

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061191.D
 Acq On : 19 Mar 2019 18:01
 Operator : VA/AP
 Sample : K1935-06RE
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-18(11-12)RE

Quant Time: Mar 20 01:54:45 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	242327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	473317	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	296298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	79539	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	157046	77.86	ug/l	0.00
Spiked Amount			Recovery	=	155.72%	
35) Dibromofluoromethane	6.92	113	205885	58.61	ug/l	0.00
Spiked Amount			Recovery	=	117.22%	
50) Toluene-d8	10.40	98	366678	41.57	ug/l	0.00
Spiked Amount			Recovery	=	83.14%	
62) 4-Bromofluorobenzene	13.55	95	106131	31.01	ug/l	0.00
Spiked Amount			Recovery	=	62.02%	

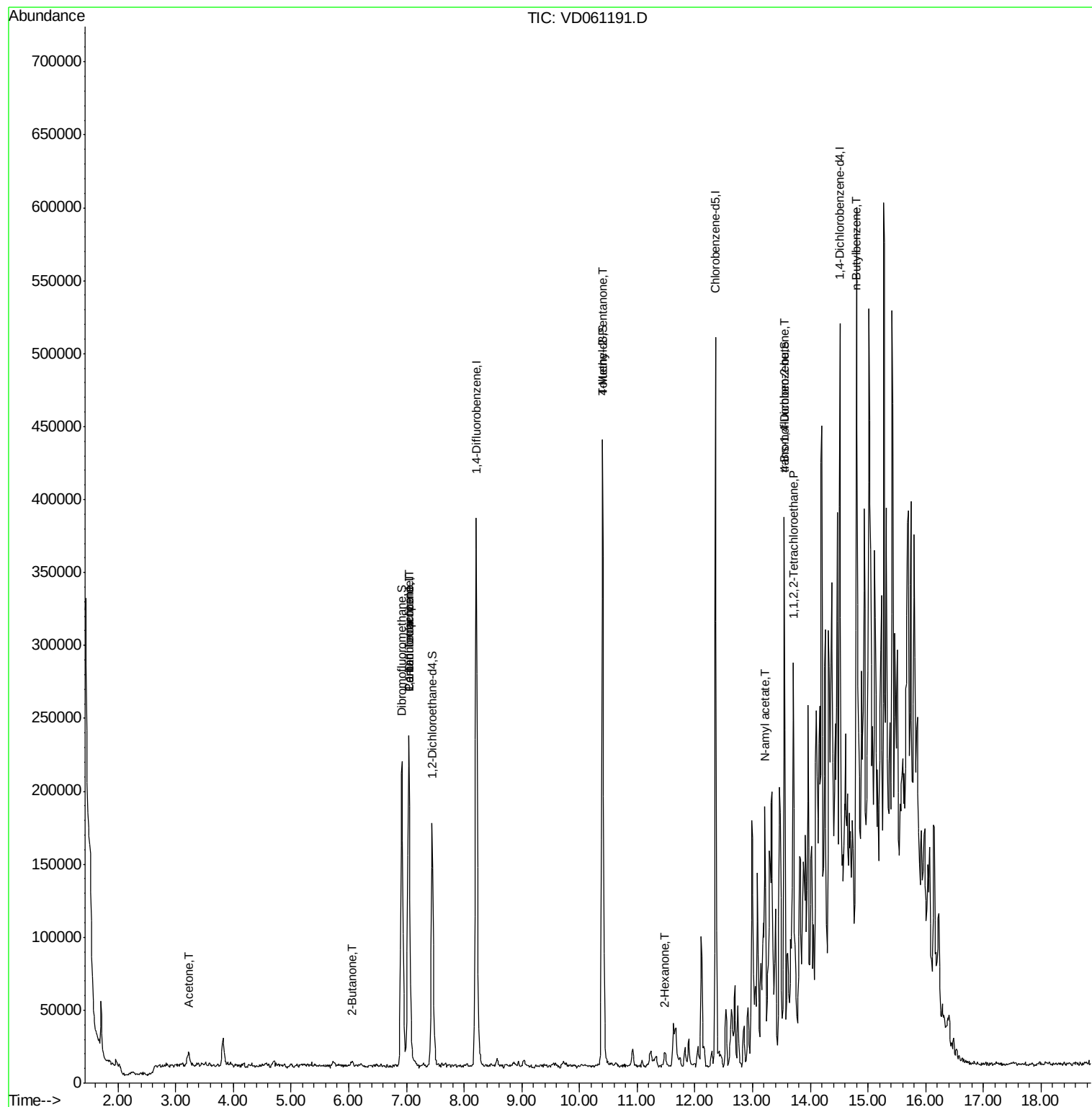
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	20719	35.920	ug/l	96
25) 2-Butanone	6.06	43	6432	9.827	ug/l #	87
36) 1,1-Dichloropropene	7.03	75	17182	4.211	ug/l #	47
38) Carbon Tetrachloride	7.04	117	22691	5.049	ug/l #	11
51) 4-Methyl-2-Pentanone	10.40	43	1808	1.113	ug/l #	1
59) 2-Hexanone	11.47	43	7709	6.487	ug/l #	25
74) N-amyl acetate	13.21	43	25519	15.810	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	13.71	83	17315	15.482	ug/l #	60
81) trans-1,4-Dichloro-2-buten	13.55	75	37964	112.530	ug/l #	20
89) n-Butylbenzene	14.80	91	5165	1.132	ug/l #	45

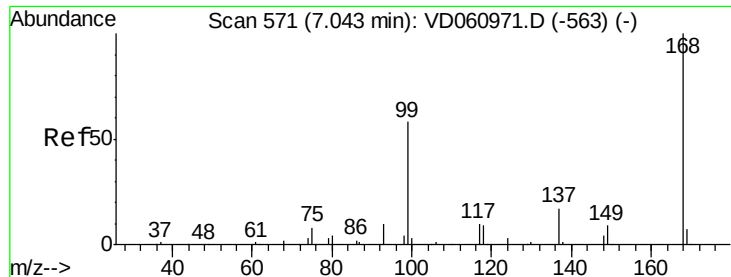
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031919\
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Quant Time: Mar 20 01:54:45 2019
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: VD061191.D

Acq: 19 Mar 2019 18:01

Instrument :

MSVOA_D

ClientSampleId :

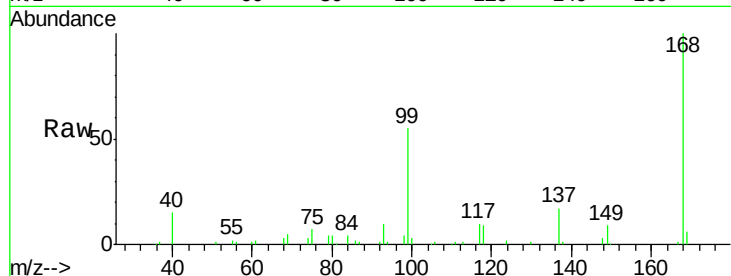
SB-18(11-12)RE

Tot Ion:168 Resp: 242327

Ion Ratio Lower Upper

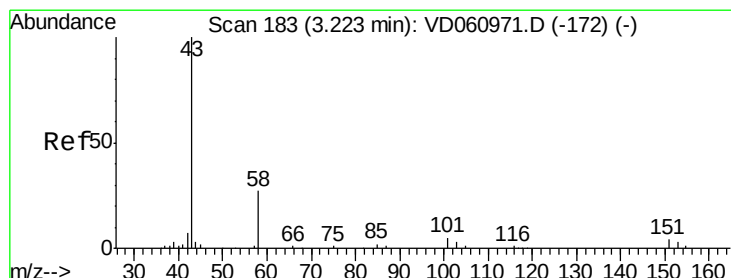
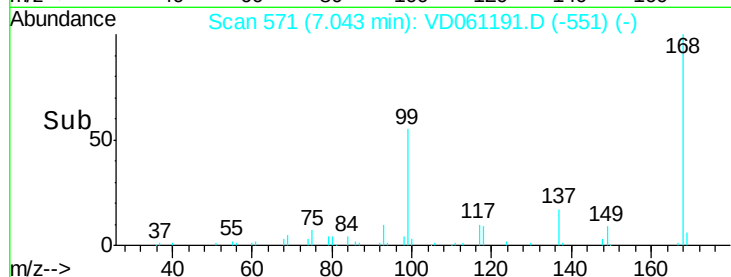
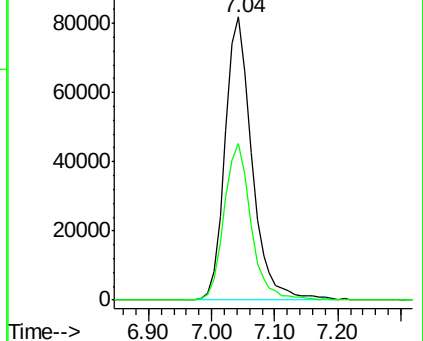
168 100

99 55.2 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: 35.920 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061191.D

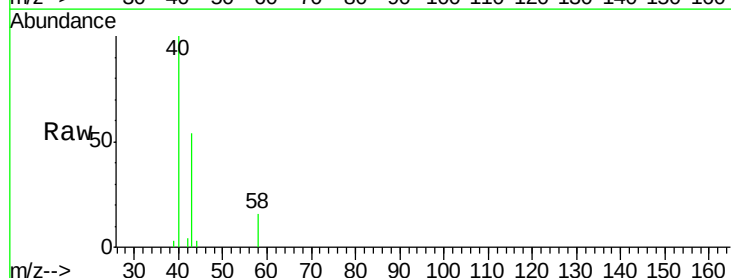
Acq: 19 Mar 2019 18:01

Tgt Ion: 43 Resp: 20719

Ion Ratio Lower Upper

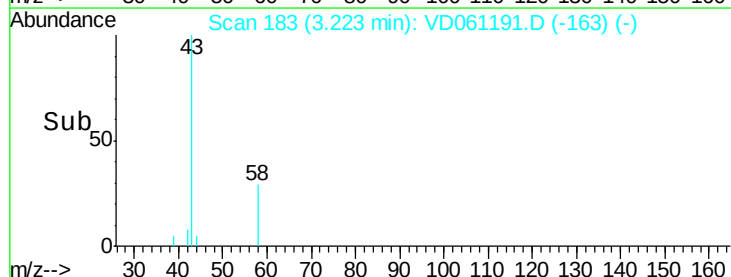
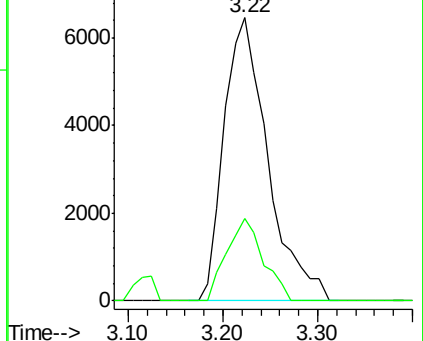
43 100

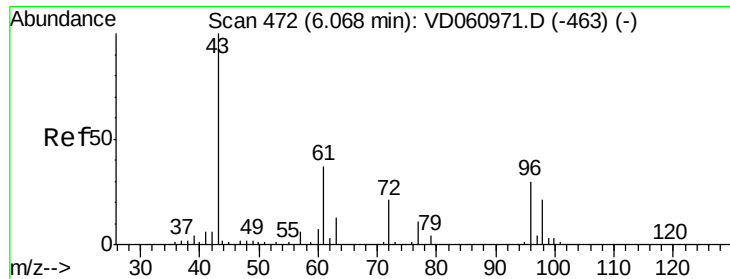
58 29.3 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 9.827 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.01 min

Lab File: VD061191.D

Acq: 19 Mar 2019 18:01

Instrument :

MSVOA_D

ClientSampleId :

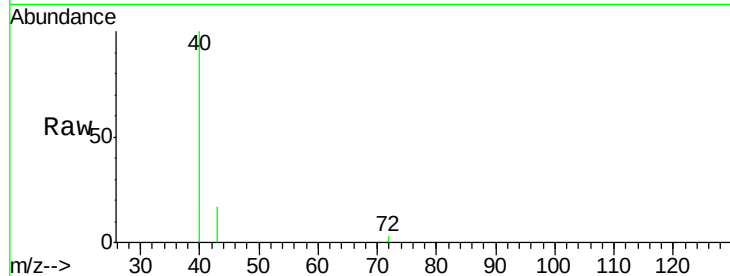
SB-18(11-12)RE

Tot Ion: 43 Resp: 6432

Ion Ratio Lower Upper

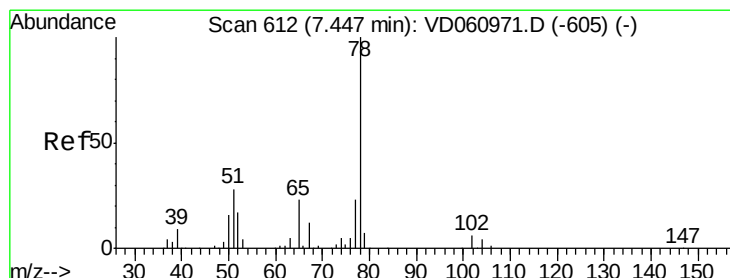
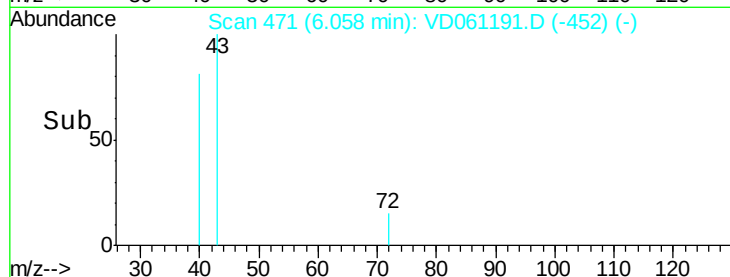
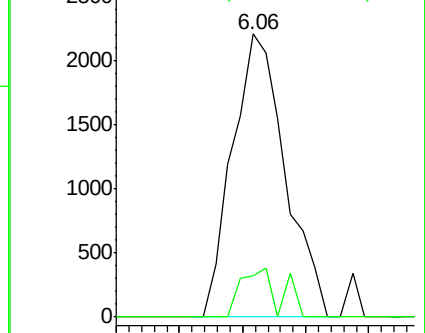
43 100

72 14.7 16.7 25.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061191.D

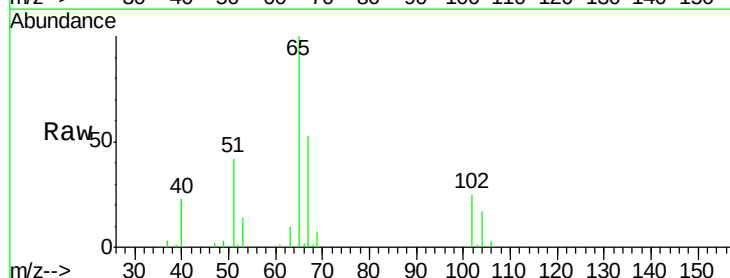
Acq: 19 Mar 2019 18:01

Tgt Ion: 65 Resp: 157046

Ion Ratio Lower Upper

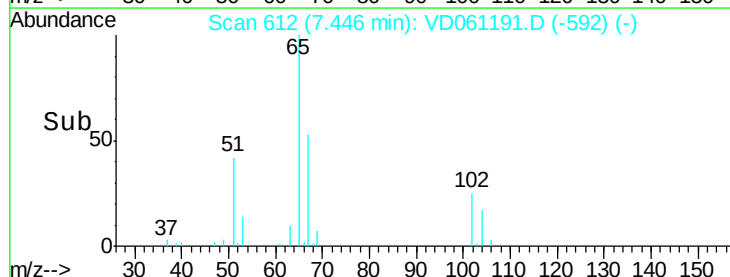
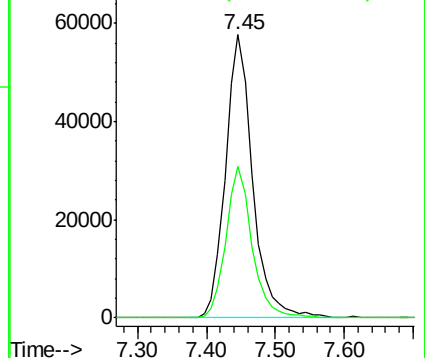
65 100

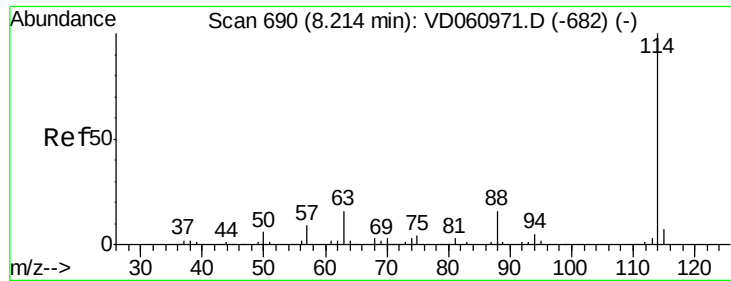
67 53.4 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

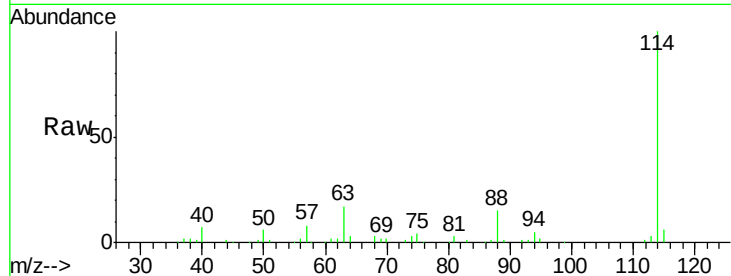




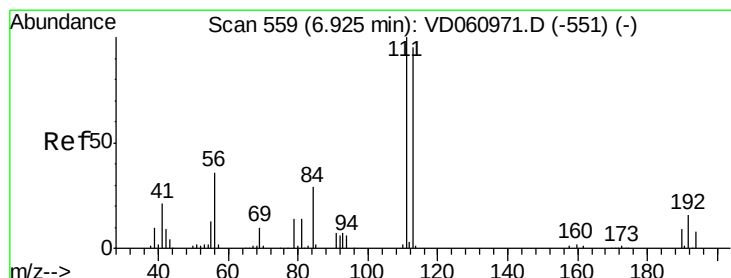
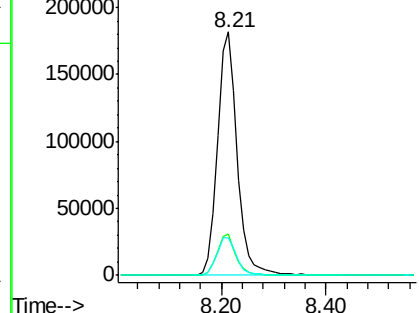
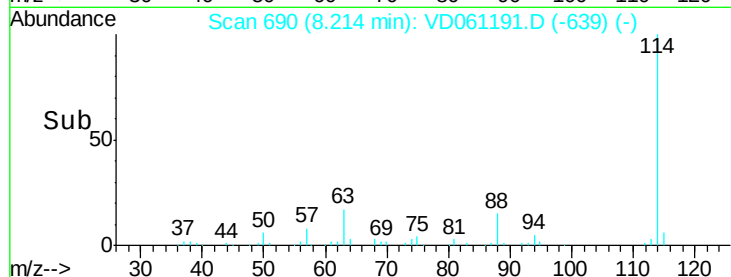
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061191.D
 Acq: 19 Mar 2019 18:01

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-18(11-12)RE

Tot Ion:114 Resp: 473317
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 31.4
 88 15.3 0.0 33.0

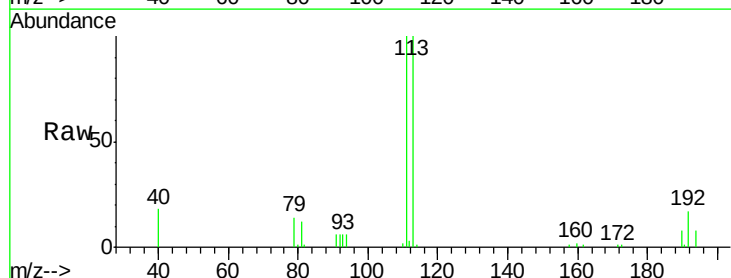


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

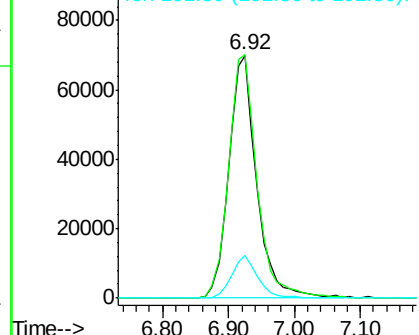
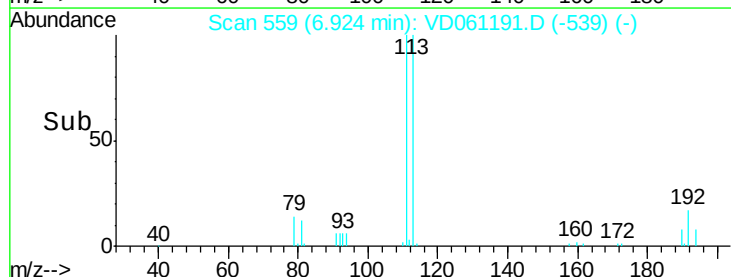


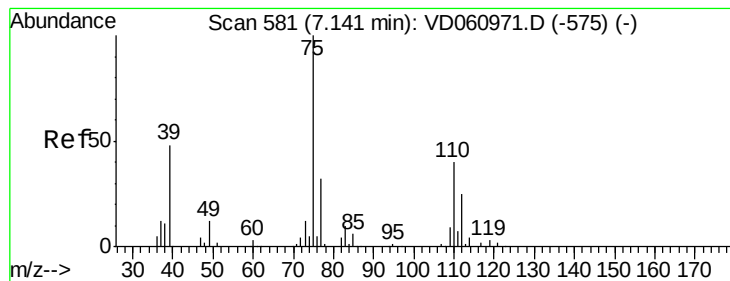
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD061191.D
 Acq: 19 Mar 2019 18:01

Tgt Ion:113 Resp: 205885
 Ion Ratio Lower Upper
 113 100
 111 100.3 84.2 126.4
 192 17.4 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: 4.211 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.11 min

Lab File: VD061191.D

Acq: 19 Mar 2019 18:01

Instrument :

MSVOA_D

ClientSampleId :

SB-18(11-12)RE

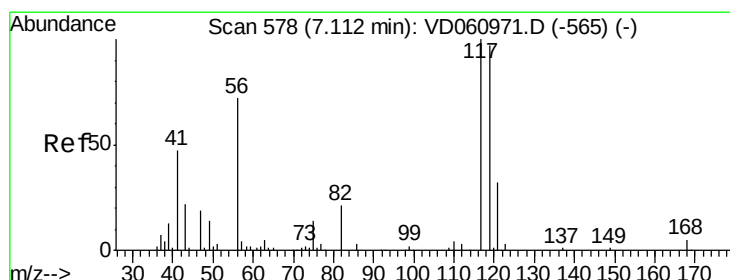
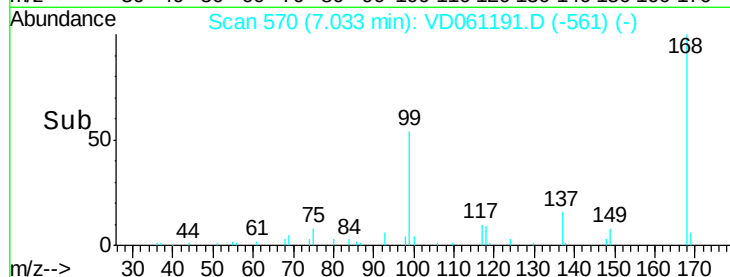
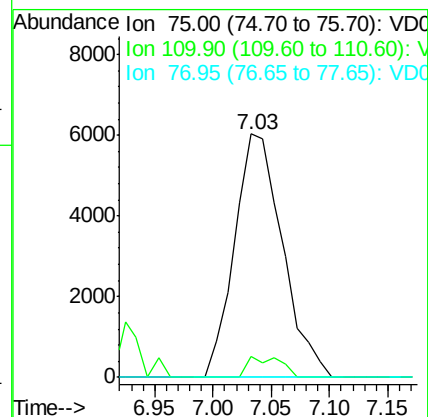
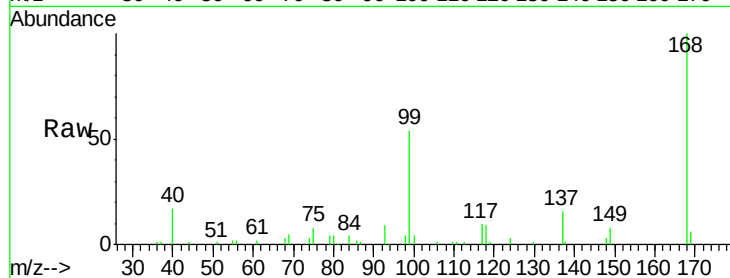
Tot Ion: 75 Resp: 17182

Ion Ratio Lower Upper

75 100

110 8.6 19.7 59.1#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.049 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD061191.D

Acq: 19 Mar 2019 18:01

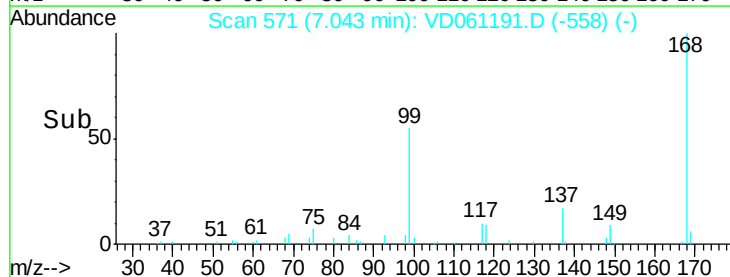
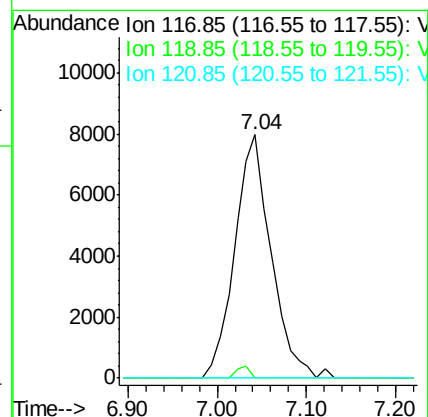
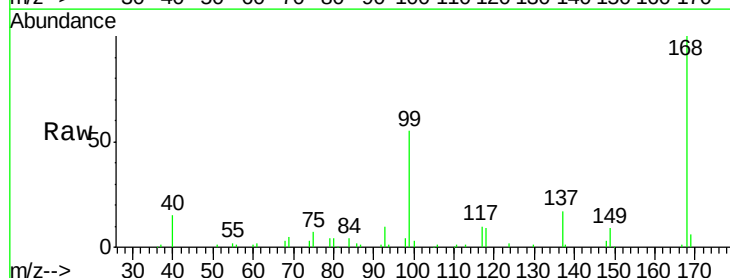
Tgt Ion: 117 Resp: 22691

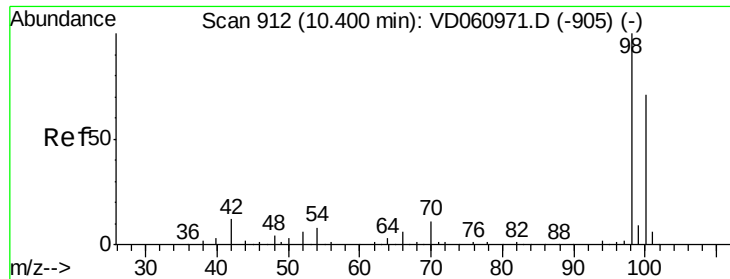
Ion Ratio Lower Upper

117 100

119 0.0 77.8 116.8#

121 0.0 25.3 37.9#

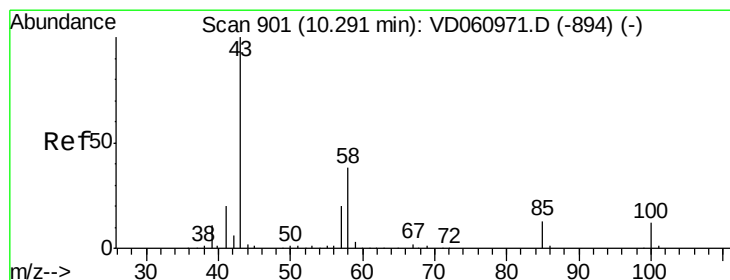
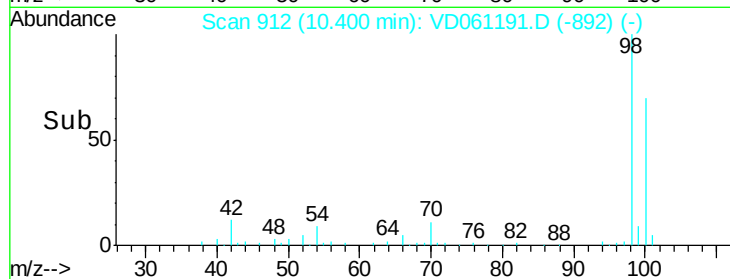
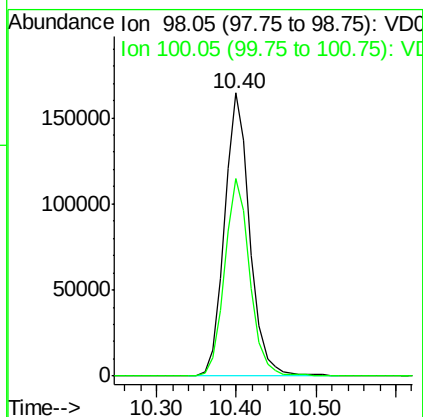
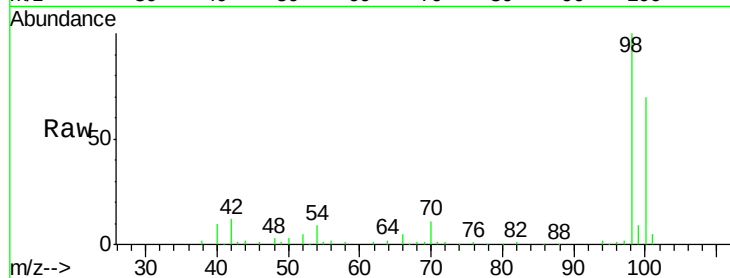




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061191.D
Acq: 19 Mar 2019 18:01

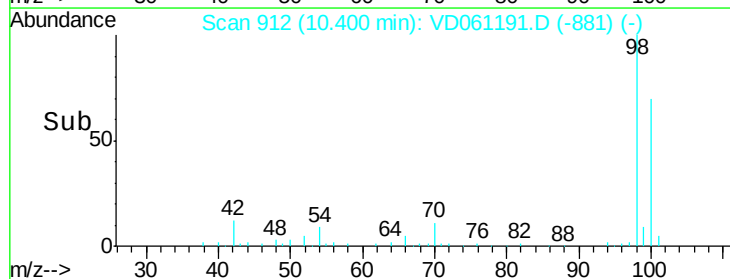
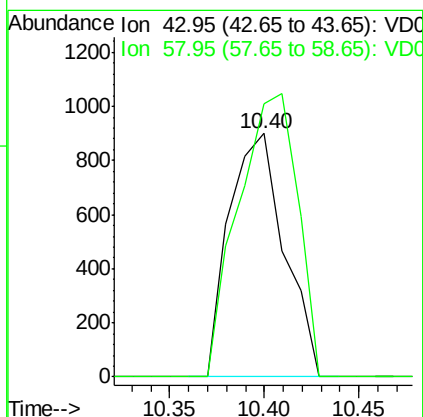
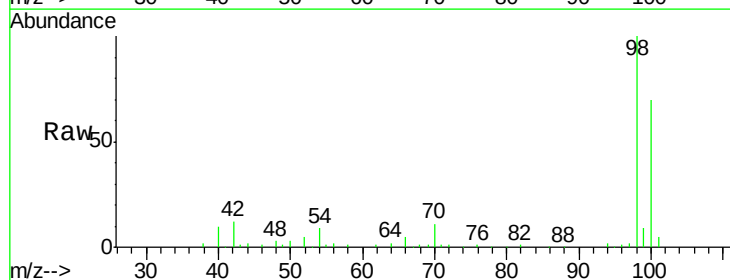
Instrument :
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SB-18(11-12)RE

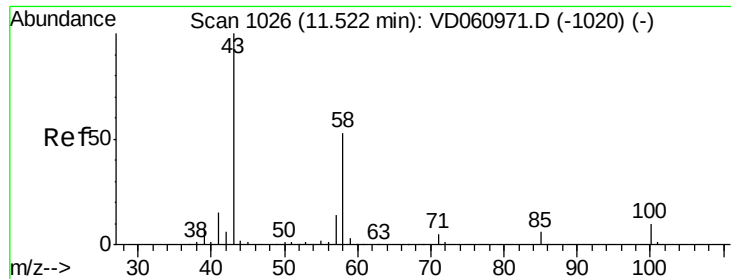
Tot Ion: 98 Resp: 366678
Ion Ratio Lower Upper
98 100
100 70.0 57.4 86.2



#51
4-Methyl-2-Pentanone
Concen: 1.113 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.11 min
Lab File: VD061191.D
Acq: 19 Mar 2019 18:01

Tgt Ion: 43 Resp: 1808
Ion Ratio Lower Upper
43 100
58 112.1 30.2 45.2#

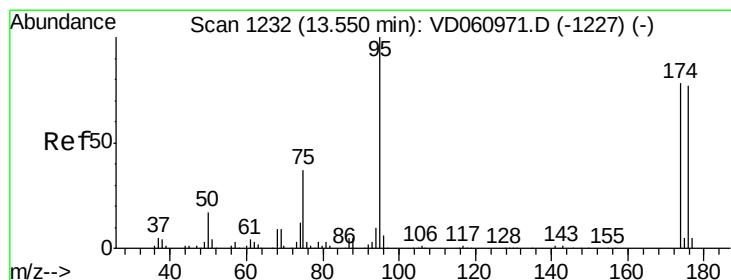
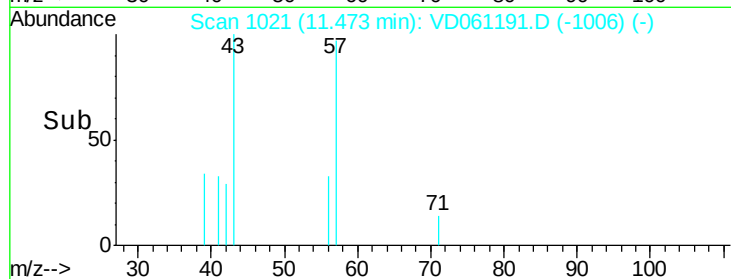
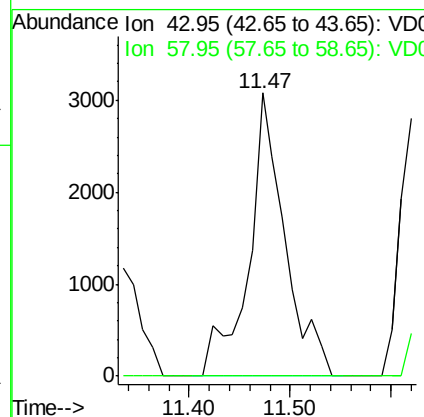
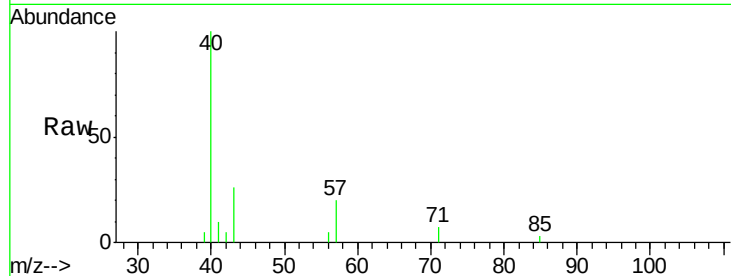




#59
2-Hexanone
Concen: 6.487 ug/l
RT: 11.47 min Scan# 1021
Delta R.T. -0.05 min
Lab File: VD061191.D
Acq: 19 Mar 2019 18:01

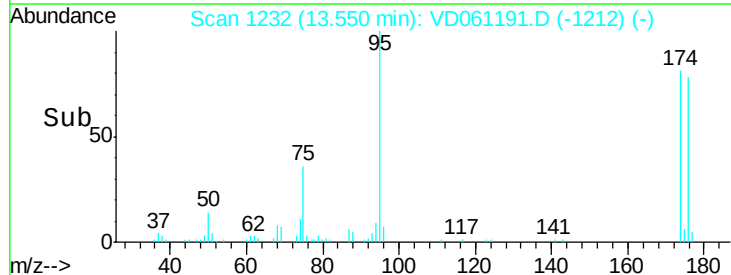
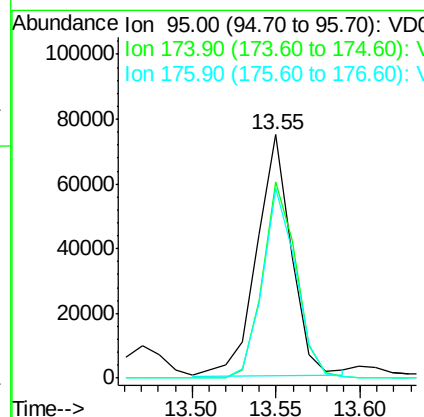
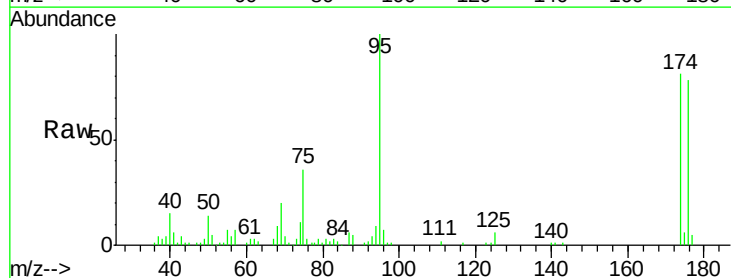
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MSVOA_D
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SB-18(11-12)RE

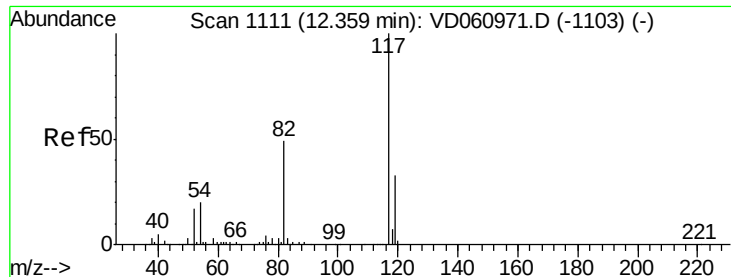
Tot Ion: 43 Resp: 7709
Ion Ratio Lower Upper
43 100
58 0.0 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061191.D
Acq: 19 Mar 2019 18:01

Tgt Ion: 95 Resp: 106131
Ion Ratio Lower Upper
95 100
174 80.7 0.0 155.6
176 77.8 0.0 153.8

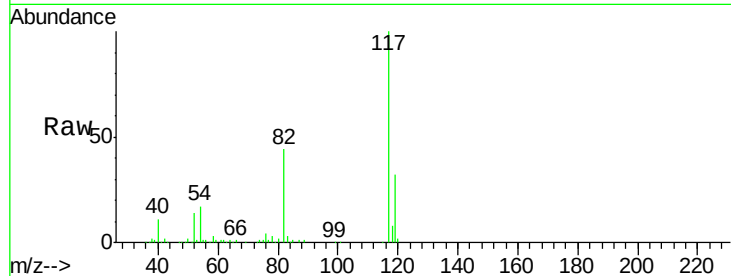




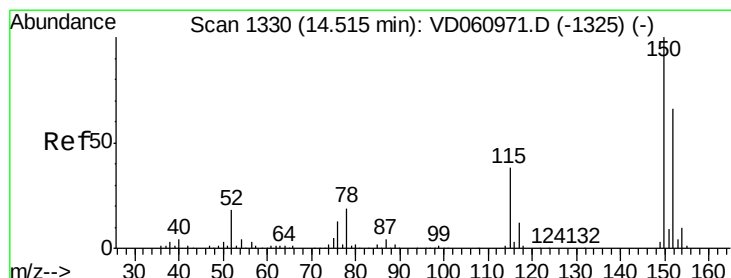
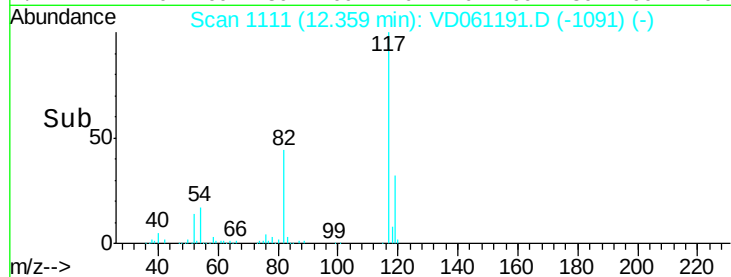
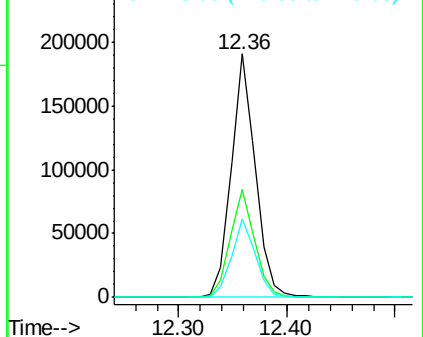
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061191.D
Acq: 19 Mar 2019 18:01

Instrument :
MSVOA_D
ClientSampleId :
SB-18(11-12)RE

Tot Ion:117 Resp: 296298
Ion Ratio Lower Upper
117 100
82 44.3 38.9 58.3
119 32.3 26.6 39.8

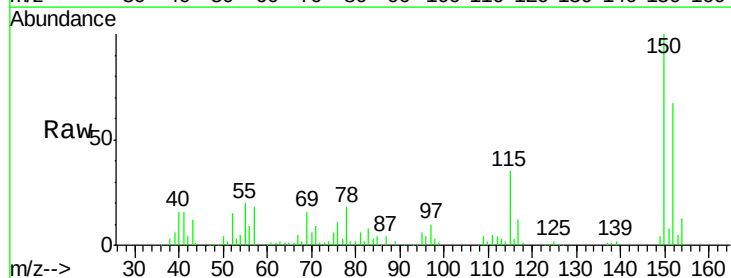


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

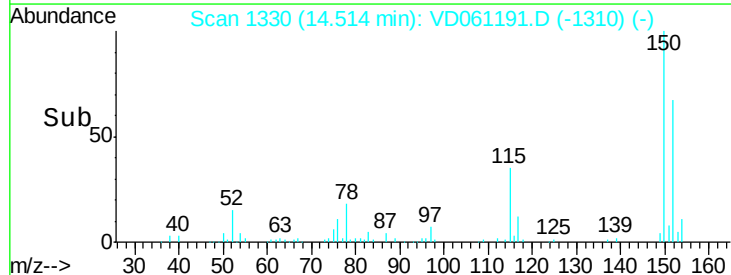
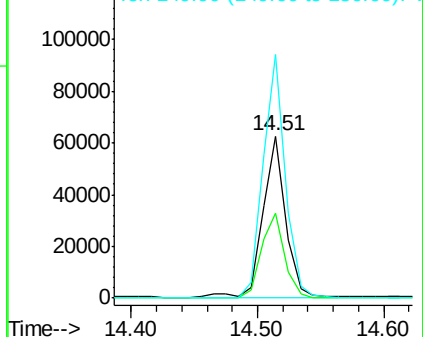


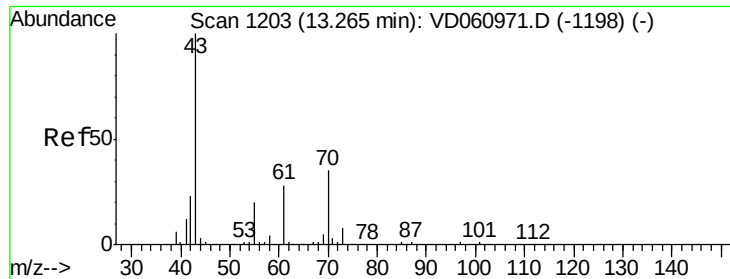
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061191.D
Acq: 19 Mar 2019 18:01

Tgt Ion:152 Resp: 79539
Ion Ratio Lower Upper
152 100
115 52.7 28.6 85.9
150 150.2 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

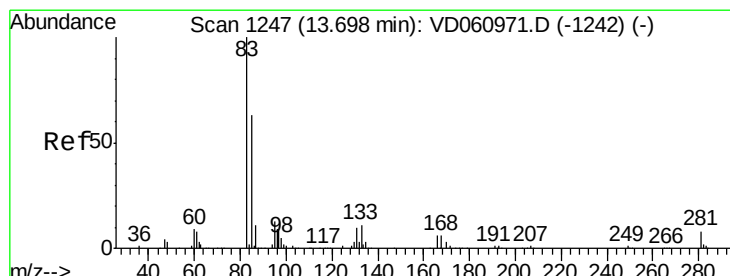
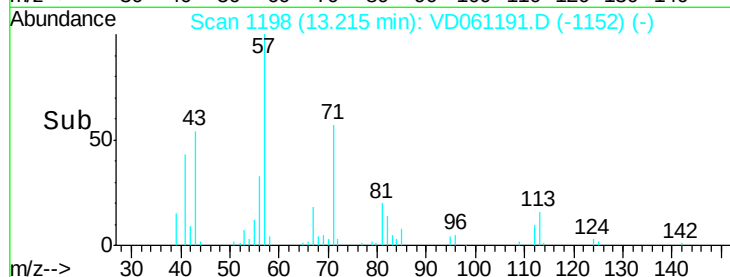
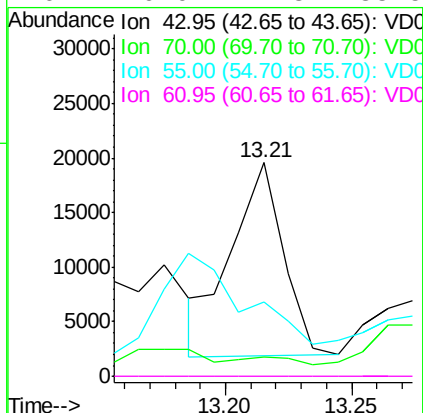
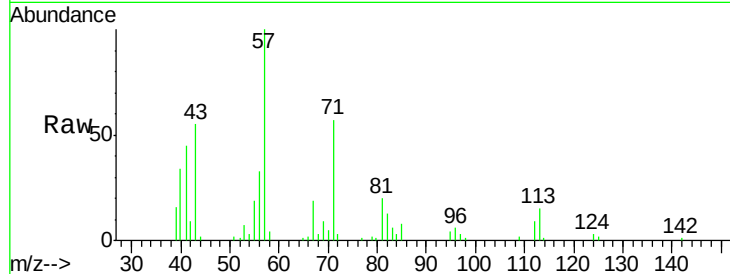




#74
N-amvl acetate
Concen: 15.810 ug/l
RT: 13.21 min Scan# 1198
Delta R.T. -0.05 min
Lab File: VD061191.D
Acq: 19 Mar 2019 18:01

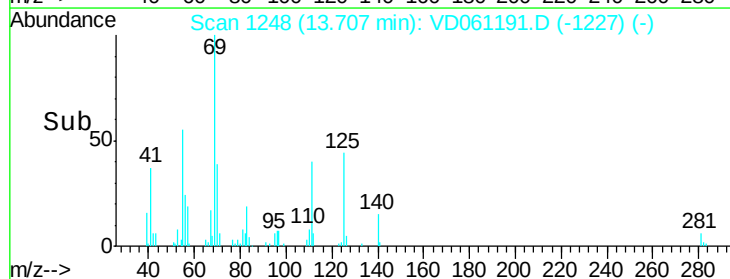
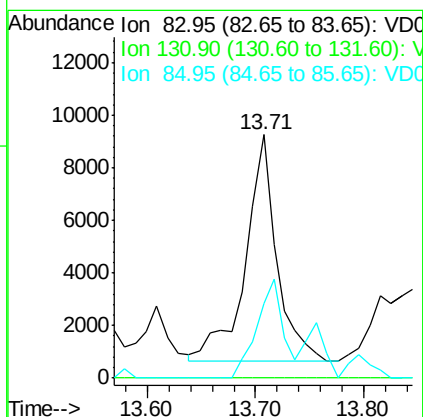
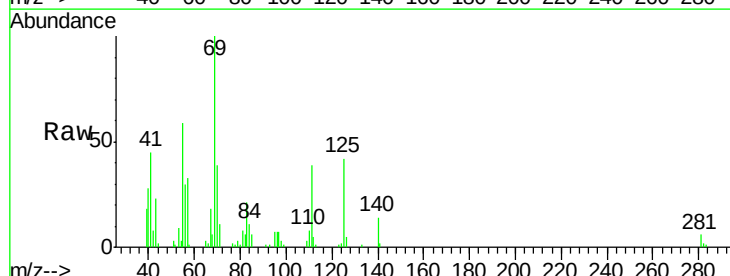
Instrument :
MSVOA_D
ClientSampleId :
SB-18(11-12)RE

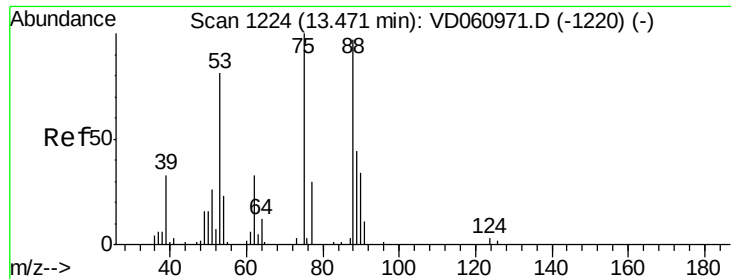
Tot Ion: 43 Resp: 25519
Ion Ratio Lower Upper
43 100
70 8.8 27.7 41.5#
55 34.6 16.2 24.2#
61 0.0 22.3 33.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 15.482 ug/l
RT: 13.71 min Scan# 1248
Delta R.T. 0.01 min
Lab File: VD061191.D
Acq: 19 Mar 2019 18:01

Tgt Ion: 83 Resp: 17315
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 30.7 31.5 94.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 112.530 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061191.D

Acq: 19 Mar 2019 18:01

Instrument :

MSVOA_D

ClientSampleId :

SB-18(11-12)RE

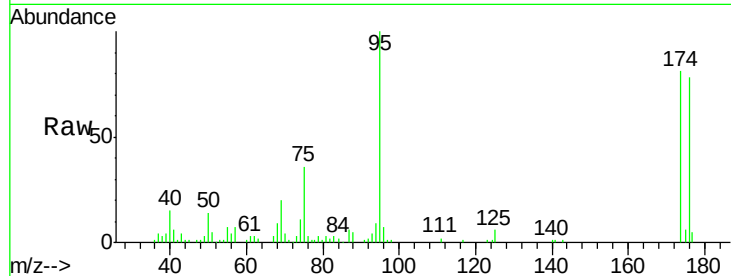
Tot Ion: 75 Resp: 37964

Ion Ratio Lower Upper

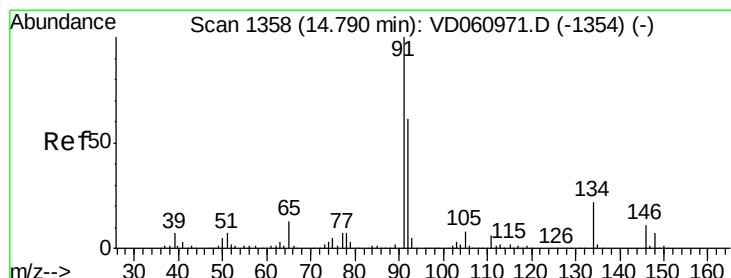
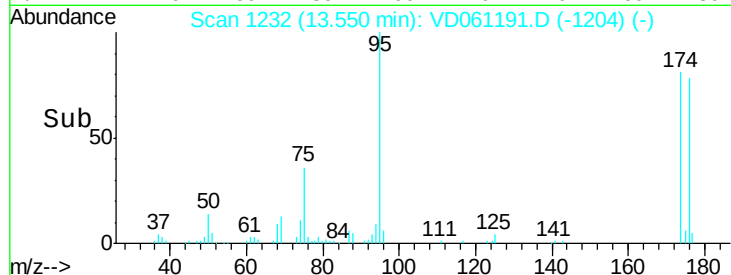
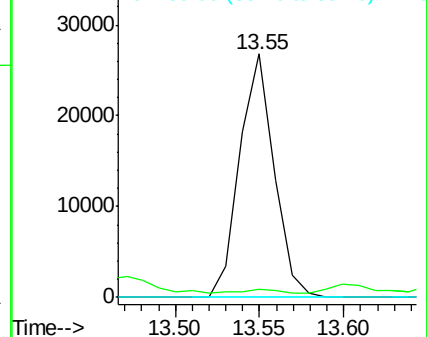
75 100

53 3.3 64.4 96.6#

89 0.0 34.8 52.2#



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



#89

n-Butylbenzene

Concen: 1.132 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.01 min

Lab File: VD061191.D

Acq: 19 Mar 2019 18:01

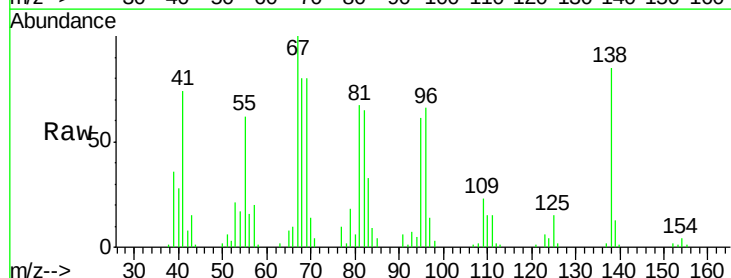
Tgt Ion: 91 Resp: 5165

Ion Ratio Lower Upper

91 100

92 17.2 30.6 91.8#

134 0.0 11.0 33.0#



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): V

