

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061070.D
 Acq On : 14 Mar 2019 17:46
 Operator : VA/AP
 Sample : K1901-06
 Misc : 3.69g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4(7-8)

Quant Time: Mar 15 02:13:24 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	414146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	727918	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	379535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	65194	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	226195	65.62	ug/l	0.00
Spiked Amount			Recovery	=	131.24%	
35) Dibromofluoromethane	6.92	113	345679	63.99	ug/l	0.00
Spiked Amount			Recovery	=	127.98%	
50) Toluene-d8	10.41	98	573629	42.28	ug/l	0.00
Spiked Amount			Recovery	=	84.56%	
62) 4-Bromofluorobenzene	13.56	95	105064	19.96	ug/l	0.00
Spiked Amount			Recovery	=	39.92%	

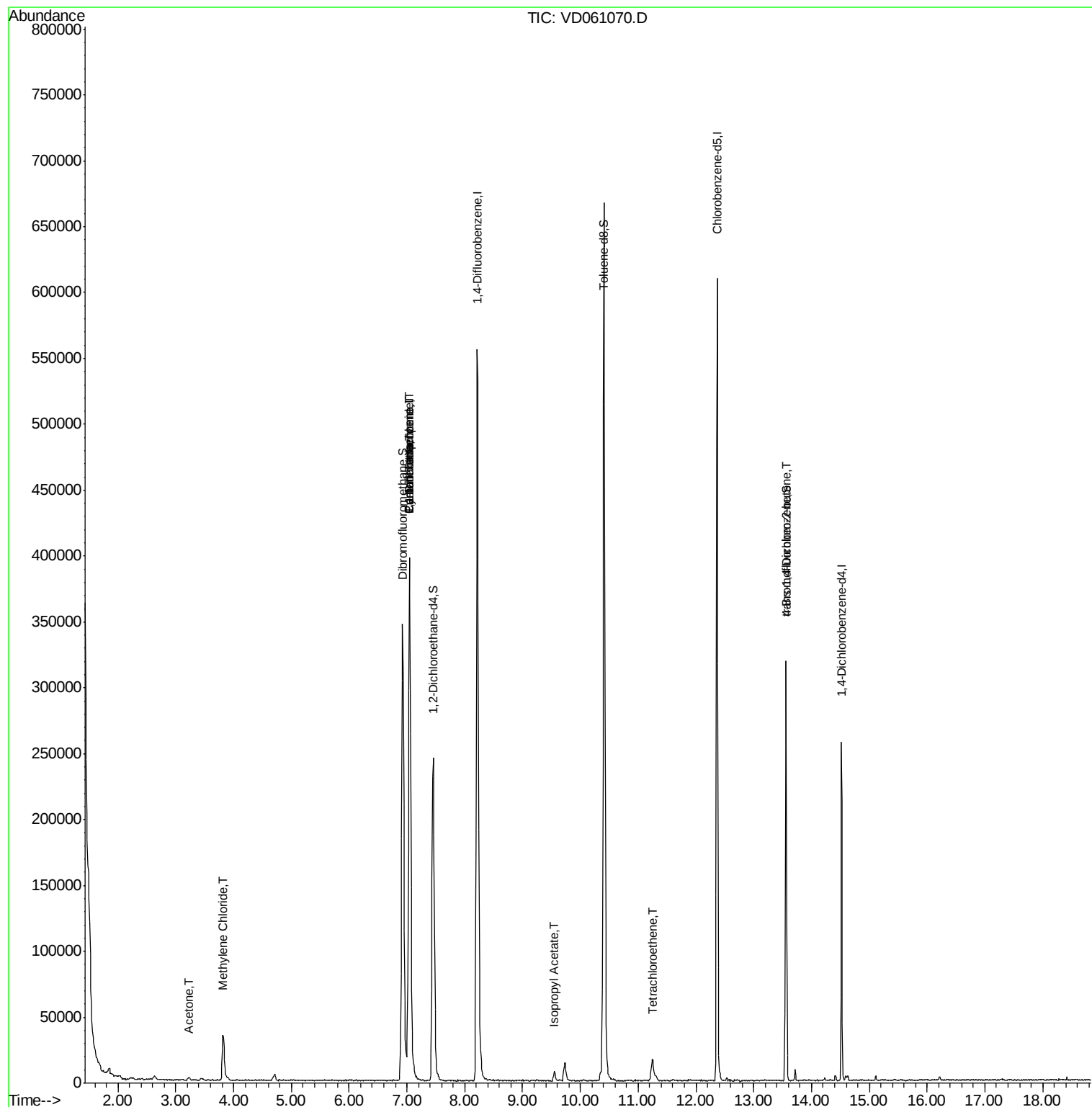
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.18	94	206	Below Cal	#	8
16) Acetone	3.22	43	3958	4.015	ug/l	91
20) Methylene Chloride	3.82	84	26419	1.339	ug/l	93
31) Cyclohexane	7.04	56	6681	1.095	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	29631	4.722	ug/l #	47
38) Carbon Tetrachloride	7.04	117	38147	5.519	ug/l #	15
43) Isopropyl Acetate	9.54	43	5537	1.358	ug/l #	43
64) Tetrachloroethene	11.26	164	3224	1.258	ug/l	86
81) trans-1,4-Dichloro-2-buten	13.56	75	38478	139.150	ug/l #	17

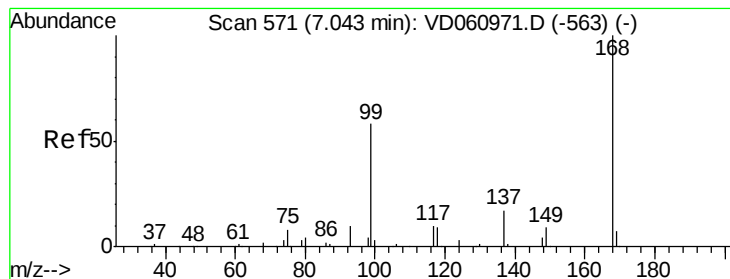
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031419\
Data File : VD061070.D
Acq On : 14 Mar 2019 17:46
Operator : VA/AP
Sample : K1901-06
Misc : 3.69g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-4(7-8)

Quant Time: Mar 15 02:13:24 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: VD061070.D

Acq: 14 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

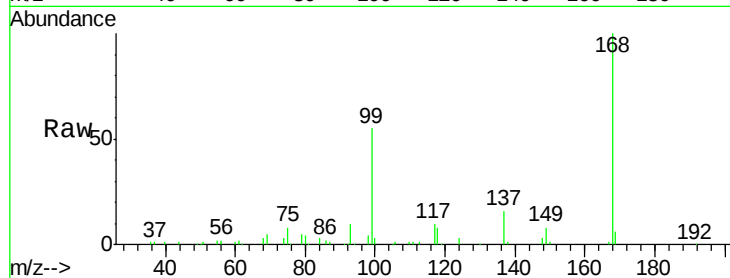
SB-4(7-8)

Tot Ion:168 Resp: 414146

Ion Ratio Lower Upper

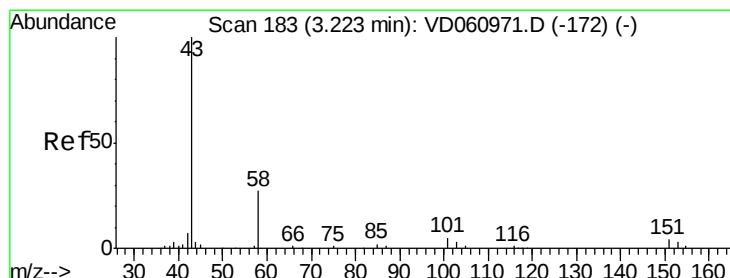
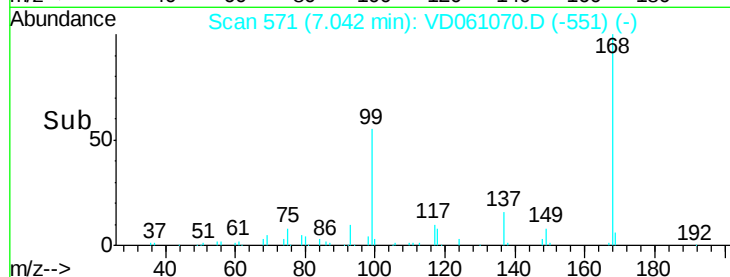
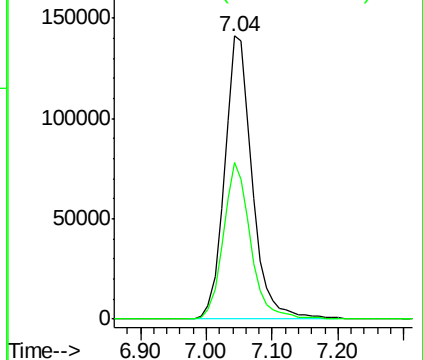
168 100

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: 4.015 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061070.D

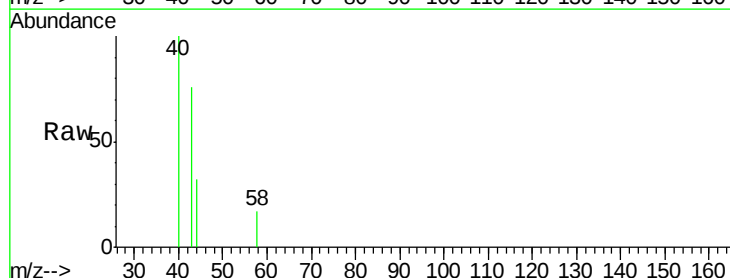
Acq: 14 Mar 2019 17:46

Tgt Ion: 43 Resp: 3958

Ion Ratio Lower Upper

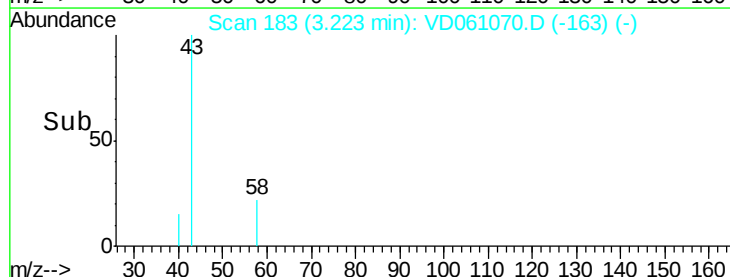
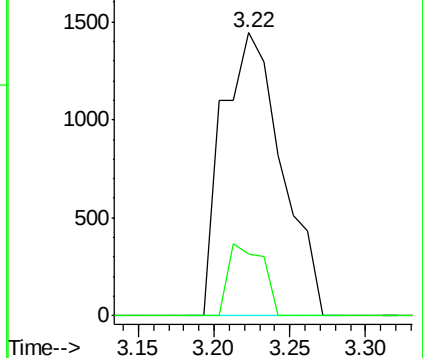
43 100

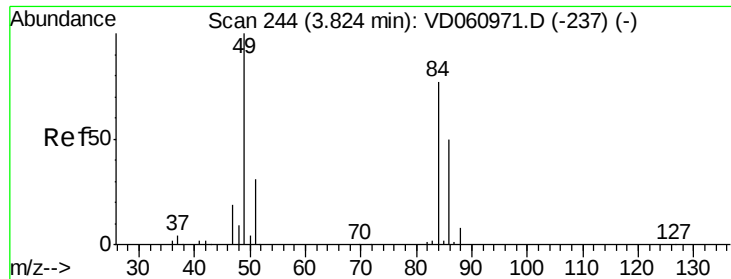
58 22.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

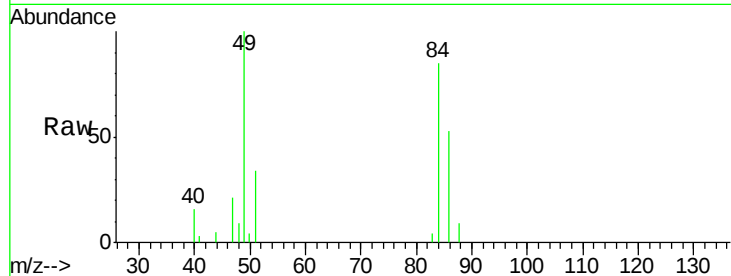




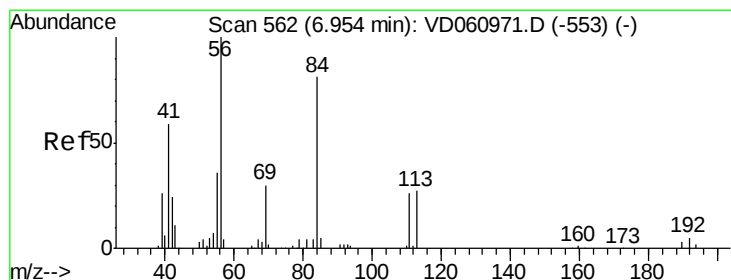
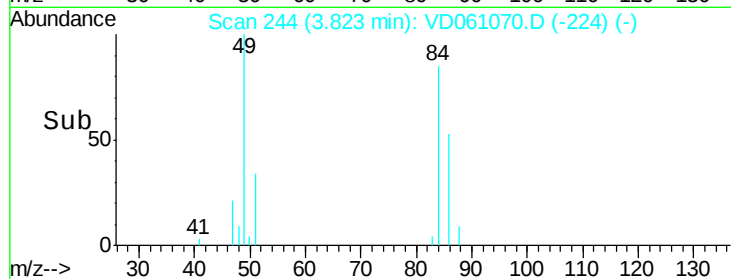
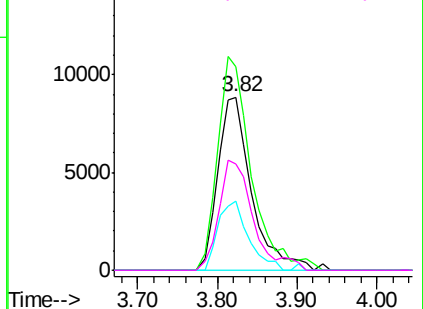
#20
Methvlene Chloride
Concen: 1.339 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD061070.D
Acq: 14 Mar 2019 17:46

Instrument :
MSVOA_D
ClientSampleId :
SB-4(7-8)

Tot Ion: 84 Resp: 26419
Ion Ratio Lower Upper
84 100
49 117.3 104.2 156.2
51 40.3 32.3 48.5
86 61.8 52.3 78.5

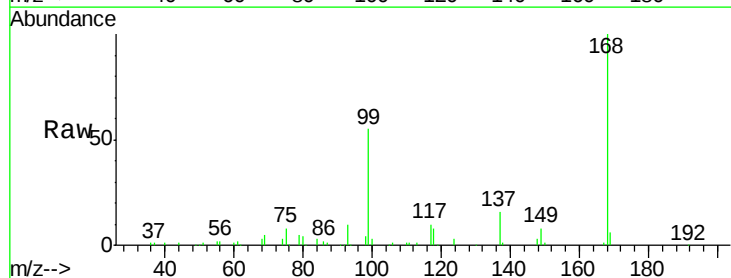


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

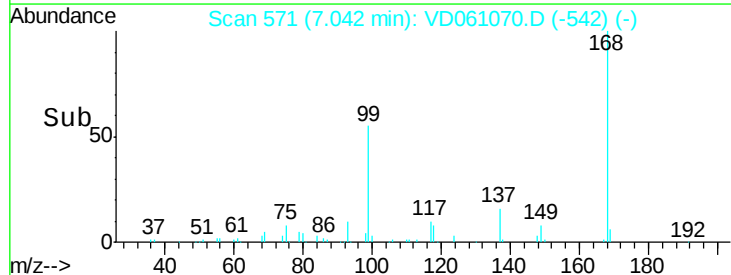
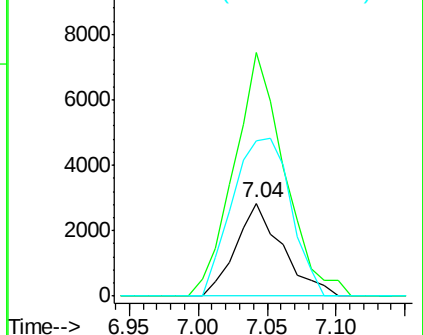


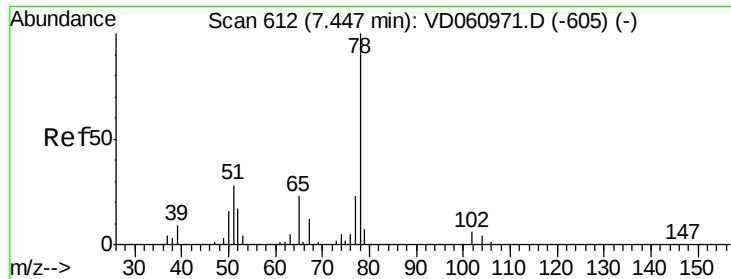
#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD061070.D
Acq: 14 Mar 2019 17:46

Tgt Ion: 56 Resp: 6681
Ion Ratio Lower Upper
56 100
69 261.8 24.0 36.0#
84 166.4 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: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061070.D

Acq: 14 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

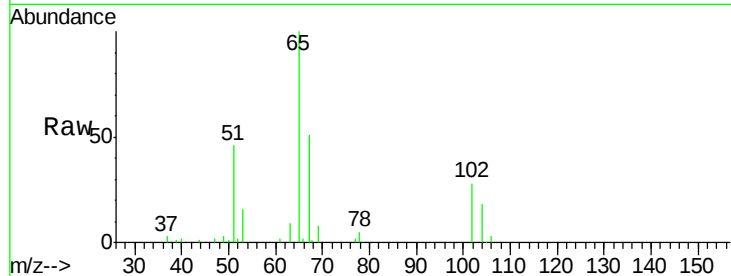
SB-4(7-8)

Tot Ion: 65 Resp: 226195

Ion Ratio Lower Upper

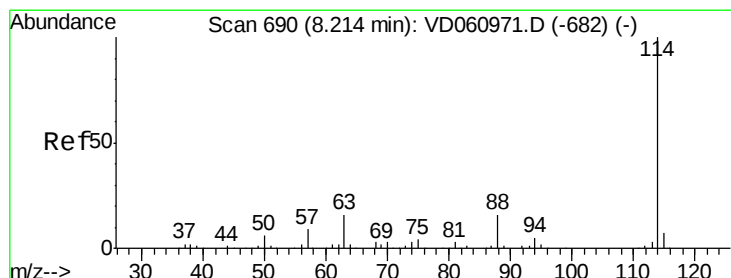
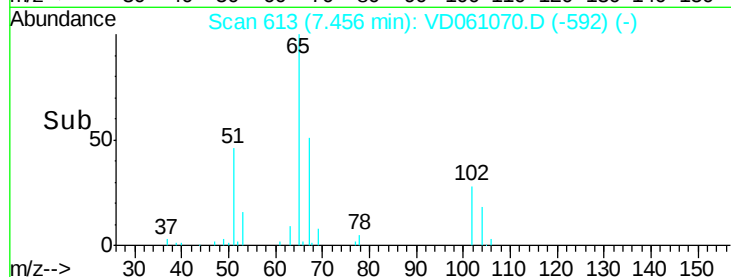
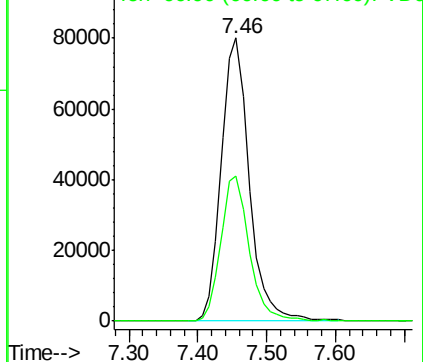
65 100

67 51.3 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: VD061070.D

Acq: 14 Mar 2019 17:46

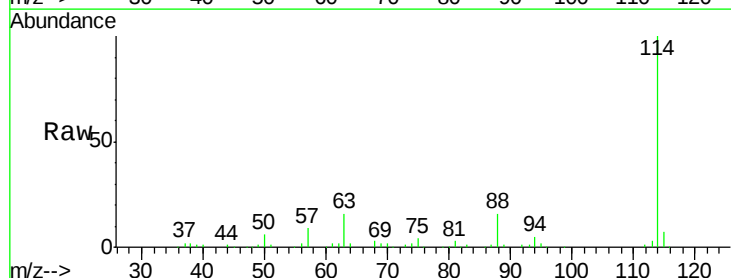
Tgt Ion: 114 Resp: 727918

Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.4

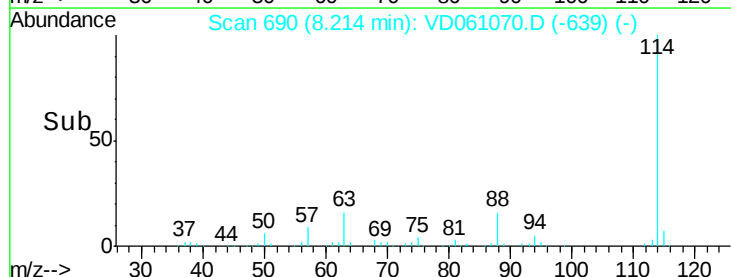
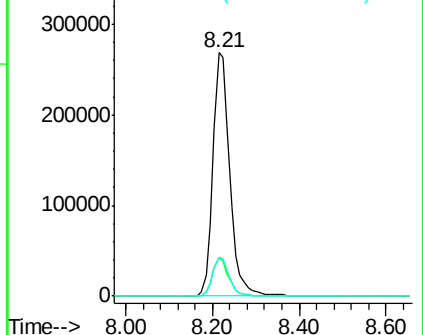
88 16.0 0.0 33.0

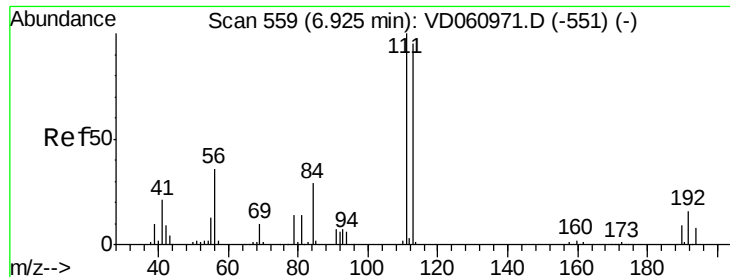


Abundance Ion 114.00 (113.70 to 114.70): V

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# 559

Delta R.T. -0.00 min

Lab File: VD061070.D

Acq: 14 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

SB-4(7-8)

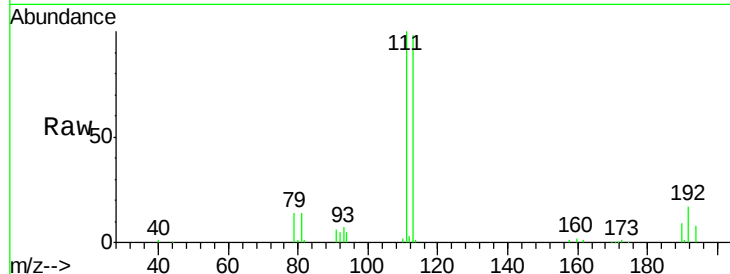
Tot Ion:113 Resp: 345679

Ion Ratio Lower Upper

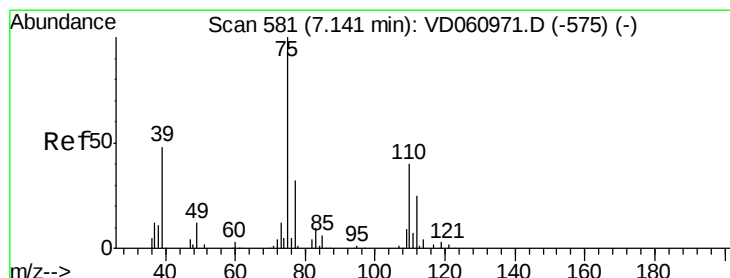
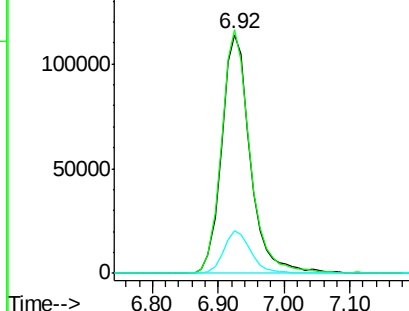
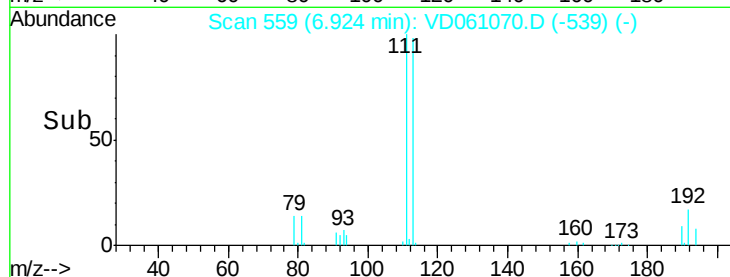
113 100

111 102.0 84.2 126.4

192 17.7 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: 4.722 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.10 min

Lab File: VD061070.D

Acq: 14 Mar 2019 17:46

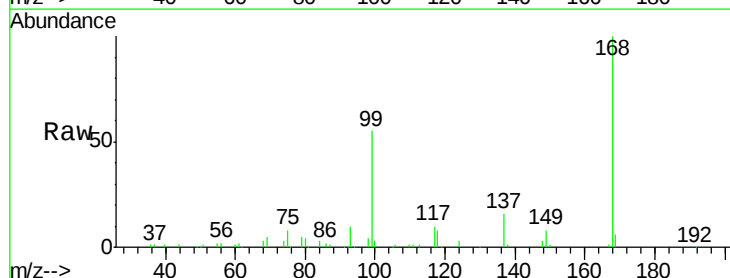
Tgt Ion: 75 Resp: 29631

Ion Ratio Lower Upper

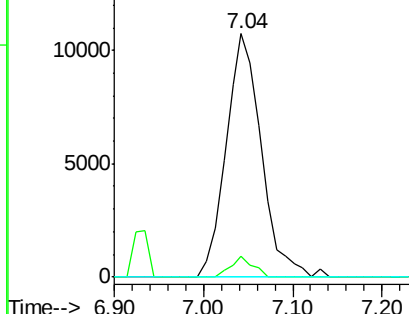
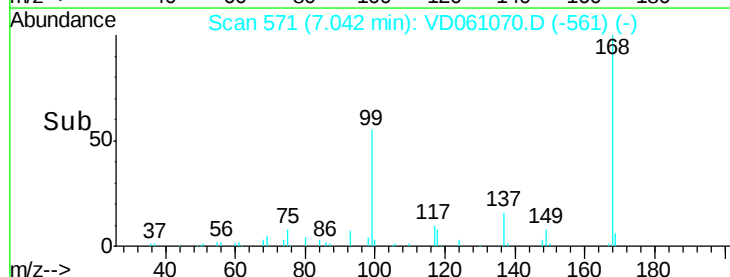
75 100

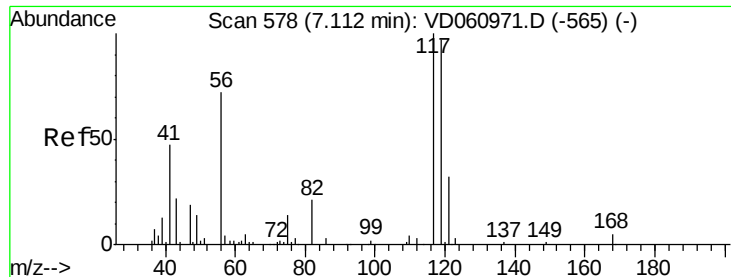
110 8.5 19.7 59.1#

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





#38

Carbon Tetrachloride

Concen: 5.519 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD061070.D

Acq: 14 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

SB-4(7-8)

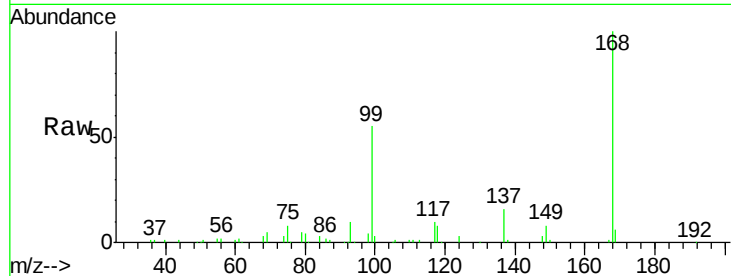
Tot Ion:117 Resp: 38147

Ion Ratio Lower Upper

117 100

119 4.1 77.8 116.8#

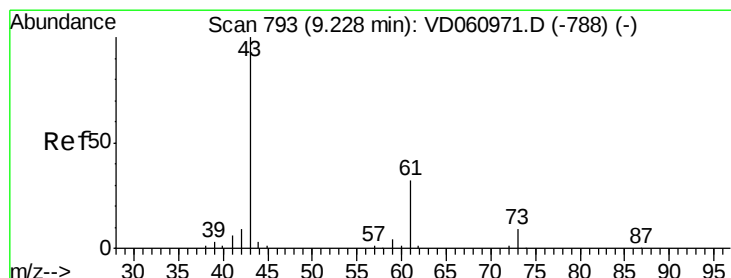
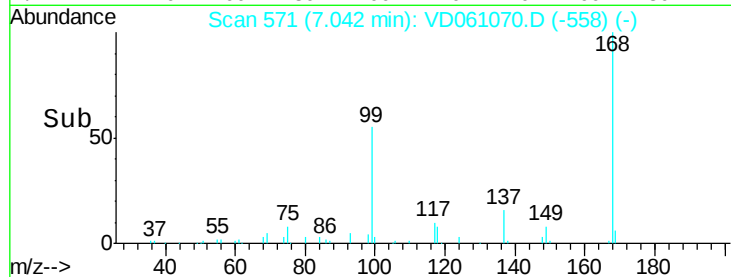
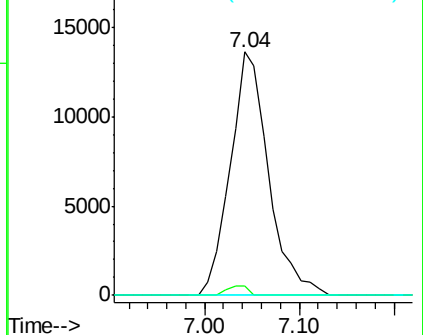
121 0.0 25.3 37.9#



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



#43

Isopropyl Acetate

Concen: 1.358 ug/l

RT: 9.54 min Scan# 825

Delta R.T. 0.31 min

Lab File: VD061070.D

Acq: 14 Mar 2019 17:46

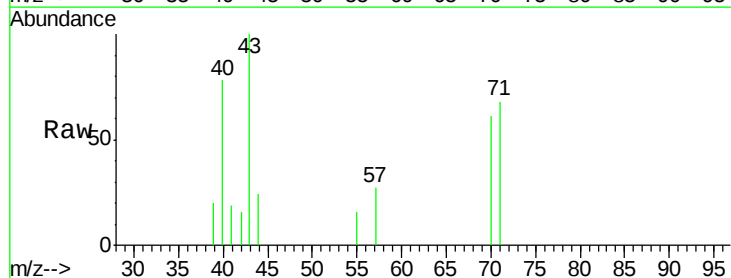
Tgt Ion: 43 Resp: 5537

Ion Ratio Lower Upper

43 100

61 0.0 25.6 38.4#

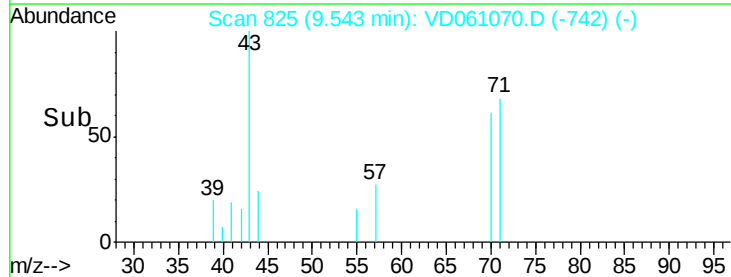
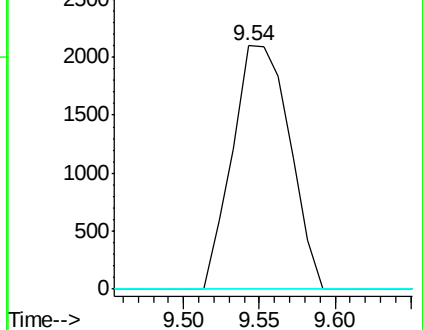
87 0.0 0.2 0.4#

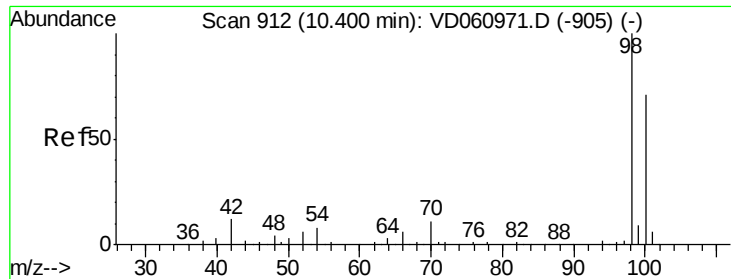


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC

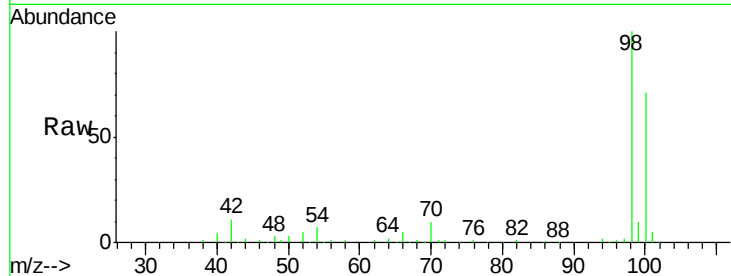




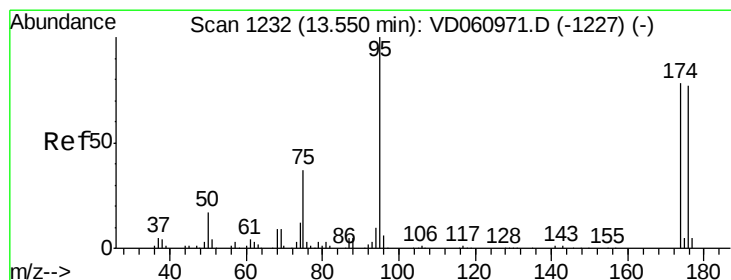
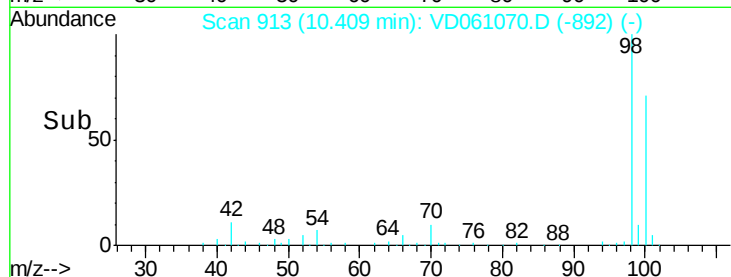
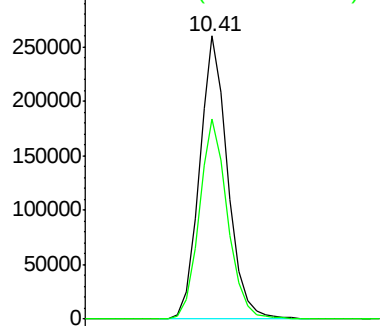
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061070.D
Acq: 14 Mar 2019 17:46

Instrument :
MSVOA_D
ClientSampleId :
SB-4(7-8)

Tot Ion: 98 Resp: 573629
Ion Ratio Lower Upper
98 100
100 70.7 57.4 86.2

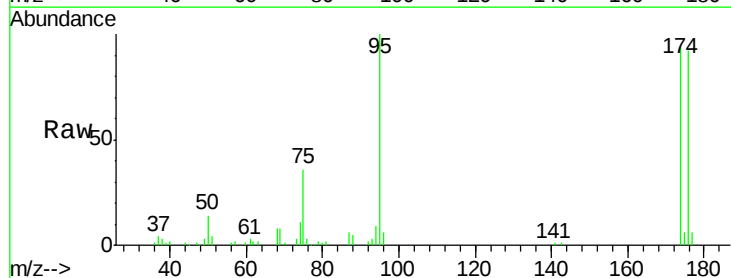


Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

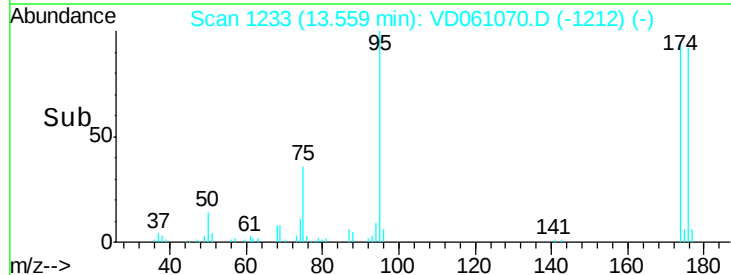
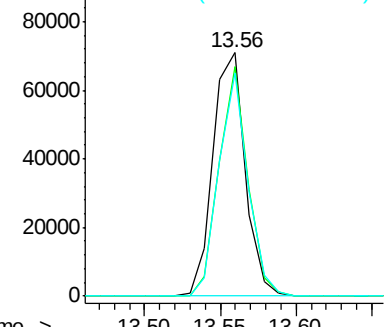


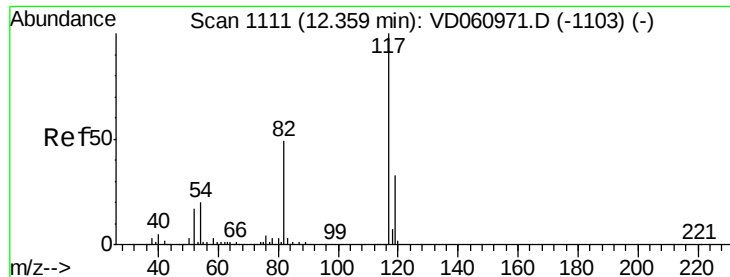
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061070.D
Acq: 14 Mar 2019 17:46

Tgt Ion: 95 Resp: 105064
Ion Ratio Lower Upper
95 100
174 94.1 0.0 155.6
176 91.6 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) (-)

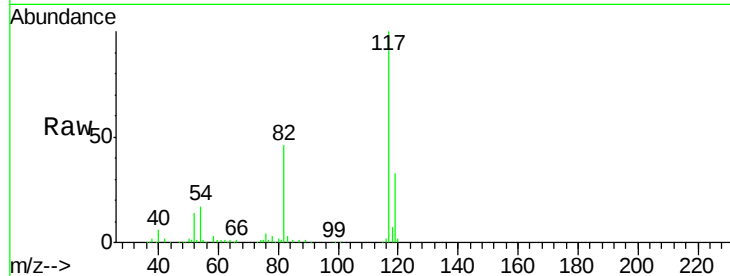




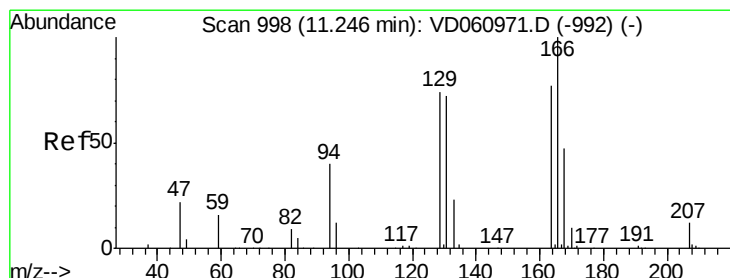
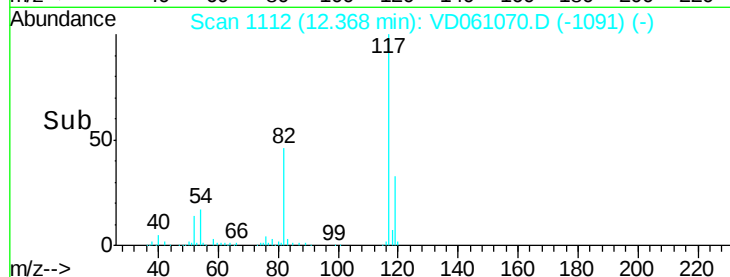
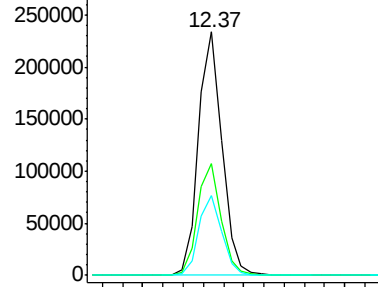
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061070.D
Acq: 14 Mar 2019 17:46

Instrument :
MSVOA_D
ClientSampleId :
SB-4(7-8)

Tot Ion:117 Resp: 379535
Ion Ratio Lower Upper
117 100
82 45.9 38.9 58.3
119 32.6 26.6 39.8

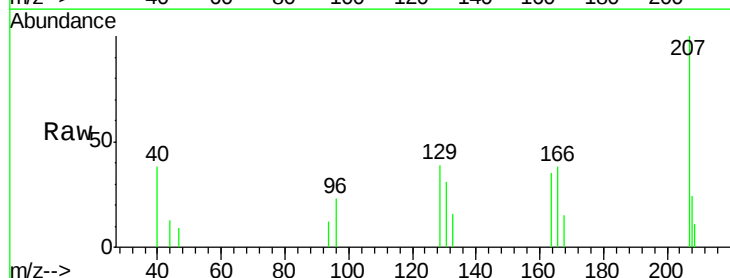


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

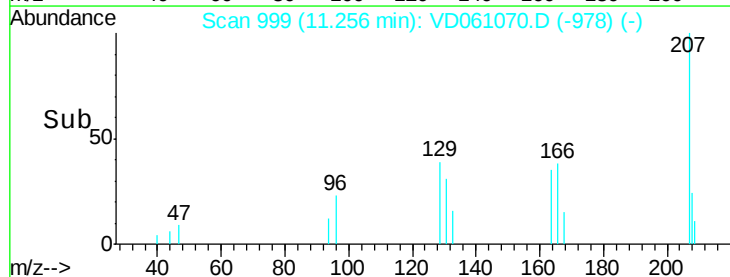
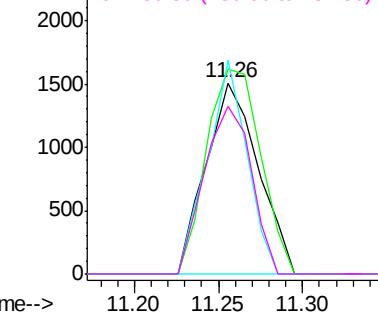


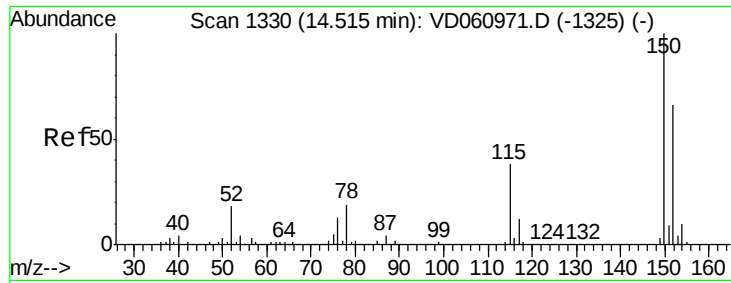
#64
Tetrachloroethene
Concen: 1.258 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.01 min
Lab File: VD061070.D
Acq: 14 Mar 2019 17:46

Tgt Ion:164 Resp: 3224
Ion Ratio Lower Upper
164 100
166 107.6 103.4 155.0
129 111.9 76.9 115.3
131 88.1 74.4 111.6



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VD061070.D

Acq: 14 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

SB-4(7-8)

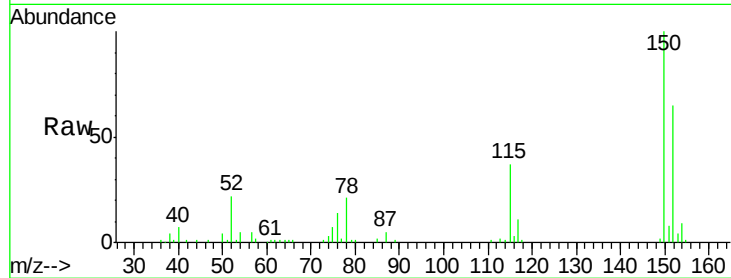
Tot Ion:152 Resp: 65194

Ion Ratio Lower Upper

152 100

115 57.8 28.6 85.9

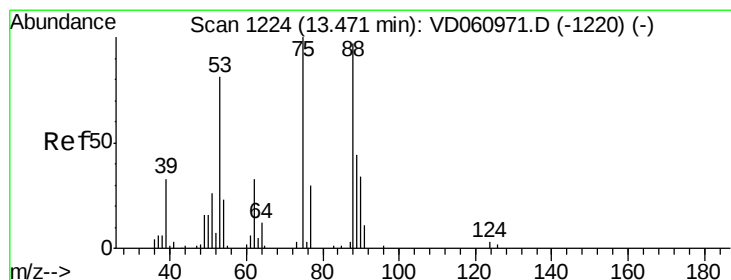
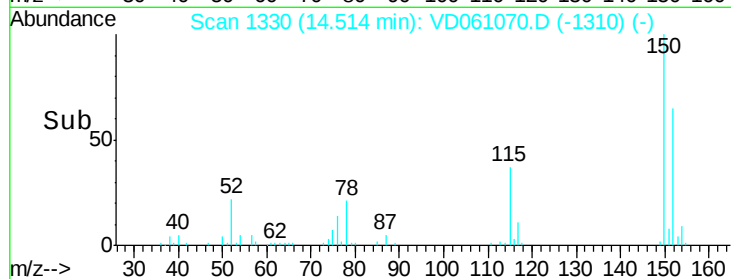
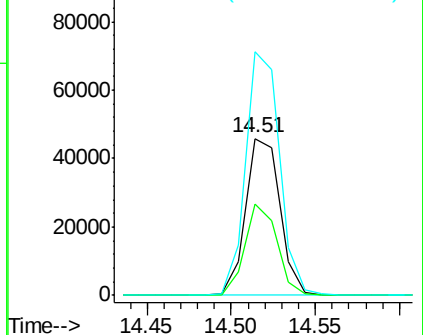
150 155.0 0.0 310.6



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: 139.150 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061070.D

Acq: 14 Mar 2019 17:46

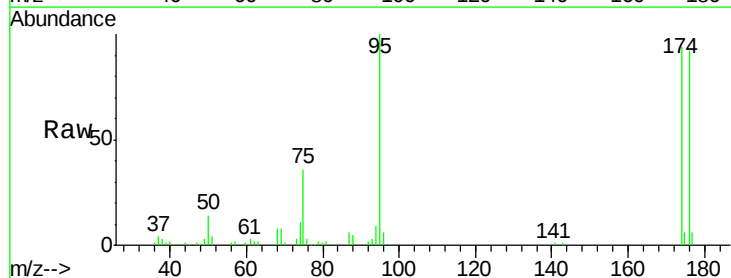
Tgt Ion: 75 Resp: 38478

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): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

