

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
 Data File : VD060165.D
 Acq On : 9 Oct 2018 21:55
 Operator : VA/AP
 Sample : J5326-33
 Misc : 4.48g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FL-PH-2-STONE

Quant Time: Oct 10 01:17:39 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

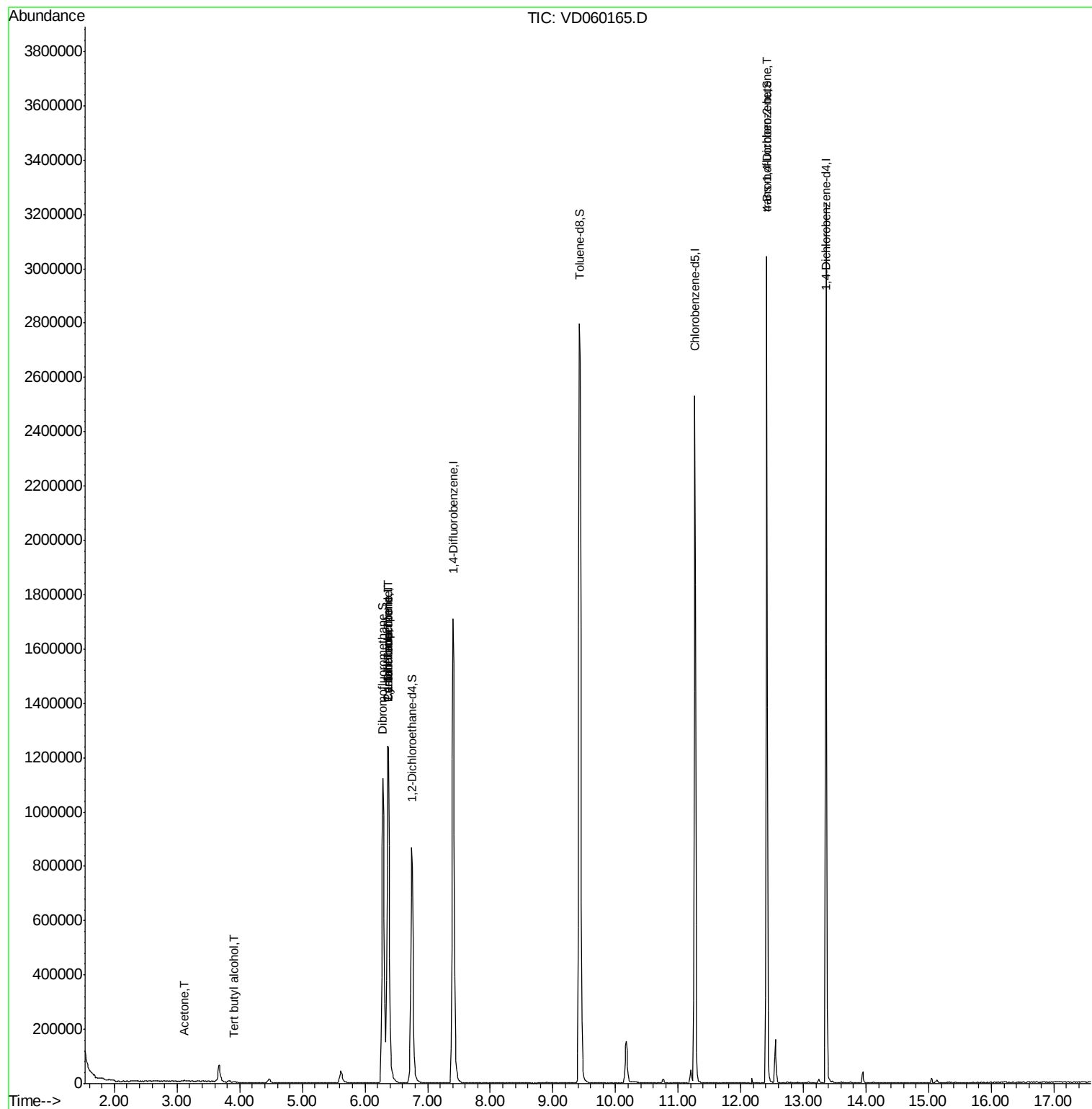
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1248253	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.41	114	1783308	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.26	117	1367418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	722653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	666387	70.43	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	140.86%	
35) Dibromofluoromethane	6.28	113	842657	62.23	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	124.46%	
50) Toluene-d8	9.42	98	2306476	59.73	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	119.46%	
62) 4-Bromofluorobenzene	12.42	95	826718	57.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.92	59	1561	2.300	ug/l #	74
16) Acetone	3.12	43	7541	4.392	ug/l #	74
20) Methylene Chloride	3.68	84	34354	Below Cal		96
31) Cyclohexane	6.36	56	22338	1.090	ug/l #	1
36) 1,1-Dichloropropene	6.37	75	86605	5.082	ug/l #	46
38) Carbon Tetrachloride	6.36	117	94741	6.125	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.42	75	332886	113.836	ug/l #	13

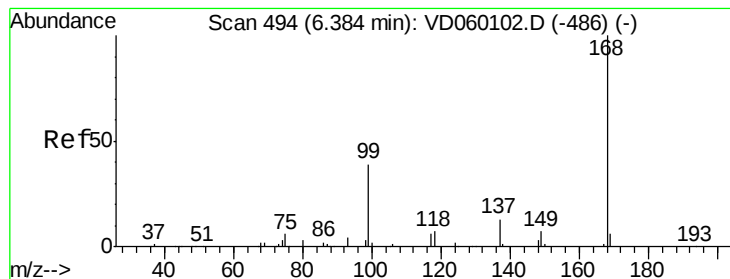
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100918\
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Quant Time: Oct 10 01:17:39 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: VD060165.D

Acq: 9 Oct 2018 21:55

Instrument :

MSVOA_D

ClientSampleId :

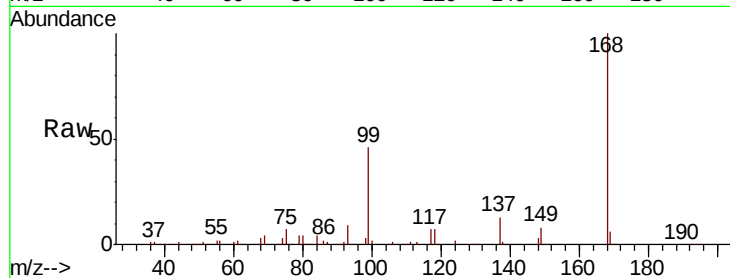
FL-PH-2-STONE

Tot Ion:168 Resp: 1248253

Ion Ratio Lower Upper

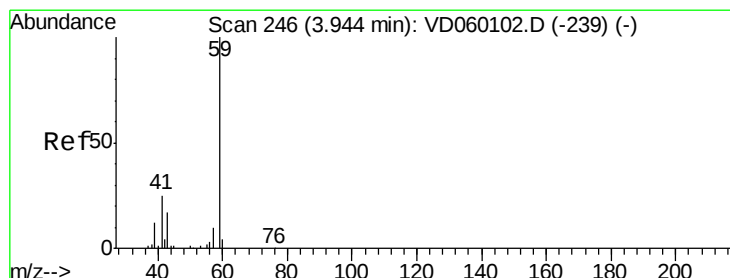
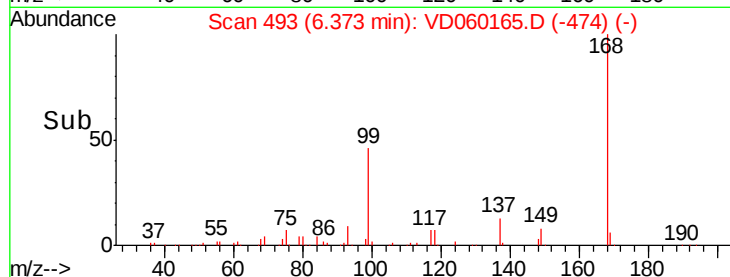
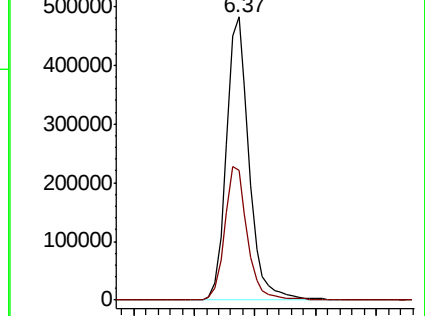
168 100

99 45.9 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 2.300 ug/l

RT: 3.92 min Scan# 244

Delta R.T. -0.02 min

Lab File: VD060165.D

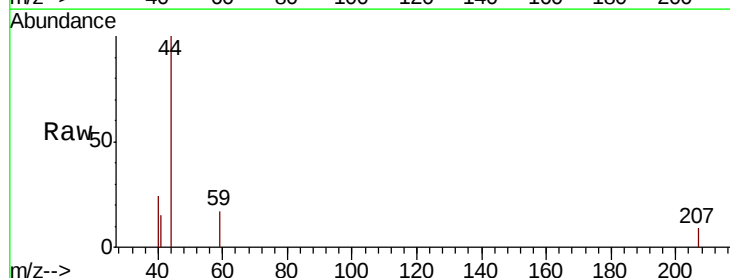
Acq: 9 Oct 2018 21:55

Tgt Ion: 59 Resp: 1561

Ion Ratio Lower Upper

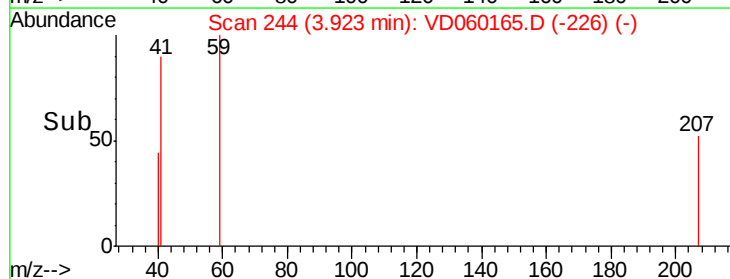
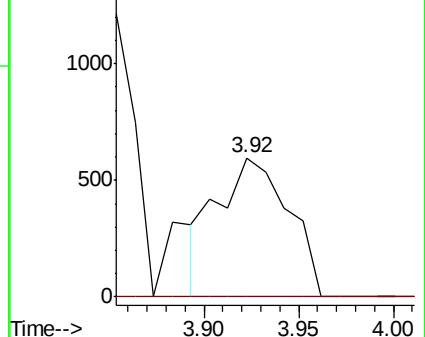
59 100

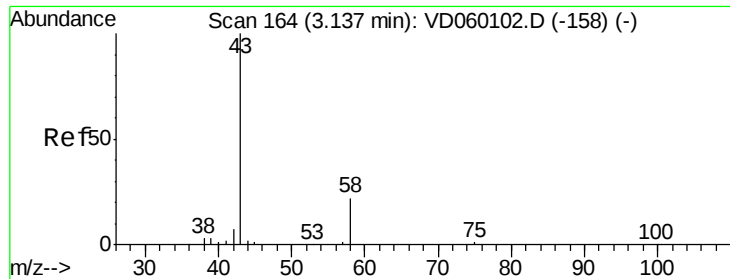
57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 4.392 ug/l

RT: 3.12 min Scan# 162

Delta R.T. -0.02 min

Lab File: VD060165.D

Acq: 9 Oct 2018 21:55

Instrument :

MSVOA_D

ClientSampleId :

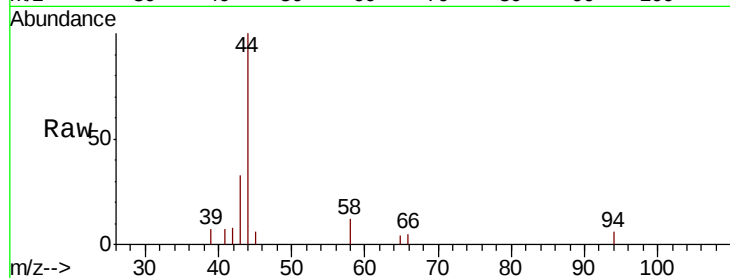
FL-PH-2-STONE

Tot Ion: 43 Resp: 7541

Ion Ratio Lower Upper

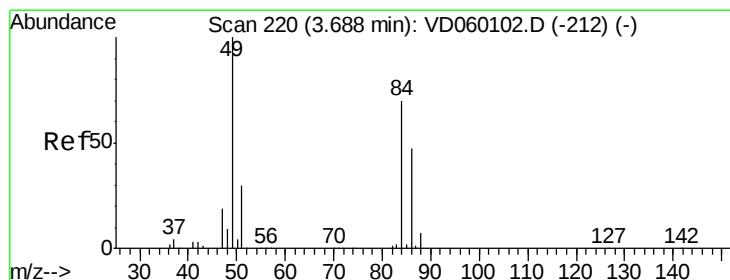
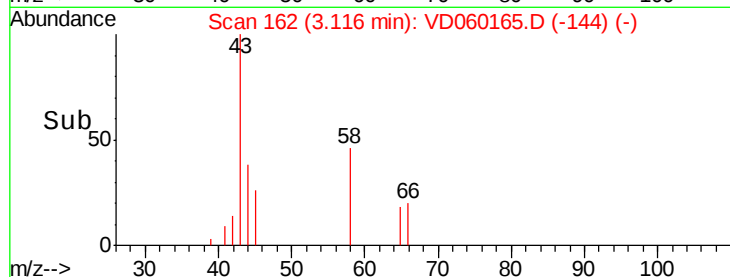
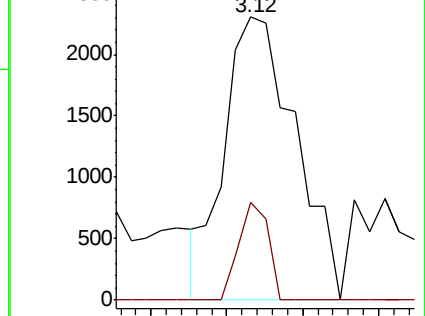
43 100

58 34.5 17.7 26.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 3.68 min Scan# 219

Delta R.T. -0.01 min

Lab File: VD060165.D

Acq: 9 Oct 2018 21:55

Tgt Ion: 84 Resp: 34354

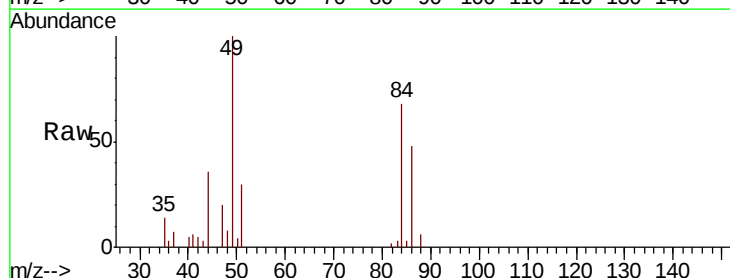
Ion Ratio Lower Upper

84 100

49 147.8 114.6 172.0

51 45.1 33.8 50.8

86 71.1 53.3 79.9

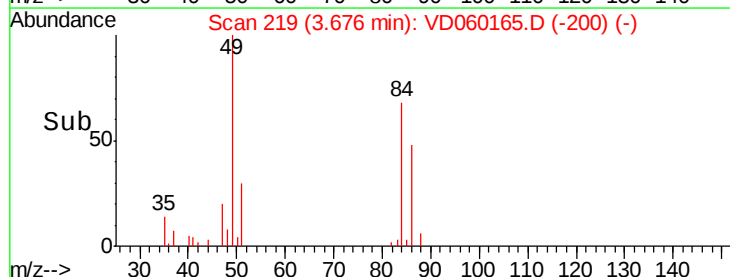
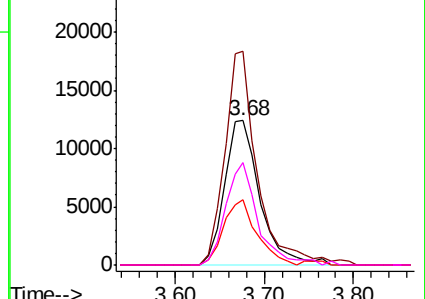


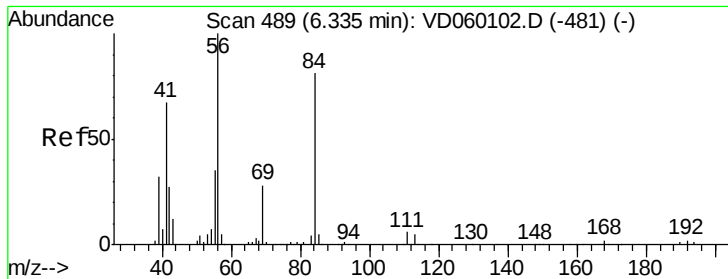
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

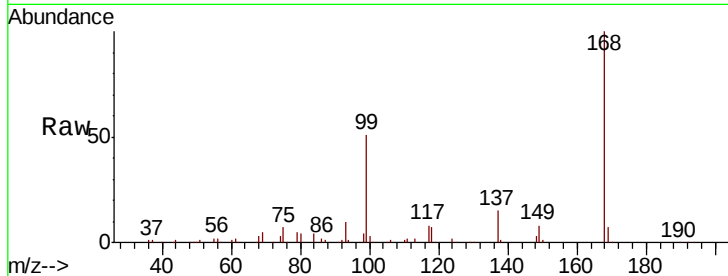




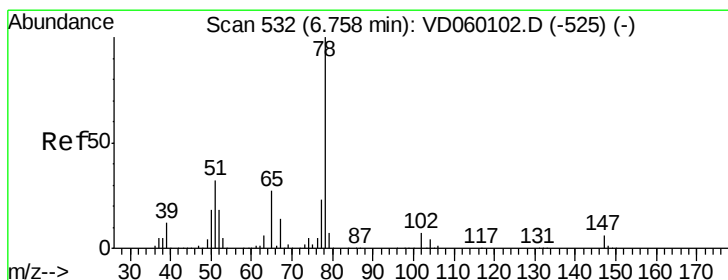
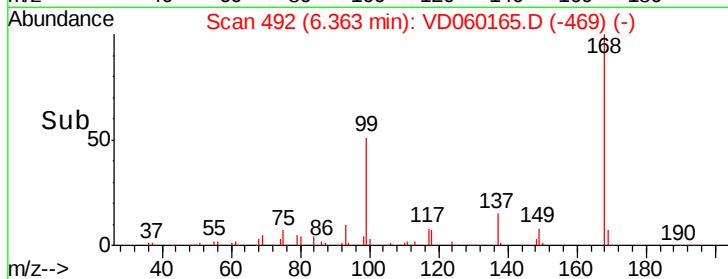
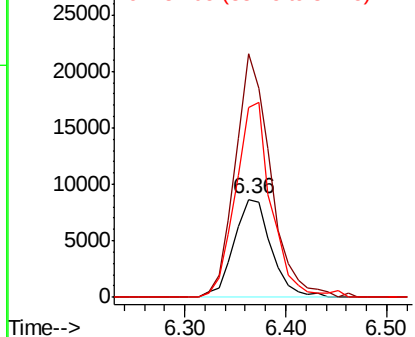
#31
Cyclohexane
Concen: 1.090 ug/l
RT: 6.36 min Scan# 492
Delta R.T. 0.03 min
Lab File: VD060165.D
Acq: 9 Oct 2018 21:55

Instrument :
MSVOA_D
ClientSampleId :
FL-PH-2-STONE

Tot Ion: 56 Resp: 22338
Ion Ratio Lower Upper
56 100
69 248.4 22.8 34.2#
84 193.1 64.9 97.3#

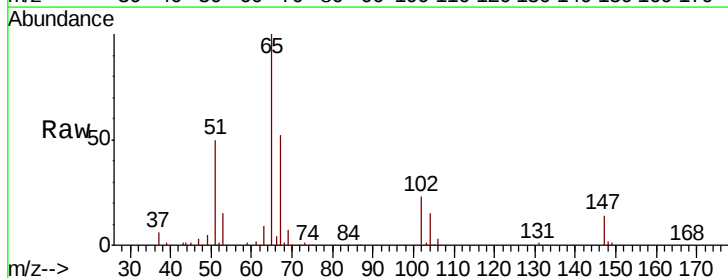


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

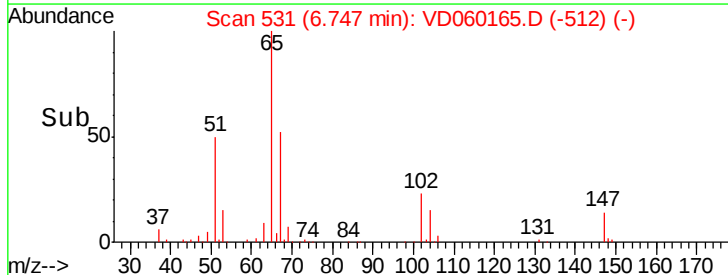
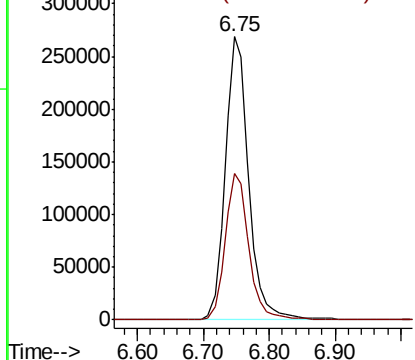


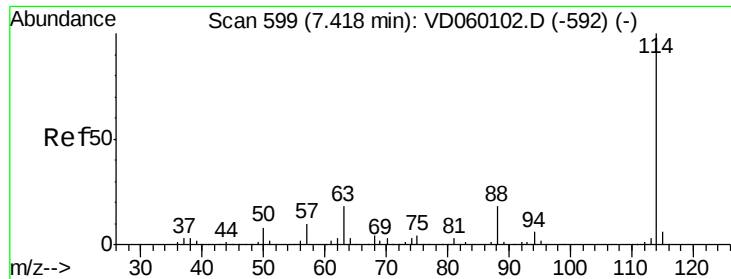
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.75 min Scan# 531
Delta R.T. -0.01 min
Lab File: VD060165.D
Acq: 9 Oct 2018 21:55

Tgt Ion: 65 Resp: 666387
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.41 min Scan# 598

Delta R.T. -0.01 min

Lab File: VD060165.D

Acq: 9 Oct 2018 21:55

Instrument :

MSVOA_D

ClientSampleId :

FL-PH-2-STONE

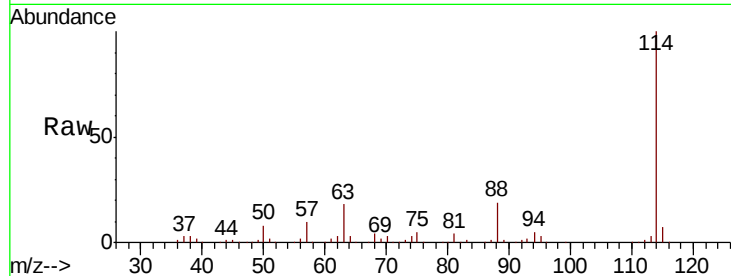
Tot Ion:114 Resp: 1783308

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.0

88 18.8 0.0 36.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V

800000

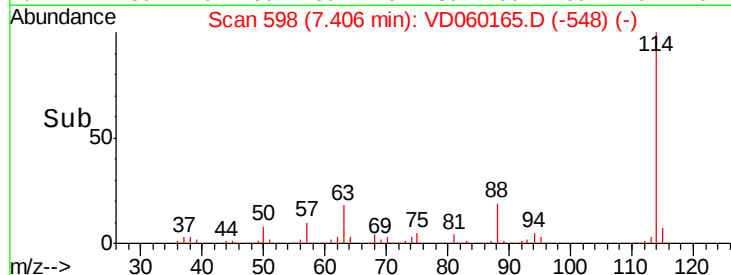
600000

400000

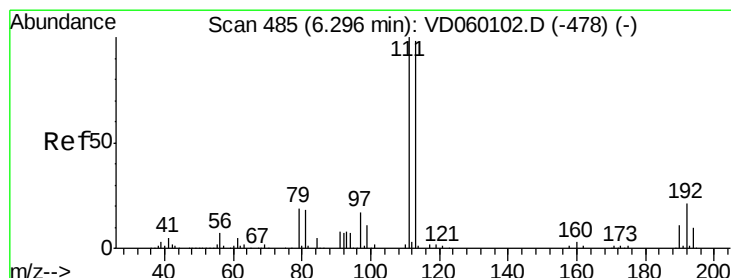
200000

0

7.20 7.40 7.60



Time-->



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.28 min Scan# 484

Delta R.T. -0.01 min

Lab File: VD060165.D

Acq: 9 Oct 2018 21:55

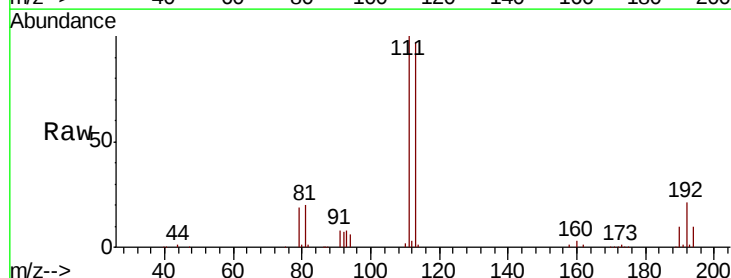
Tgt Ion:113 Resp: 842657

Ion Ratio Lower Upper

113 100

111 103.5 81.5 122.3

192 21.7 17.4 26.0



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

400000

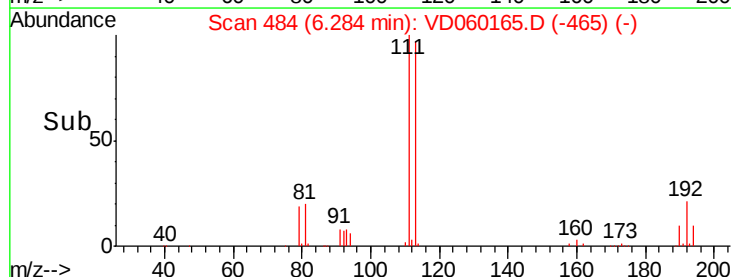
300000

200000

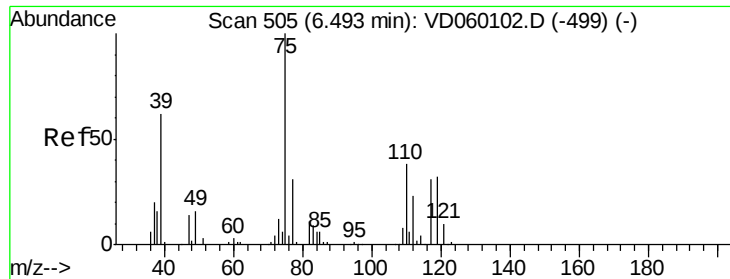
100000

0

6.20 6.30 6.40 6.50



Time-->



#36

1,1-Dichloropropene

Concen: 5.082 ug/l

RT: 6.37 min Scan# 493

Delta R.T. -0.12 min

Lab File: VD060165.D

Acq: 9 Oct 2018 21:55

Instrument :

MSVOA_D

ClientSampleId :

FL-PH-2-STONE

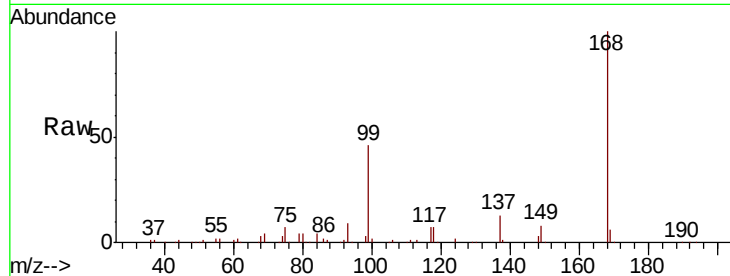
Tot Ion: 75 Resp: 86605

Ion Ratio Lower Upper

75 100

110 7.0 19.0 57.0#

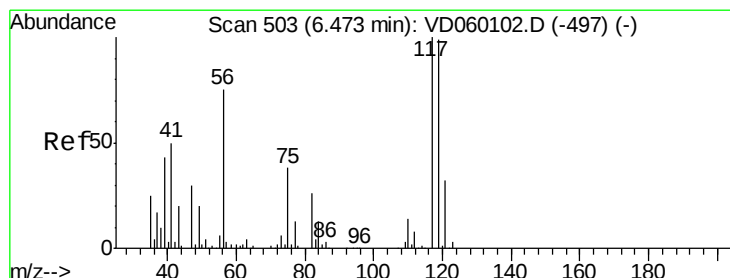
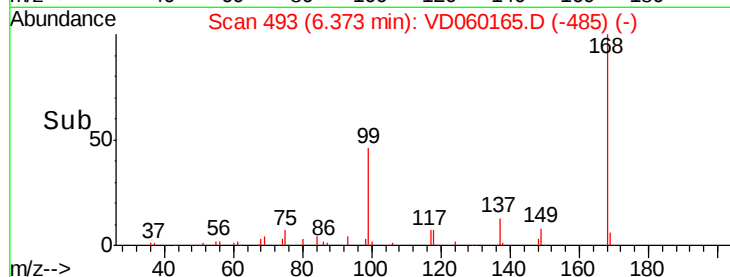
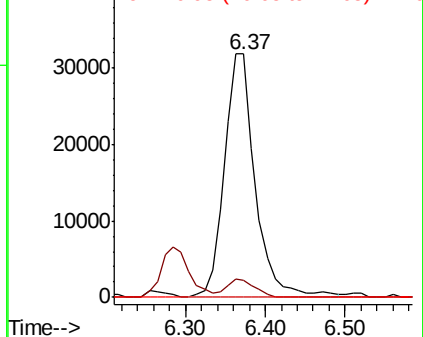
77 0.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 6.125 ug/l

RT: 6.36 min Scan# 492

Delta R.T. -0.11 min

Lab File: VD060165.D

Acq: 9 Oct 2018 21:55

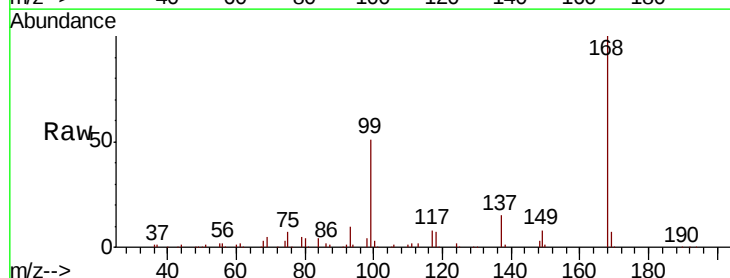
Tgt Ion: 117 Resp: 94741

Ion Ratio Lower Upper

117 100

119 4.6 77.8 116.6#

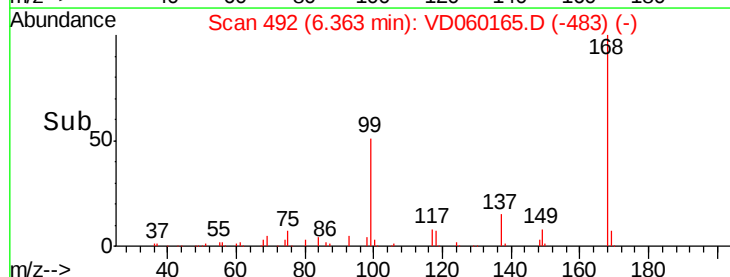
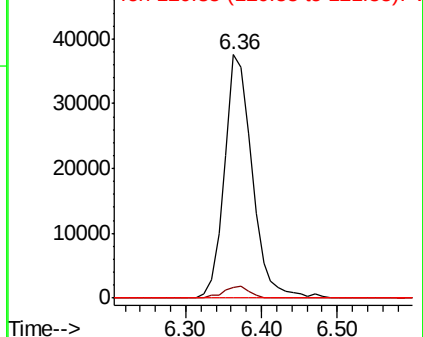
121 0.0 24.8 37.2#

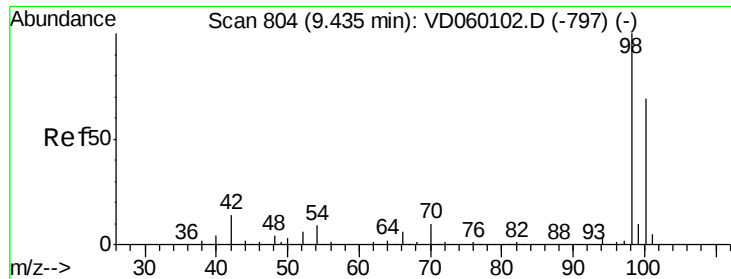


Abundance Ion 116.85 (116.55 to 117.55): V

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: 9.42 min Scan# 803

Delta R.T. -0.01 min

Lab File: VD060165.D

Acq: 9 Oct 2018 21:55

Instrument :

MSVOA_D

ClientSampleId :

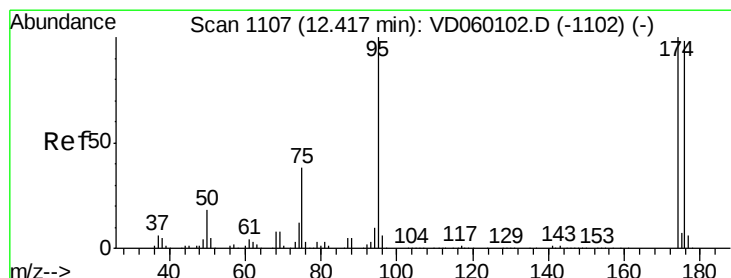
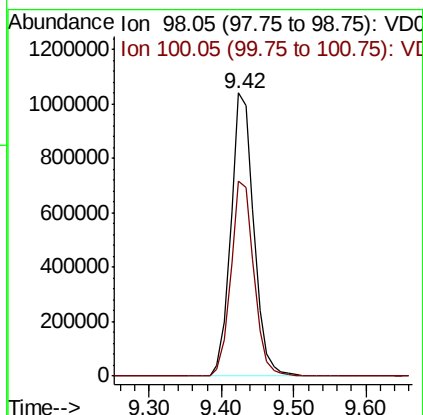
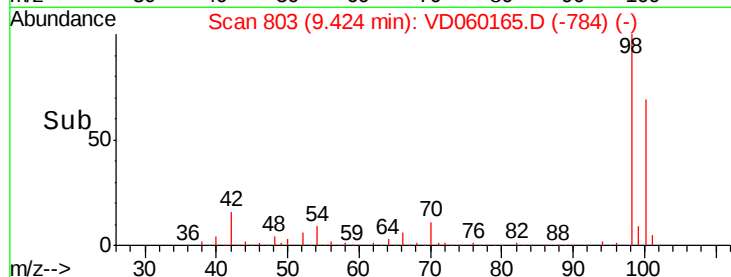
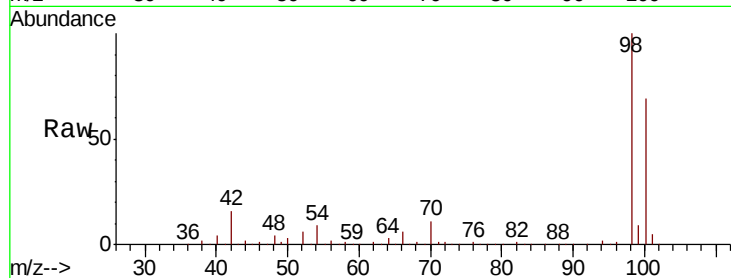
FL-PH-2-STONE

Tot Ion: 98 Resp: 2306476

Ion Ratio Lower Upper

98 100

100 68.8 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: VD060165.D

Acq: 9 Oct 2018 21:55

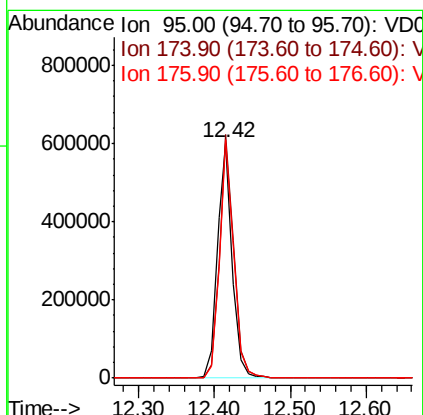
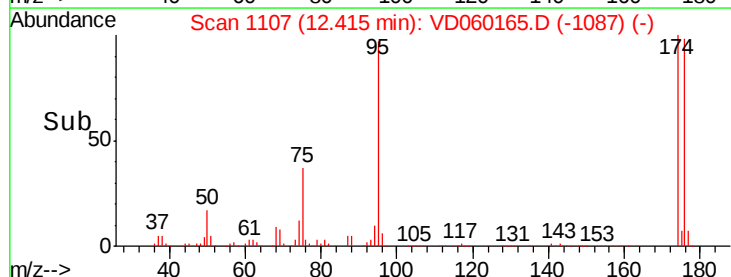
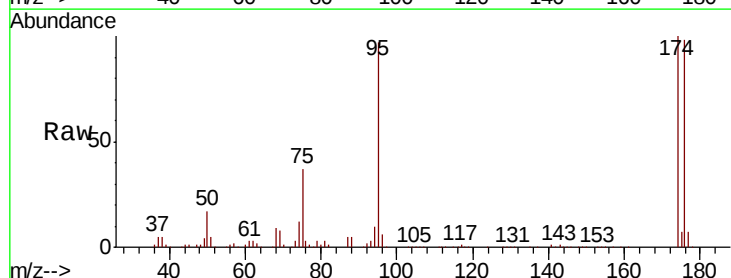
Tgt Ion: 95 Resp: 826718

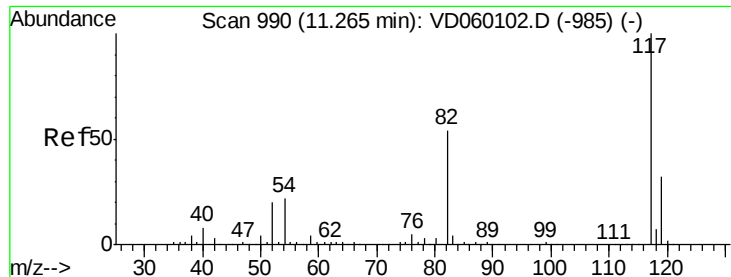
Ion Ratio Lower Upper

95 100

174 103.6 0.0 200.2

176 101.5 0.0 195.6

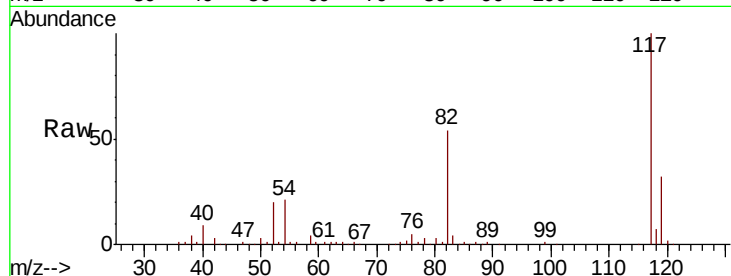




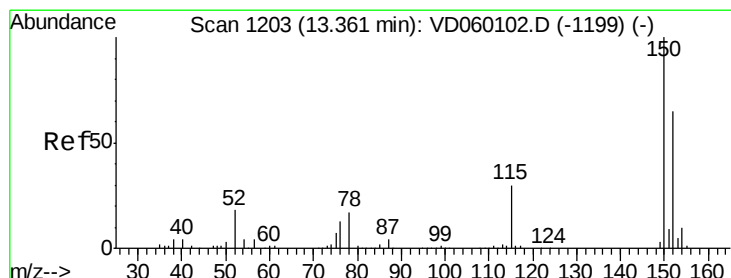
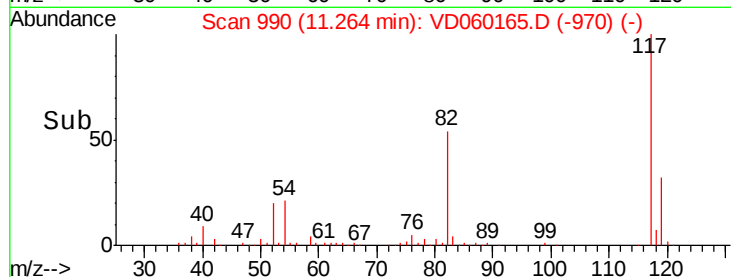
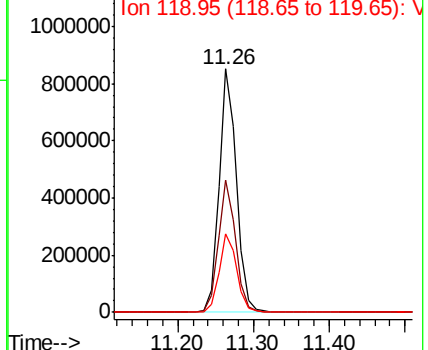
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 990
Delta R.T. -0.00 min
Lab File: VD060165.D
Acq: 9 Oct 2018 21:55

Instrument :
MSVOA_D
ClientSampleId :
FL-PH-2-STONE

Tot Ion:117 Resp: 1367418
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.2
119 32.4 26.0 39.0

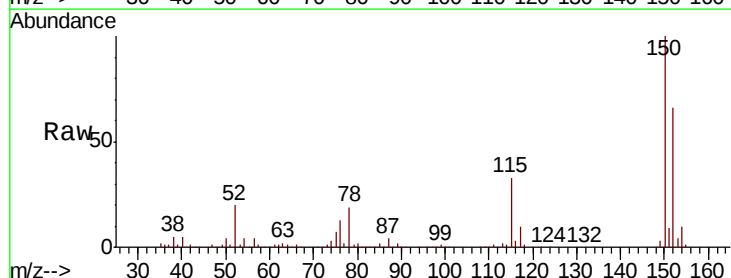


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

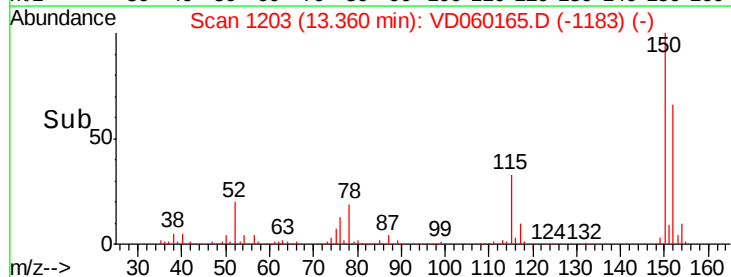
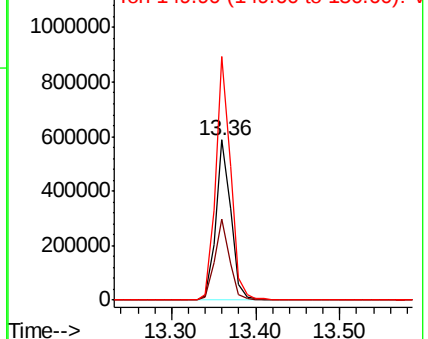


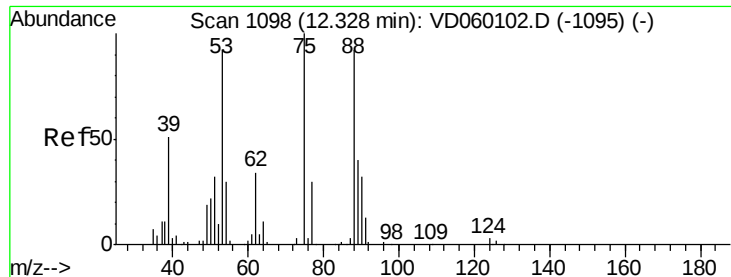
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD060165.D
Acq: 9 Oct 2018 21:55

Tgt Ion:152 Resp: 722653
Ion Ratio Lower Upper
152 100
115 50.5 27.1 81.2
150 152.3 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: 113.836 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.09 min

Lab File: VD060165.D

Acq: 9 Oct 2018 21:55

Instrument :

MSVOA_D

ClientSampleId :

FL-PH-2-STONE

Tot Ion: 75 Resp: 332886

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#

