

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061189.D
 Acq On : 19 Mar 2019 17:06
 Operator : VA/AP
 Sample : K1935-03RE
 Misc : 3.95g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(7-8)RE

Quant Time: Mar 20 01:53:23 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	118458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	217018	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	198613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	69605	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	95651	97.01	ug/l	0.00
Spiked Amount			Recovery	=	194.02%	
35) Dibromofluoromethane	6.91	113	111857	69.45	ug/l	-0.01
Spiked Amount			Recovery	=	138.90%	
50) Toluene-d8	10.40	98	227527	56.26	ug/l	0.00
Spiked Amount			Recovery	=	112.52%	
62) 4-Bromofluorobenzene	13.55	95	85228	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	

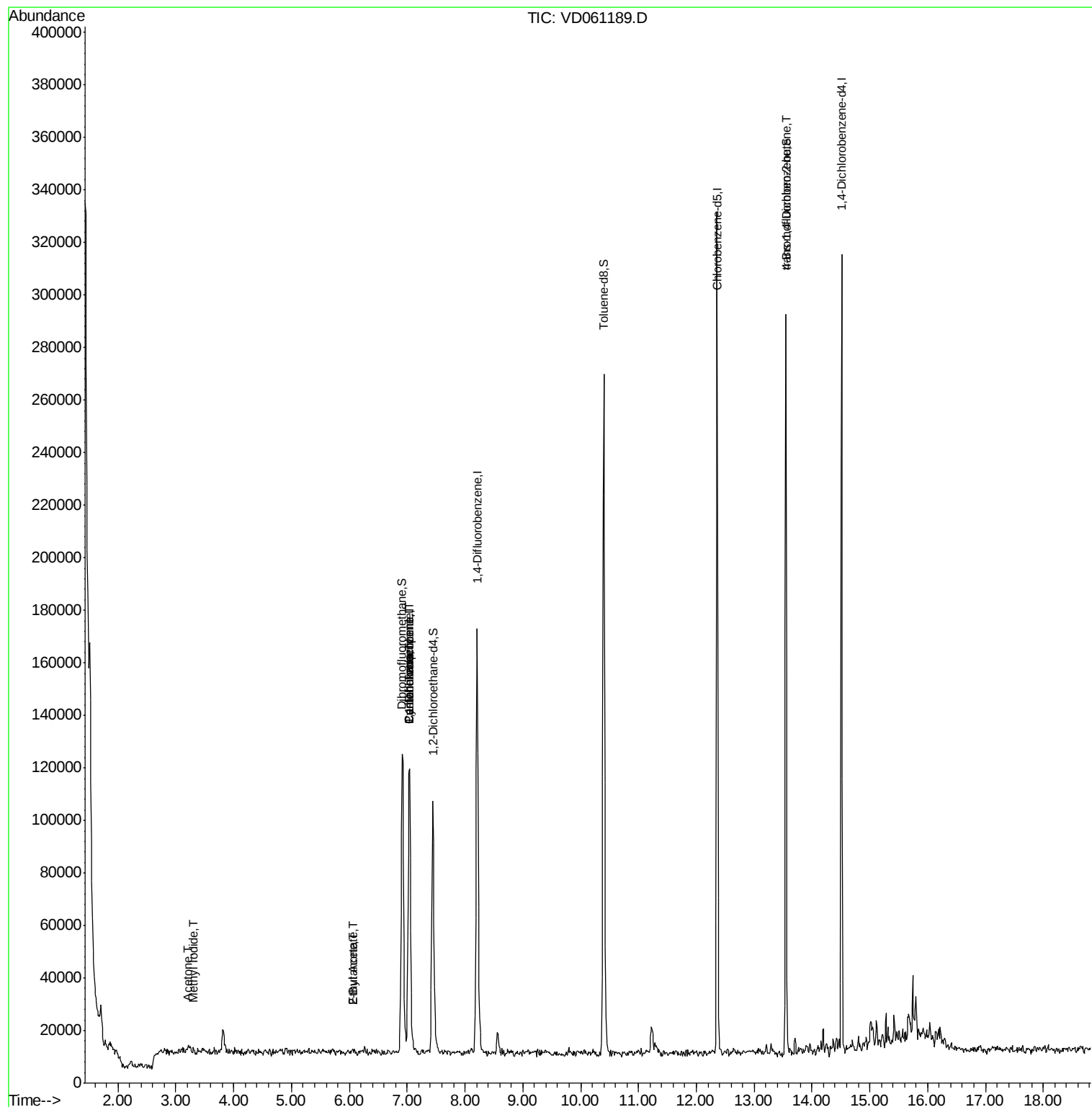
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.31	142	550	3.193	ug/l #	39
16) Acetone	3.21	43	7287	25.844	ug/l #	88
20) Methylene Chloride	3.81	84	5923	Below Cal		96
25) 2-Butanone	6.07	43	1413	4.416	ug/l #	55
31) Cyclohexane	7.03	56	2064	1.183	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	7908	4.227	ug/l #	39
37) Ethyl Acetate	6.07	43	1413	1.610	ug/l #	66
38) Carbon Tetrachloride	7.03	117	11023	5.349	ug/l #	11
81) trans-1,4-Dichloro-2-buten	13.55	75	31582	106.974	ug/l #	17

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

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Quant Time: Mar 20 01:53:23 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: VD061189.D

Acq: 19 Mar 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

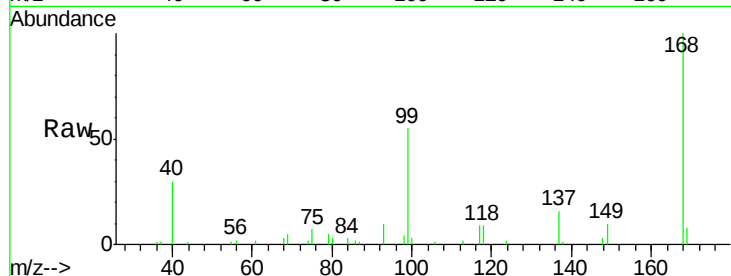
SB-5(7-8)RE

Tot Ion:168 Resp: 118458

Ion Ratio Lower Upper

168 100

99 54.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.04

40000

30000

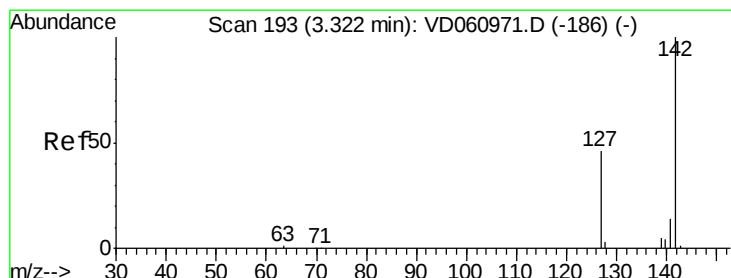
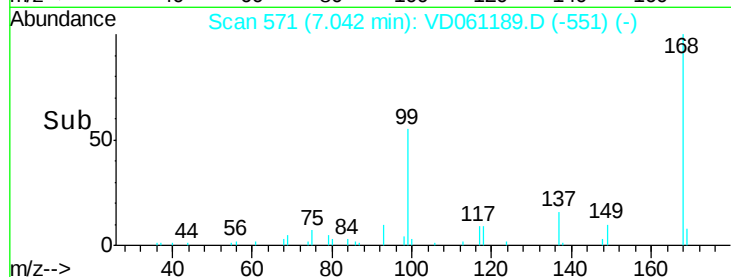
20000

10000

0

6.90 7.00 7.10 7.20

Time-->



#10

Methyl Iodide

Concen: 3.193 ug/l

RT: 3.31 min Scan# 192

Delta R.T. -0.01 min

Lab File: VD061189.D

Acq: 19 Mar 2019 17:06

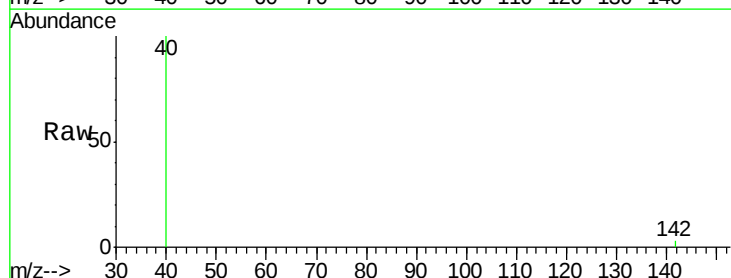
Tgt Ion:142 Resp: 550

Ion Ratio Lower Upper

142 100

127 0.0 36.8 55.2#

141 0.0 11.2 16.8#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

3.31

400

300

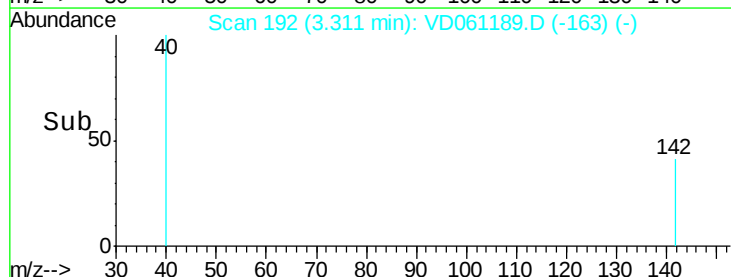
200

100

0

3.30 3.35

Time-->





#16

Acetone

Concen: 25.844 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061189.D

Acq: 19 Mar 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

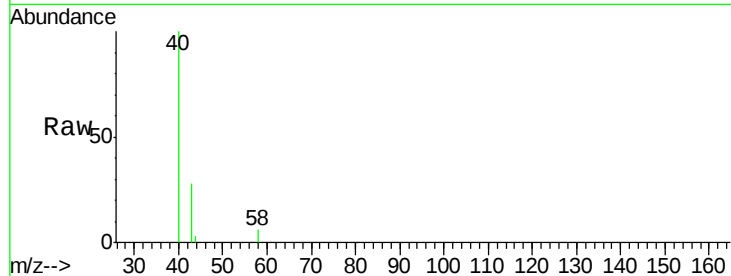
SB-5(7-8)RE

Tot Ion: 43 Resp: 7287

Ion Ratio Lower Upper

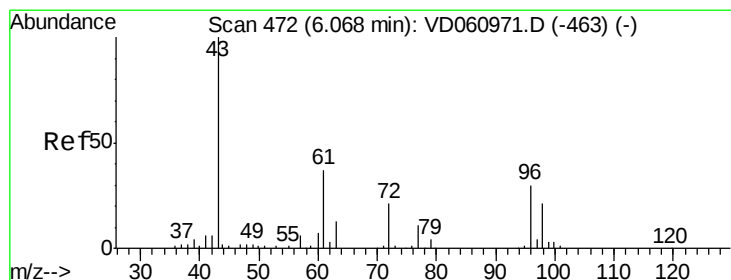
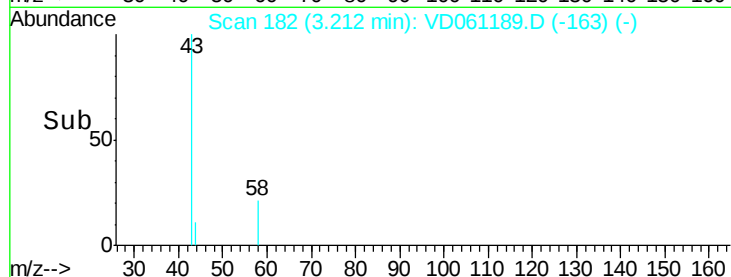
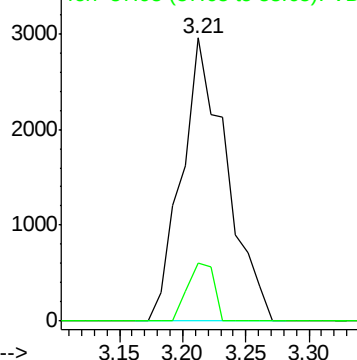
43 100

58 20.7 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: 4.416 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.00 min

Lab File: VD061189.D

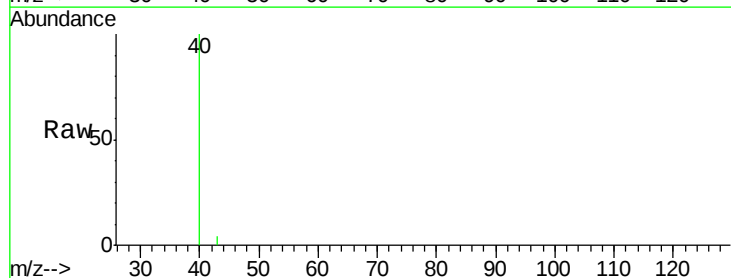
Acq: 19 Mar 2019 17:06

Tgt Ion: 43 Resp: 1413

Ion Ratio Lower Upper

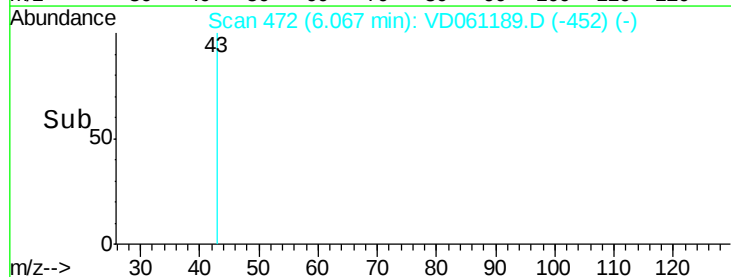
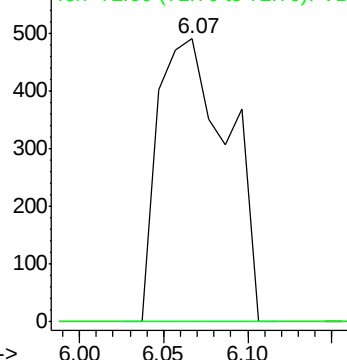
43 100

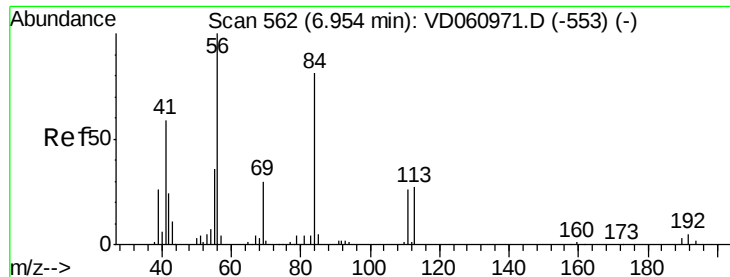
72 0.0 16.7 25.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

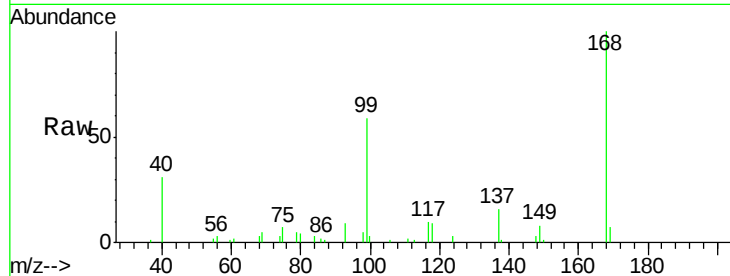




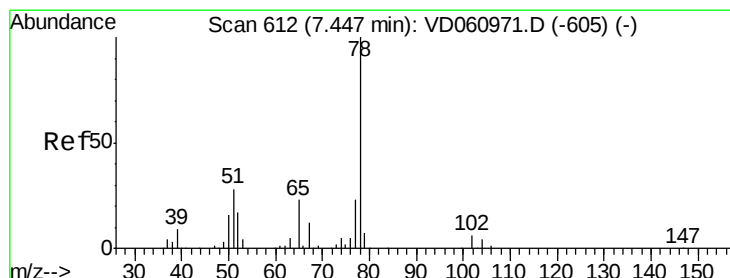
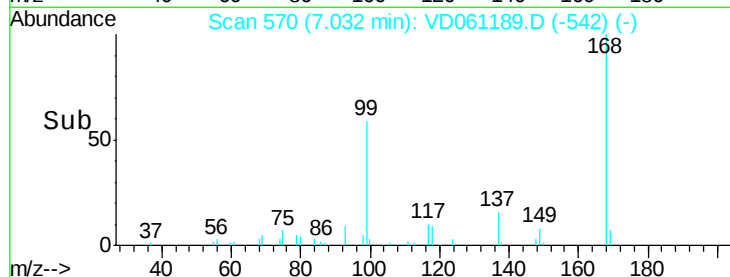
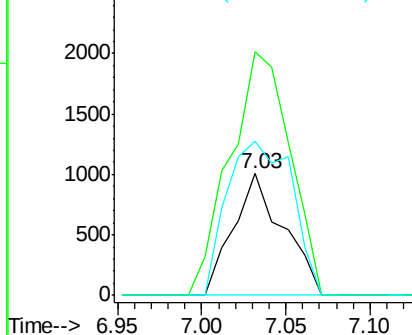
#31
Cyclohexane
Concen: 1.183 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.08 min
Lab File: VD061189.D
Acq: 19 Mar 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :
SB-5(7-8)RE

Tot Ion: 56 Resp: 2064
Ion Ratio Lower Upper
56 100
69 200.4 24.0 36.0#
84 126.4 65.8 98.6#

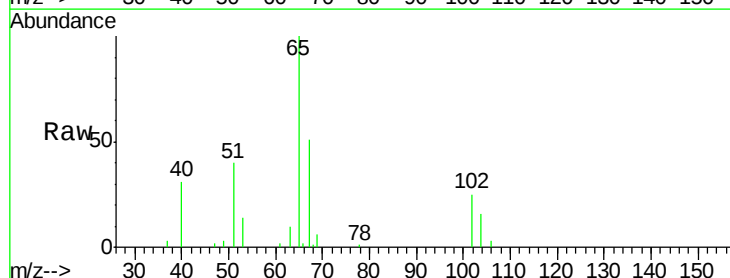


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

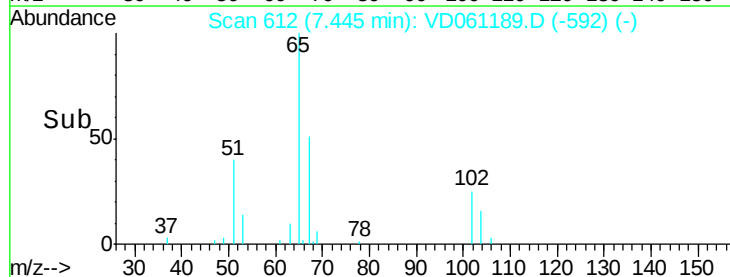
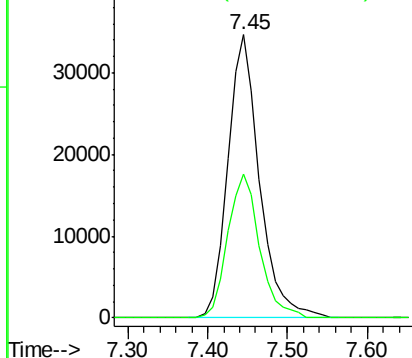


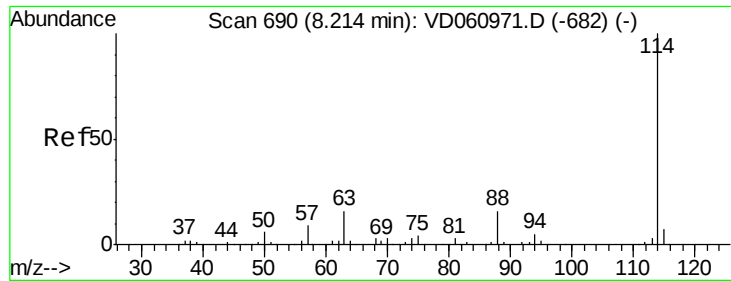
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD061189.D
Acq: 19 Mar 2019 17:06

Tgt Ion: 65 Resp: 95651
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.2



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

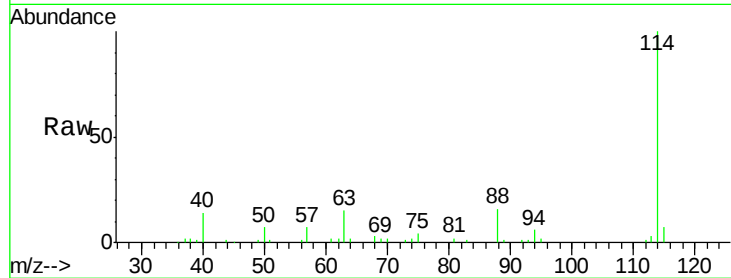




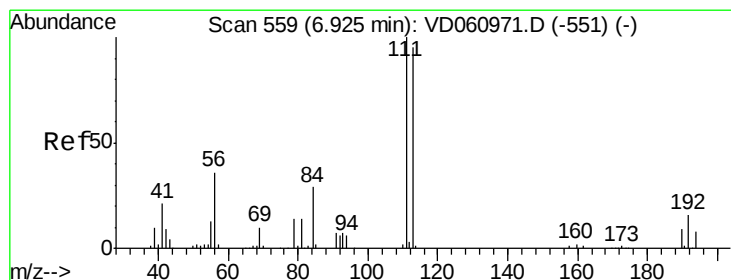
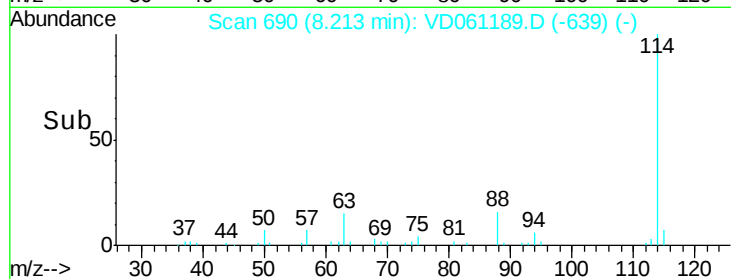
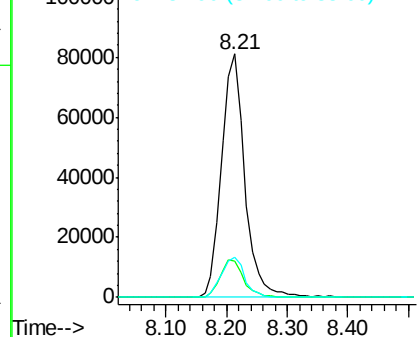
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061189.D
 Acq: 19 Mar 2019 17:06

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(7-8)RE

Tot Ion:114 Resp: 217018
 Ion Ratio Lower Upper
 114 100
 63 14.8 0.0 31.4
 88 16.3 0.0 33.0

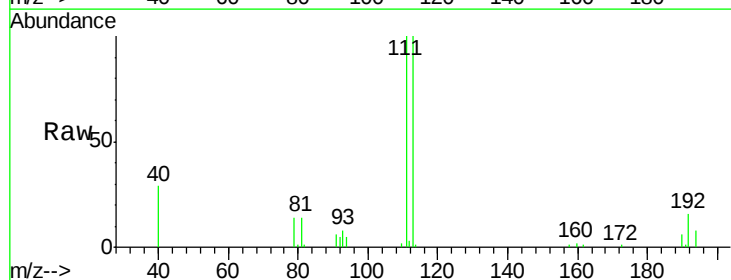


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

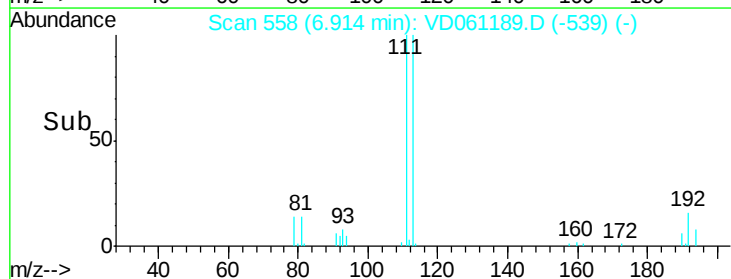
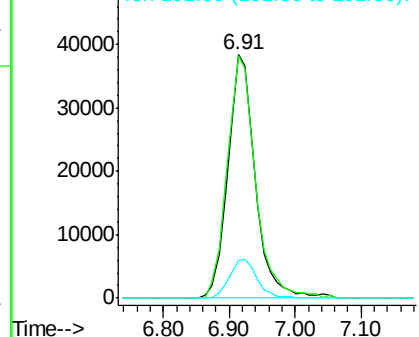


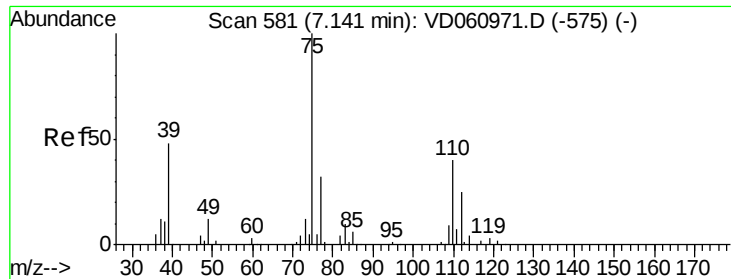
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061189.D
 Acq: 19 Mar 2019 17:06

Tgt Ion:113 Resp: 111857
 Ion Ratio Lower Upper
 113 100
 111 99.5 84.2 126.4
 192 15.7 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

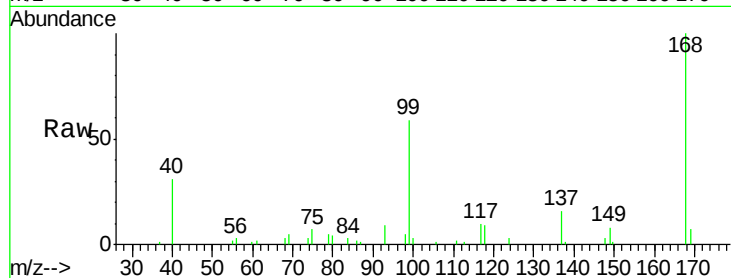




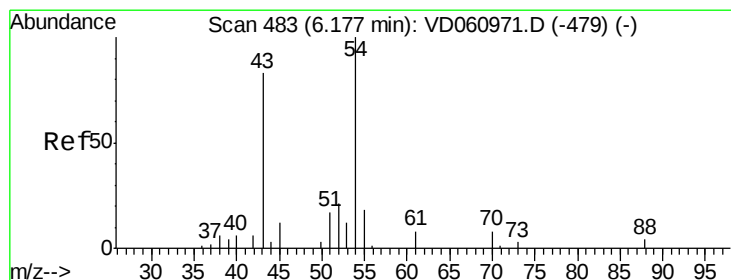
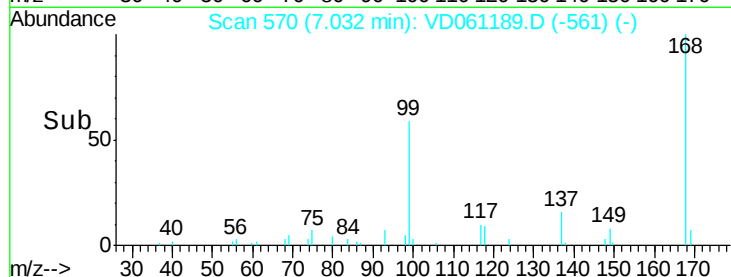
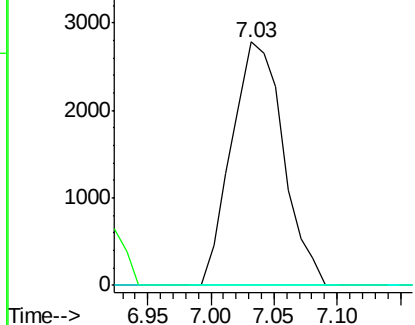
#36
 1,1-Dichloropropene
 Concen: 4.227 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.11 min
 Lab File: VD061189.D
 Acq: 19 Mar 2019 17:06

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(7-8)RE

Tot Ion: 75 Resp: 7908
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.7 59.1#
 77 0.0 24.7 37.1#

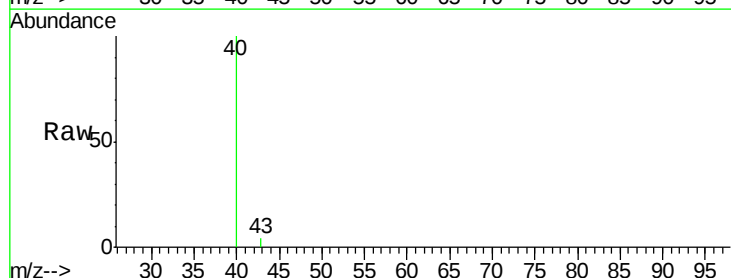


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

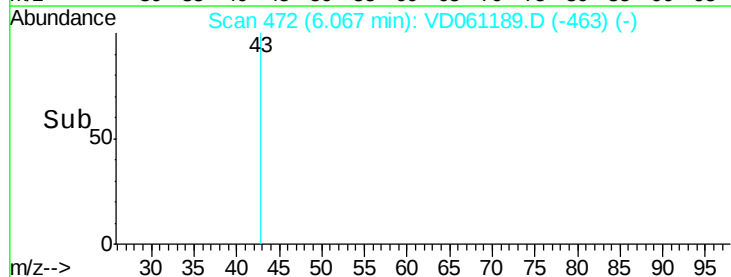
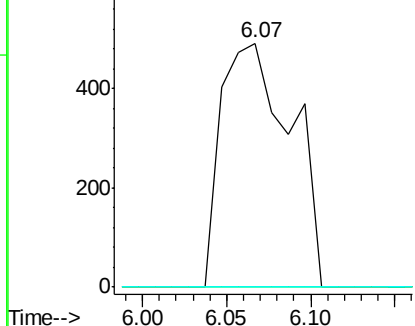


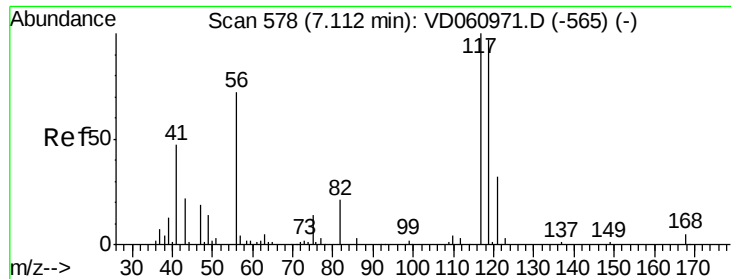
#37
 Ethyl Acetate
 Concen: 1.610 ug/l
 RT: 6.07 min Scan# 472
 Delta R.T. -0.11 min
 Lab File: VD061189.D
 Acq: 19 Mar 2019 17:06

Tgt Ion: 43 Resp: 1413
 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

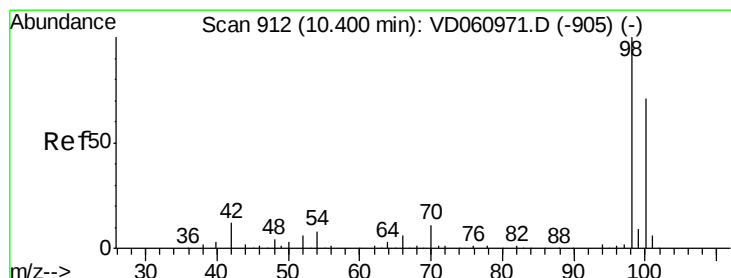
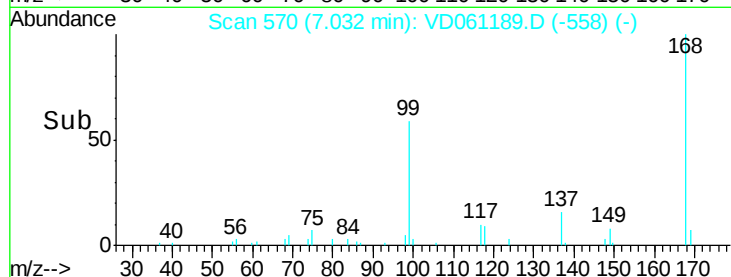
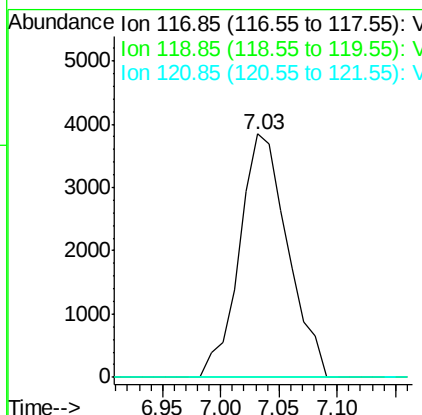
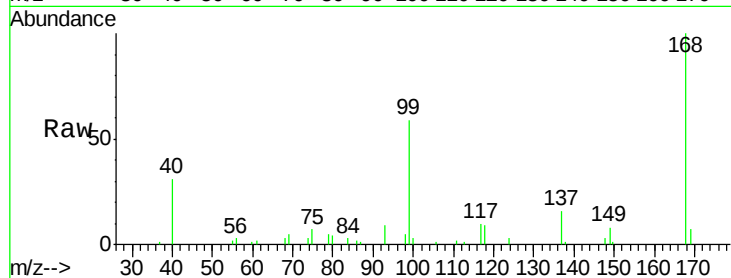




#38
Carbon Tetrachloride
Concen: 5.349 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD061189.D
Acq: 19 Mar 2019 17:06

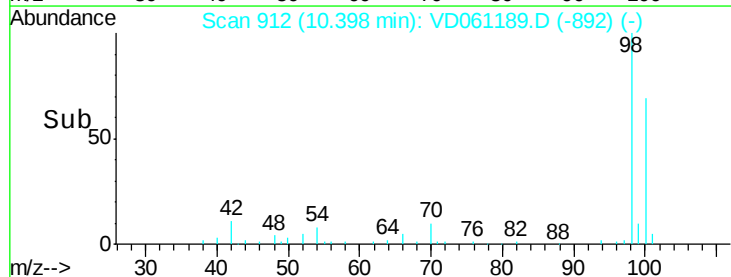
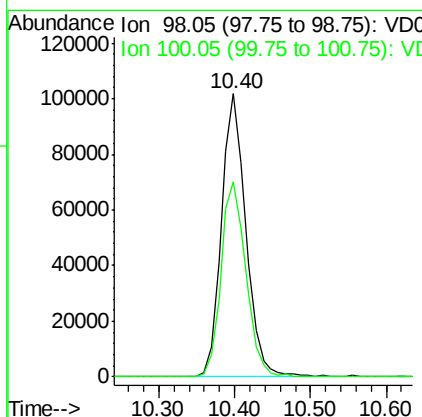
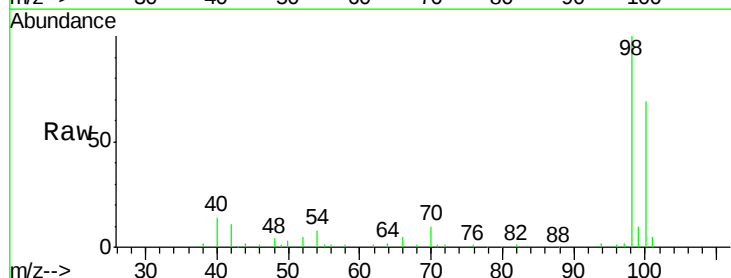
Instrument :
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SB-5(7-8)RE

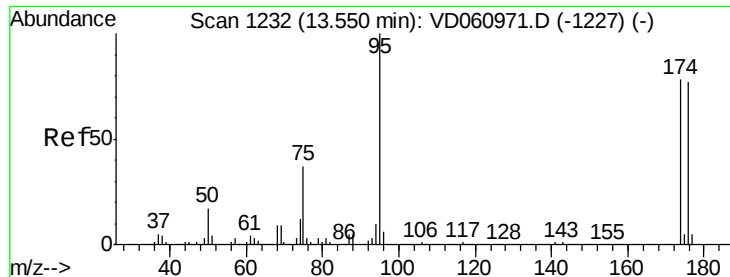
Tot Ion:117 Resp: 11023
Ion Ratio Lower Upper
117 100
119 0.0 77.8 116.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061189.D
Acq: 19 Mar 2019 17:06

Tgt Ion: 98 Resp: 227527
Ion Ratio Lower Upper
98 100
100 68.8 57.4 86.2





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061189.D

Acq: 19 Mar 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

SB-5(7-8)RE

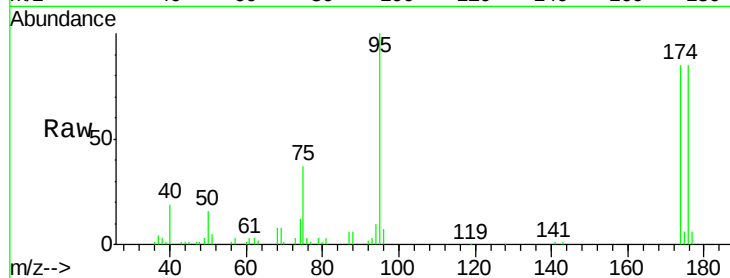
Tot Ion: 95 Resp: 85228

Ion Ratio Lower Upper

95 100

174 84.9 0.0 155.6

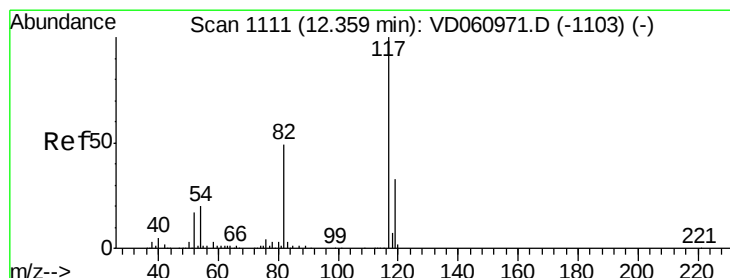
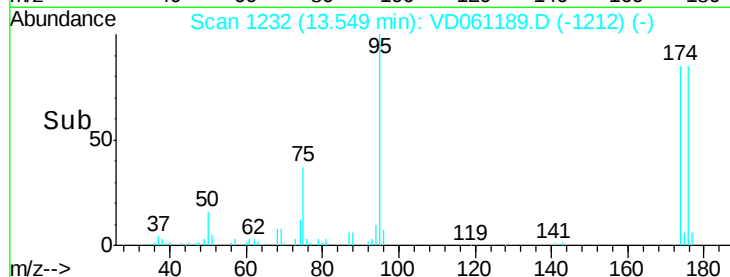
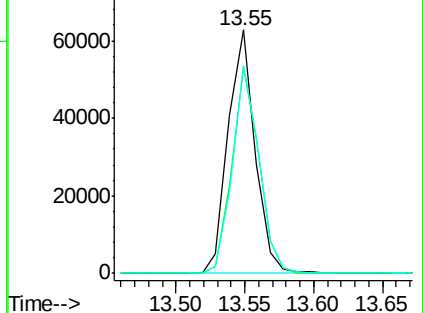
176 85.4 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): V

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: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD061189.D

Acq: 19 Mar 2019 17:06

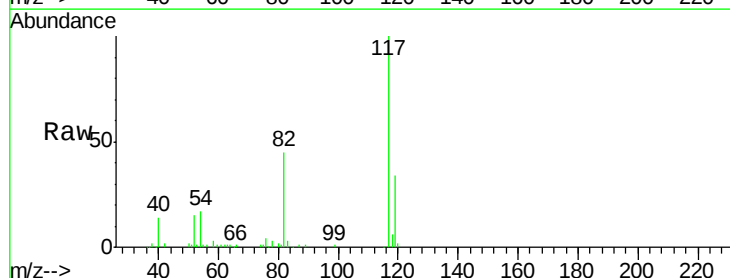
Tgt Ion: 117 Resp: 198613

Ion Ratio Lower Upper

117 100

82 45.4 38.9 58.3

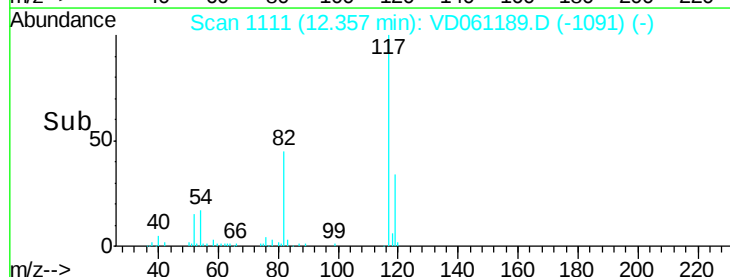
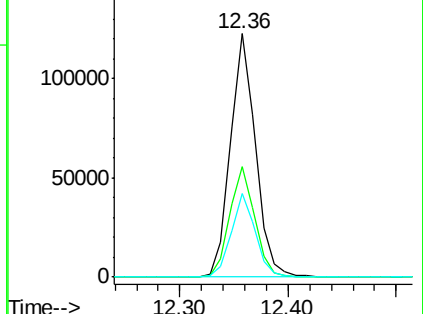
119 34.4 26.6 39.8

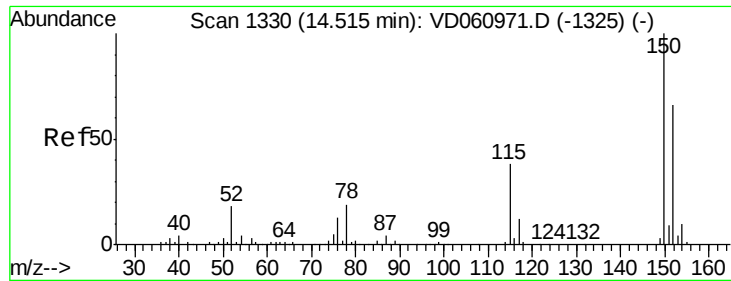


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

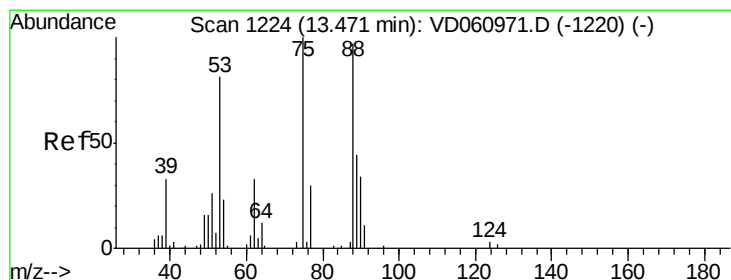
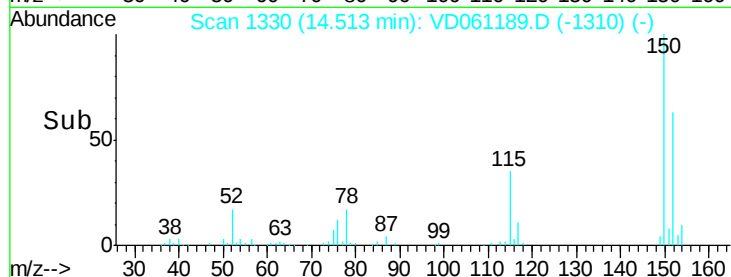
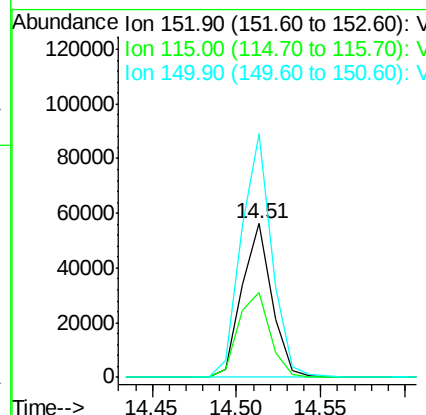
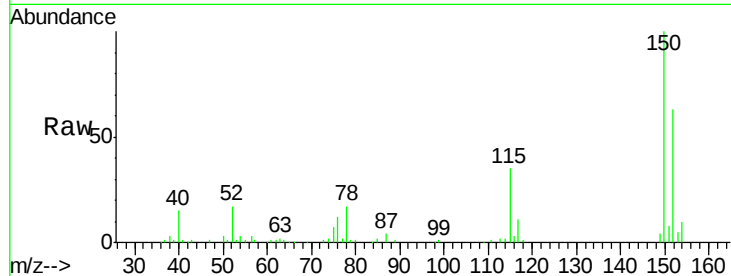




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061189.D
 Acq: 19 Mar 2019 17:06

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(7-8)RE

Tot Ion:152 Resp: 69605
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.6 85.9
 150 158.6 0.0 310.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.974 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.08 min
 Lab File: VD061189.D
 Acq: 19 Mar 2019 17:06

Tgt Ion: 75 Resp: 31582
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 34.8 52.2#

