

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101018\
 Data File : VD060168.D
 Acq On : 10 Oct 2018 11:40
 Operator : VA/AP
 Sample : VD1010SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1010SBL01

Quant Time: Oct 11 01:09:03 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	6.39	168	1579652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	2123299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1798231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	938531	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.76	65	659193	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	6.30	113	838372	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
50) Toluene-d8	9.44	98	2327390	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.42	95	887912	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	

Target Compounds

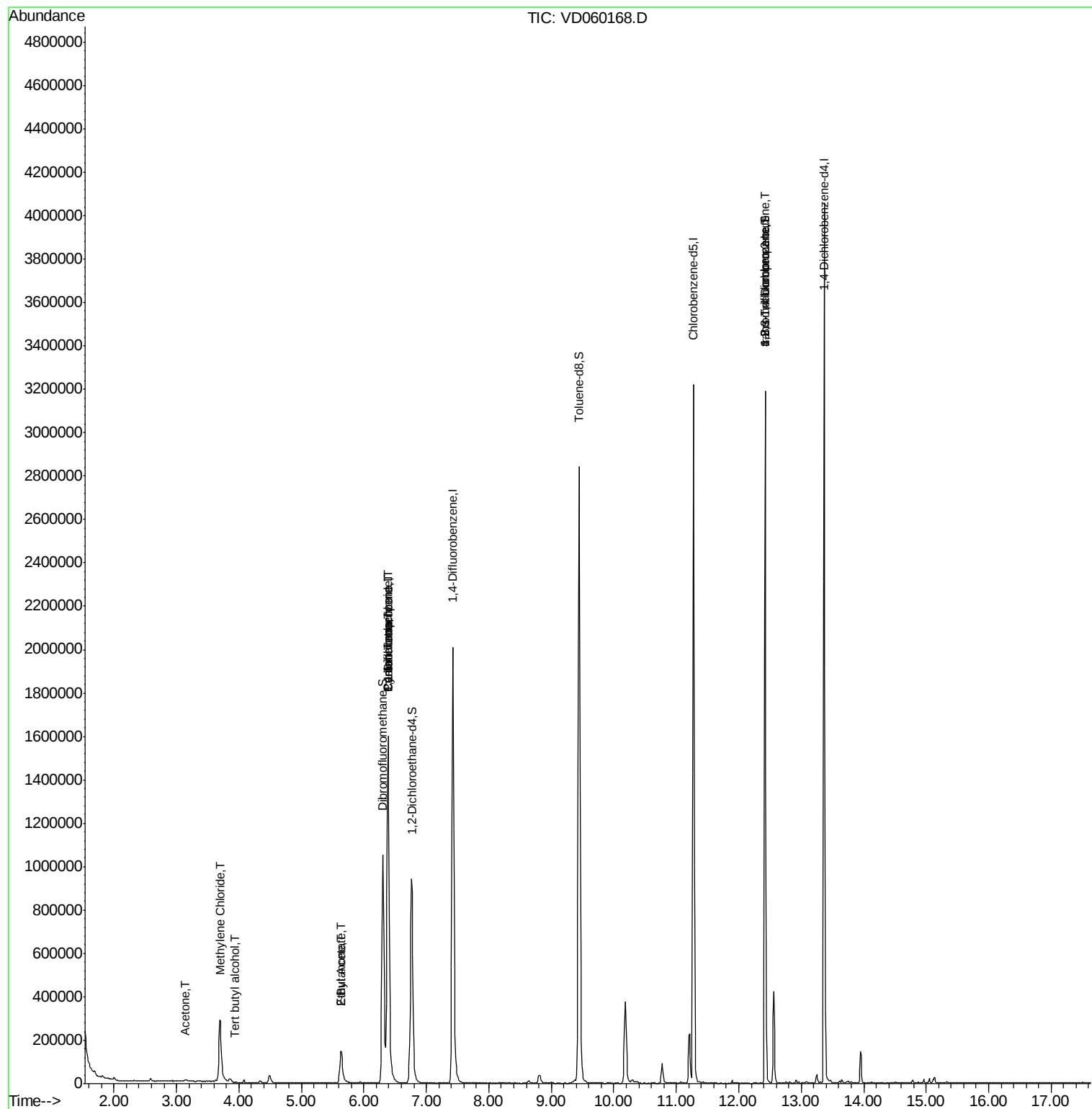
						Qvalue
11) Tert butyl alcohol	3.94	59	1842	2.145	ug/l #	74
16) Acetone	3.14	43	11445	5.268	ug/l #	89
20) Methylene Chloride	3.70	84	177194	6.631	ug/l	94
25) 2-Butanone	5.63	43	14298	2.634	ug/l #	82
31) Cyclohexane	6.38	56	30446	1.174	ug/l #	1
36) 1,1-Dichloropropene	6.39	75	109871	5.415	ug/l #	46
37) Ethyl Acetate	5.63	43	14499	1.077	ug/l #	1
38) Carbon Tetrachloride	6.39	117	123183	6.689	ug/l #	14
76) 1,2,3-Trichloropropane	12.42	75	334250	24.730	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.42	75	360014	94.795	ug/l #	13

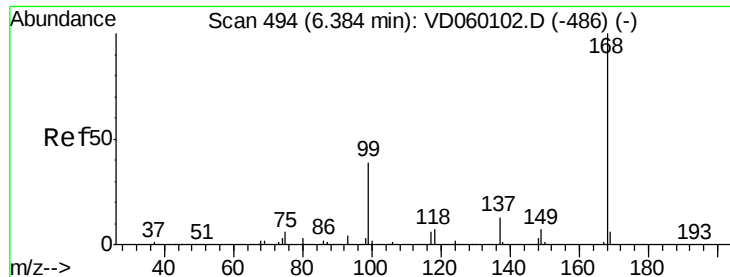
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101018\
Data File : VD060168.D
Acq On : 10 Oct 2018 11:40
Operator : VA/AP
Sample : VD1010SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1010SBL01

Quant Time: Oct 11 01:09:03 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: 6.39 min Scan# 494

Delta R.T. 0.01 min

Lab File: VD060168.D

Acq: 10 Oct 2018 11:40

Instrument :

MSVOA_D

ClientSampleId :

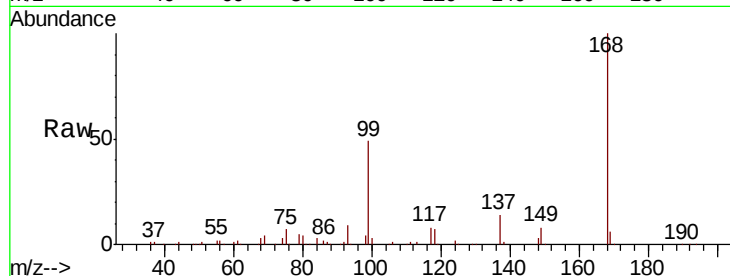
VD1010SBL01

Tot Ion:168 Resp: 1579652

Ion Ratio Lower Upper

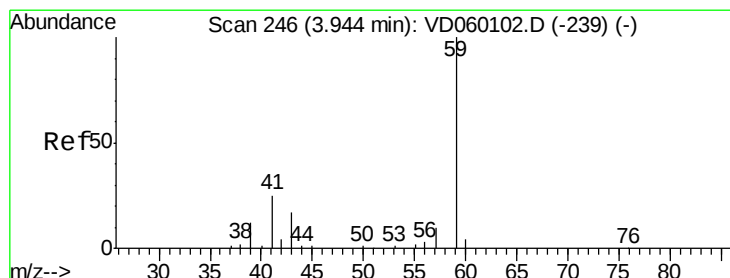
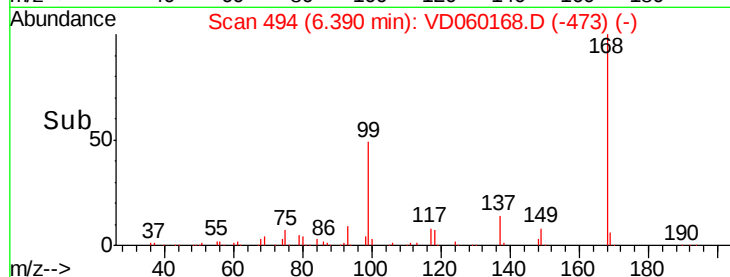
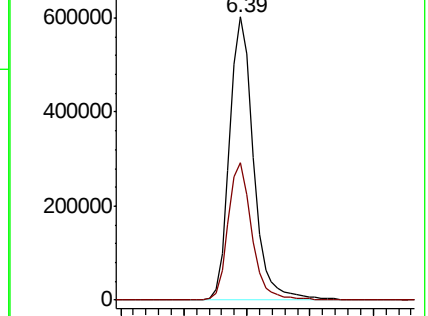
168 100

99 48.5 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: 2.145 ug/l

RT: 3.94 min Scan# 245

Delta R.T. -0.00 min

Lab File: VD060168.D

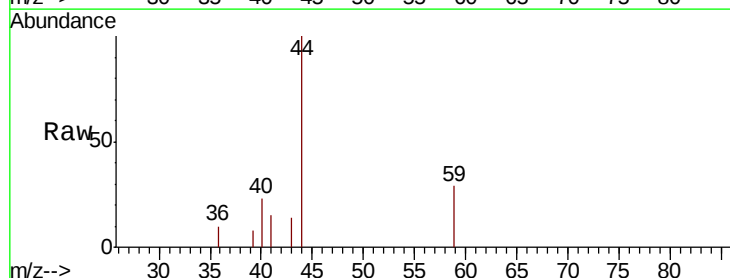
Acq: 10 Oct 2018 11:40

Tgt Ion: 59 Resp: 1842

Ion Ratio Lower Upper

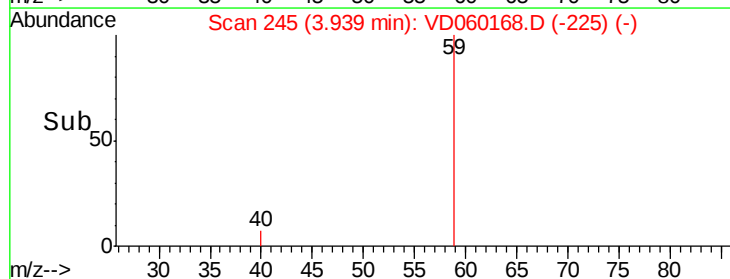
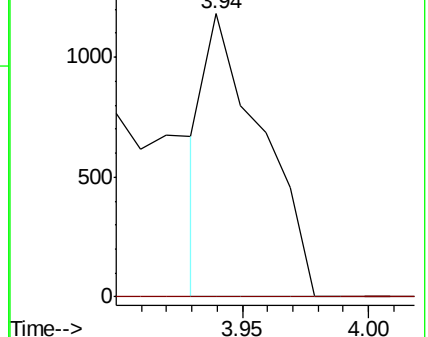
59 100

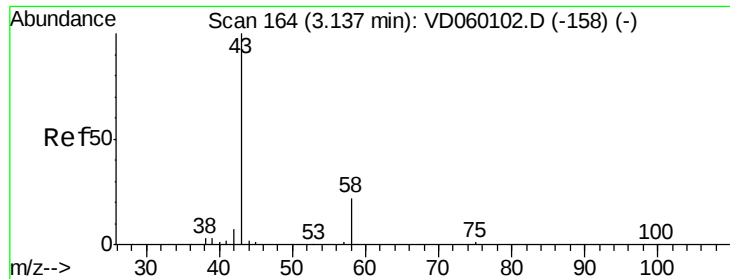
57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 5.268 ug/l

RT: 3.14 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD060168.D

Acq: 10 Oct 2018 11:40

Instrument :

MSVOA_D

ClientSampleId :

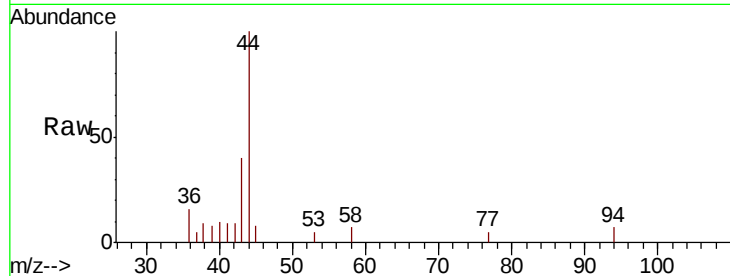
VD1010SBL01

Tot Ion: 43 Resp: 11445

Ion Ratio Lower Upper

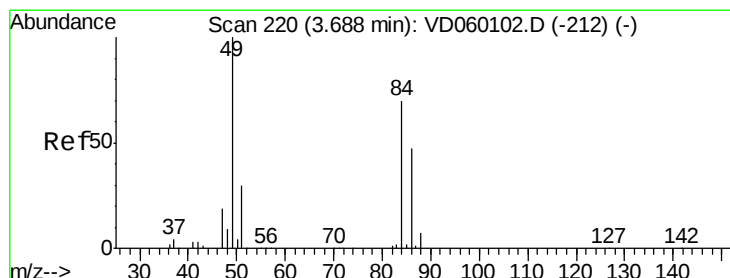
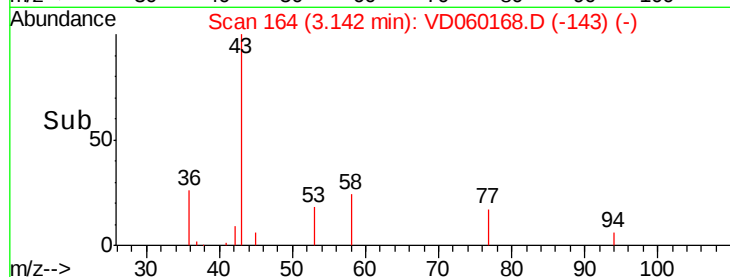
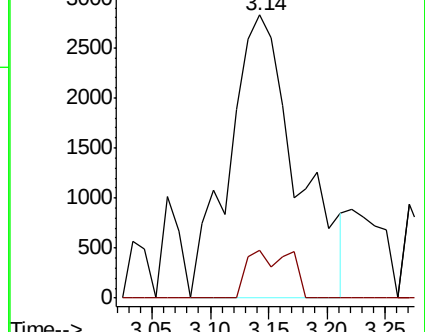
43 100

58 17.0 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: 6.631 ug/l

RT: 3.70 min Scan# 221

Delta R.T. 0.02 min

Lab File: VD060168.D

Acq: 10 Oct 2018 11:40

Tgt Ion: 84 Resp: 177194

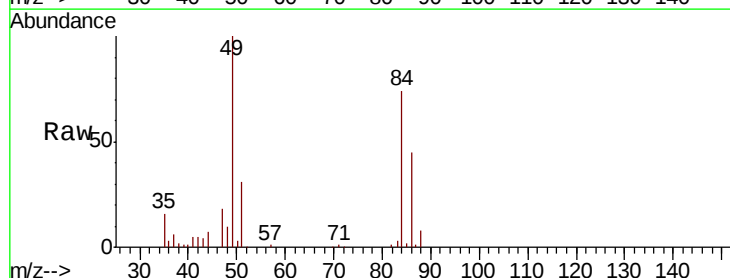
Ion Ratio Lower Upper

84 100

49 135.8 114.6 172.0

51 41.8 33.8 50.8

86 60.7 53.3 79.9

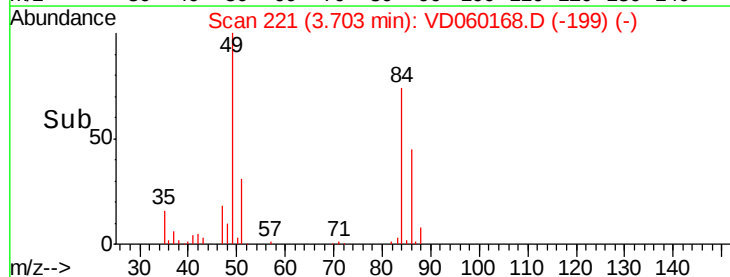
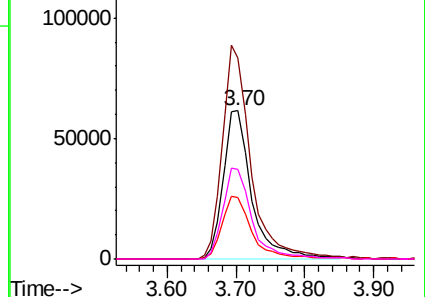


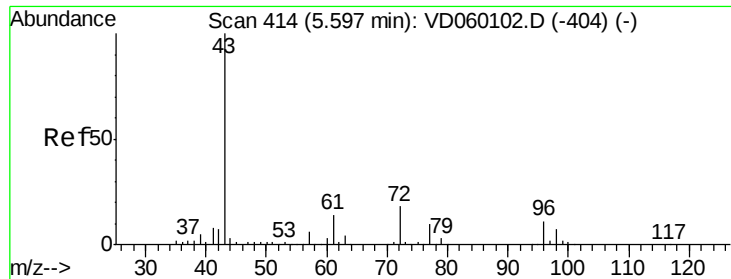
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#25

2-Butanone

Concen: 2.634 ug/l

RT: 5.63 min Scan# 417

Delta R.T. 0.04 min

Lab File: VD060168.D

Acq: 10 Oct 2018 11:40

Instrument :

MSVOA_D

ClientSampleId :

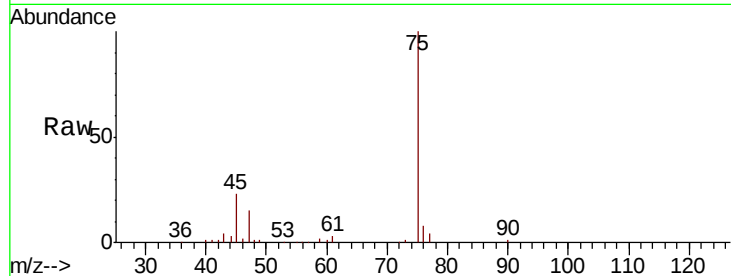
VD1010SBL01

Tot Ion: 43 Resp: 14298

Ion Ratio Lower Upper

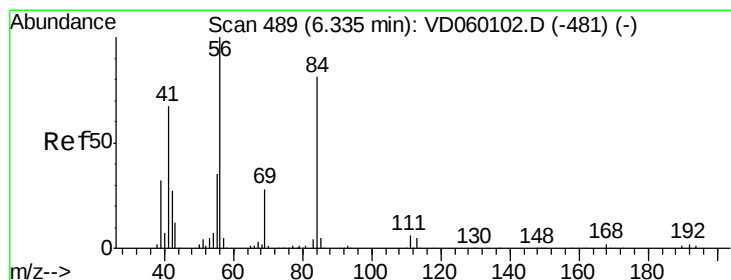
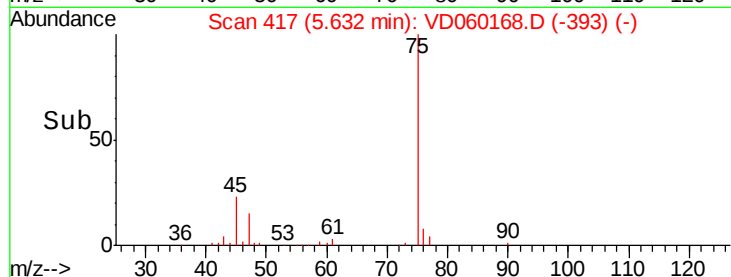
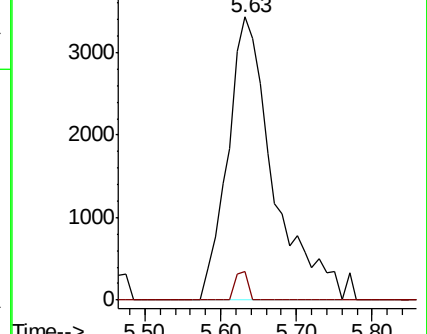
43 100

72 10.3 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: 1.174 ug/l

RT: 6.38 min Scan# 493

Delta R.T. 0.04 min

Lab File: VD060168.D

Acq: 10 Oct 2018 11:40

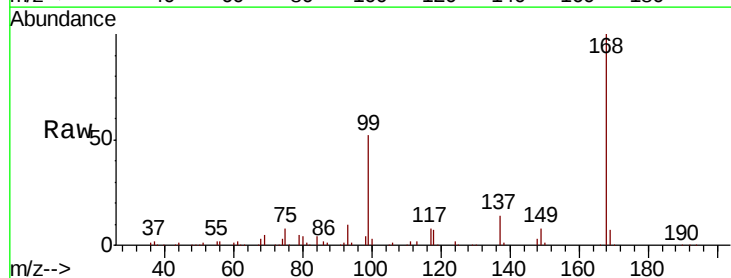
Tgt Ion: 56 Resp: 30446

Ion Ratio Lower Upper

56 100

69 208.9 22.8 34.2#

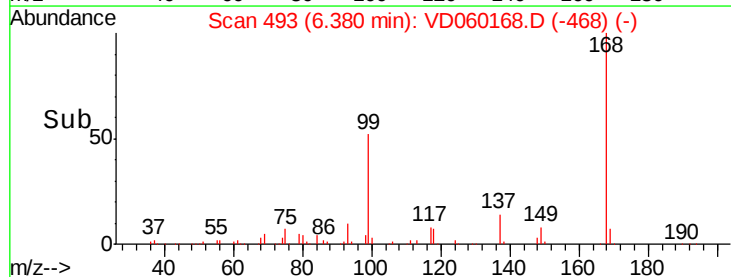
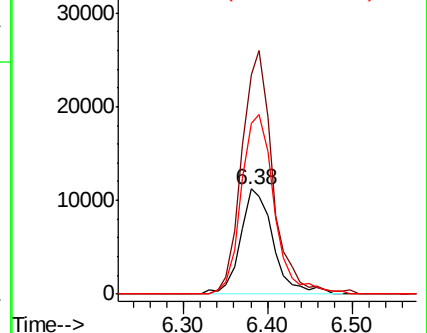
84 162.6 64.9 97.3#

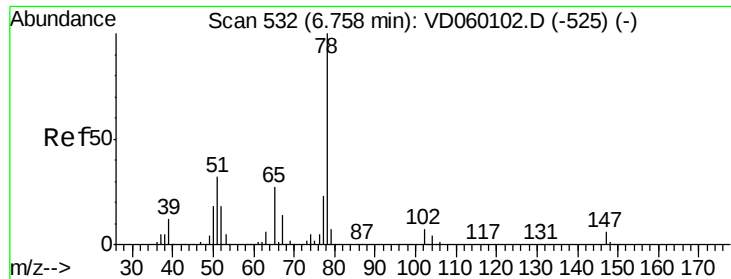


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

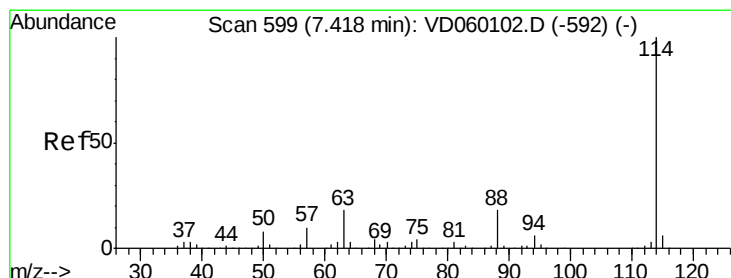
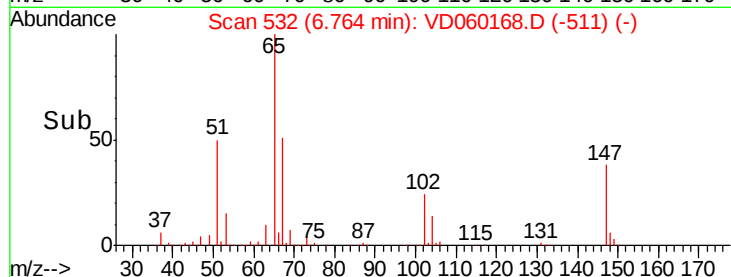
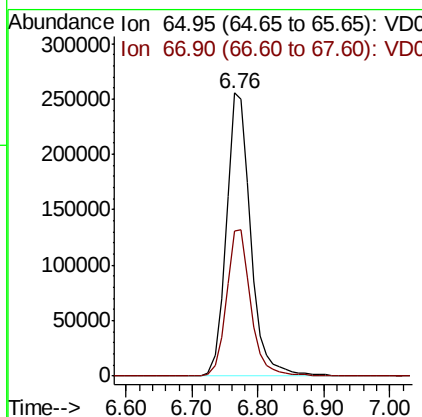
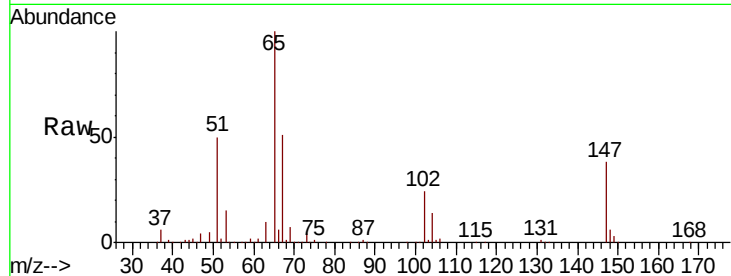




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VD060168.D
 Acq: 10 Oct 2018 11:40

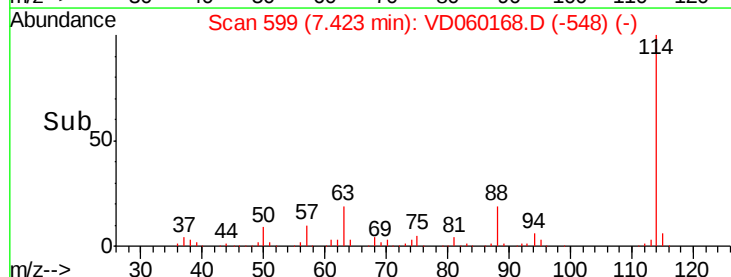
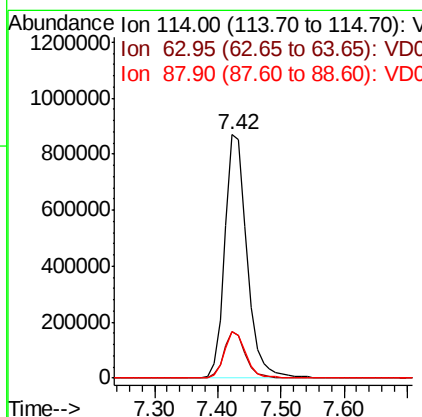
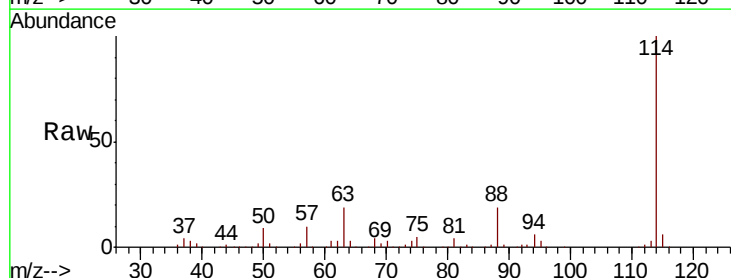
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1010SBL01

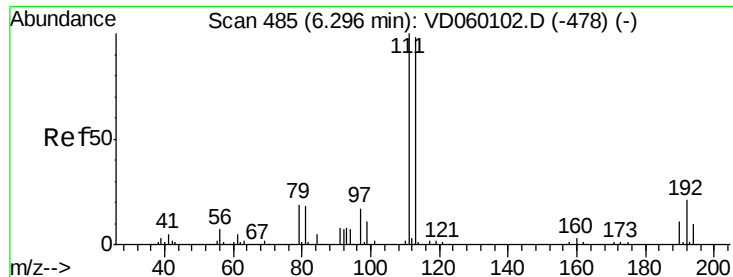
Tot Ion: 65 Resp: 659193
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: VD060168.D
 Acq: 10 Oct 2018 11:40

Tgt Ion: 114 Resp: 2123299
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.0
 88 18.9 0.0 36.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.30 min Scan# 485

Delta R.T. 0.01 min

Lab File: VD060168.D

Acq: 10 Oct 2018 11:40

Instrument :

MSVOA_D

ClientSampleId :

VD1010SBL01

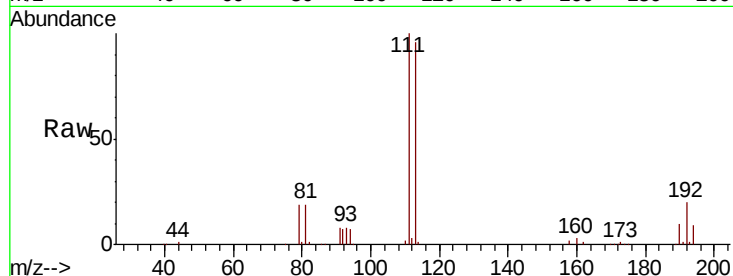
Tot Ion:113 Resp: 838372

Ion Ratio Lower Upper

113 100

111 104.0 81.5 122.3

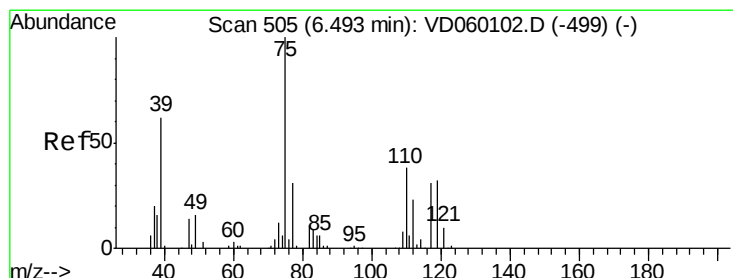
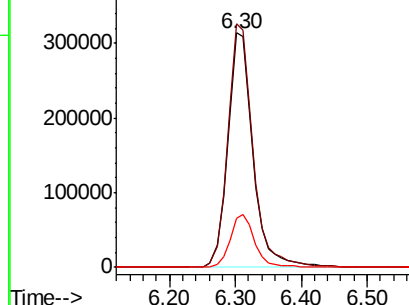
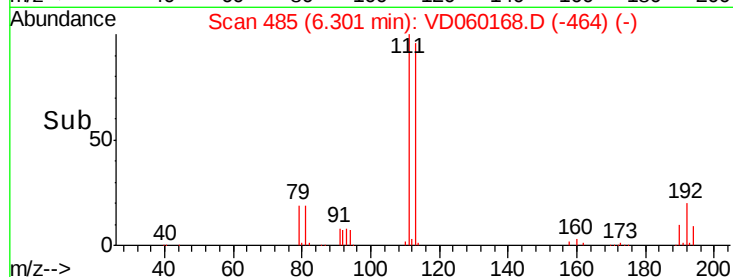
192 20.7 17.4 26.0



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



#36

1,1-Dichloropropene

Concen: 5.415 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.10 min

Lab File: VD060168.D

Acq: 10 Oct 2018 11:40

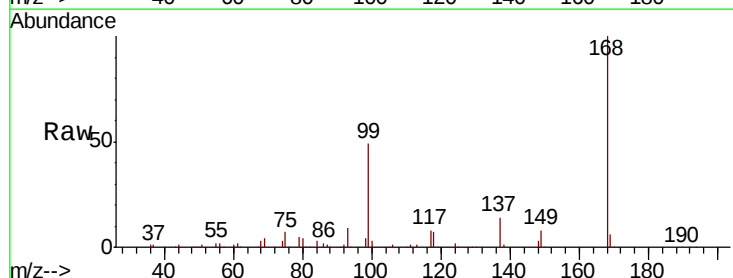
Tgt Ion: 75 Resp: 109871

Ion Ratio Lower Upper

75 100

110 6.5 19.0 57.0#

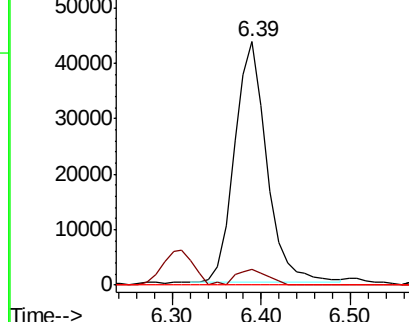
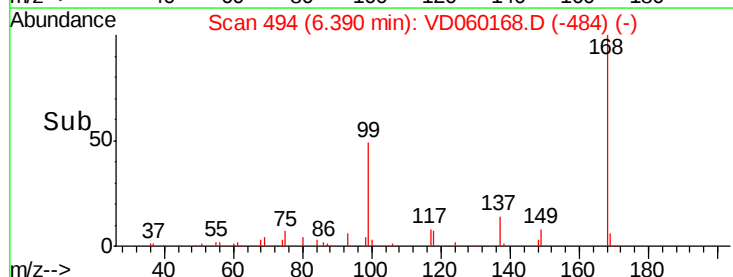
77 0.0 24.9 37.3#

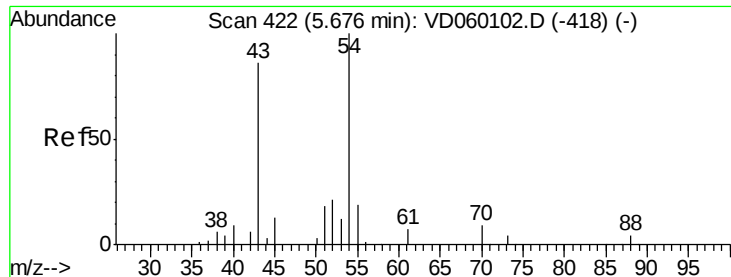


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 1.077 ug/l

RT: 5.63 min Scan# 417

Delta R.T. -0.04 min

Lab File: VD060168.D

Acq: 10 Oct 2018 11:40

Instrument :

MSVOA_D

ClientSampleId :

VD1010SBL01

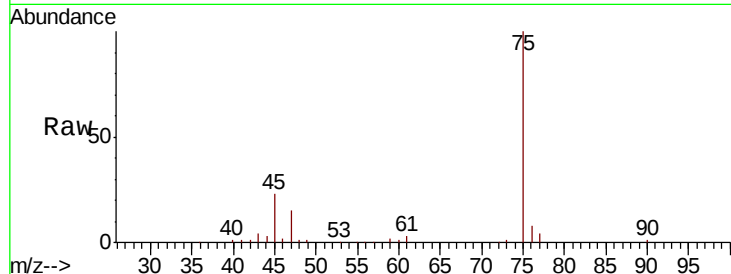
Tot Ion: 43 Resp: 14499

Ion Ratio Lower Upper

43 100

61 71.6 10.5 15.7#

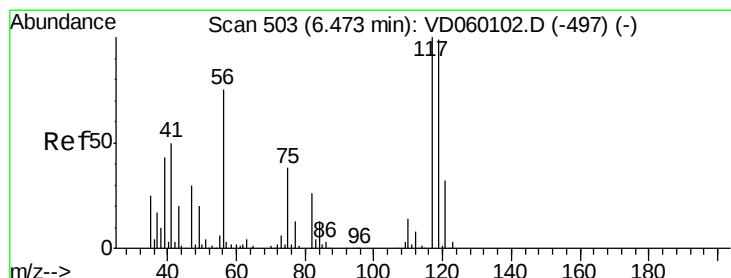
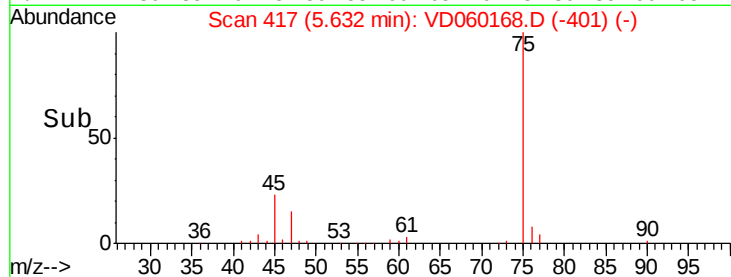
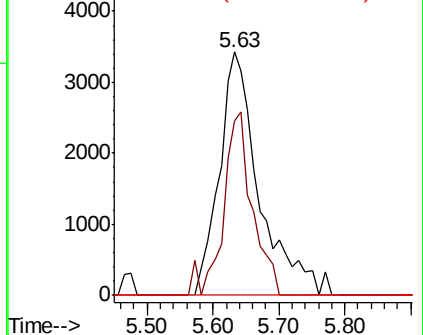
70 0.0 6.3 9.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 6.689 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.08 min

Lab File: VD060168.D

Acq: 10 Oct 2018 11:40

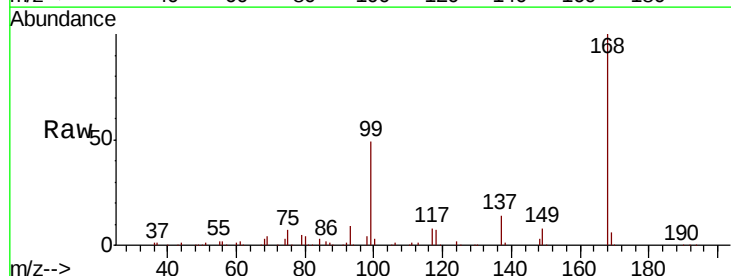
Tgt Ion: 117 Resp: 123183

Ion Ratio Lower Upper

117 100

119 3.8 77.8 116.6#

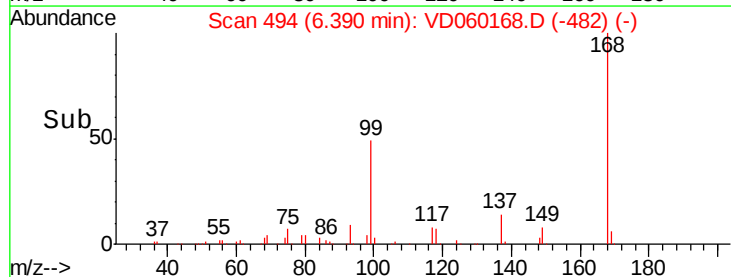
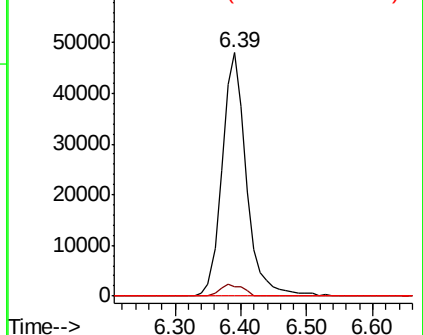
121 0.0 24.8 37.2#

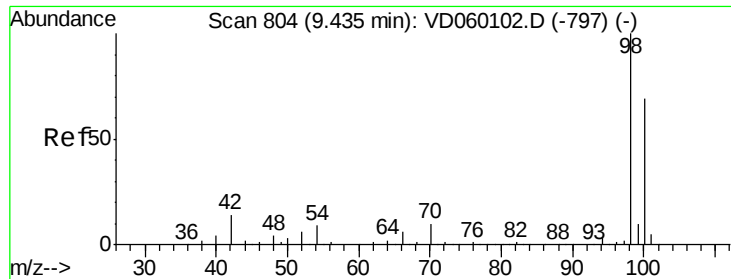


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

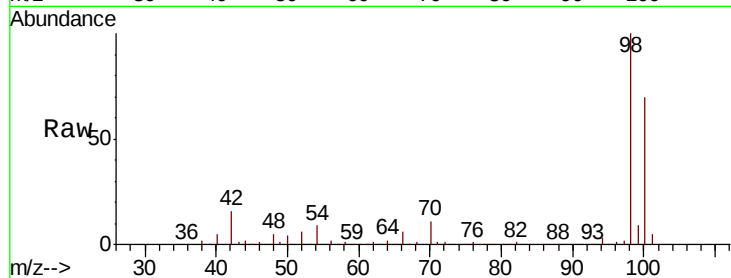




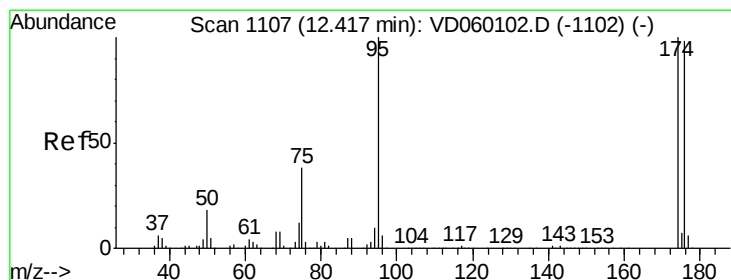
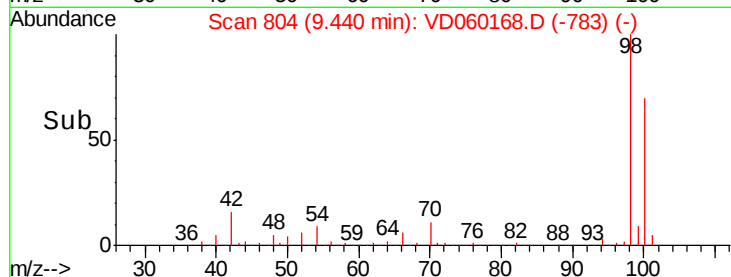
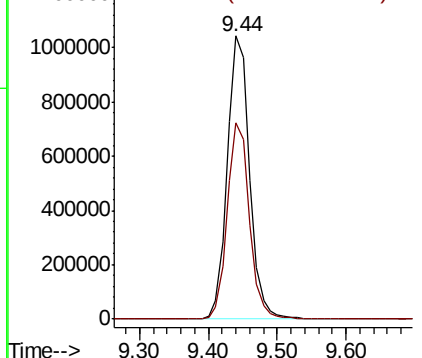
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. 0.01 min
Lab File: VD060168.D
Acq: 10 Oct 2018 11:40

Instrument :
MSVOA_D
ClientSampleId :
VD1010SBL01

Tot Ion: 98 Resp: 2327390
Ion Ratio Lower Upper
98 100
100 69.5 55.4 83.0

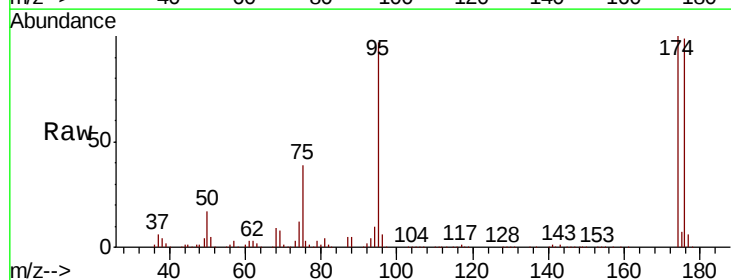


Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)
Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)

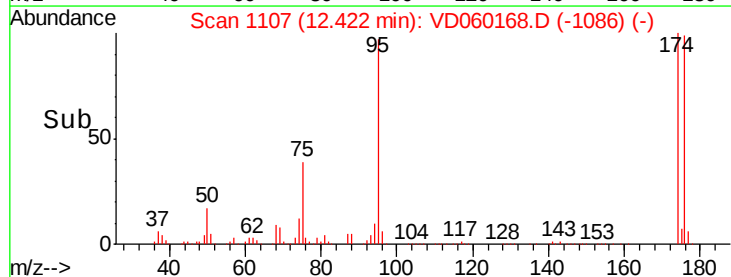
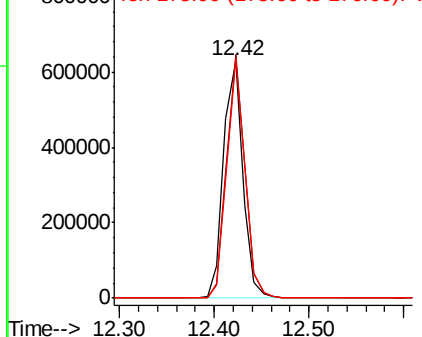


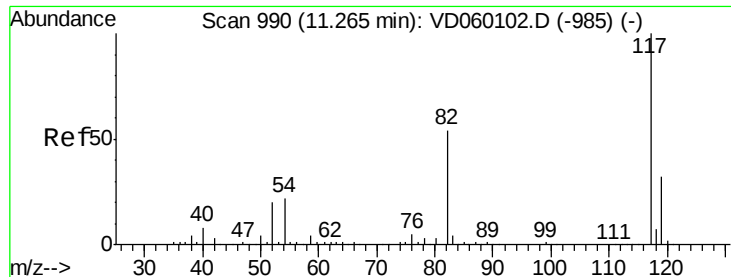
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060168.D
Acq: 10 Oct 2018 11:40

Tgt Ion: 95 Resp: 887912
Ion Ratio Lower Upper
95 100
174 102.6 0.0 200.2
176 101.1 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD060102.D (-1102) (-)
Ion 173.90 (173.60 to 174.60): VD060102.D (-1102) (-)
Ion 175.90 (175.60 to 176.60): VD060102.D (-1102) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.27 min Scan# 990

Delta R.T. 0.01 min

Lab File: VD060168.D

Acq: 10 Oct 2018 11:40

Instrument :

MSVOA_D

ClientSampleId :

VD1010SBL01

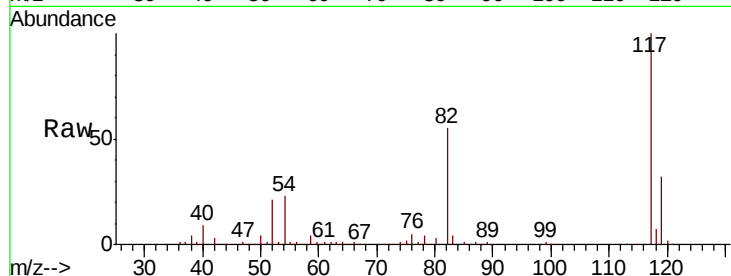
Tot Ion:117 Resp: 1798231

Ion Ratio Lower Upper

117 100

82 55.3 43.4 65.2

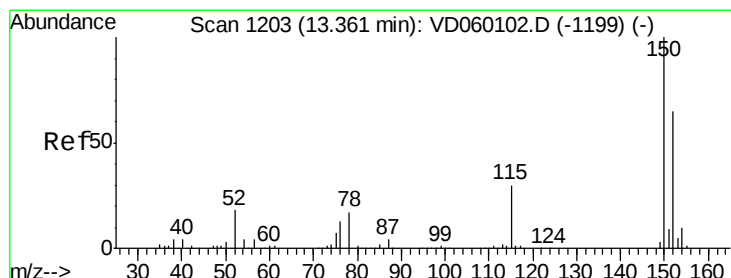
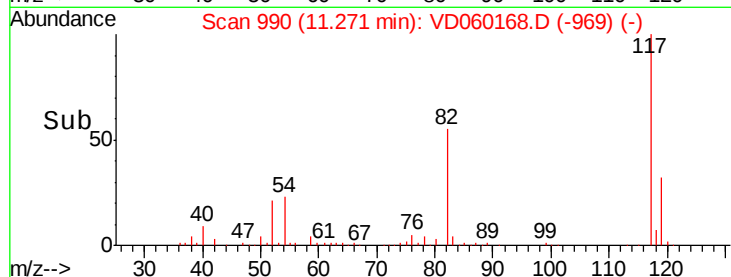
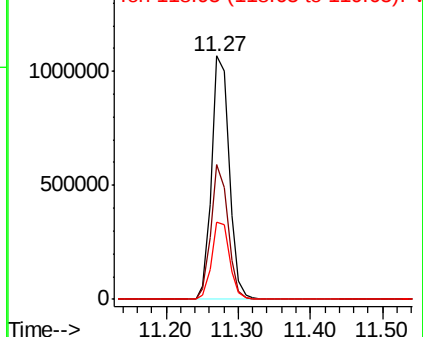
119 31.9 26.0 39.0



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: 13.37 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD060168.D

Acq: 10 Oct 2018 11:40

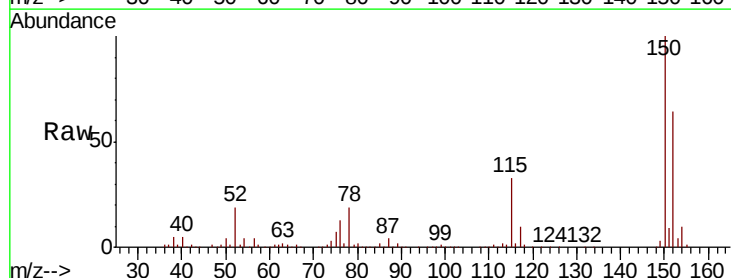
Tgt Ion:152 Resp: 938531

Ion Ratio Lower Upper

152 100

115 51.1 27.1 81.2

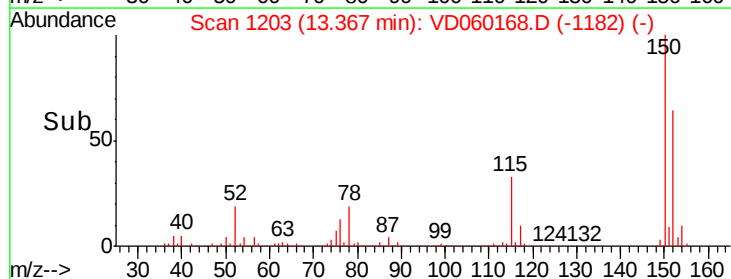
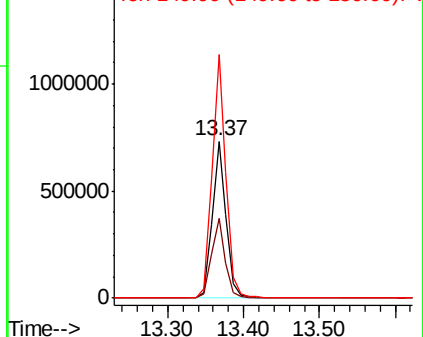
150 155.4 0.0 311.8

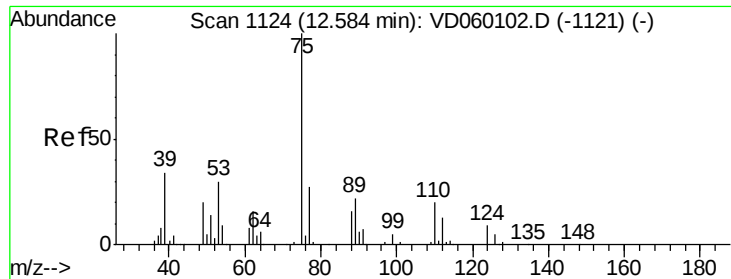


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.730 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.16 min

Lab File: VD060168.D

Acq: 10 Oct 2018 11:40

Instrument :

MSVOA_D

ClientSampleId :

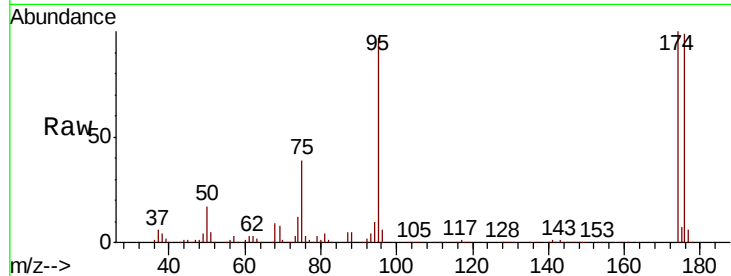
VD1010SBL01

Tot Ion: 75 Resp: 334250

Ion Ratio Lower Upper

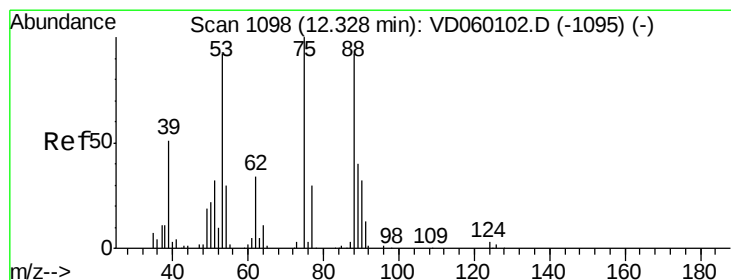
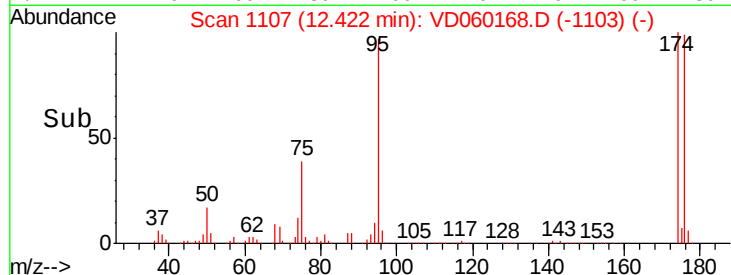
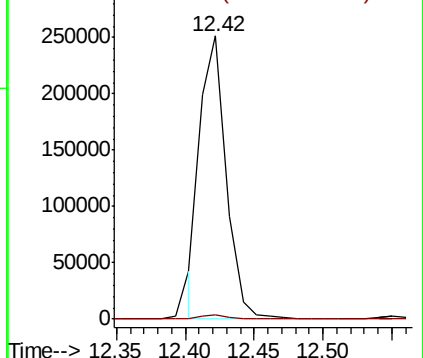
75 100

77 1.4 16.3 48.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 94.795 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.09 min

Lab File: VD060168.D

Acq: 10 Oct 2018 11:40

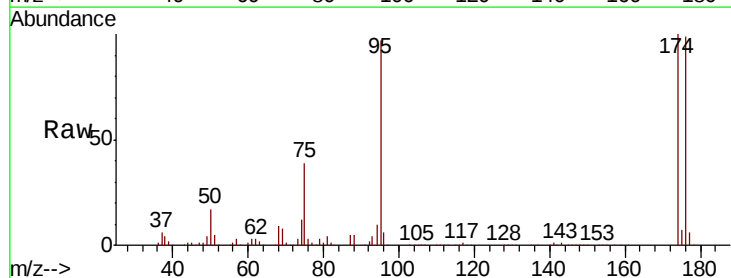
Tgt Ion: 75 Resp: 360014

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

