

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050119\
 Data File : VD062102.D
 Acq On : 1 May 2019 14:54
 Operator : FY/SY
 Sample : K2652-01
 Misc : 4.96g/5mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-1-4

Quant Time: May 02 00:57:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 08:37:17 2019
 Response via : Initial Calibration

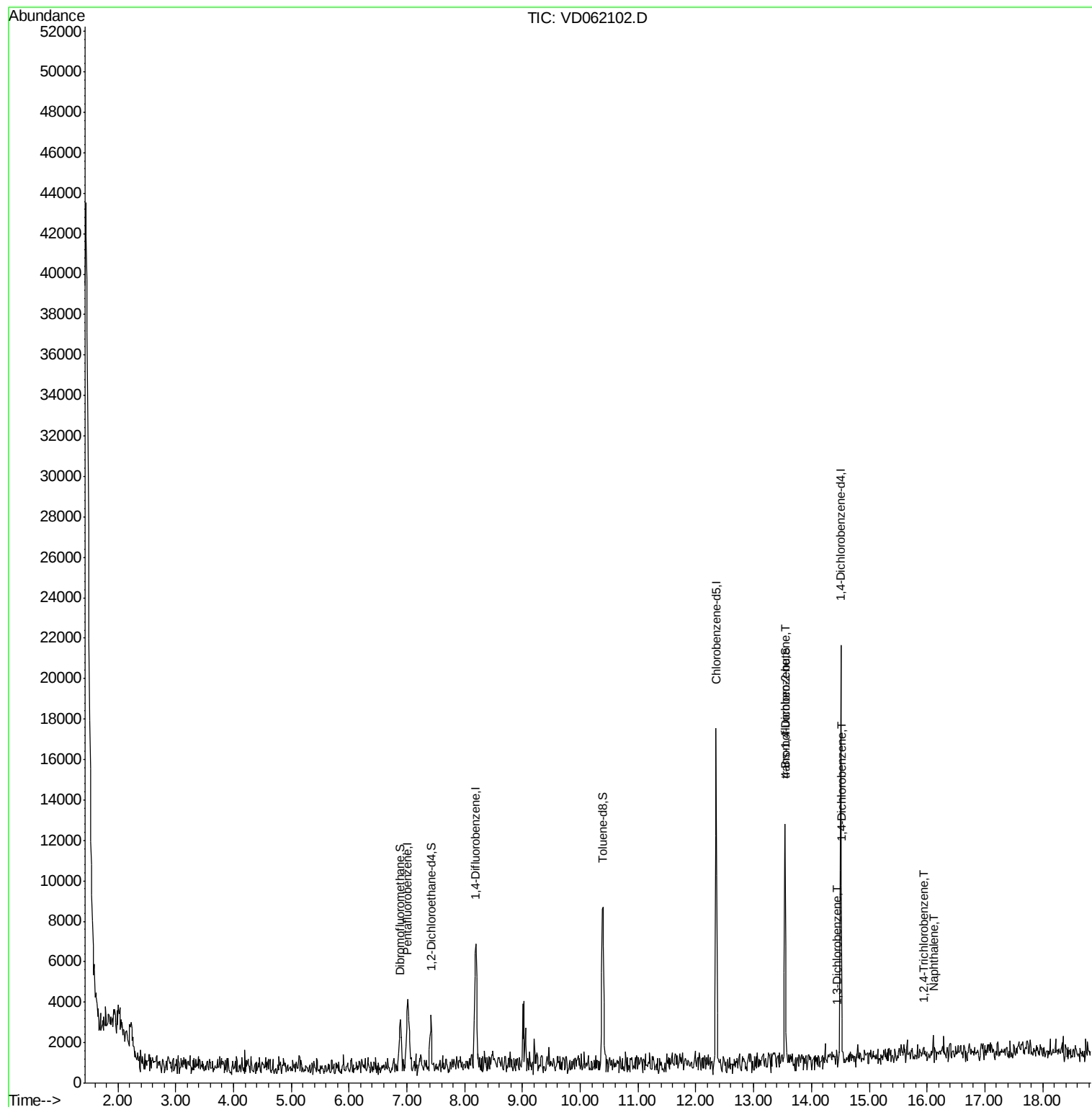
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	6223	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	11965	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	12162	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	5783	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	3074	63.11	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	126.22%	
35) Dibromofluoromethane	6.89	113	2360	28.52	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	57.04%	
50) Toluene-d8	10.39	98	9186	46.65	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	93.30%	
62) 4-Bromofluorobenzene	13.54	95	3623	45.87	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	91.74%	
Target Compounds						
					Qvalue	
81) trans-1,4-Dichloro-2-buten	13.54	75	1532	68.842	ug/l #	16
87) 1,3-Dichlorobenzene	14.44	146	225	1.161	ug/l #	25
88) 1,4-Dichlorobenzene	14.52	146	486	2.682	ug/l #	31
93) 1,2,4-Trichlorobenzene	15.93	180	208	2.412	ug/l #	68
95) Naphthalene	16.11	128	412	2.958	ug/l #	70

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

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Quant Title : SW846 8260
QLast Update : Wed May 01 08:37:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD062102.D

Acq: 1 May 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

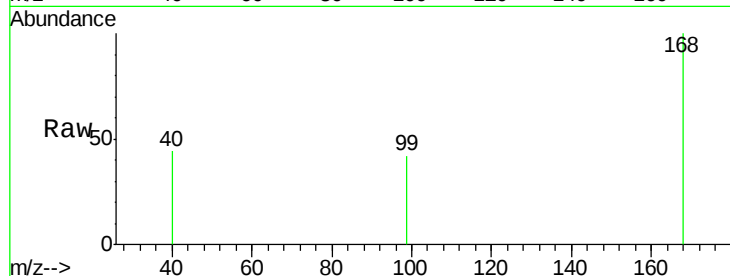
DRUM-1-4

Tot Ion:168 Resp: 6223

Ion Ratio Lower Upper

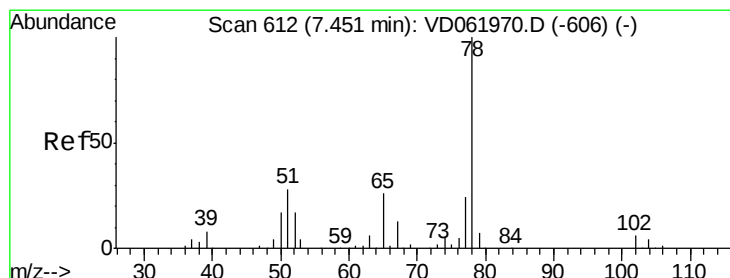
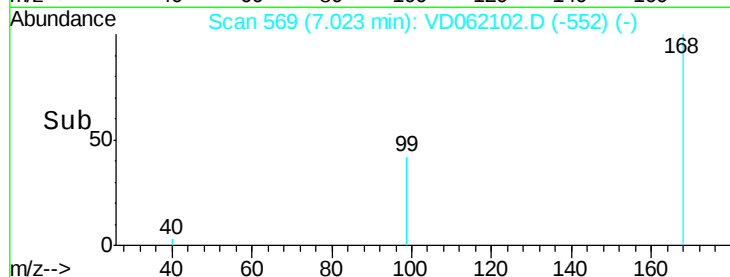
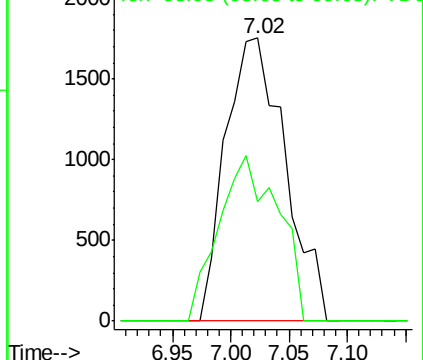
168 100

99 42.2 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 63.115 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062102.D

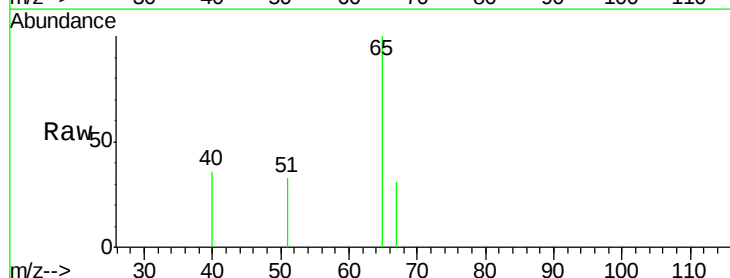
Acq: 1 May 2019 14:54

Tgt Ion: 65 Resp: 3074

Ion Ratio Lower Upper

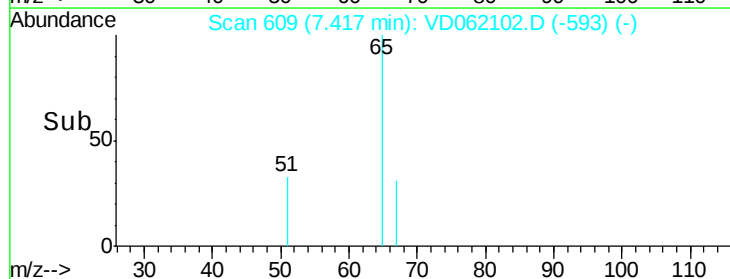
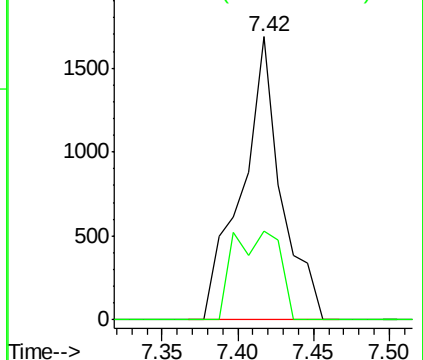
65 100

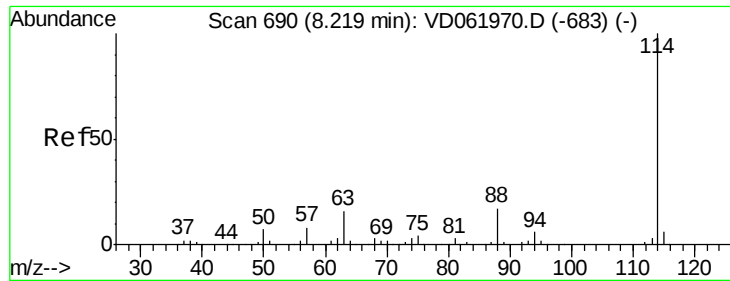
67 31.4 0.0 98.0



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: 8.20 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD062102.D

Acq: 1 May 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

DRUM-1-4

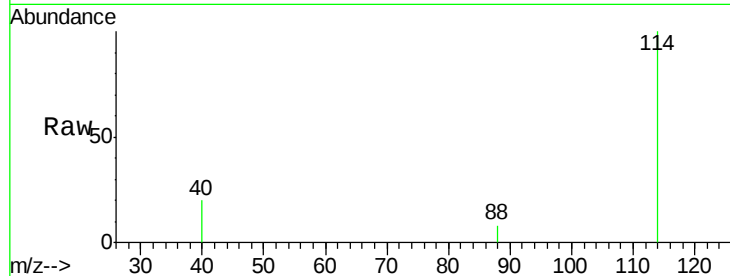
Tot Ion:114 Resp: 11965

Ion Ratio Lower Upper

114 100

63 0.0 0.0 32.4

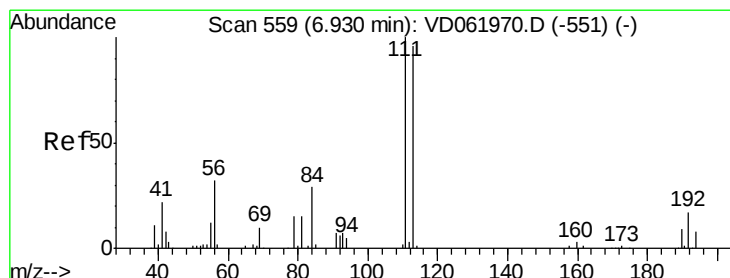
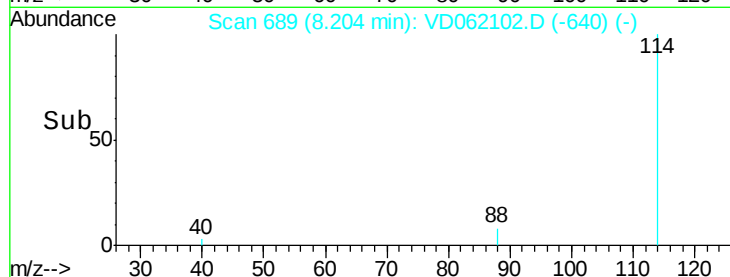
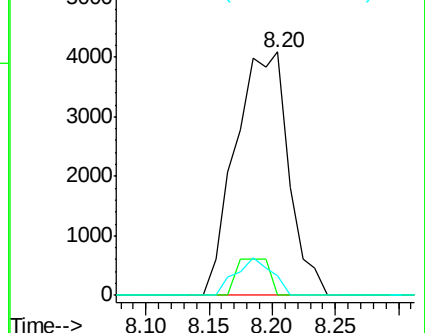
88 7.9 0.0 33.6



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: 28.520 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.05 min

Lab File: VD062102.D

Acq: 1 May 2019 14:54

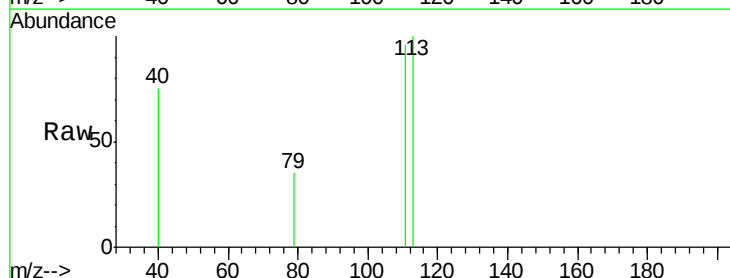
Tgt Ion:113 Resp: 2360

Ion Ratio Lower Upper

113 100

111 95.8 78.5 117.7

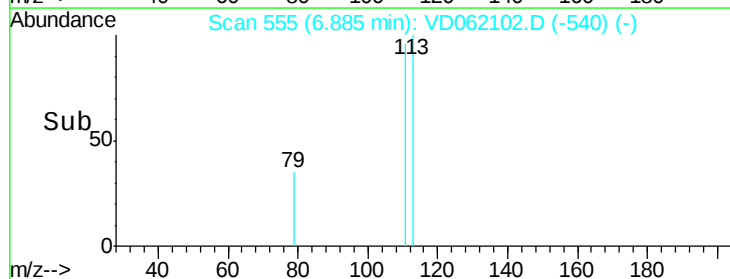
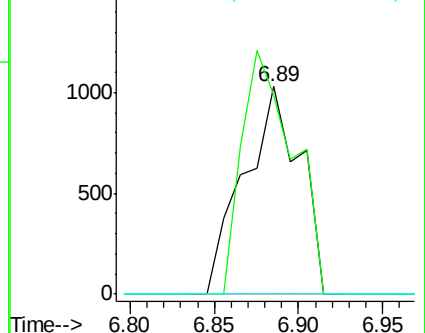
192 0.0 13.0 19.4#

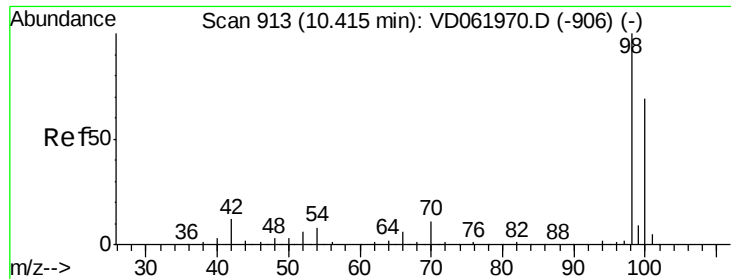


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

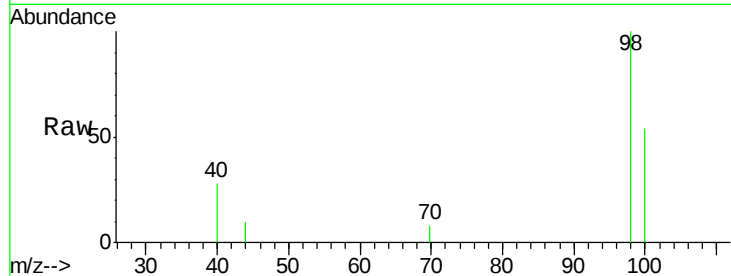




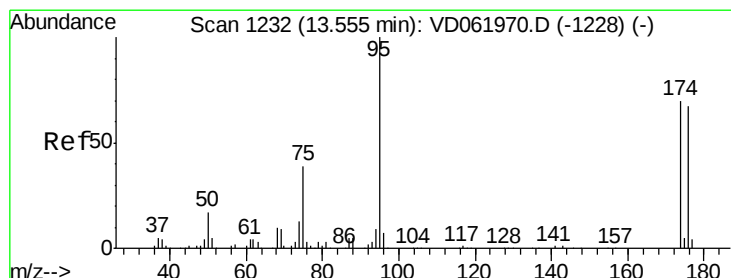
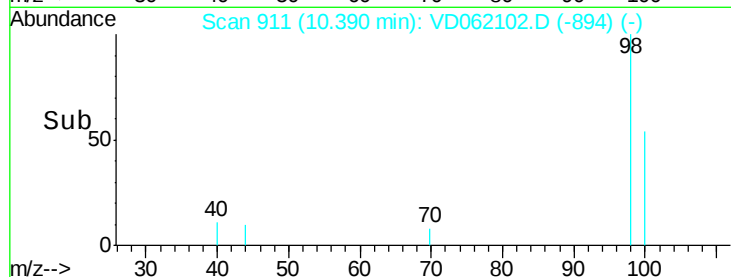
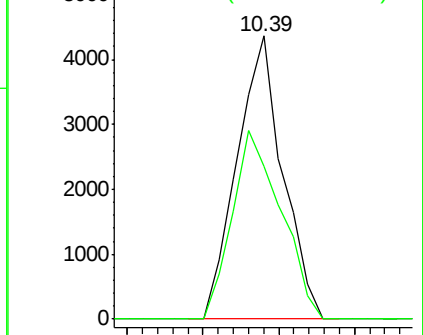
#50
Toluene-d8
Concen: 46.653 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.03 min
Lab File: VD062102.D
Acq: 1 May 2019 14:54

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1-4

Tot Ion: 98 Resp: 9186
Ion Ratio Lower Upper
98 100
100 54.0 53.8 80.8

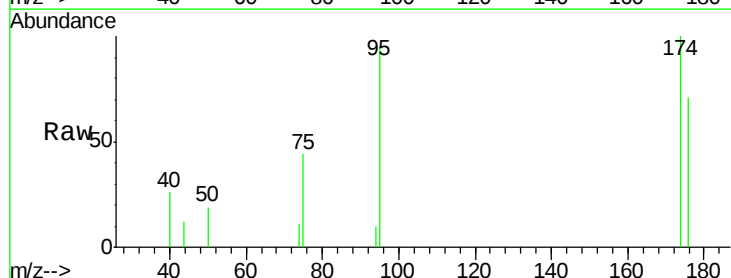


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

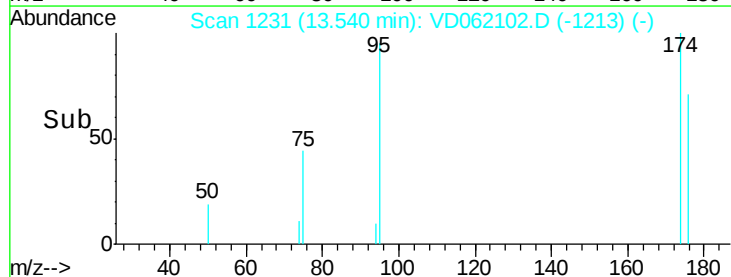
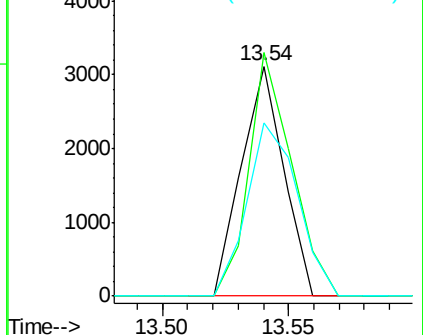


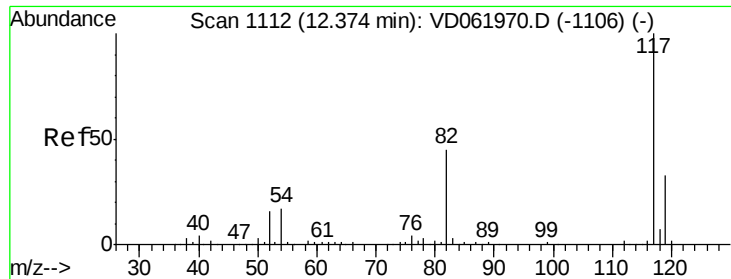
#62
4-Bromofluorobenzene
Concen: 45.875 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD062102.D
Acq: 1 May 2019 14:54

Tgt Ion: 95 Resp: 3623
Ion Ratio Lower Upper
95 100
174 105.8 0.0 181.8
176 75.2 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)
Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

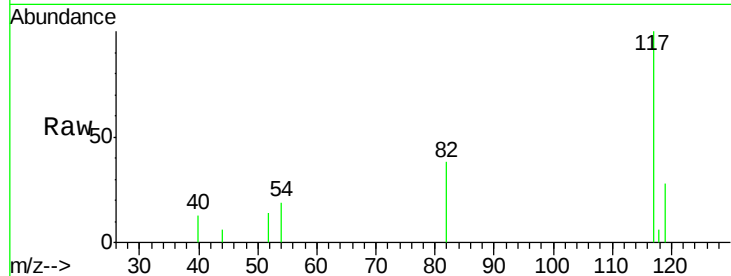




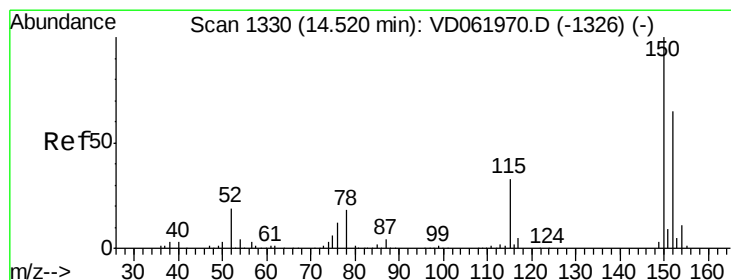
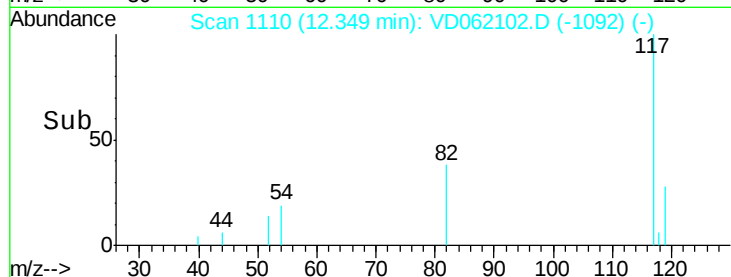
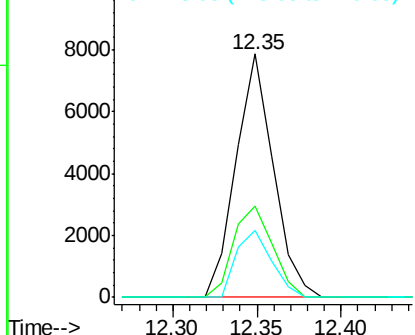
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062102.D
Acq: 1 May 2019 14:54

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1-4

Tot Ion:117 Resp: 12162
Ion Ratio Lower Upper
117 100
82 37.7 36.2 54.2
119 27.7 26.2 39.4

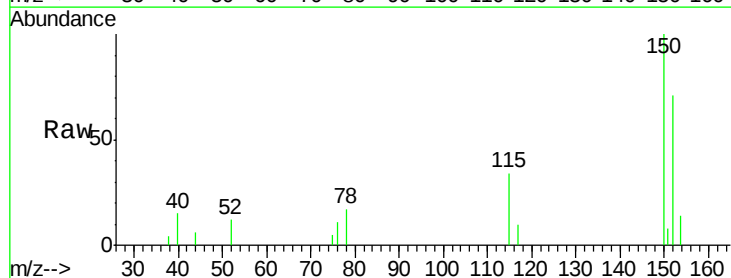


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

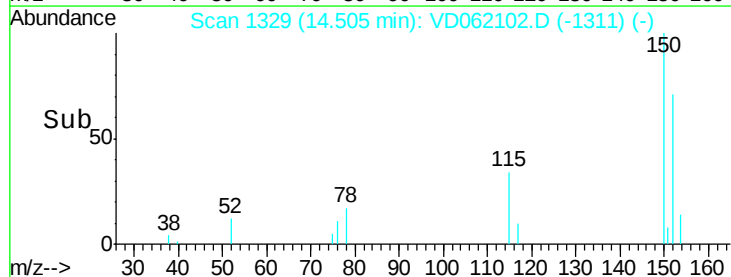
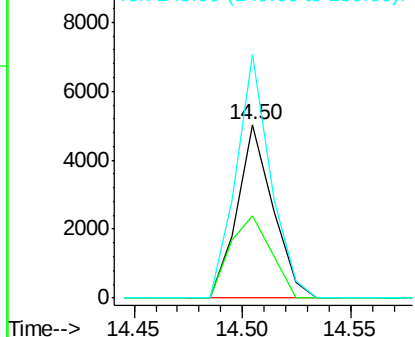


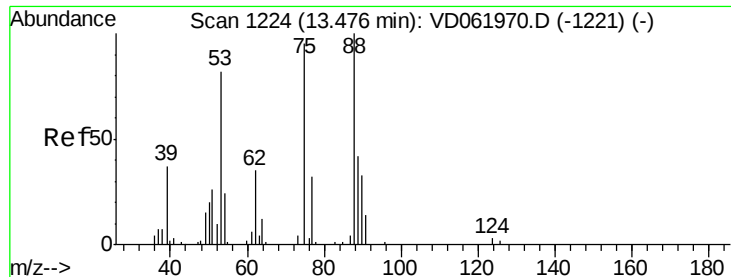
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD062102.D
Acq: 1 May 2019 14:54

Tgt Ion:152 Resp: 5783
Ion Ratio Lower Upper
152 100
115 47.7 30.9 92.7
150 140.5 0.0 314.8



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: 68.842 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.06 min

Lab File: VD062102.D

Acq: 1 May 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

DRUM-1-4

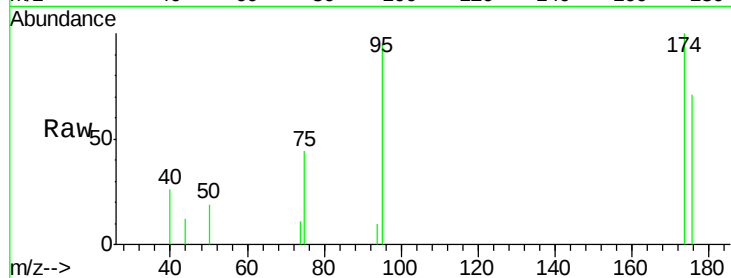
Tot Ion: 75 Resp: 1532

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

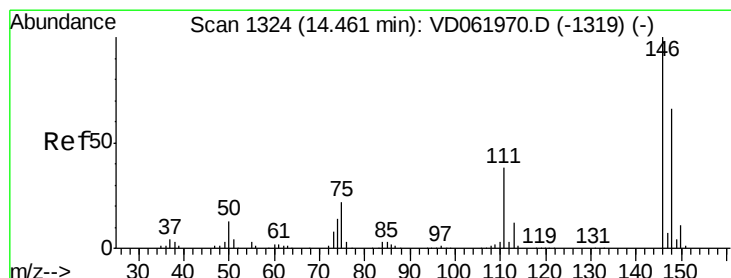
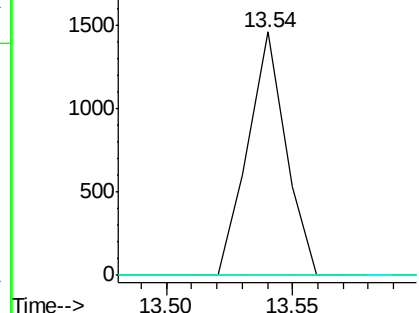
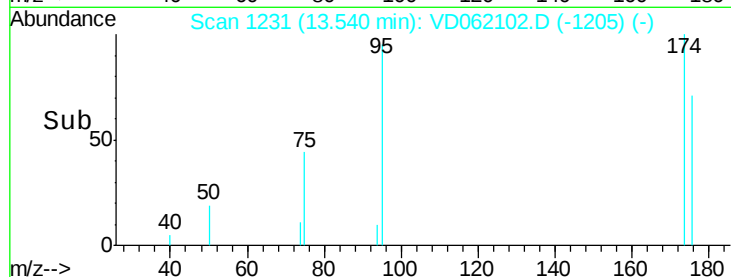
89 0.0 35.0 52.6#



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



#87

1,3-Dichlorobenzene

Concen: 1.161 ug/l

RT: 14.44 min Scan# 1322

Delta R.T. -0.02 min

Lab File: VD062102.D

Acq: 1 May 2019 14:54

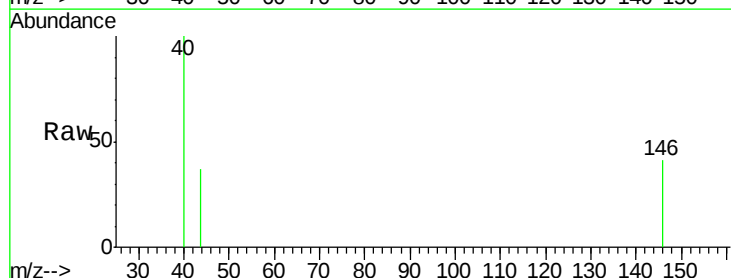
Tgt Ion: 146 Resp: 225

Ion Ratio Lower Upper

146 100

111 0.0 20.0 60.0#

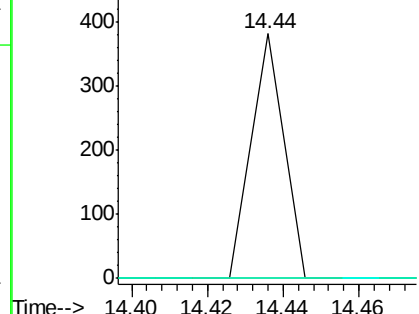
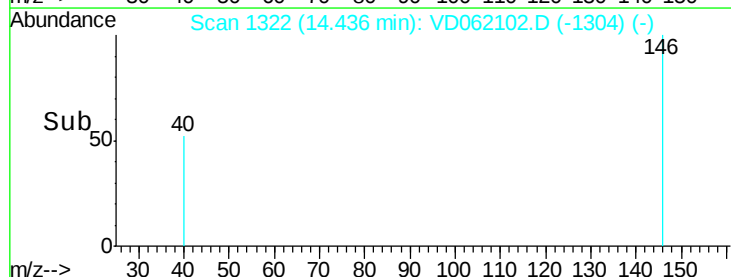
148 0.0 31.8 95.4#

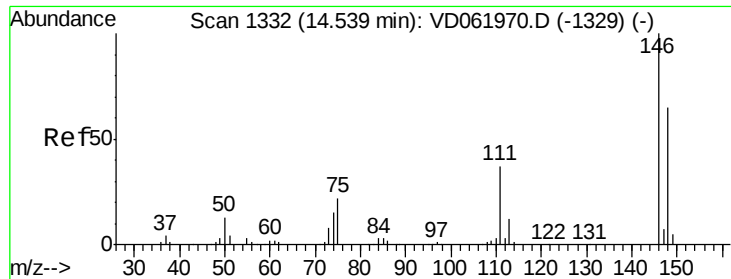


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

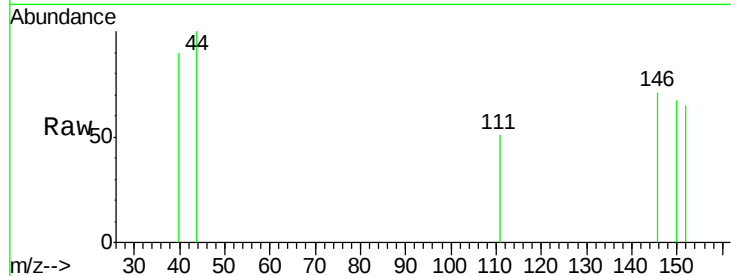




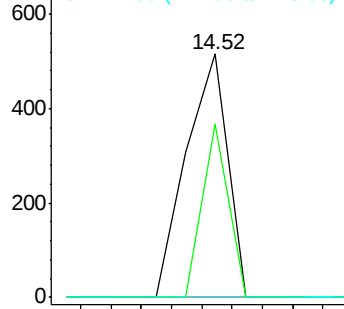
#88
 1,4-Dichlorobenzene
 Concen: 2.682 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: VD062102.D
 Acq: 1 May 2019 14:54

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-1-4

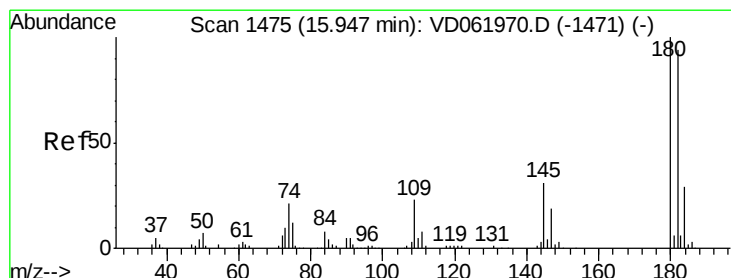
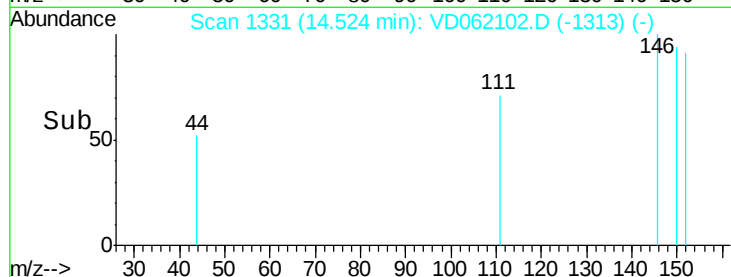
Tot Ion:146 Resp: 486
 Ion Ratio Lower Upper
 146 100
 111 70.9 20.2 60.5#
 148 0.0 32.0 96.2#



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

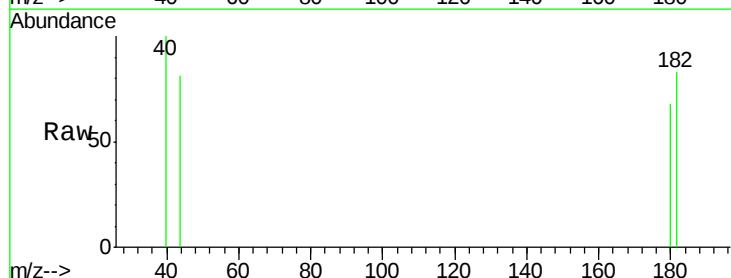


Time-->

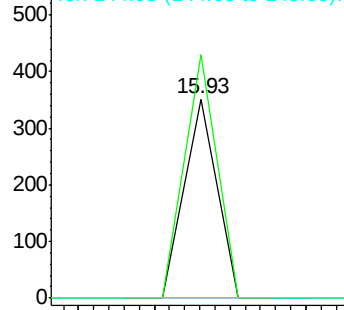


#93
 1,2,4-Trichlorobenzene
 Concen: 2.412 ug/l
 RT: 15.93 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD062102.D
 Acq: 1 May 2019 14:54

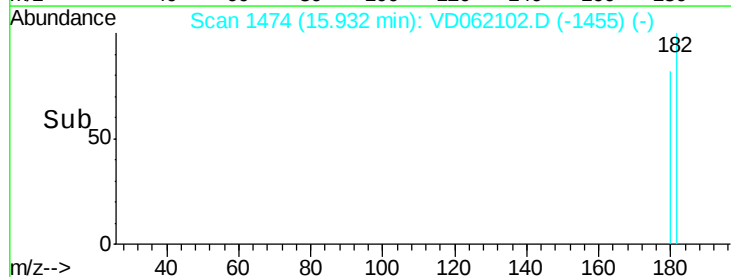
Tgt Ion:180 Resp: 208
 Ion Ratio Lower Upper
 180 100
 182 122.2 49.3 147.8
 145 0.0 16.2 48.6#

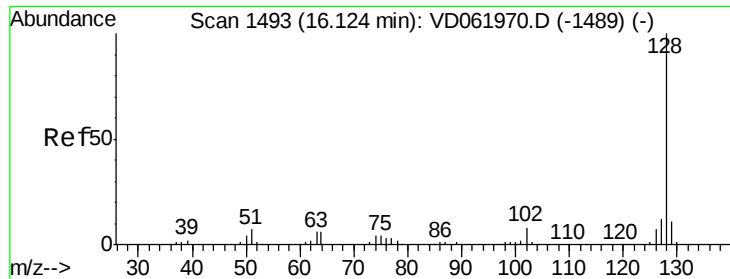


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V



Time-->





#95

Naphthalene

Concen: 2.958 ug/l

RT: 16.11 min Scan# 1492

Delta R.T. -0.02 min

Lab File: VD062102.D

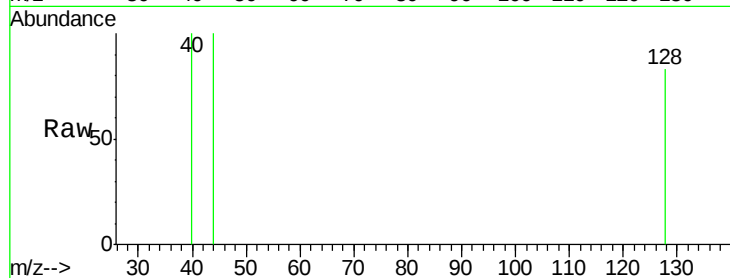
Acq: 1 May 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

DRUM-1-4



Tot Ion:128 Resp: 412

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

129 0.0 8.8 13.2#

