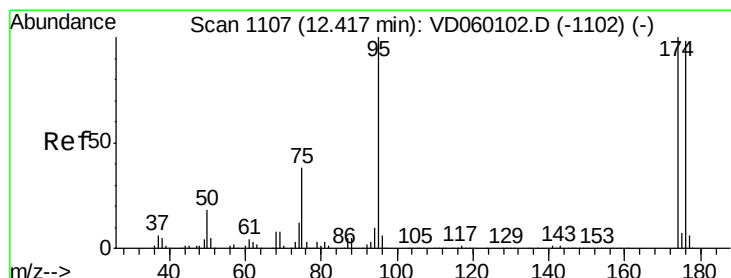
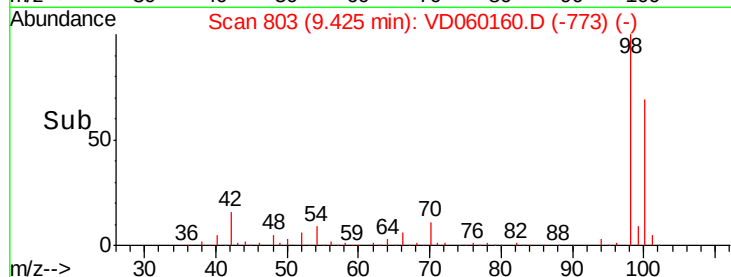
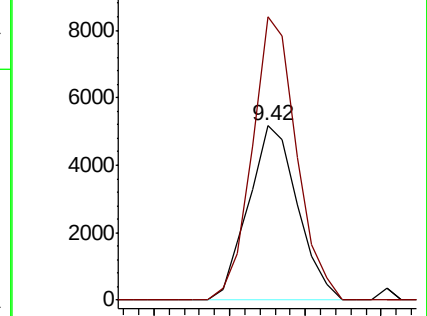
43 100

58 162.4 27.2 40.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#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

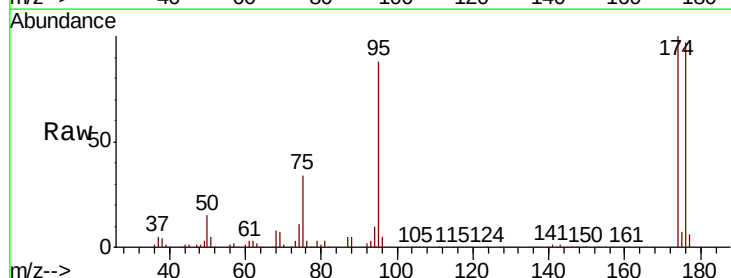
Tgt Ion: 95 Resp: 771687

Ion Ratio Lower Upper

95 100

174 113.4 0.0 200.2

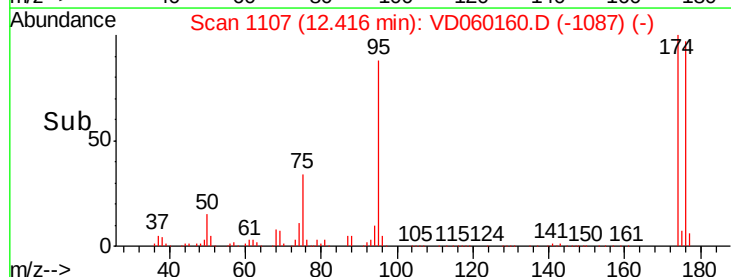
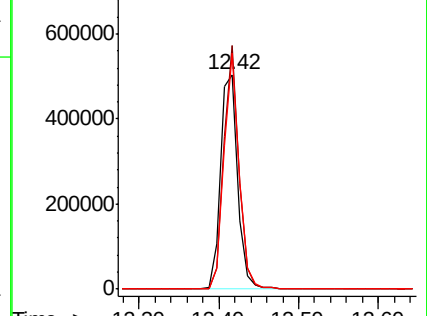
176 109.8 0.0 195.6

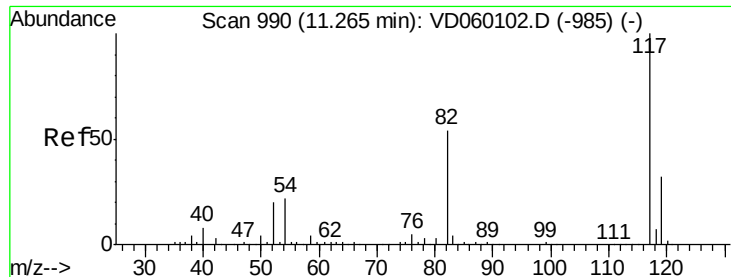


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

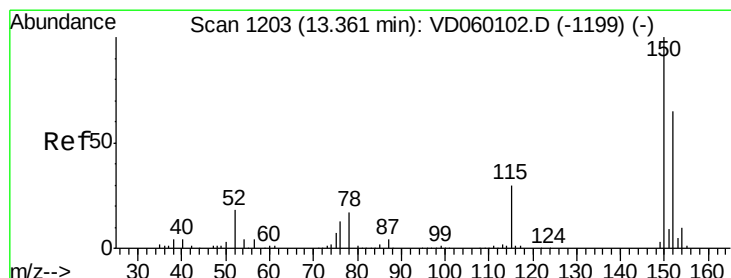
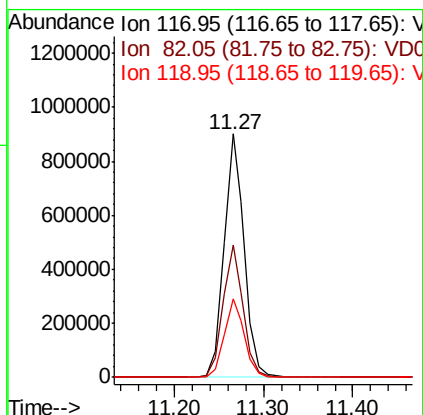
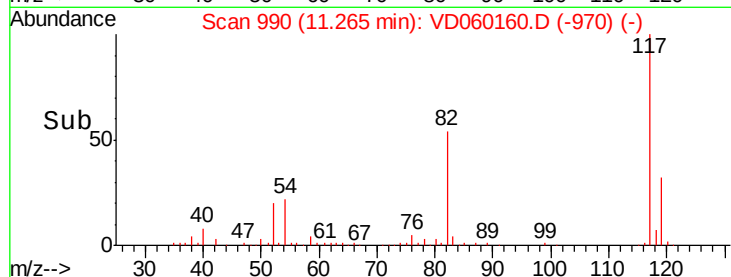
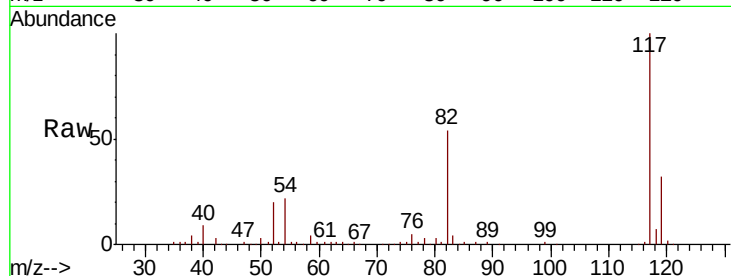




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.00 min
Lab File: VD060160.D
Acq: 9 Oct 2018 19:32

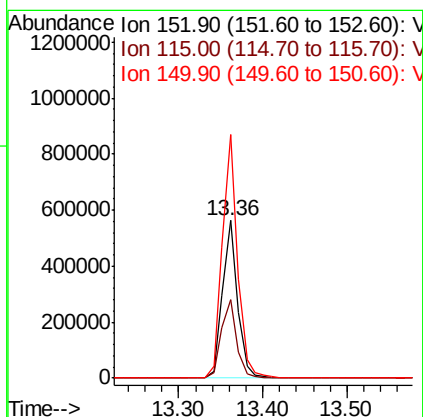
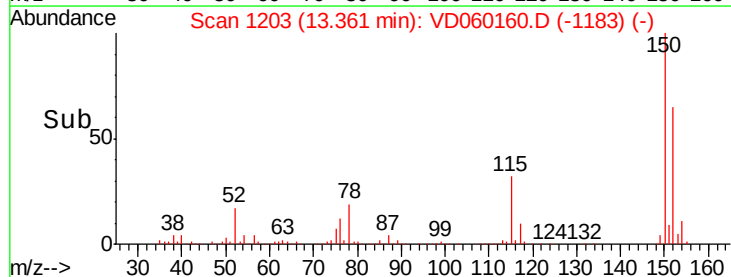
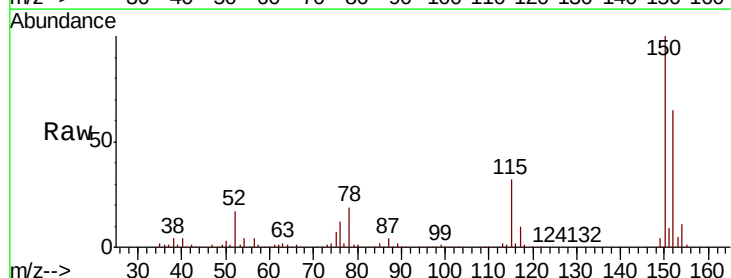
Instrument :
MSVOA_D
ClientSampleId :
FL-PIT-4

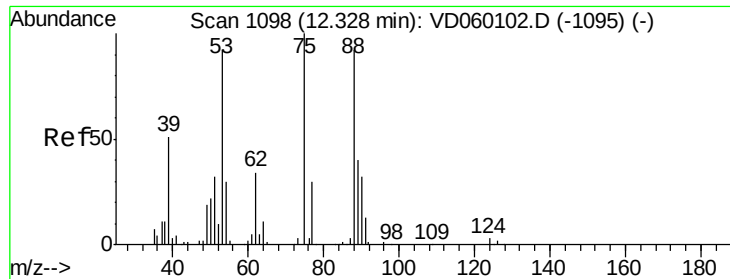
Tot Ion:117 Resp: 1432594
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.2
119 32.2 26.0 39.0



#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





#81

trans-1,4-Dichloro-2-butene

Concen: 108.785 ug/l

RT: 12.41 min Scan# 1106

Delta R.T. 0.08 min

Lab File: VD060160.D

Acq: 9 Oct 2018 19:32

Instrument :

MSVOA_D

ClientSampleId :

FL-PIT-4

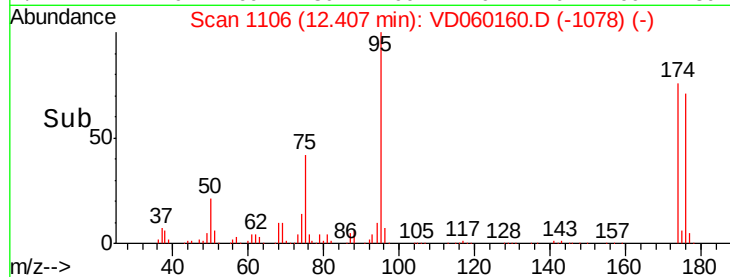
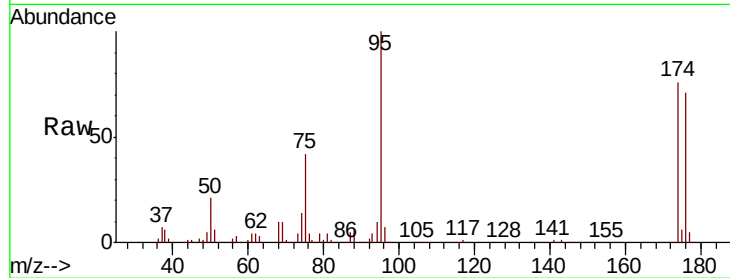
Tot Ion: 75 Resp: 310476

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

