

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061154.D
 Acq On : 18 Mar 2019 19:19
 Operator : VA/AP
 Sample : K1935-11
 Misc : 5.66g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 19 02:18:18 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	7.05	168	594547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1052260	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	814001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	256993	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	268427	54.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.48%	
35) Dibromofluoromethane	6.92	113	425321	54.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.92%	
50) Toluene-d8	10.40	98	950241	48.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	13.54	95	289343	38.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.06%	

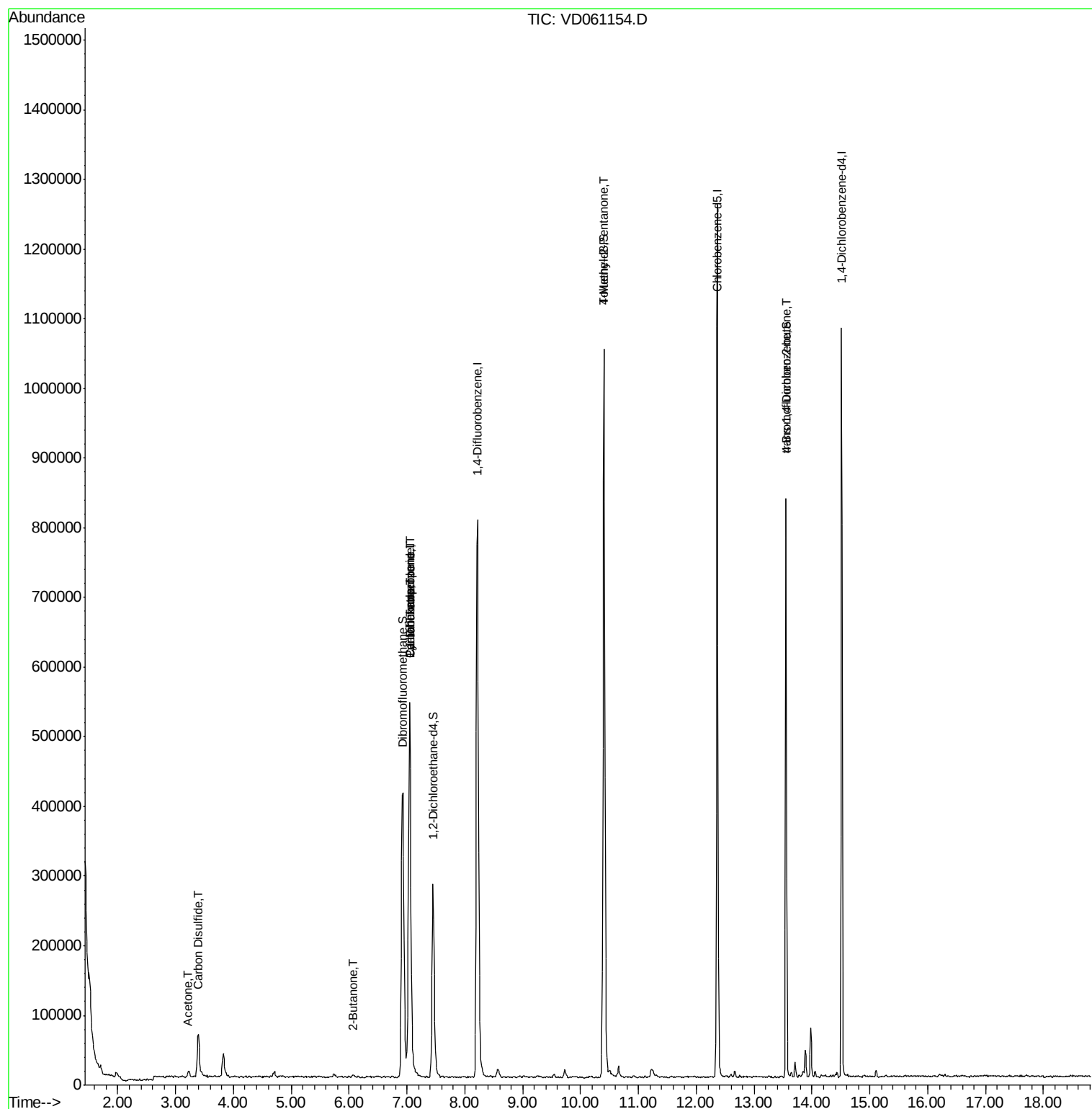
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.18	94	218	Below Cal	#	8
16) Acetone	3.23	43	17116	12.095	ug/l	99
17) Carbon Disulfide	3.40	76	133933	6.653	ug/l	98
20) Methylene Chloride	3.83	84	27543	Below Cal	#	82
25) 2-Butanone	6.07	43	3376	2.102	ug/l	# 90
31) Cyclohexane	7.05	56	10858	1.240	ug/l	# 1
36) 1,1-Dichloropropene	7.04	75	43451	4.790	ug/l	# 45
38) Carbon Tetrachloride	7.05	117	56236	5.629	ug/l	# 14
51) 4-Methyl-2-Pentanone	10.40	43	4181	1.158	ug/l	# 1
81) trans-1,4-Dichloro-2-buten	13.54	75	105832	97.090	ug/l	# 17

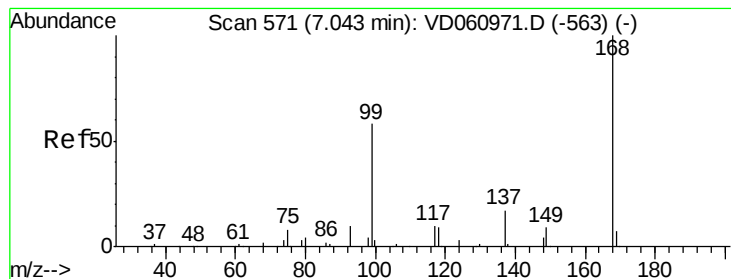
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031819\
Data File : VD061154.D
Acq On : 18 Mar 2019 19:19
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Sample : K1935-11
Misc : 5.66g/5ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 19 02:18:18 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: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061154.D

Acq: 18 Mar 2019 19:19

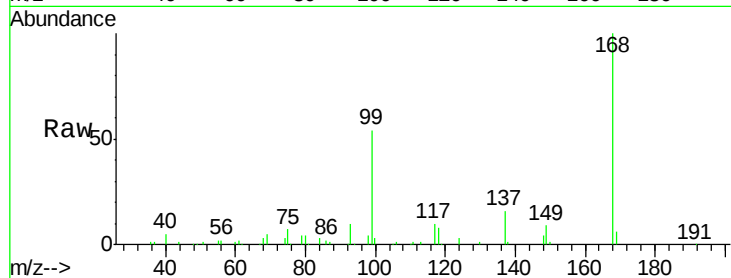
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 594547

Ion Ratio Lower Upper

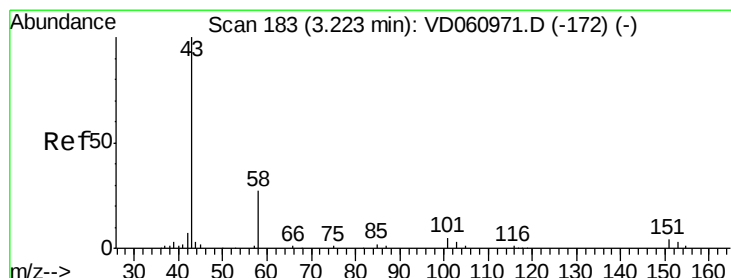
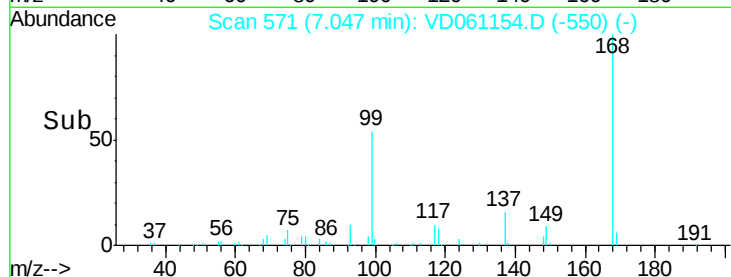
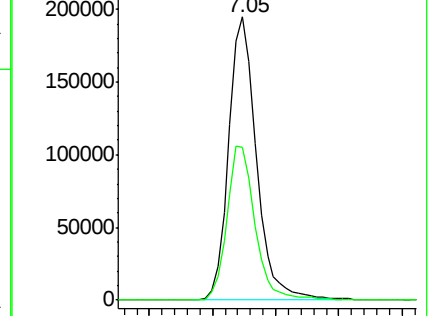
168 100

99 54.1 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: 12.095 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061154.D

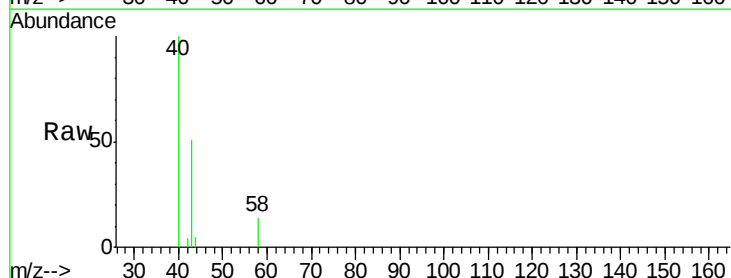
Acq: 18 Mar 2019 19:19

Tgt Ion: 43 Resp: 17116

Ion Ratio Lower Upper

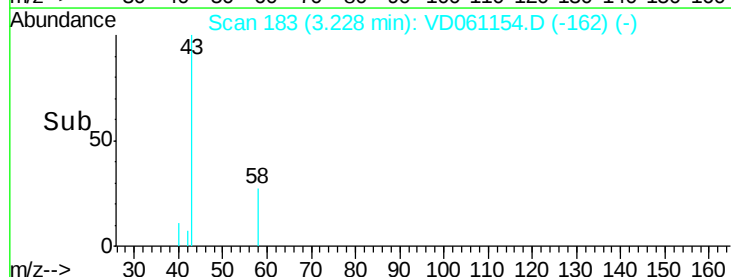
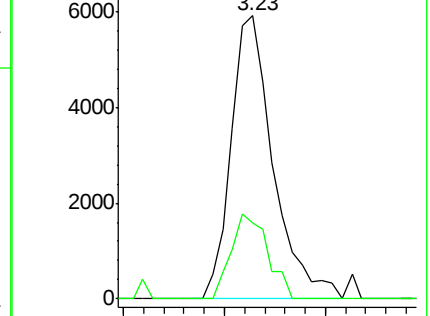
43 100

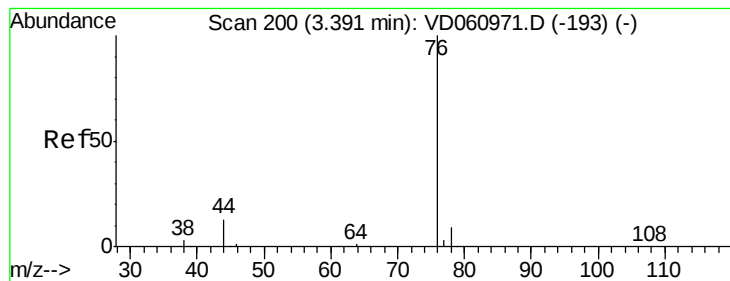
58 26.6 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 6.653 ug/l

RT: 3.40 min Scan# 200

Delta R.T. 0.00 min

Lab File: VD061154.D

Acq: 18 Mar 2019 19:19

Instrument :

MSVOA_D

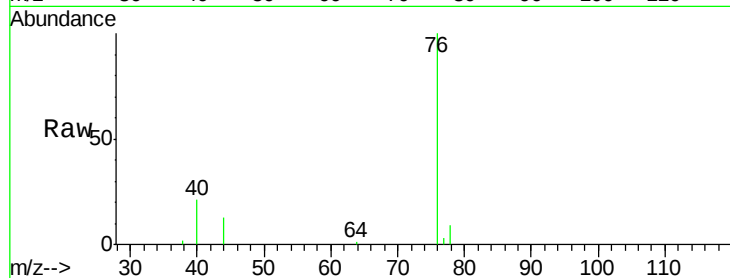
ClientSampled :

Tot Ion: 76 Resp: 133933

Ion Ratio Lower Upper

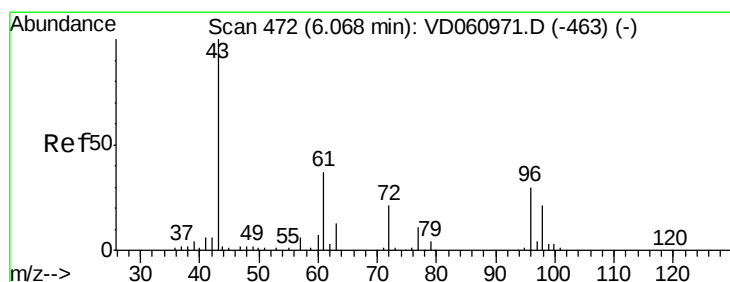
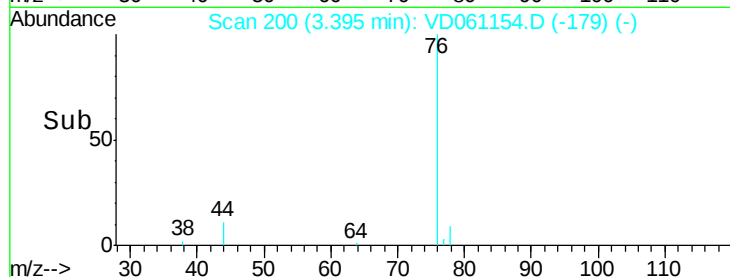
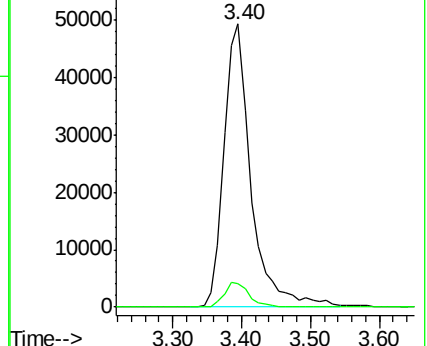
76 100

78 8.5 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#25

2-Butanone

Concen: 2.102 ug/l

RT: 6.07 min Scan# 472

Delta R.T. 0.00 min

Lab File: VD061154.D

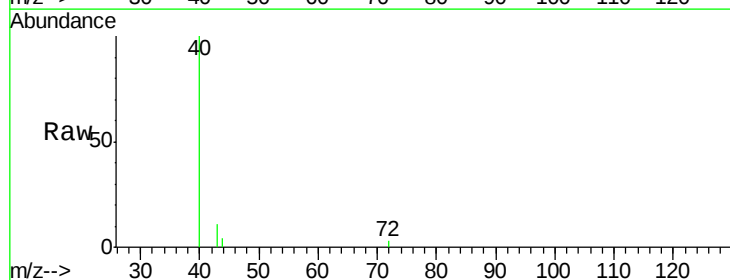
Acq: 18 Mar 2019 19:19

Tgt Ion: 43 Resp: 3376

Ion Ratio Lower Upper

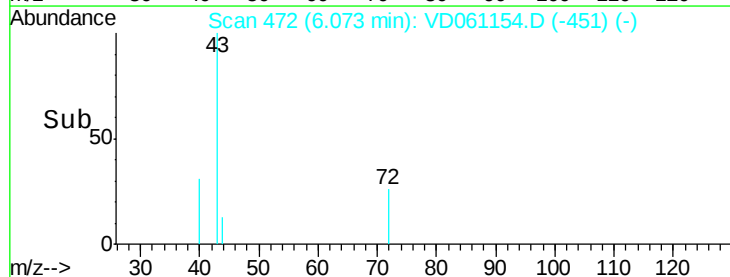
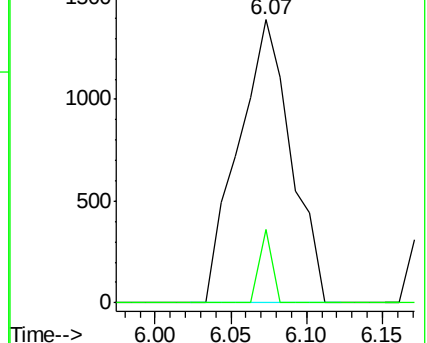
43 100

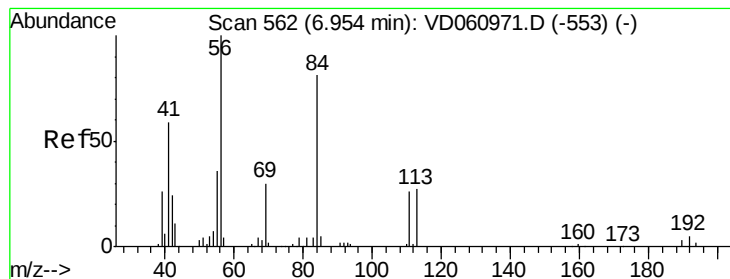
72 25.7 16.7 25.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 1.240 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.09 min

Lab File: VD061154.D

Acq: 18 Mar 2019 19:19

Instrument :
MSVOA_D
ClientSampleId :

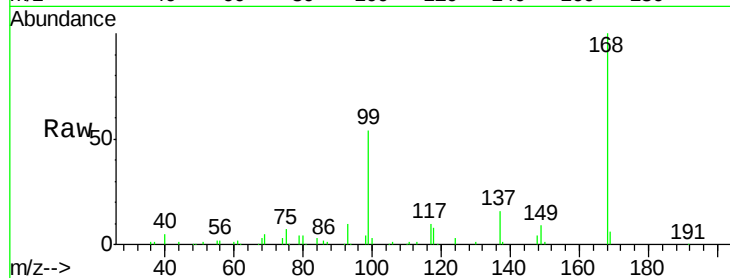
Tot Ion: 56 Resp: 10858

Ion Ratio Lower Upper

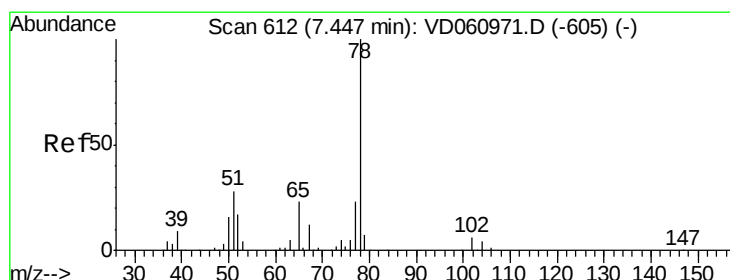
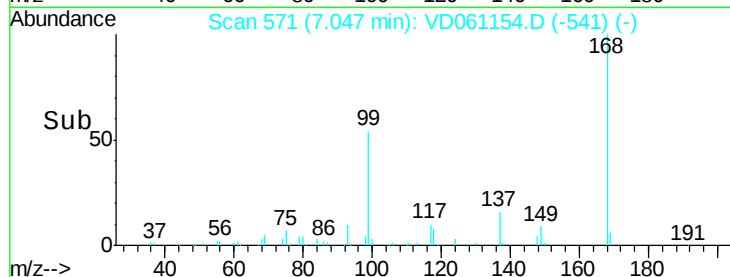
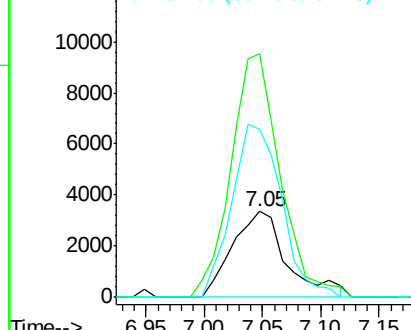
56 100

69 283.2 24.0 36.0#

84 195.1 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: VD061154.D

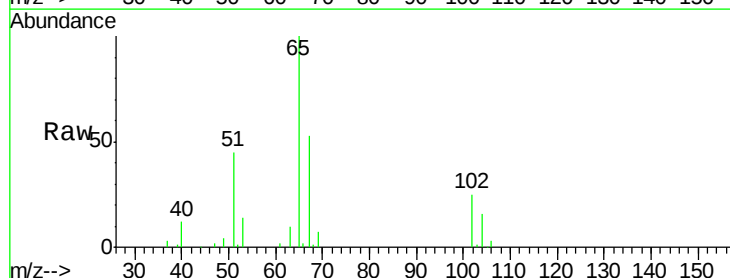
Acq: 18 Mar 2019 19:19

Tgt Ion: 65 Resp: 268427

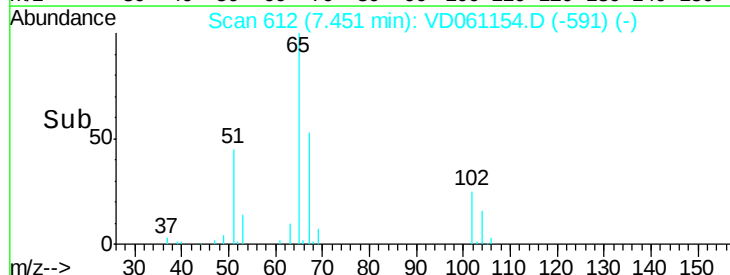
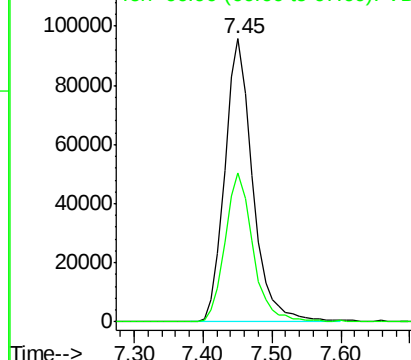
Ion Ratio Lower Upper

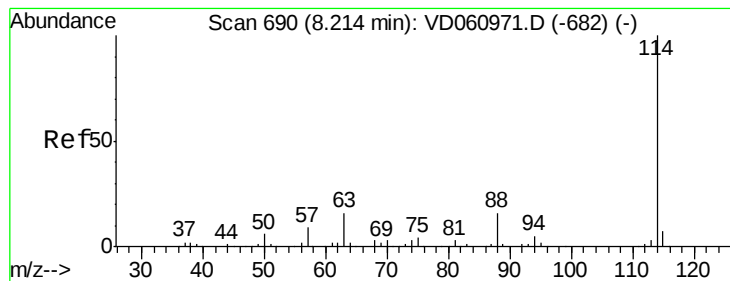
65 100

67 52.7 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: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD061154.D

Acq: 18 Mar 2019 19:19

Instrument :

MSVOA_D

ClientSampleId :

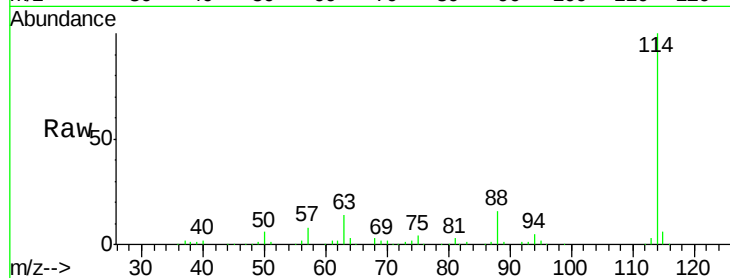
Tot Ion:114 Resp: 1052260

Ion Ratio Lower Upper

114 100

63 14.2 0.0 31.4

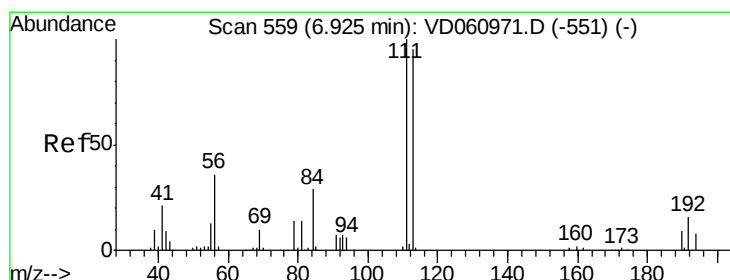
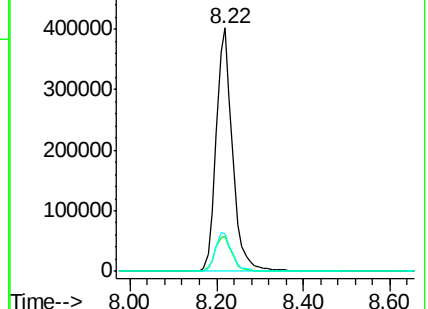
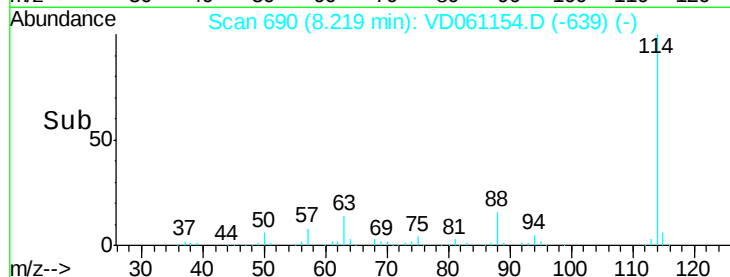
88 15.5 0.0 33.0



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: VD061154.D

Acq: 18 Mar 2019 19:19

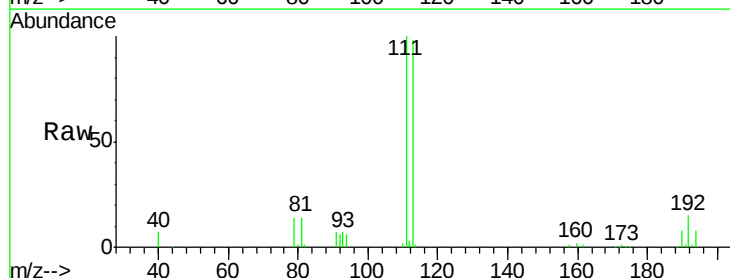
Tgt Ion:113 Resp: 425321

Ion Ratio Lower Upper

113 100

111 102.1 84.2 126.4

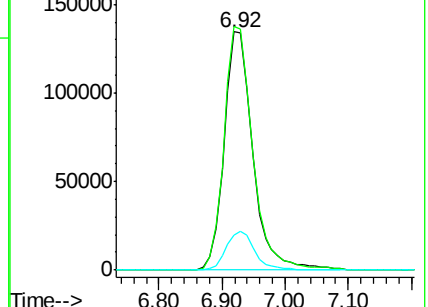
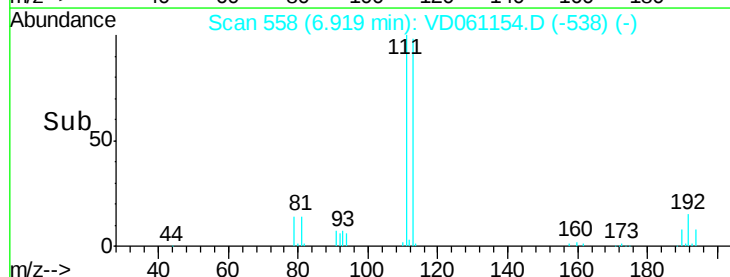
192 14.9 13.1 19.7

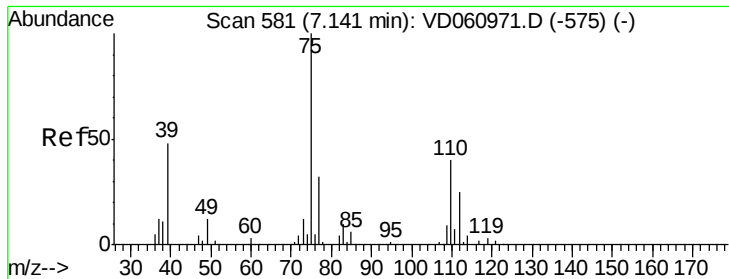


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

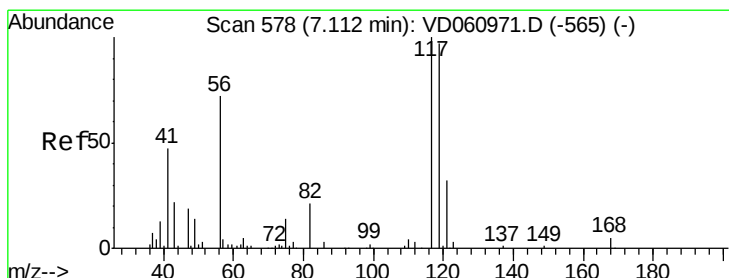
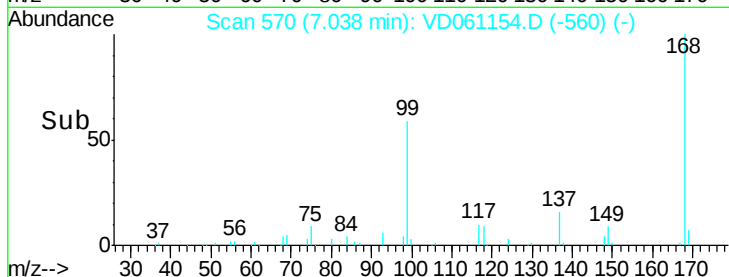
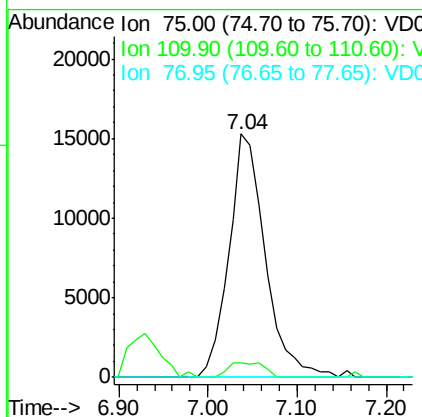
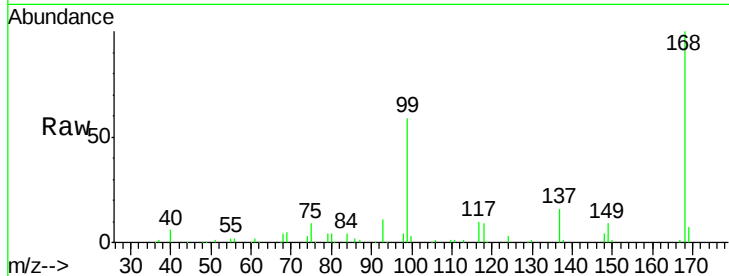




#36
 1,1-Dichloropropene
 Concen: 4.790 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.10 min
 Lab File: VD061154.D
 Acq: 18 Mar 2019 19:19

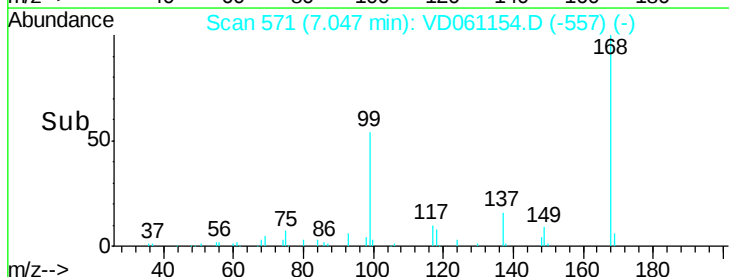
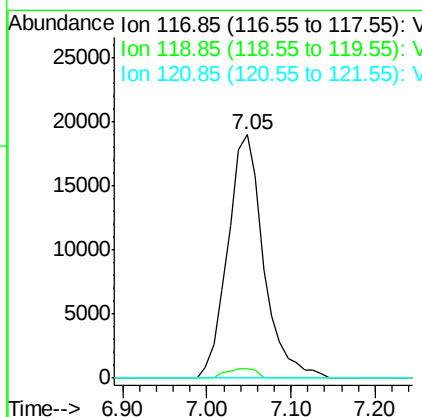
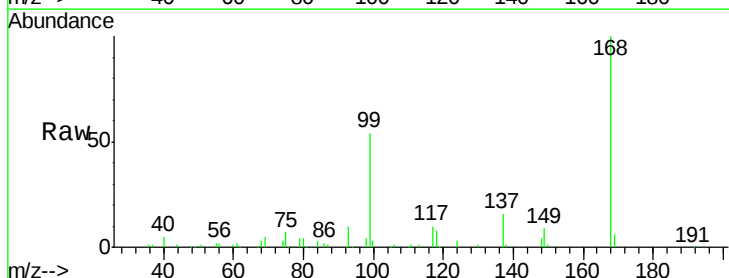
Instrument :
 MSVOA_D
 ClientSampleId :

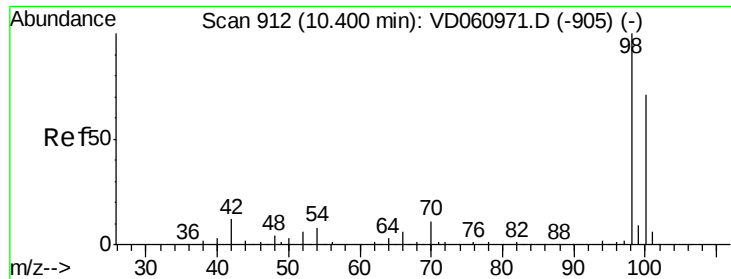
Tot Ion: 75 Resp: 43451
 Ion Ratio Lower Upper
 75 100
 110 5.9 19.7 59.1#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.629 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.06 min
 Lab File: VD061154.D
 Acq: 18 Mar 2019 19:19

Tgt Ion: 117 Resp: 56236
 Ion Ratio Lower Upper
 117 100
 119 3.8 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: VD061154.D

Acq: 18 Mar 2019 19:19

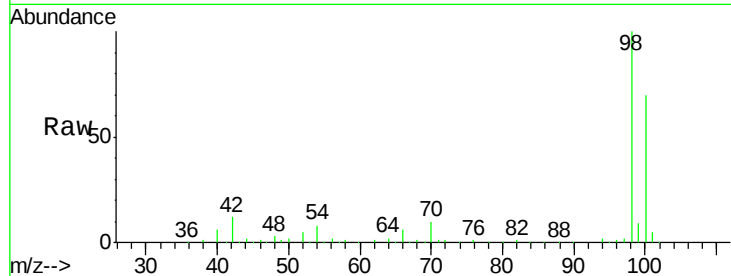
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 98 Resp: 950241

Ion Ratio Lower Upper

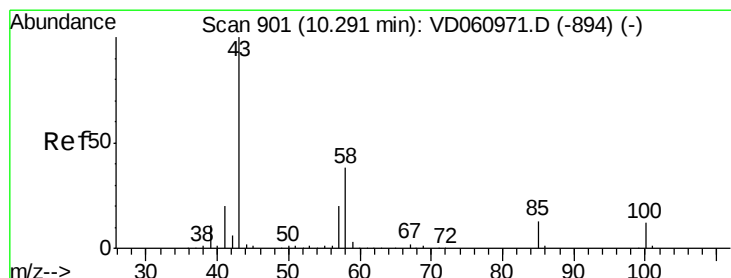
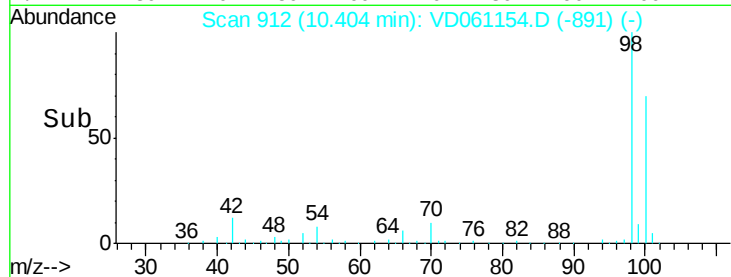
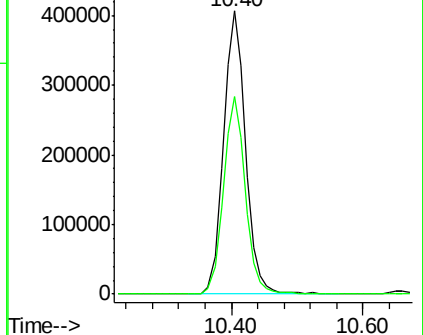
98 100

100 69.9 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD061154.D (-891) (-)

Ion 100.05 (99.75 to 100.75): VD061154.D (-891) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.158 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.11 min

Lab File: VD061154.D

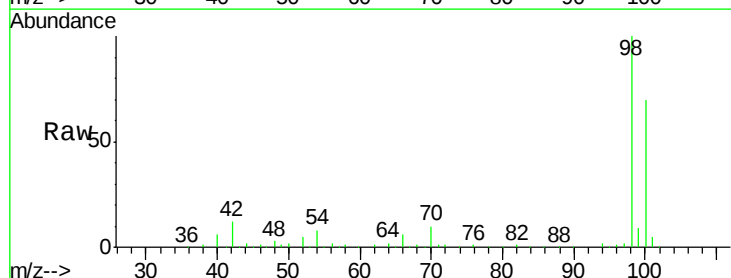
Acq: 18 Mar 2019 19:19

Tgt Ion: 43 Resp: 4181

Ion Ratio Lower Upper

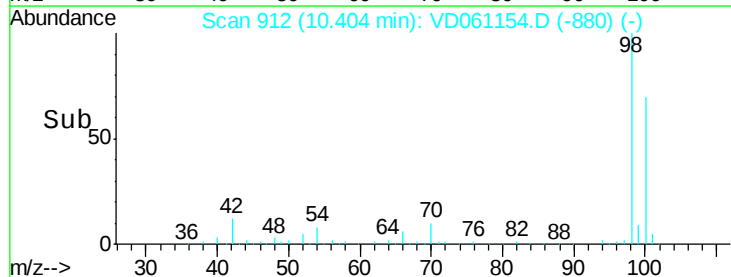
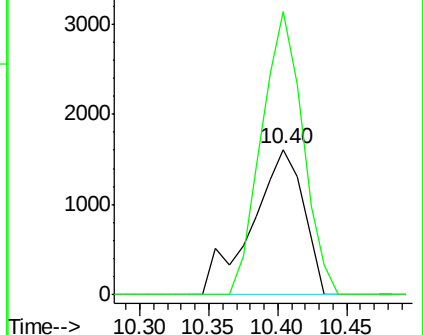
43 100

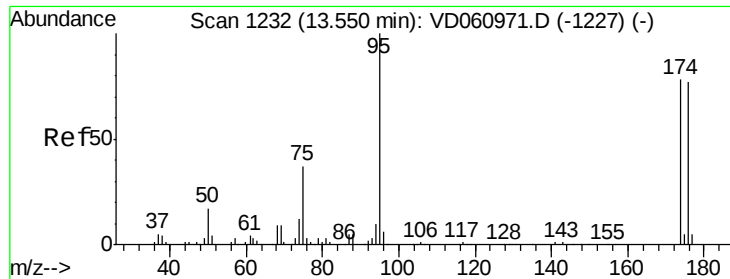
58 195.0 30.2 45.2#



Abundance Ion 42.95 (42.65 to 43.65): VD061154.D (-880) (-)

Ion 57.95 (57.65 to 58.65): VD061154.D (-880) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061154.D

Acq: 18 Mar 2019 19:19

Instrument :

MSVOA_D

ClientSampleId :

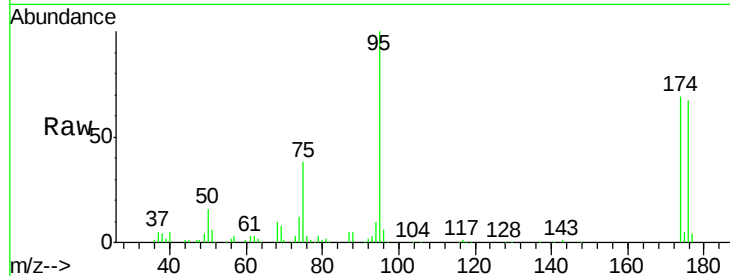
Tot Ion: 95 Resp: 289343

Ion Ratio Lower Upper

95 100

174 68.7 0.0 155.6

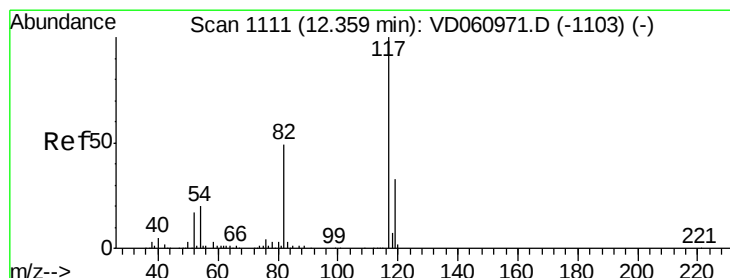
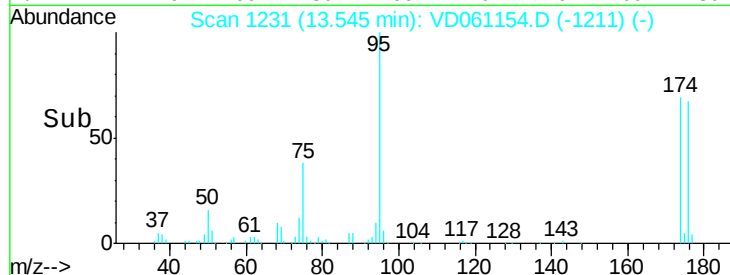
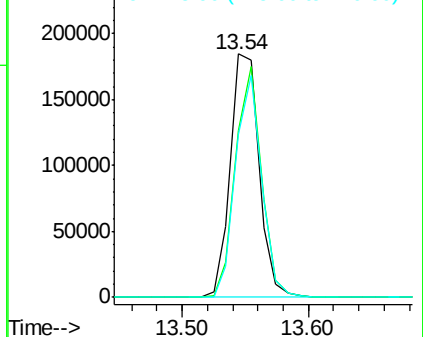
176 66.7 0.0 153.8



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: VD061154.D

Acq: 18 Mar 2019 19:19

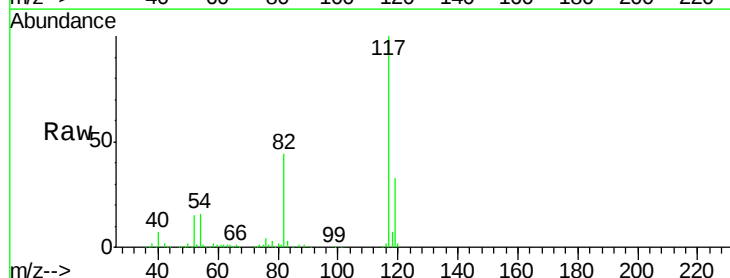
Tgt Ion: 117 Resp: 814001

Ion Ratio Lower Upper

117 100

82 44.3 38.9 58.3

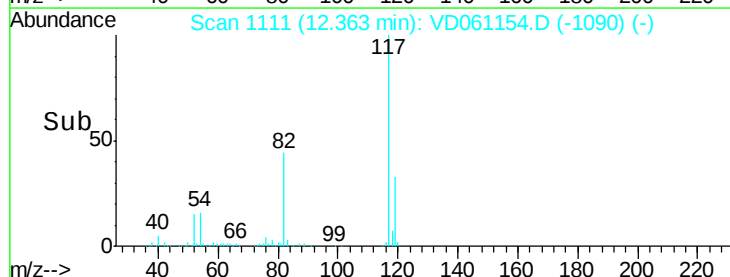
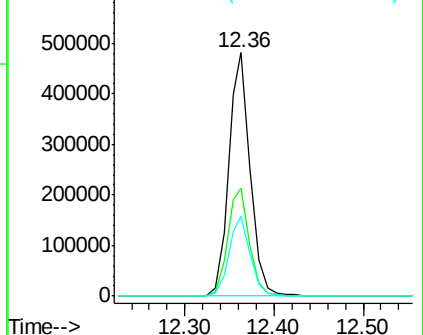
119 32.8 26.6 39.8

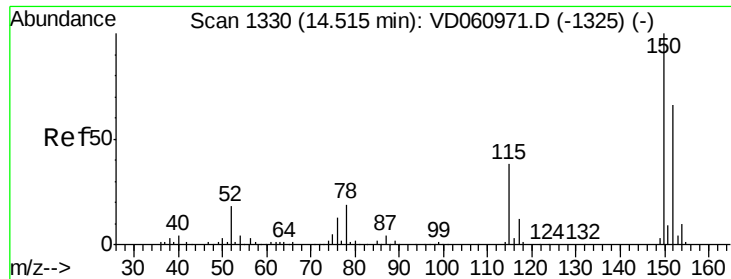


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



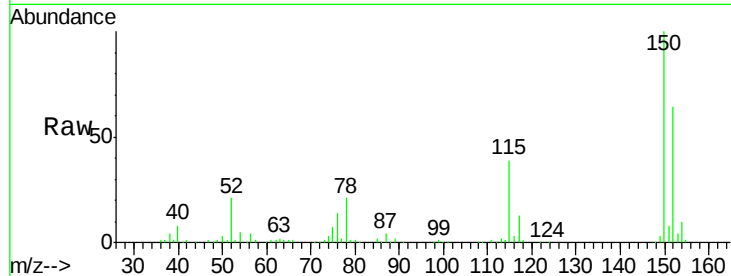


#72

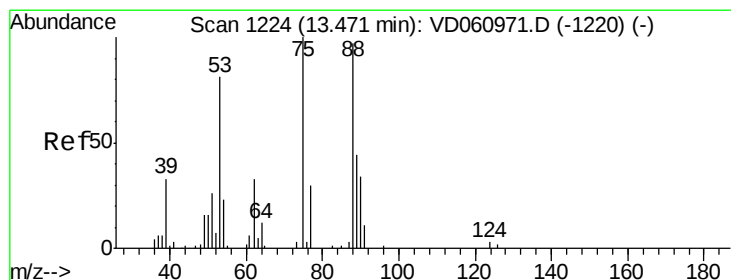
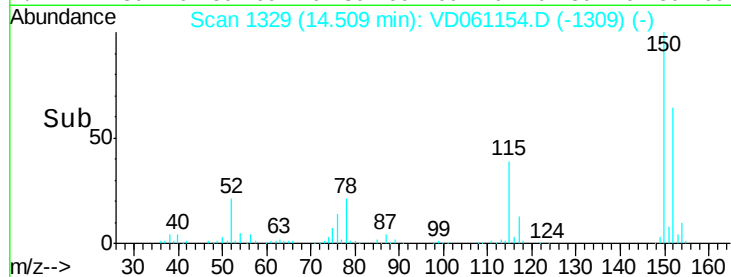
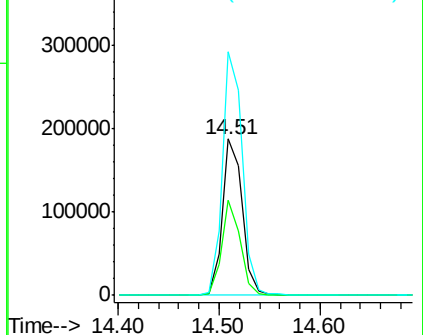
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061154.D
Acq: 18 Mar 2019 19:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 256993
Ion Ratio Lower Upper
152 100
115 61.2 28.6 85.9
150 155.8 0.0 310.6



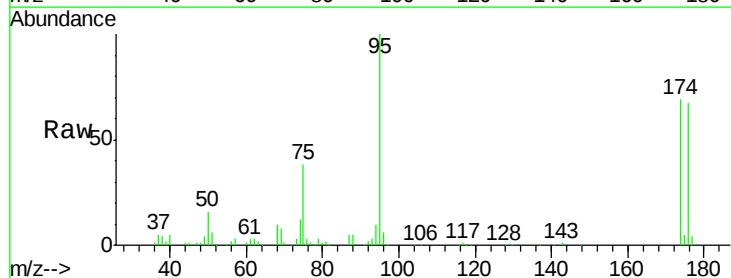
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 97.090 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.07 min
Lab File: VD061154.D
Acq: 18 Mar 2019 19:19

Tgt Ion: 75 Resp: 105832
Ion Ratio Lower Upper
75 100
53 0.0 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

