

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
 Data File : VD060992.D
 Acq On : 8 Mar 2019 19:11
 Operator : VA/AP
 Sample : K1807-13RE
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7RE

Quant Time: Mar 08 22:07:42 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	738244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1409417	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1225949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	537124	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	414599	67.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	134.94%	
35) Dibromofluoromethane	6.93	113	597484	57.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	114.24%	
50) Toluene-d8	10.41	98	1440642	54.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.70%	
62) 4-Bromofluorobenzene	13.56	95	558659	54.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.62%	

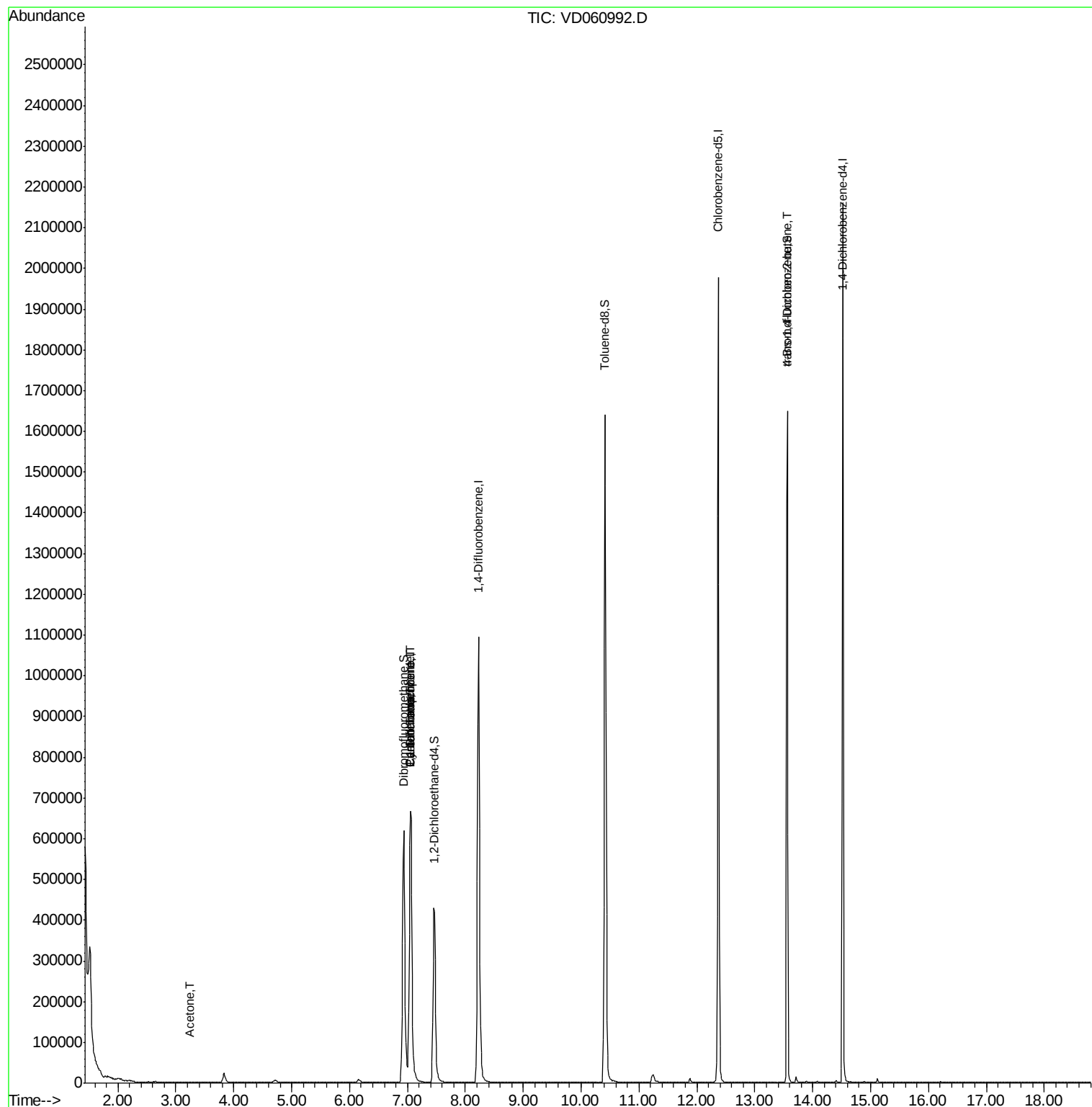
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.19	94	188	Below Cal	#	8
16) Acetone	3.23	43	2076	1.181	ug/l #	48
20) Methylene Chloride	3.83	84	18211	Below Cal		93
31) Cyclohexane	7.04	56	12925	1.189	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	54845	4.514	ug/l #	48
38) Carbon Tetrachloride	7.05	117	71810	5.366	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	204327	89.687	ug/l #	17

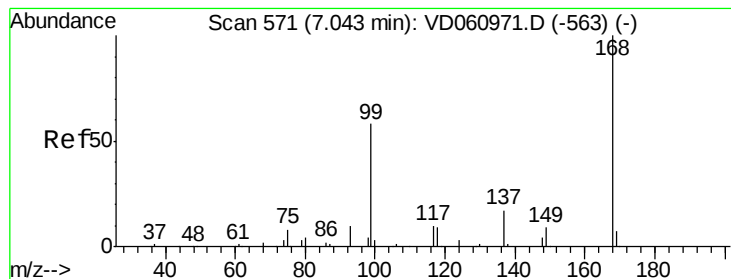
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 572

Delta R.T. 0.01 min

Lab File: VD060992.D

Acq: 8 Mar 2019 19:11

Instrument :

MSVOA_D

ClientSampleID :

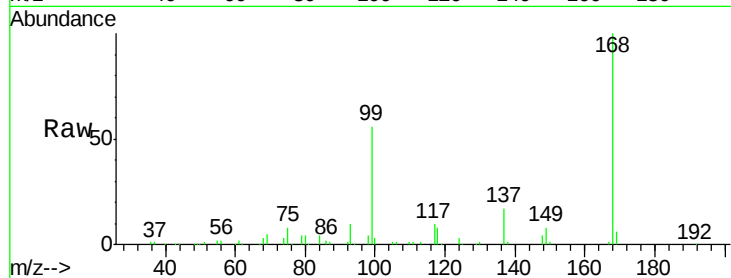
TP-7RE

Tot Ion:168 Resp: 738244

Ion Ratio Lower Upper

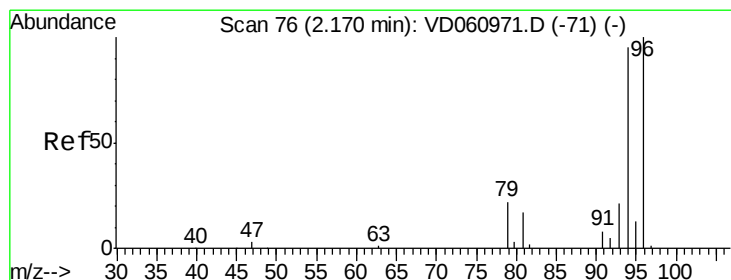
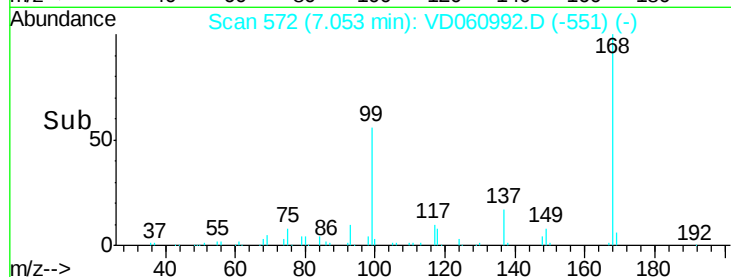
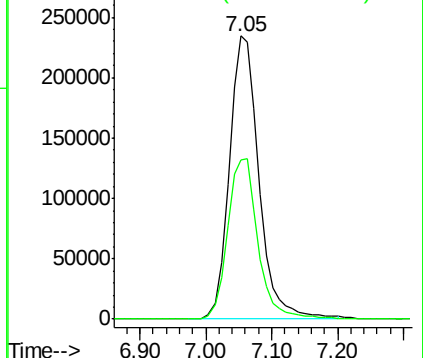
168 100

99 56.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.19 min Scan# 78

Delta R.T. 0.02 min

Lab File: VD060992.D

Acq: 8 Mar 2019 19:11

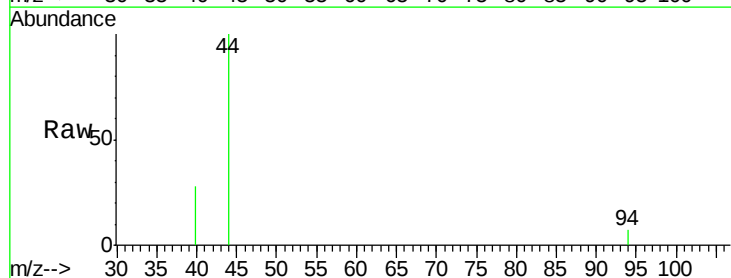
Tgt Ion: 94 Resp: 188

Ion Ratio Lower Upper

94 100

96 0.0 84.0 126.0#

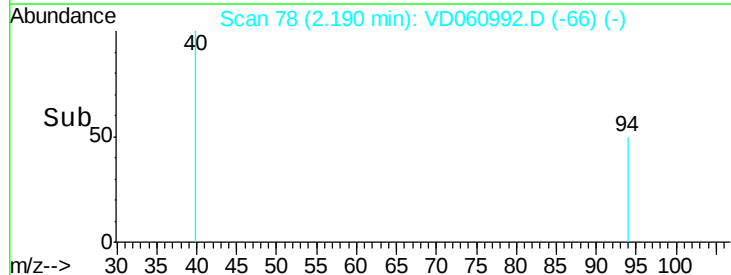
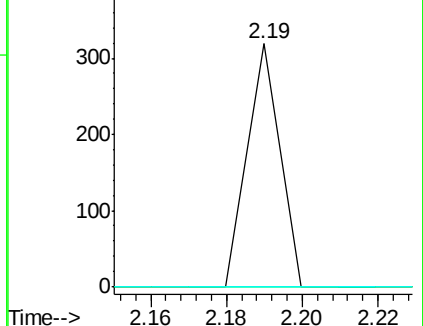
93 0.0 17.3 25.9#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 1.181 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD060992.D

Acq: 8 Mar 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

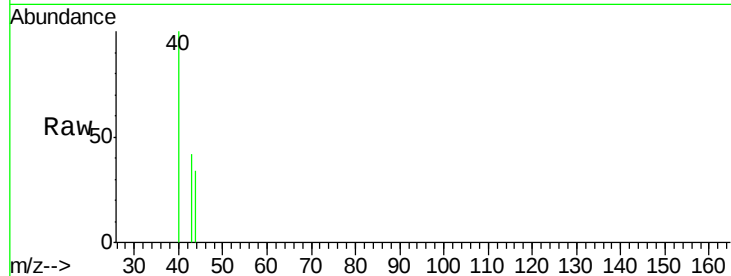
TP-7RE

Tot Ion: 43 Resp: 2076

Ion Ratio Lower Upper

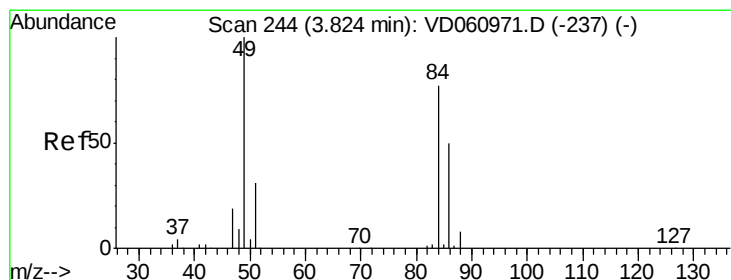
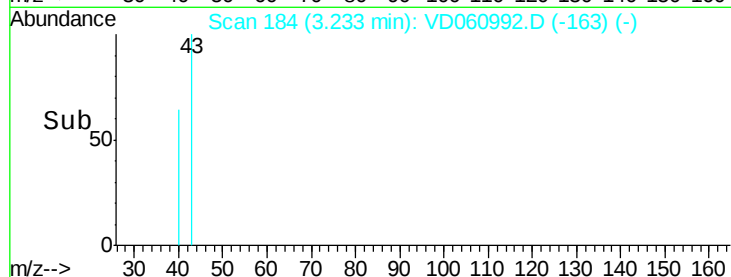
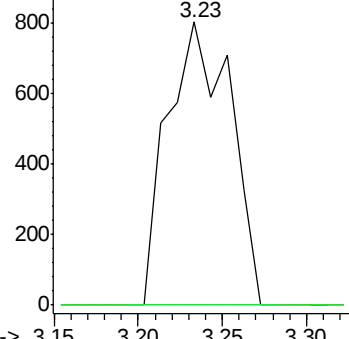
43 100

58 0.0 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 3.83 min Scan# 245

Delta R.T. 0.01 min

Lab File: VD060992.D

Acq: 8 Mar 2019 19:11

Tgt Ion: 84 Resp: 18211

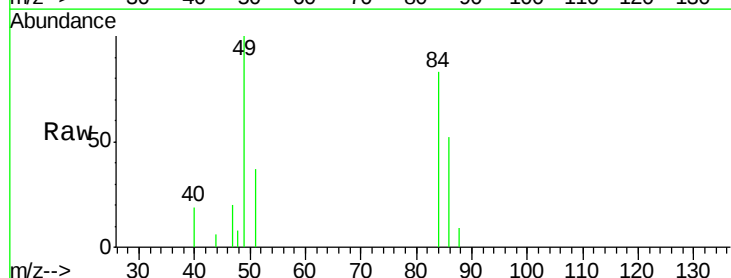
Ion Ratio Lower Upper

84 100

49 120.0 104.2 156.2

51 44.5 32.3 48.5

86 61.9 52.3 78.5

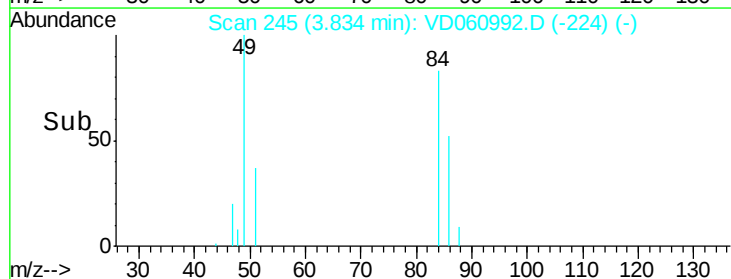
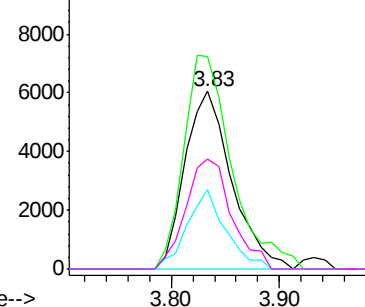


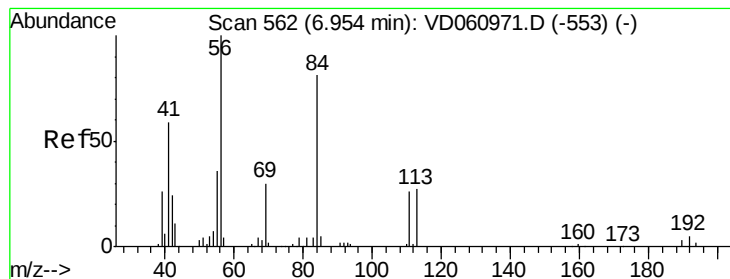
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#31

Cvclohexane

Concen: 1.189 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.09 min

Lab File: VD060992.D

Acq: 8 Mar 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

TP-7RE

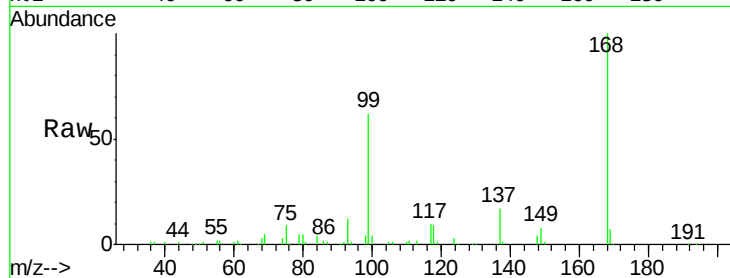
Tot Ion: 56 Resp: 12925

Ion Ratio Lower Upper

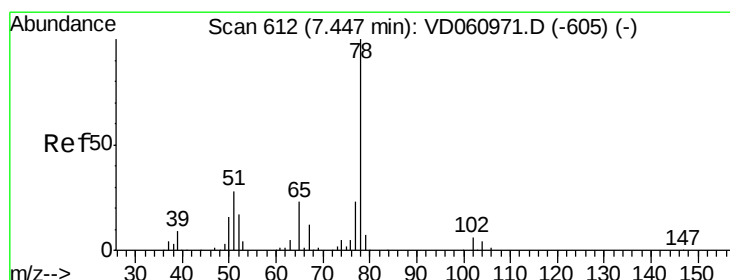
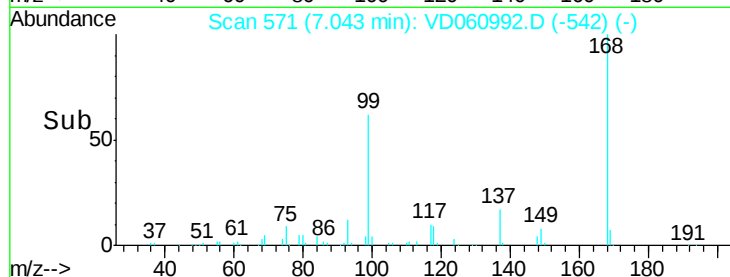
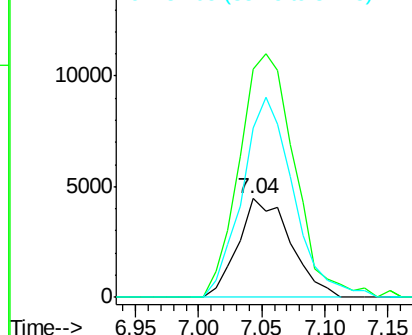
56 100

69 231.7 24.0 36.0#

84 171.9 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: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD060992.D

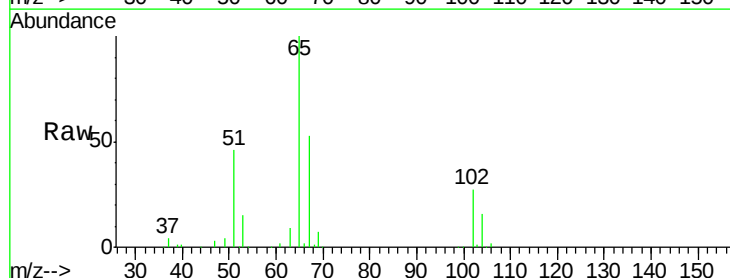
Acq: 8 Mar 2019 19:11

Tgt Ion: 65 Resp: 414599

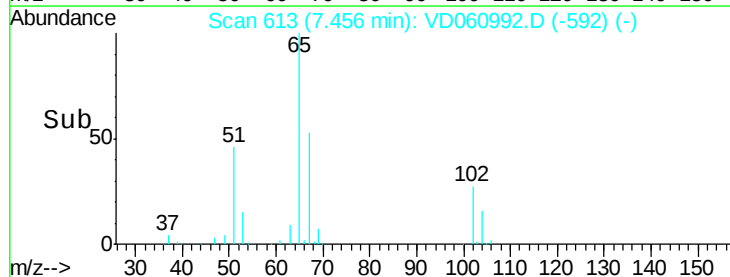
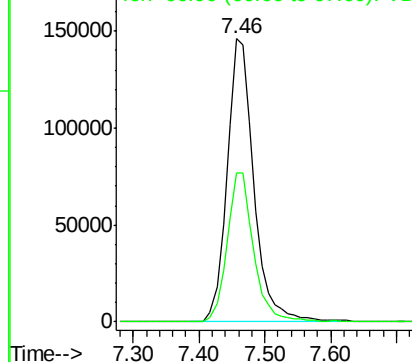
Ion Ratio Lower Upper

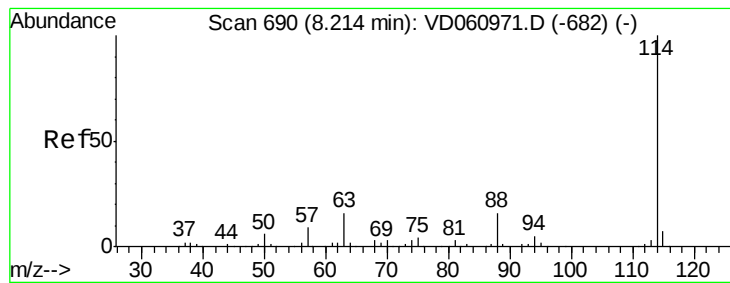
65 100

67 52.9 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: 8.22 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD060992.D

Acq: 8 Mar 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

TP-7RE

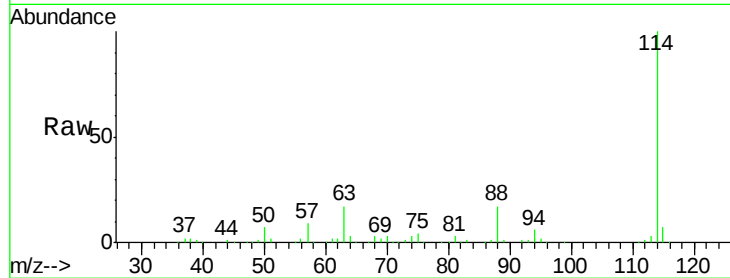
Tot Ion:114 Resp: 1409417

Ion Ratio Lower Upper

114 100

63 17.1 0.0 31.4

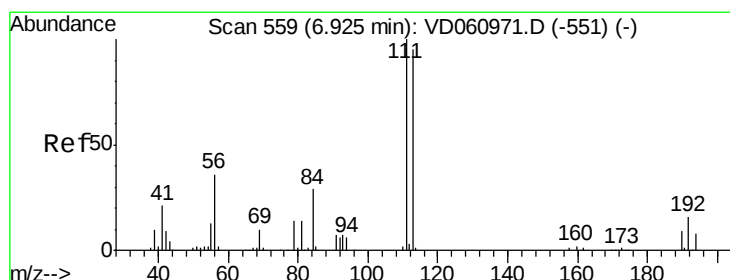
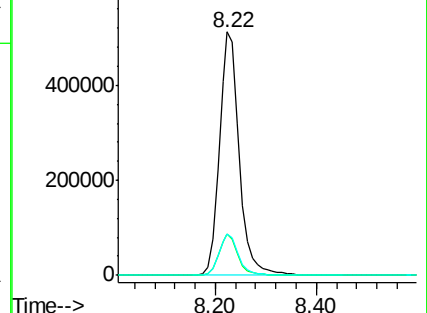
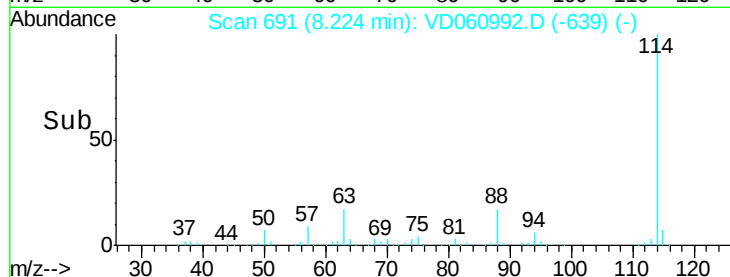
88 17.2 0.0 33.0



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: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD060992.D

Acq: 8 Mar 2019 19:11

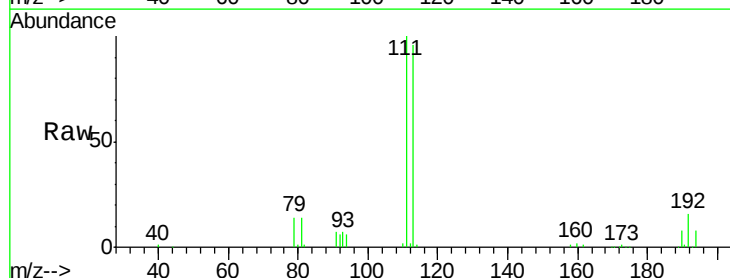
Tgt Ion:113 Resp: 597484

Ion Ratio Lower Upper

113 100

111 103.7 84.2 126.4

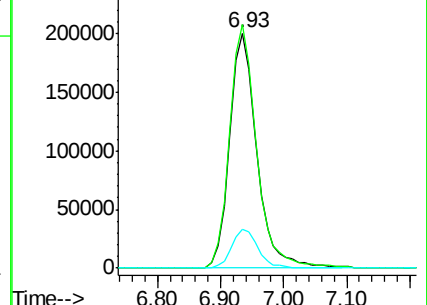
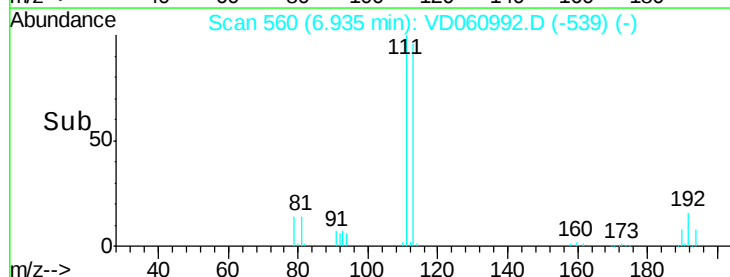
192 16.4 13.1 19.7

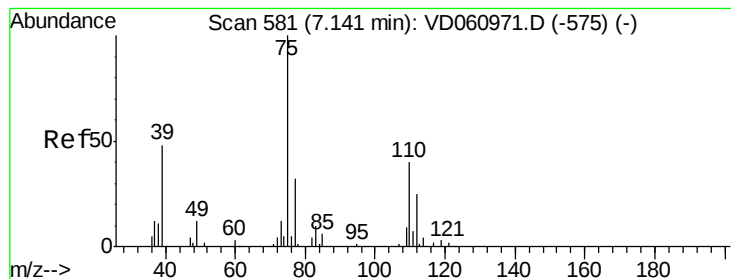


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 4.514 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.09 min

Lab File: VD060992.D

Acq: 8 Mar 2019 19:11

Instrument :

MSVOA_D

ClientSampleID :

TP-7RE

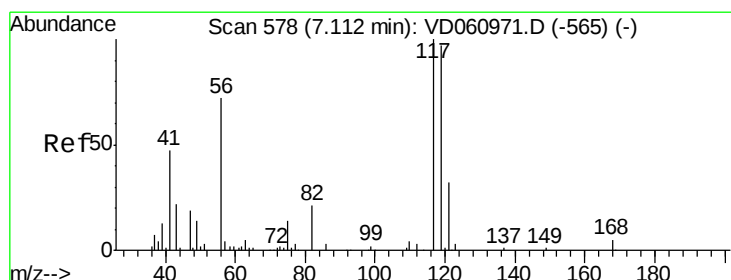
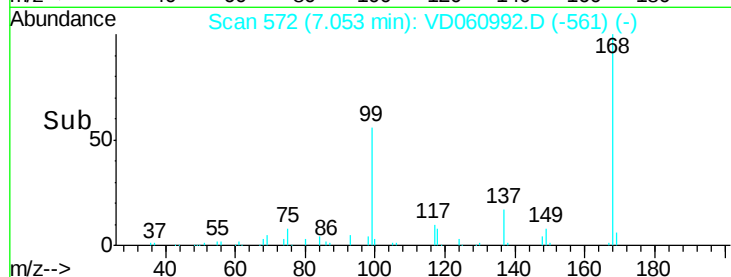
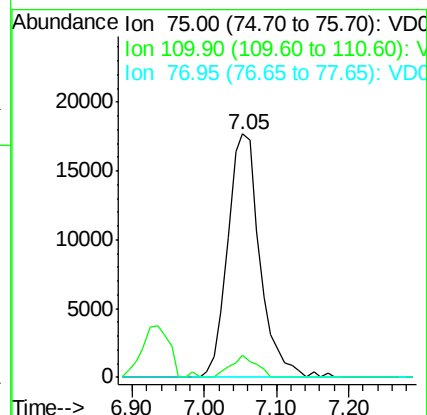
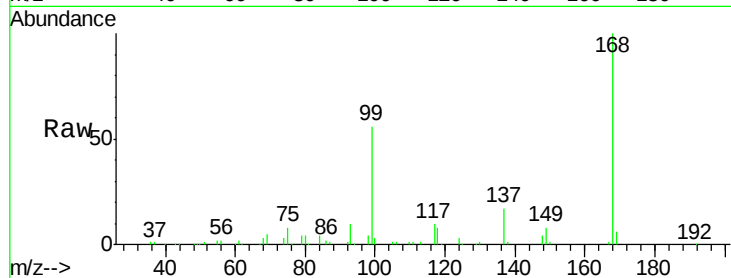
Tot Ion: 75 Resp: 54845

Ion Ratio Lower Upper

75 100

110 9.1 19.7 59.1#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.366 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.06 min

Lab File: VD060992.D

Acq: 8 Mar 2019 19:11

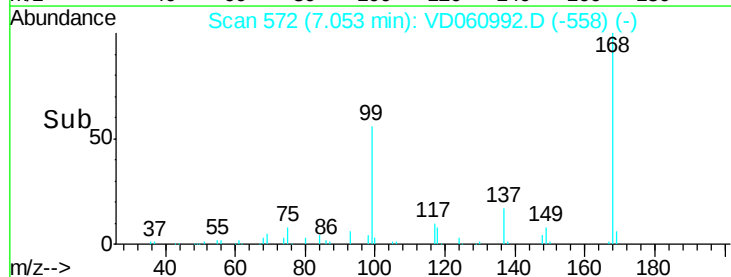
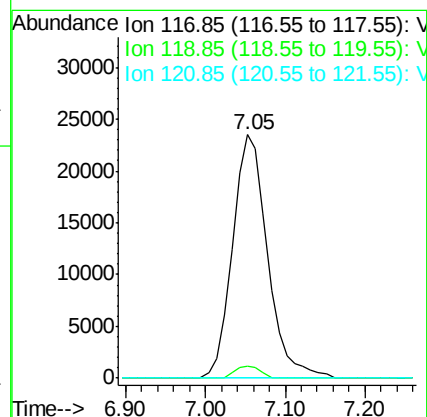
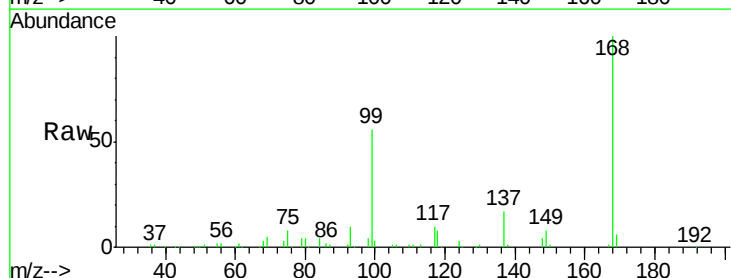
Tgt Ion: 117 Resp: 71810

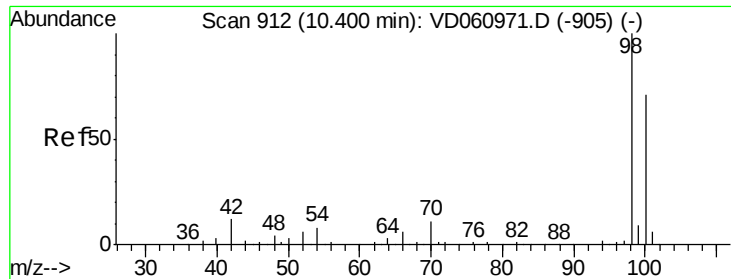
Ion Ratio Lower Upper

117 100

119 5.0 77.8 116.8#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD060992.D

Acq: 8 Mar 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

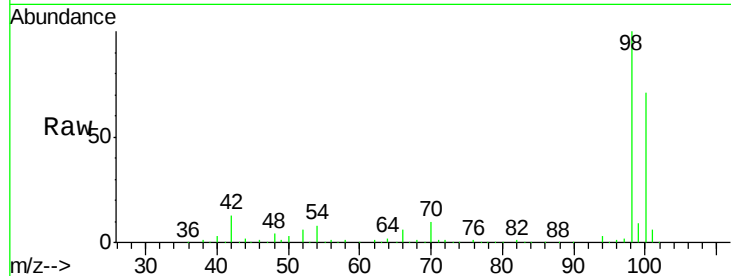
TP-7RE

Tot Ion: 98 Resp: 1440642

Ion Ratio Lower Upper

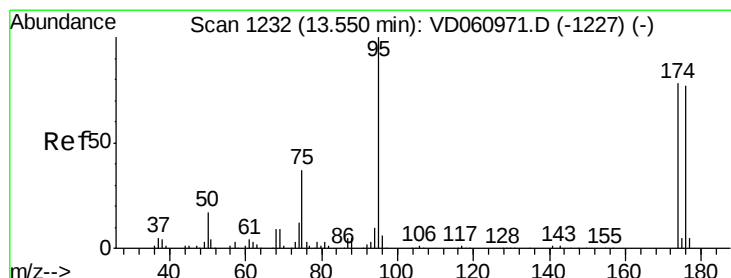
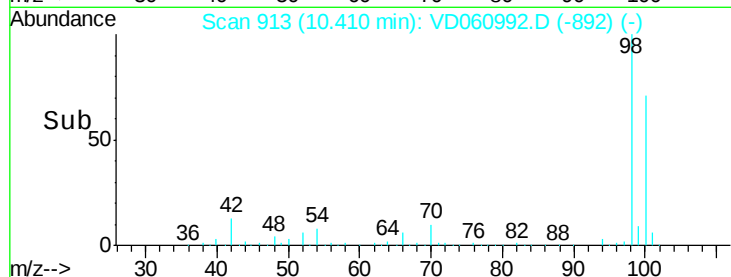
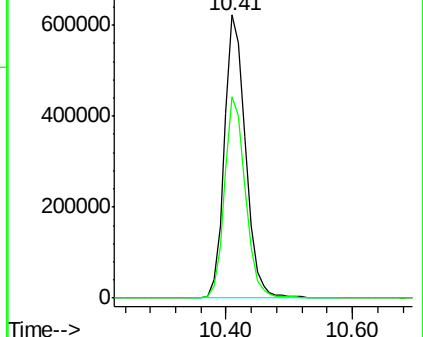
98 100

100 71.2 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD060992.D

Acq: 8 Mar 2019 19:11

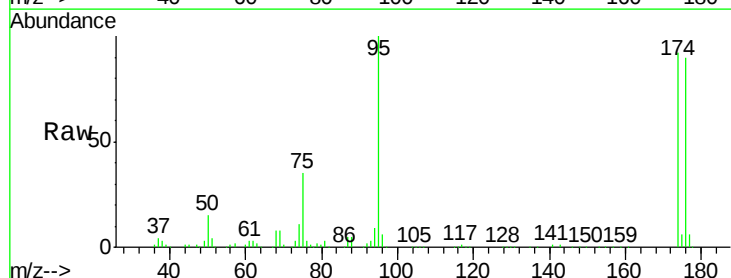
Tgt Ion: 95 Resp: 558659

Ion Ratio Lower Upper

95 100

174 91.6 0.0 155.6

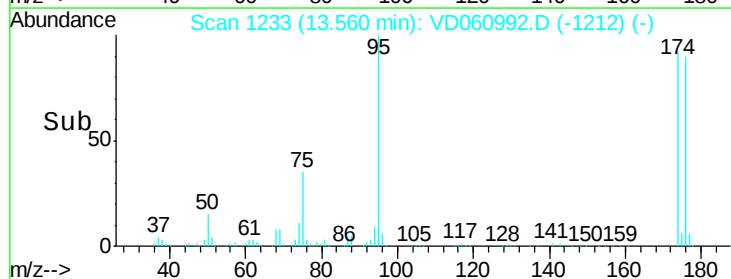
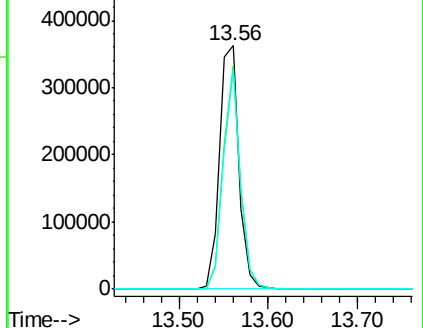
176 89.8 0.0 153.8

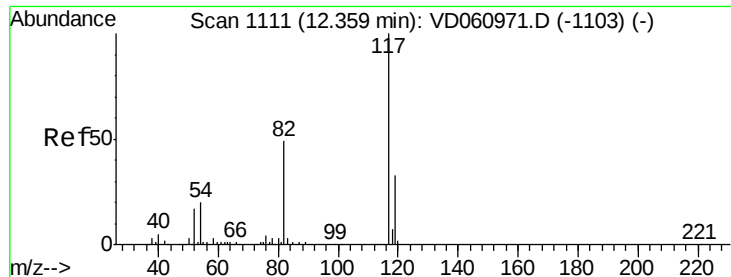


Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

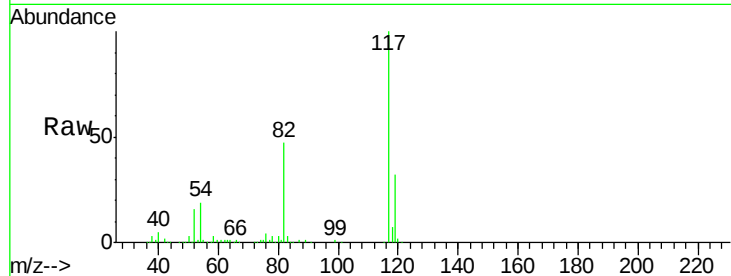




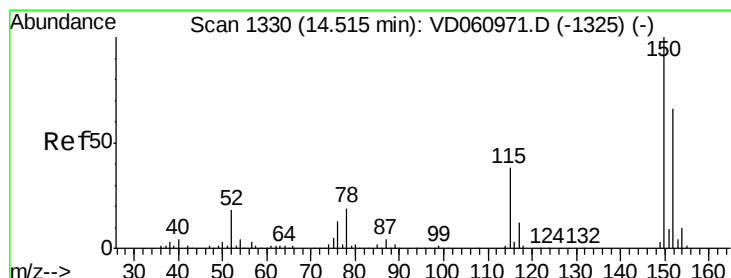
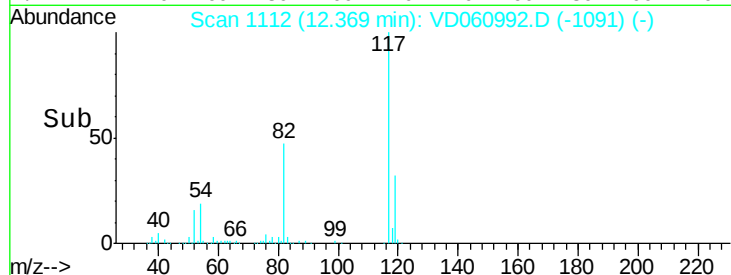
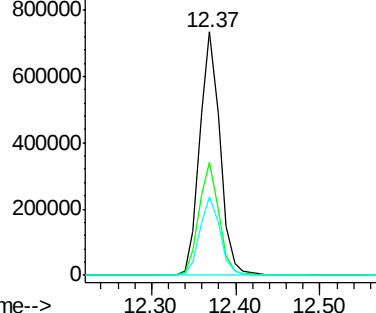
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD060992.D
Acq: 8 Mar 2019 19:11

Instrument :
MSVOA_D
ClientSampleID :
TP-7RE

Tot Ion:117 Resp: 1225949
Ion Ratio Lower Upper
117 100
82 46.5 38.9 58.3
119 32.1 26.6 39.8

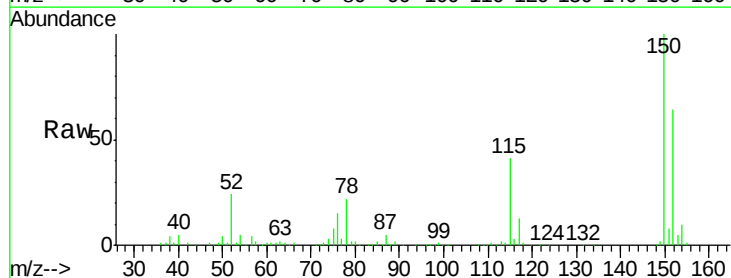


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

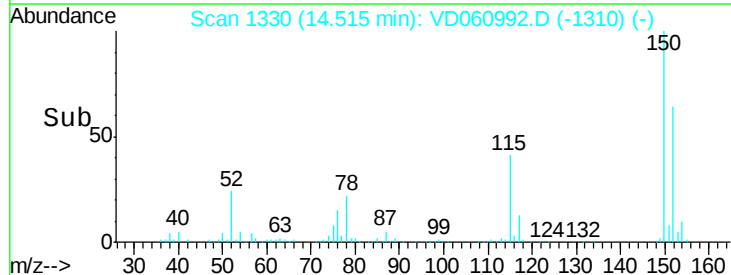
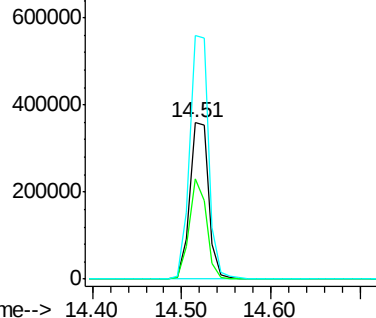


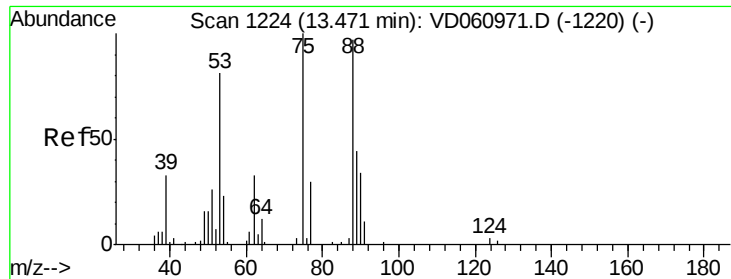
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD060992.D
Acq: 8 Mar 2019 19:11

Tgt Ion:152 Resp: 537124
Ion Ratio Lower Upper
152 100
115 64.3 28.6 85.9
150 155.9 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: 89.687 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD060992.D

Acq: 8 Mar 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

TP-7RE

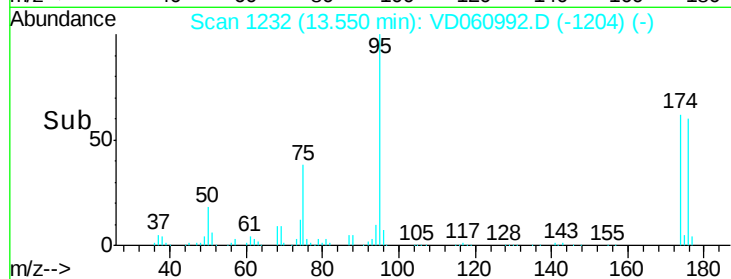
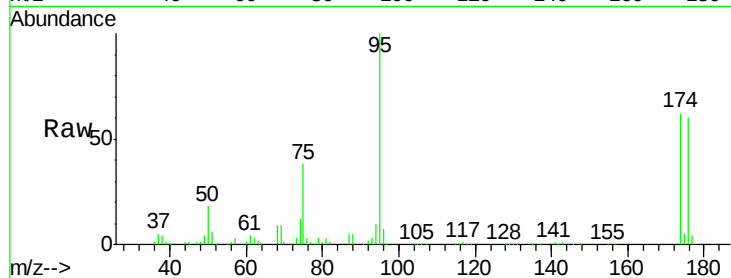
Tot Ion: 75 Resp: 204327

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

