

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061190.D
 Acq On : 19 Mar 2019 17:34
 Operator : VA/AP
 Sample : K1935-04RE
 Misc : 2.94g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(13-14)RE

Quant Time: Mar 20 01:54:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	434407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	689733	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	485494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	156770	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	186626	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	
35) Dibromofluoromethane	6.92	113	288723	56.41	ug/l	0.00
Spiked Amount			Recovery	=	112.82%	
50) Toluene-d8	10.40	98	591923	46.05	ug/l	0.00
Spiked Amount			Recovery	=	92.10%	
62) 4-Bromofluorobenzene	13.55	95	177260	35.54	ug/l	0.00
Spiked Amount			Recovery	=	71.08%	

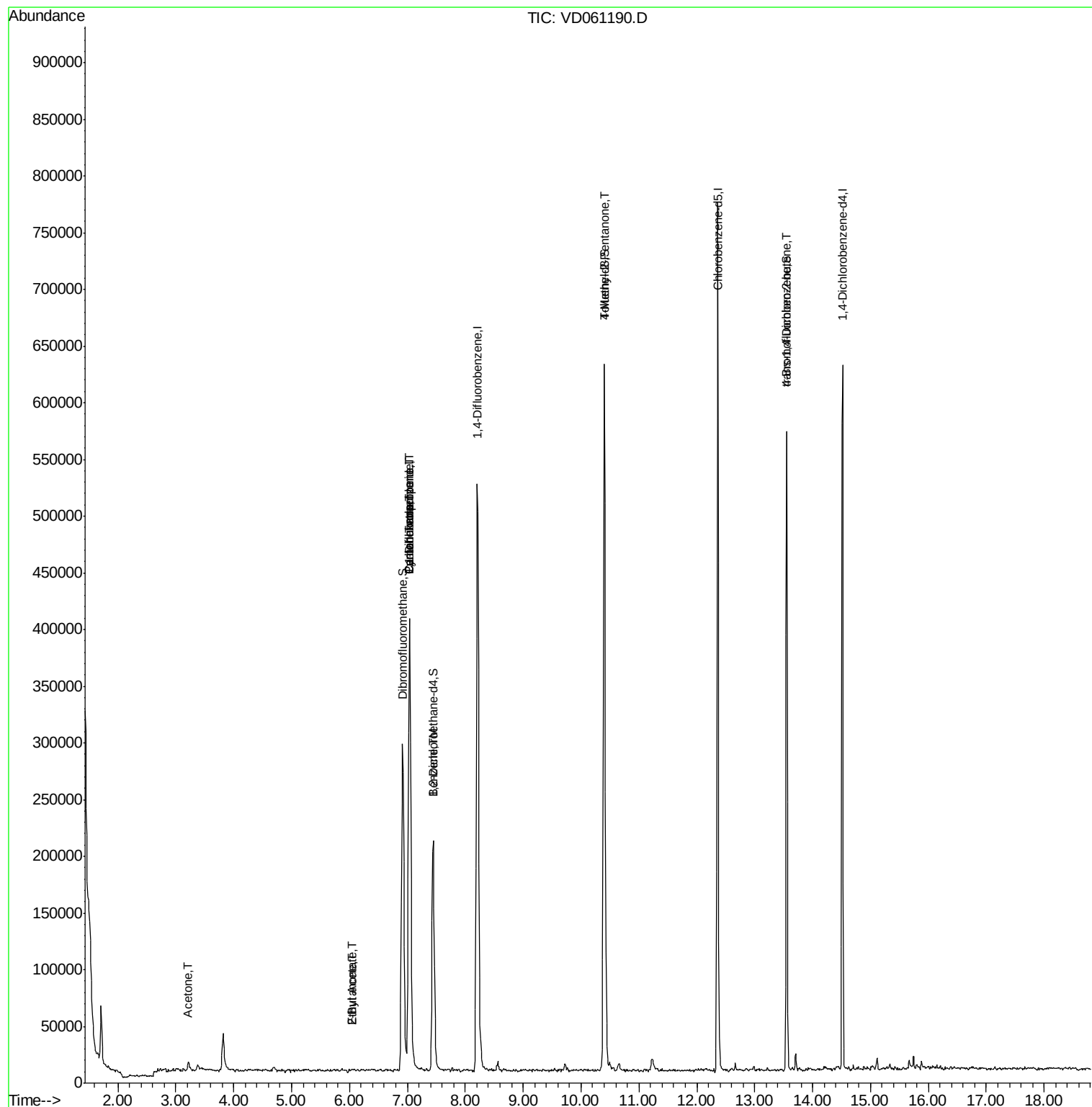
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	12455	12.045	ug/l	92
25) 2-Butanone	6.06	43	2859	2.437	ug/l #	55
31) Cyclohexane	7.03	56	6905	1.079	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	30917	5.200	ug/l #	46
37) Ethyl Acetate	6.06	43	2859	1.025	ug/l #	66
38) Carbon Tetrachloride	7.04	117	41320	6.309	ug/l #	15
40) Benzene	7.45	78	19205	1.293	ug/l	99
51) 4-Methyl-2-Pentanone	10.39	43	2562	1.082	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	64906	97.611	ug/l #	17

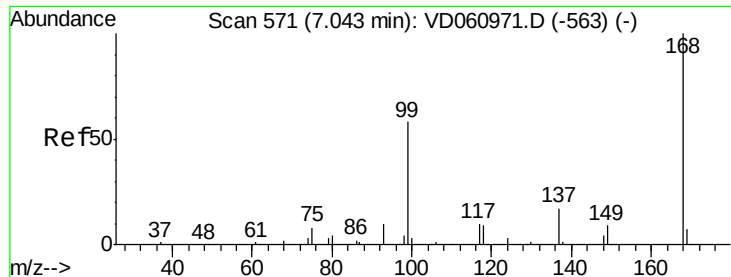
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061190.D

Acq: 19 Mar 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

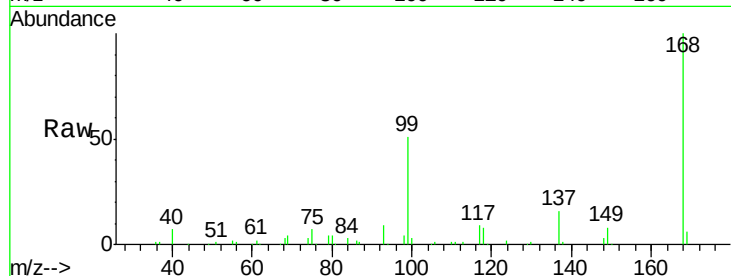
SB-5(13-14)RE

Tot Ion:168 Resp: 434407

Ion Ratio Lower Upper

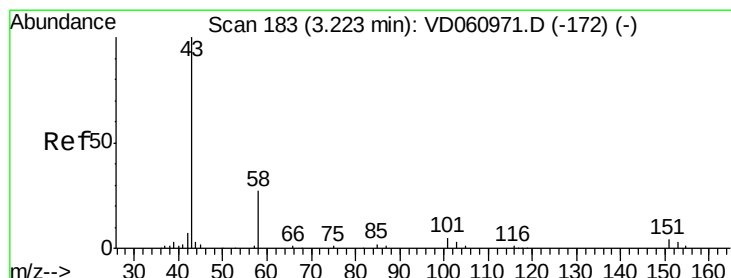
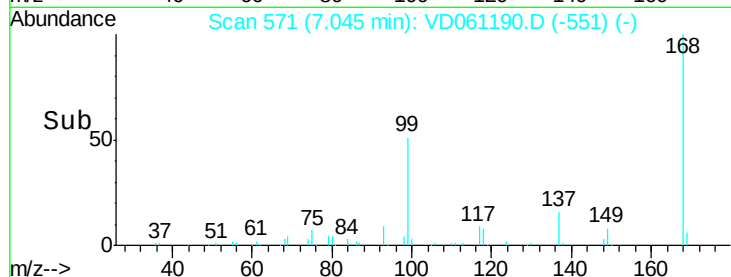
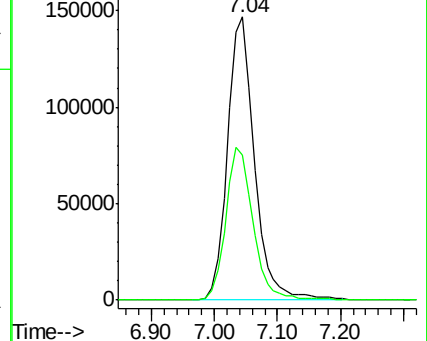
168 100

99 51.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 12.045 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061190.D

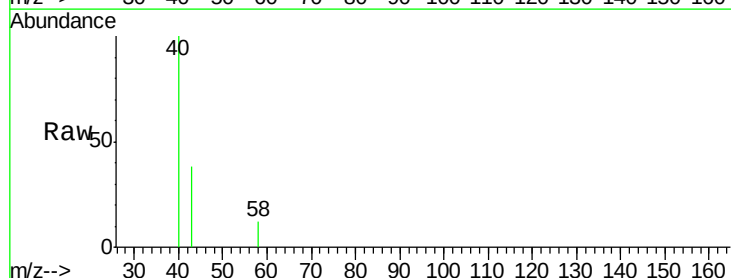
Acq: 19 Mar 2019 17:34

Tgt Ion: 43 Resp: 12455

Ion Ratio Lower Upper

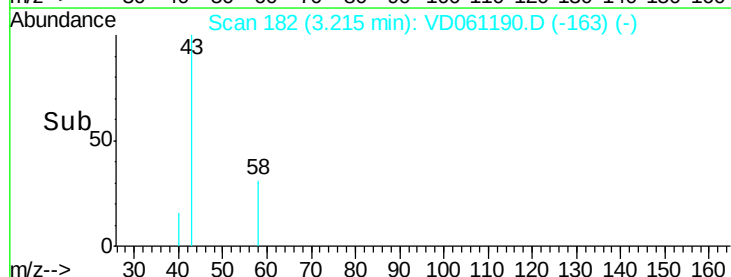
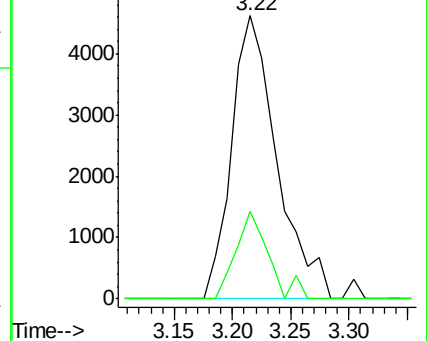
43 100

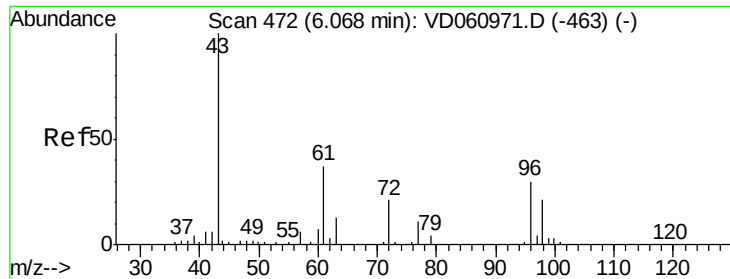
58 31.0 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

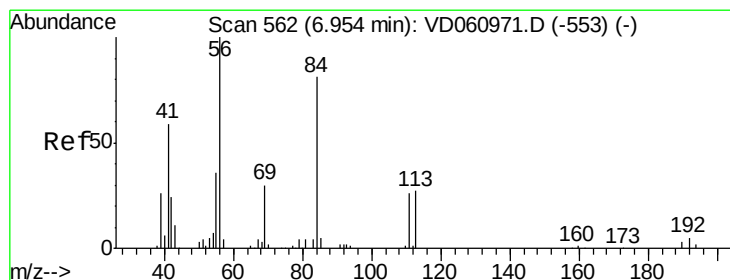
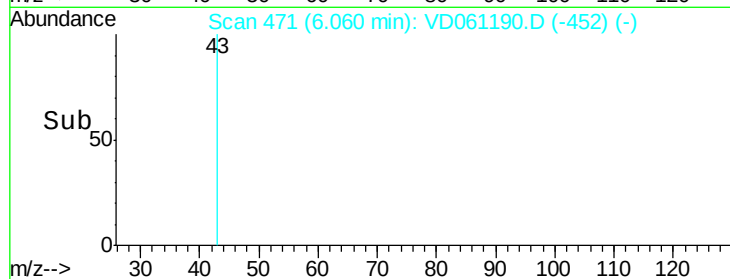
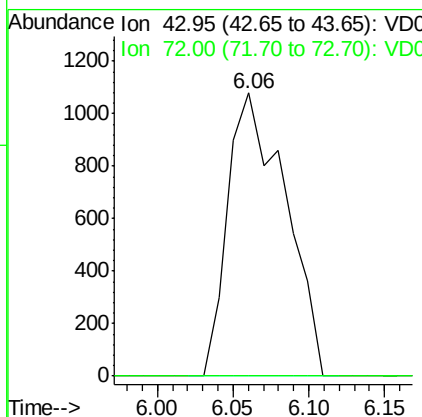
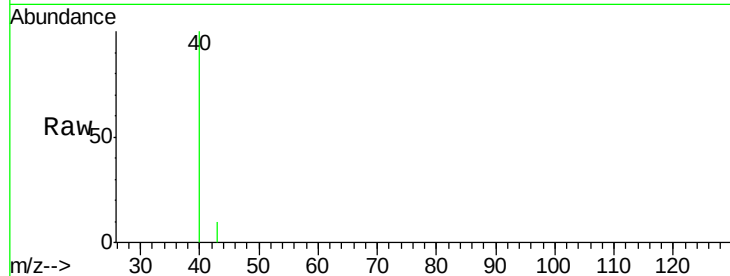




#25
 2-Butanone
 Concen: 2.437 ug/l
 RT: 6.06 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: VD061190.D
 Acq: 19 Mar 2019 17:34

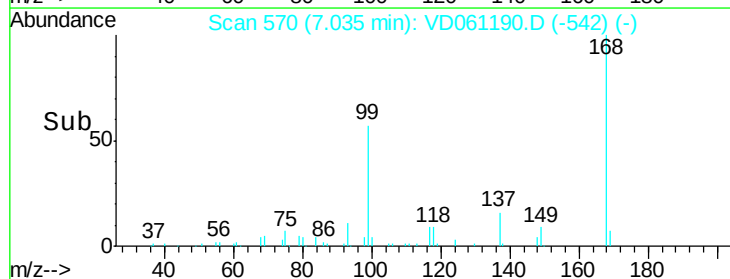
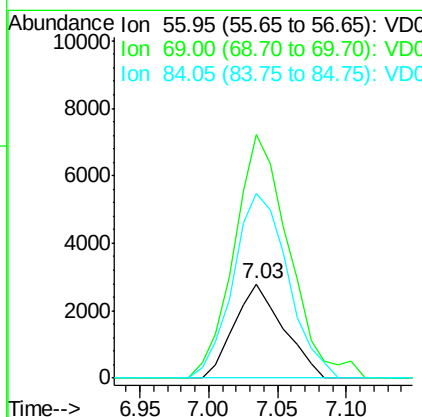
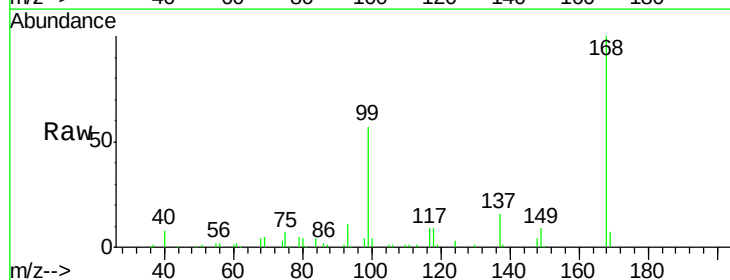
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(13-14)RE

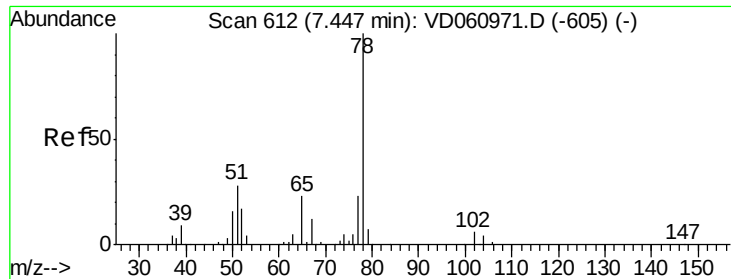
Tot Ion: 43 Resp: 2859
 Ion Ratio Lower Upper
 43 100
 72 0.0 16.7 25.1#



#31
 Cyclohexane
 Concen: 1.079 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. 0.08 min
 Lab File: VD061190.D
 Acq: 19 Mar 2019 17:34

Tgt Ion: 56 Resp: 6905
 Ion Ratio Lower Upper
 56 100
 69 259.5 24.0 36.0#
 84 197.0 65.8 98.6#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD061190.D

Acq: 19 Mar 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

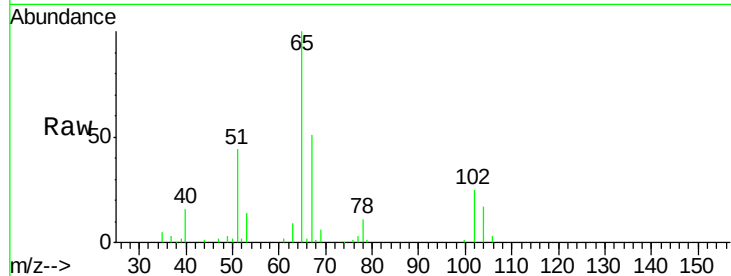
SB-5(13-14)RE

Tot Ion: 65 Resp: 186626

Ion Ratio Lower Upper

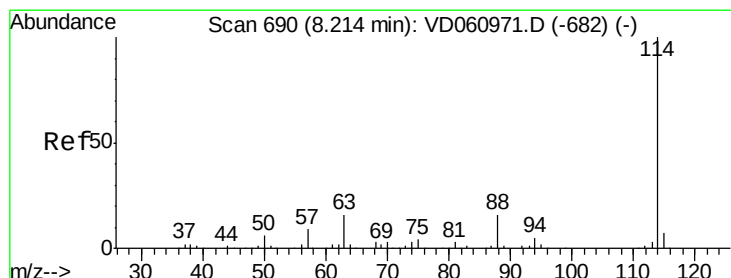
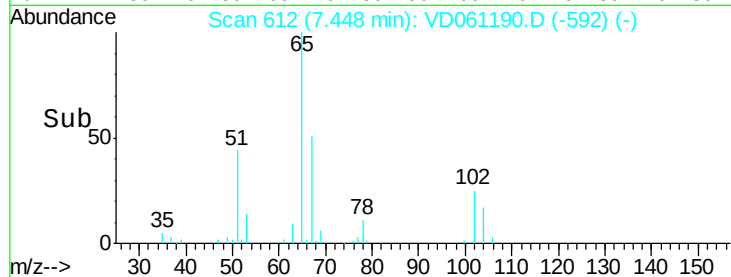
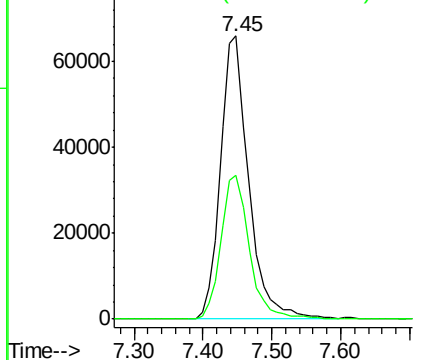
65 100

67 51.0 0.0 105.2



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: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061190.D

Acq: 19 Mar 2019 17:34

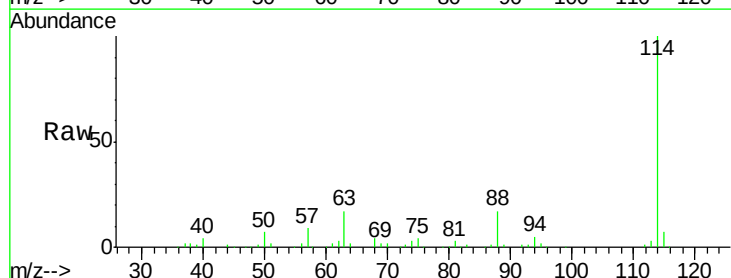
Tgt Ion: 114 Resp: 689733

Ion Ratio Lower Upper

114 100

63 17.2 0.0 31.4

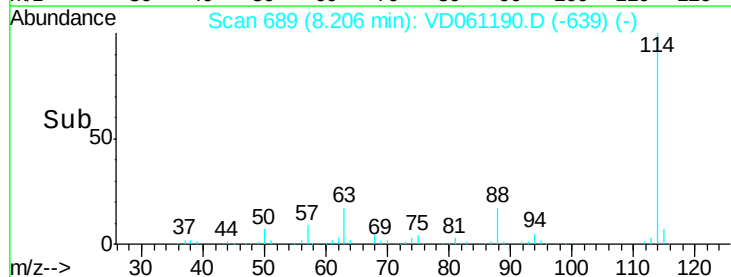
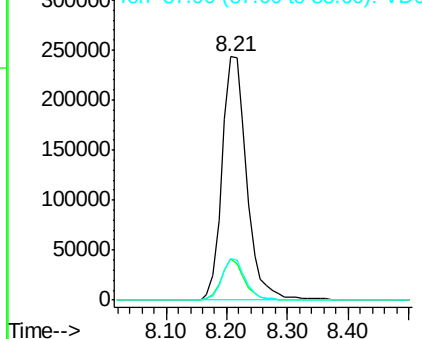
88 17.0 0.0 33.0

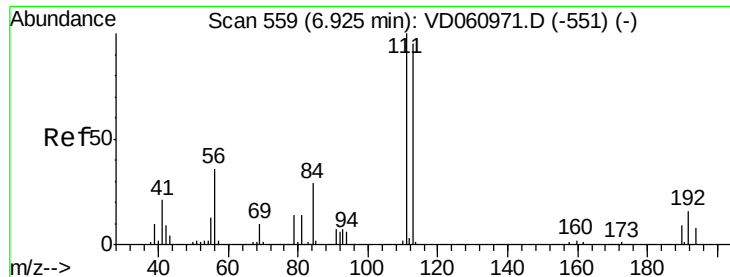


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061190.D

Acq: 19 Mar 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

SB-5(13-14)RE

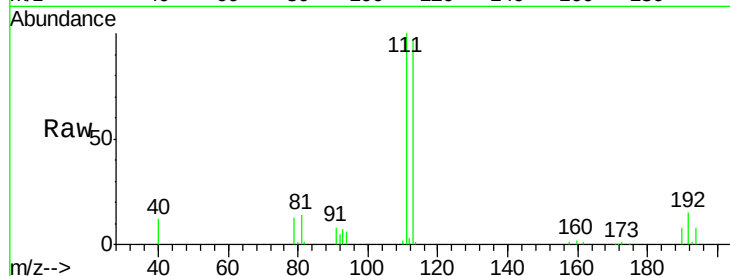
Tot Ion:113 Resp: 288723

Ion Ratio Lower Upper

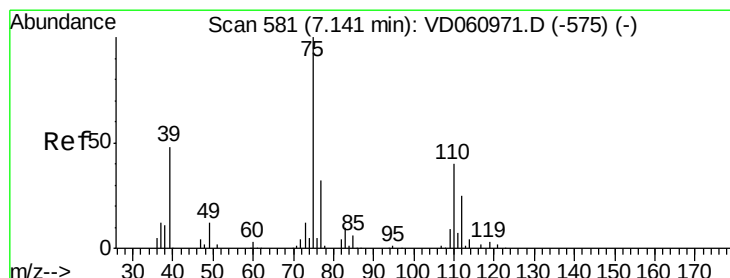
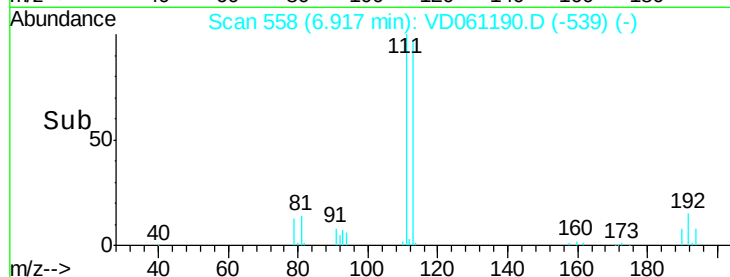
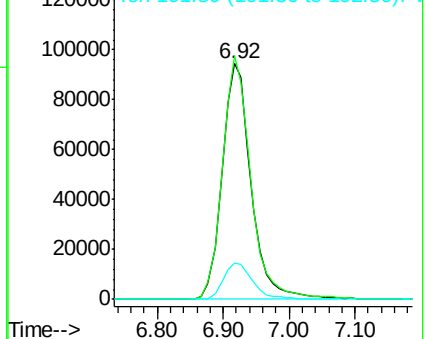
113 100

111 103.5 84.2 126.4

192 15.5 13.1 19.7



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: 5.200 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.10 min

Lab File: VD061190.D

Acq: 19 Mar 2019 17:34

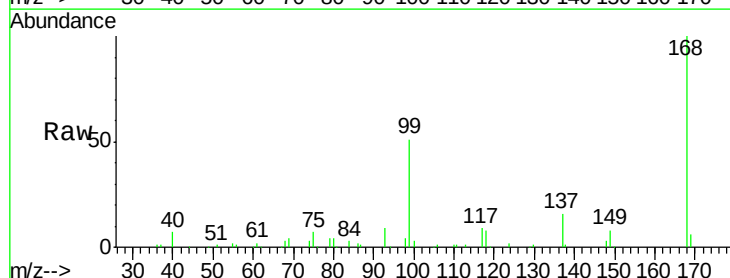
Tgt Ion: 75 Resp: 30917

Ion Ratio Lower Upper

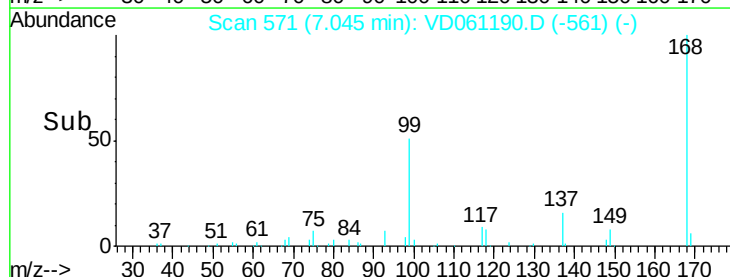
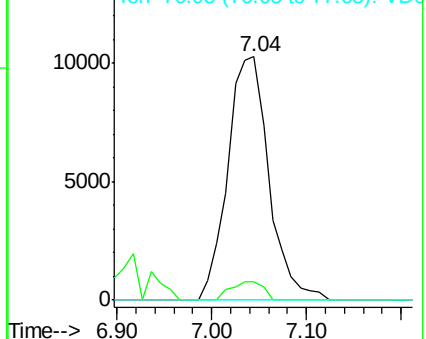
75 100

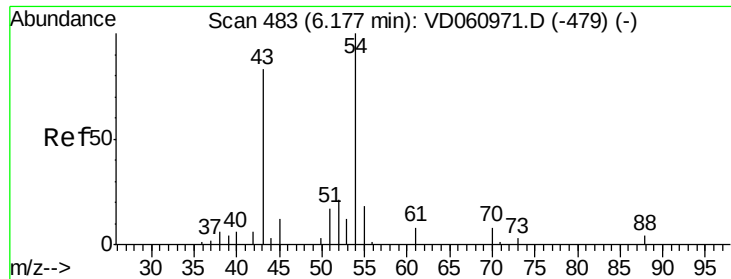
110 7.3 19.7 59.1#

77 0.0 24.7 37.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC

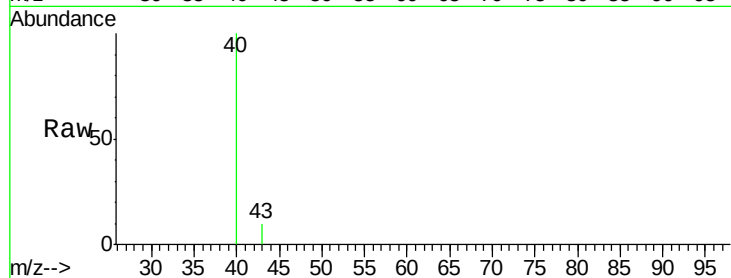




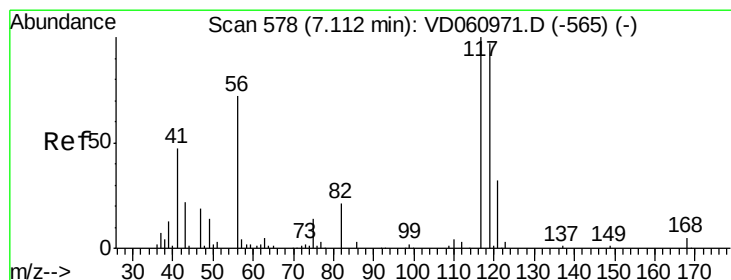
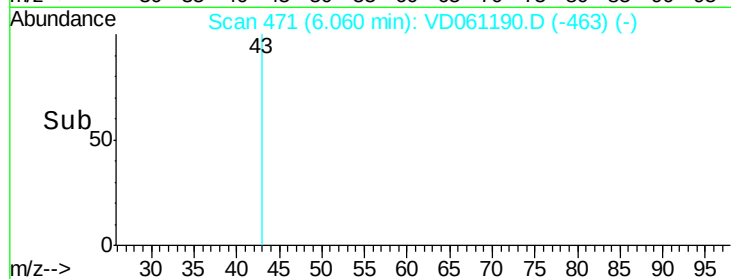
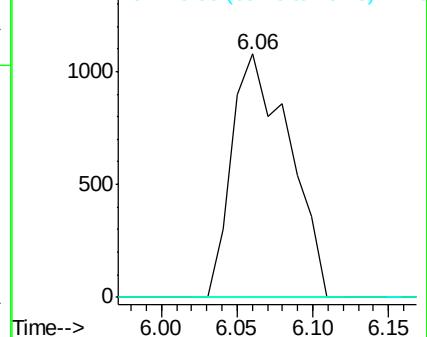
#37
Ethyl Acetate
Concen: 1.025 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.12 min
Lab File: VD061190.D
Acq: 19 Mar 2019 17:34

Instrument :
MSVOA_D
ClientSampleId :
SB-5(13-14)RE

Tot Ion: 43 Resp: 2859
Ion Ratio Lower Upper
43 100
61 0.0 13.7 20.5#
70 0.0 7.1 10.7#

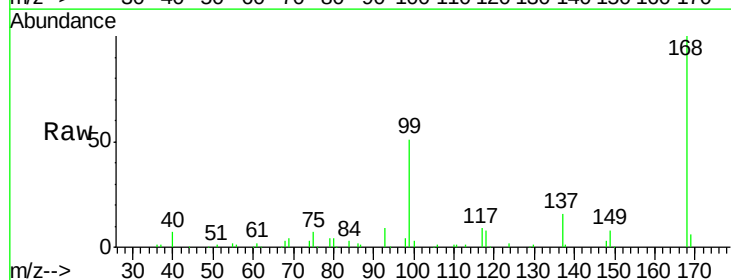


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

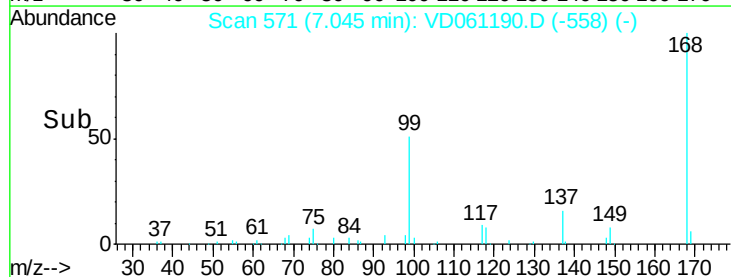
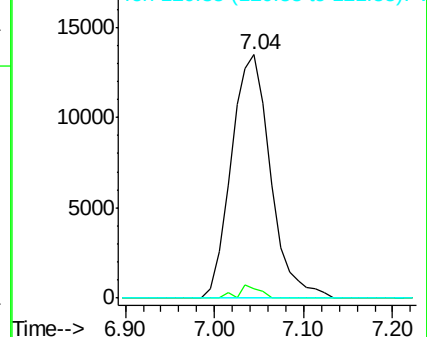


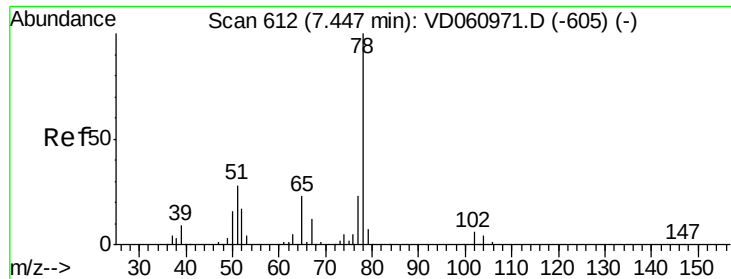
#38
Carbon Tetrachloride
Concen: 6.309 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD061190.D
Acq: 19 Mar 2019 17:34

Tgt Ion: 117 Resp: 41320
Ion Ratio Lower Upper
117 100
119 4.0 77.8 116.8#
121 0.0 25.3 37.9#



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





#40

Benzene

Concen: 1.293 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD061190.D

Acq: 19 Mar 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

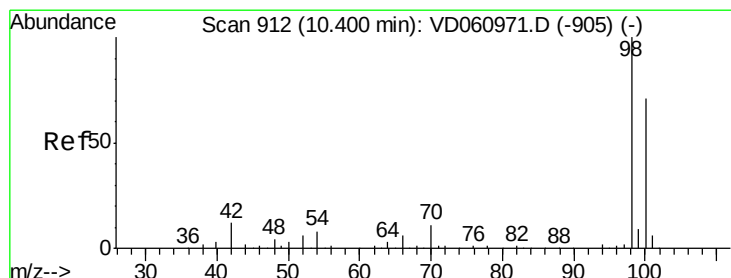
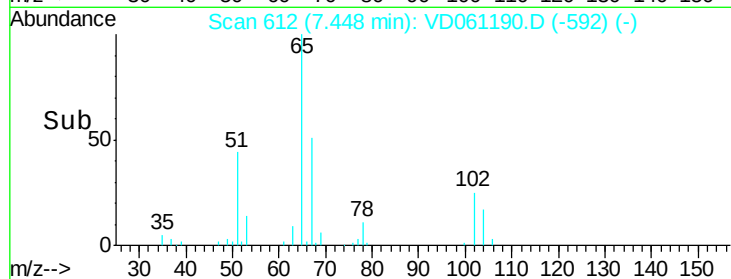
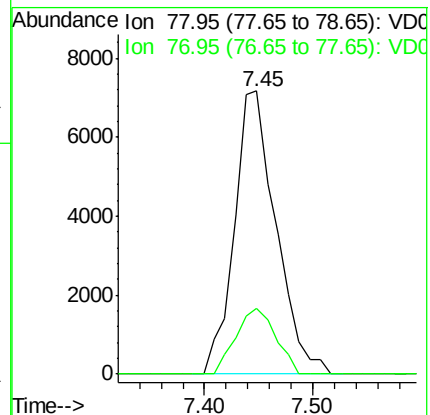
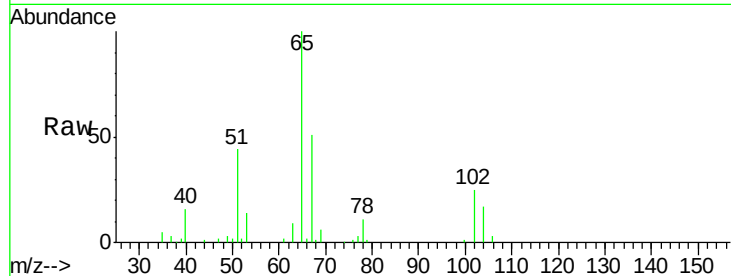
SB-5(13-14)RE

Tot Ion: 78 Resp: 19205

Ion Ratio Lower Upper

78 100

77 23.2 18.8 28.2



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061190.D

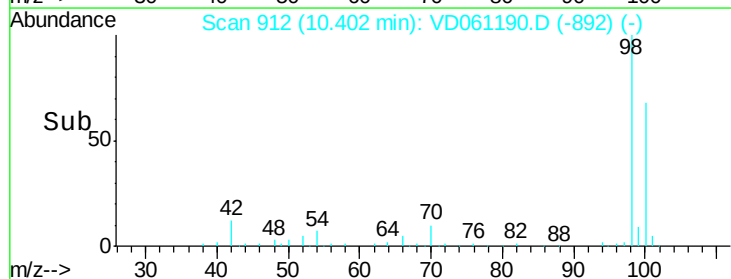
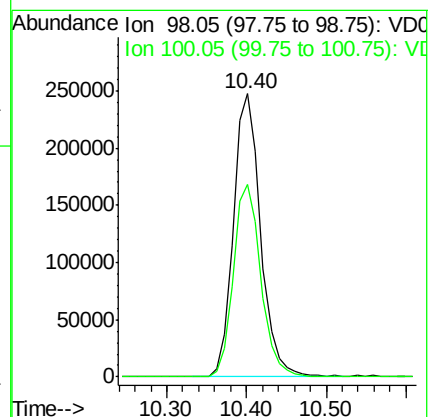
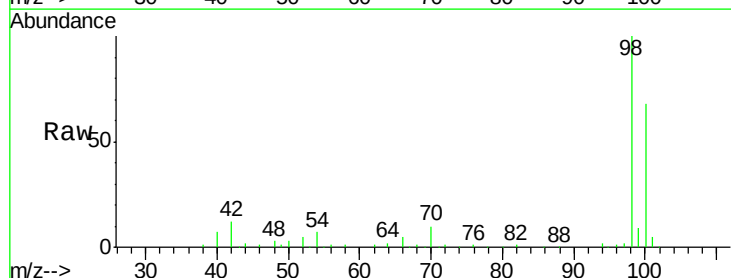
Acq: 19 Mar 2019 17:34

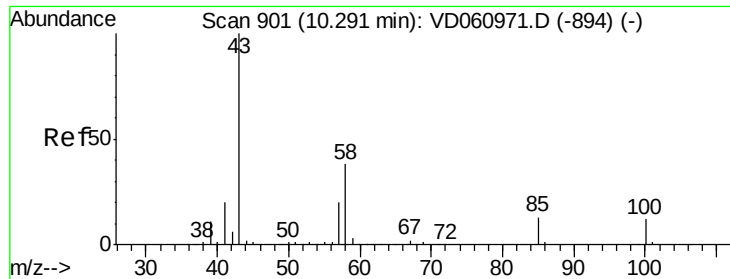
Tgt Ion: 98 Resp: 591923

Ion Ratio Lower Upper

98 100

100 68.0 57.4 86.2





#51

4-Methyl-2-Pentanone

Concen: 1.082 ug/l

RT: 10.39 min Scan# 911

Delta R.T. 0.10 min

Lab File: VD061190.D

Acq: 19 Mar 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

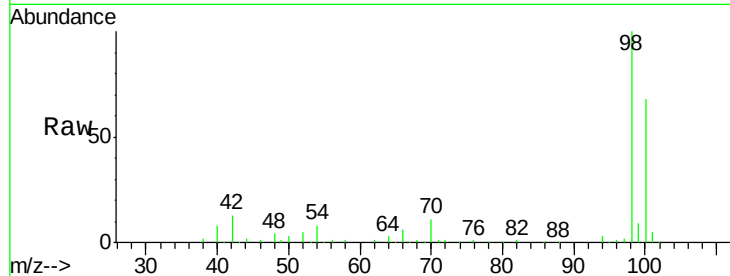
SB-5(13-14)RE

Tot Ion: 43 Resp: 2562

Ion Ratio Lower Upper

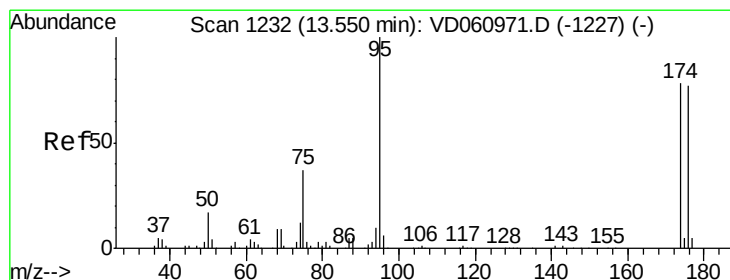
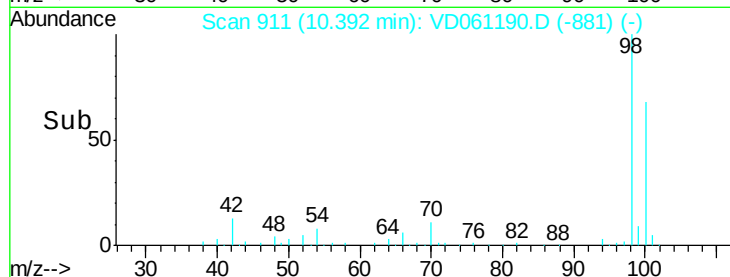
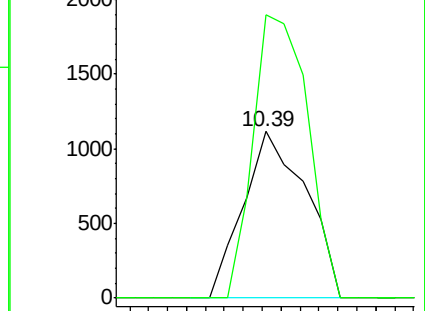
43 100

58 170.2 30.2 45.2#



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: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061190.D

Acq: 19 Mar 2019 17:34

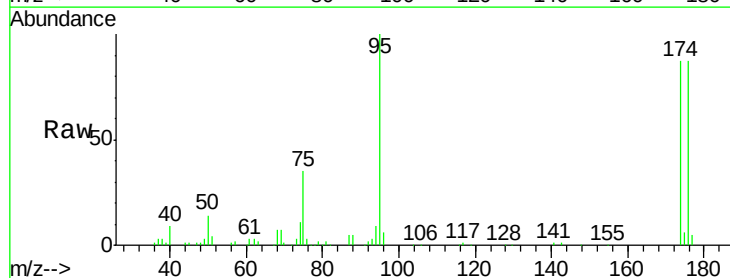
Tgt Ion: 95 Resp: 177260

Ion Ratio Lower Upper

95 100

174 87.4 0.0 155.6

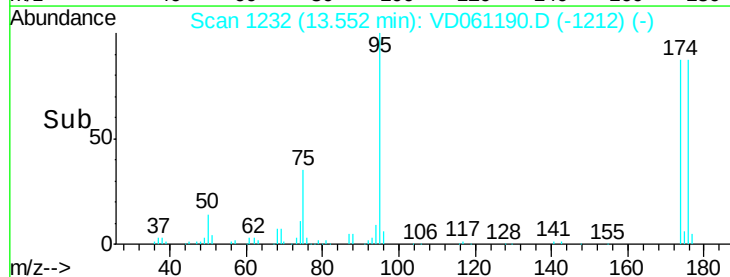
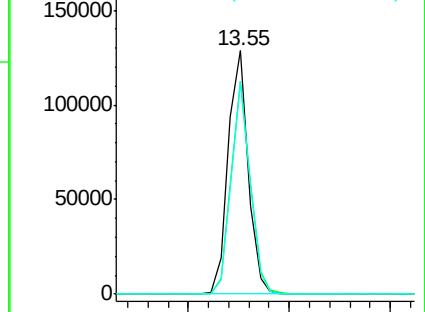
176 87.5 0.0 153.8

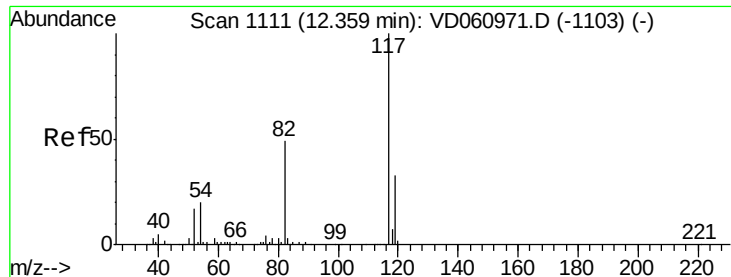


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

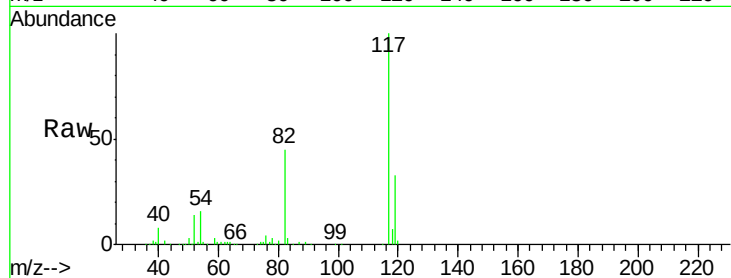




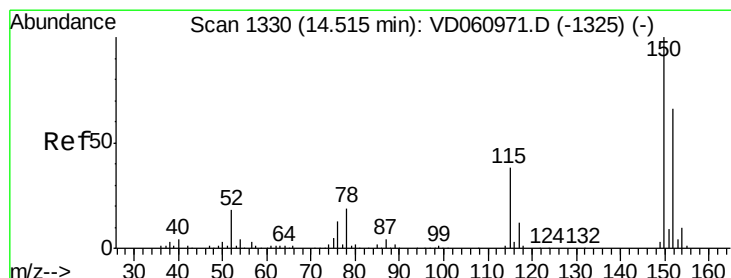
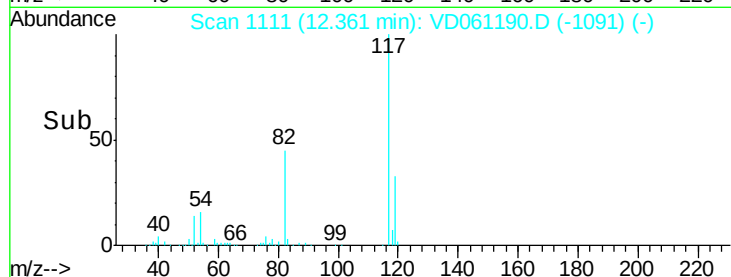
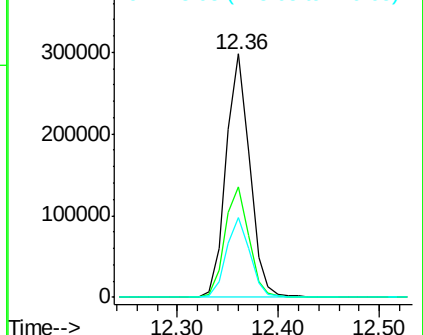
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061190.D
Acq: 19 Mar 2019 17:34

Instrument :
MSVOA_D
ClientSampleId :
SB-5(13-14)RE

Tot Ion:117 Resp: 485494
Ion Ratio Lower Upper
117 100
82 45.4 38.9 58.3
119 32.9 26.6 39.8

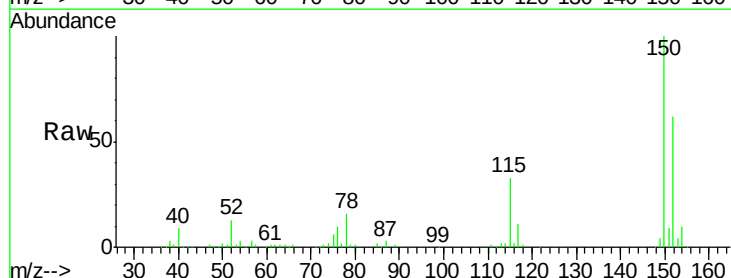


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

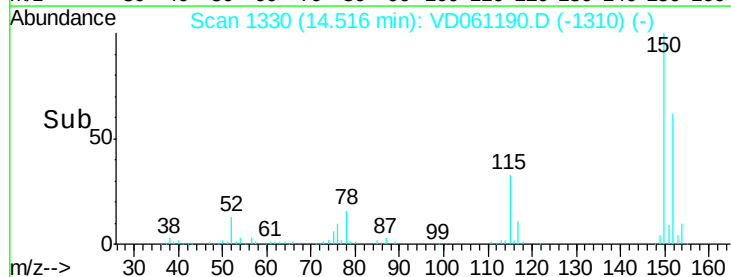
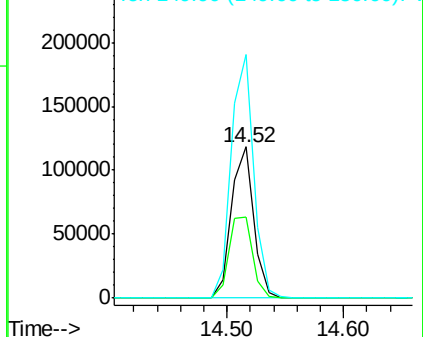


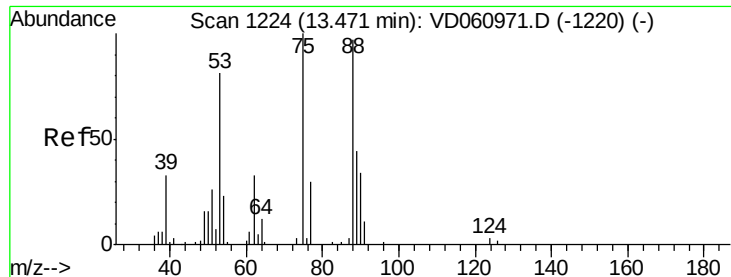
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061190.D
Acq: 19 Mar 2019 17:34

Tgt Ion:152 Resp: 156770
Ion Ratio Lower Upper
152 100
115 53.8 28.6 85.9
150 161.0 0.0 310.6



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: 97.611 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061190.D

Acq: 19 Mar 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

SB-5(13-14)RE

Tot Ion: 75 Resp: 64906

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 34.8 52.2#

