

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

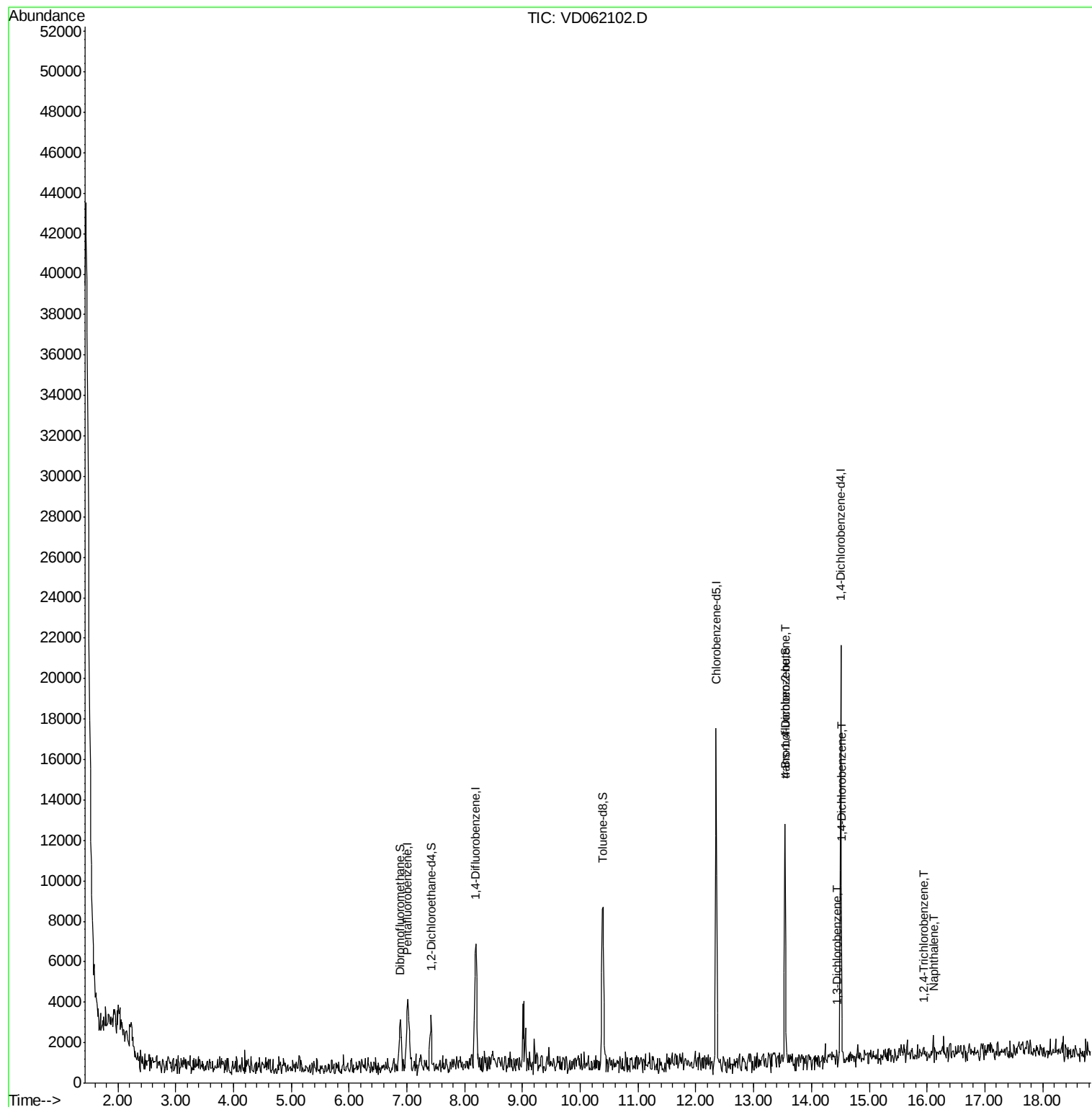
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	6223	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	11965	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	12162	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	5783	50.00	ug/l	-0.02
System Monitoring Compounds						
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

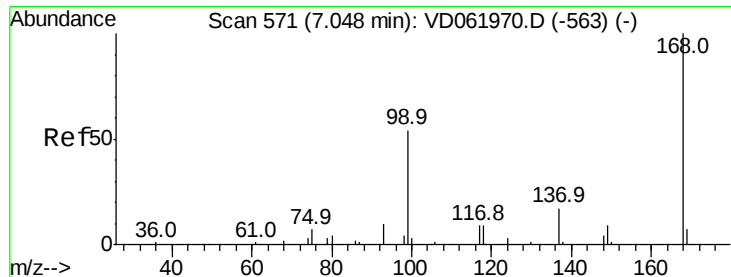
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD050119\
Data File : VD062102.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
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 :

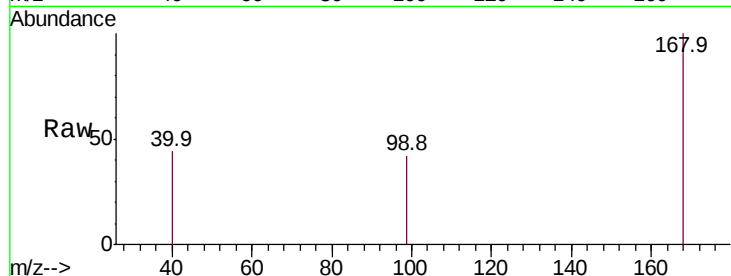
DRUM-1-4

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

7.02

1500

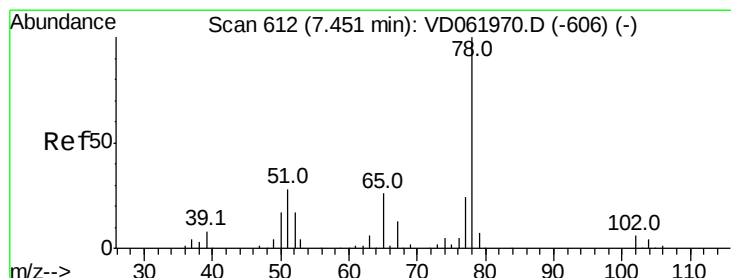
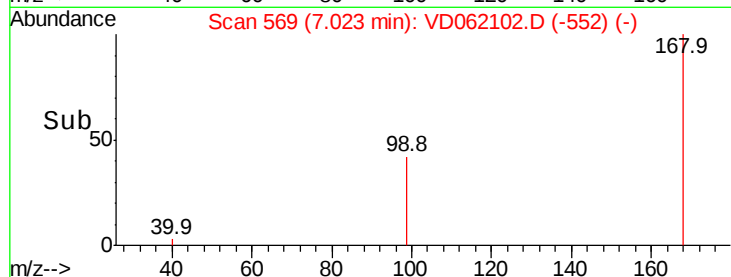
1000

500

0

6.95 7.00 7.05 7.10

Time-->



#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

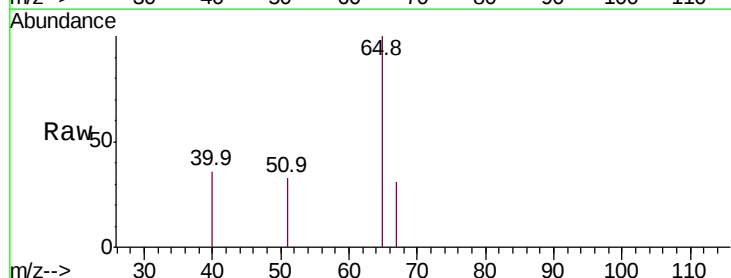
Acq: 1 May 2019 14:54

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

7.42

1500

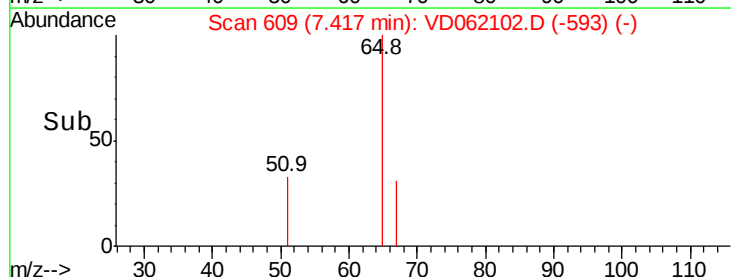
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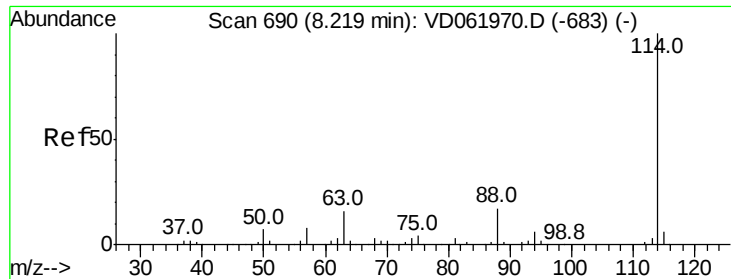
500

0

7.35 7.40 7.45 7.50

Time-->

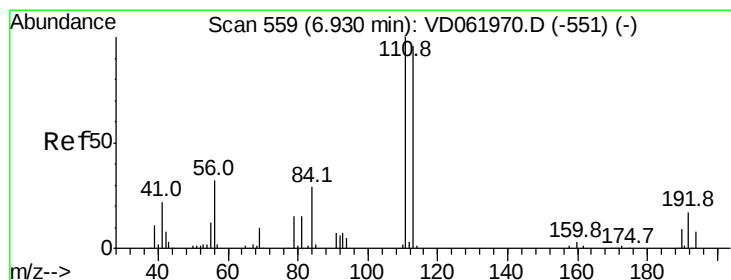
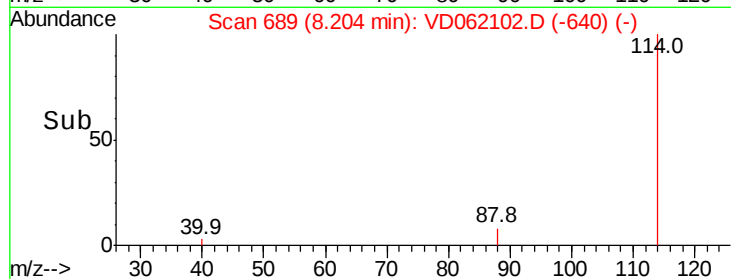
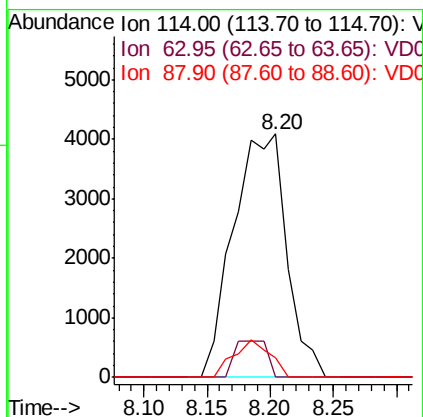
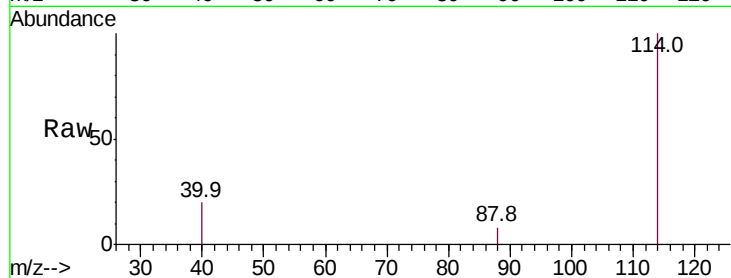




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VD062102.D
 Acq: 1 May 2019 14:54

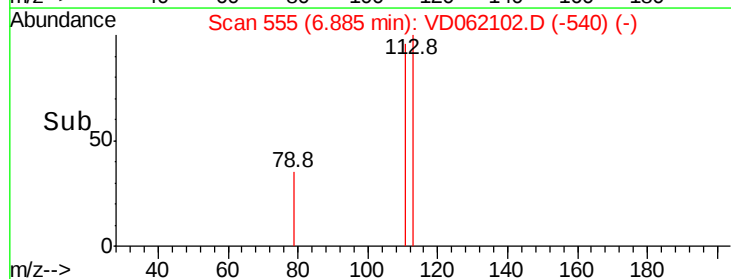
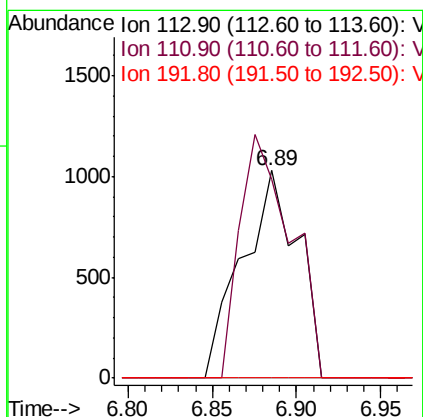
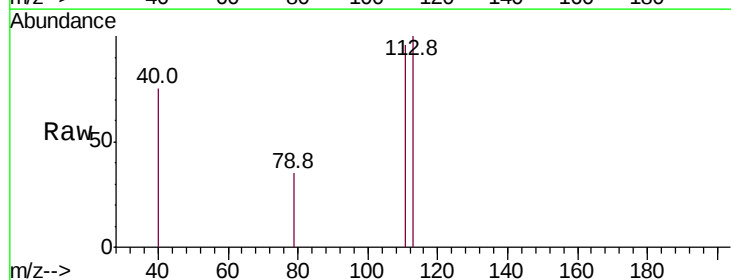
Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-1-4

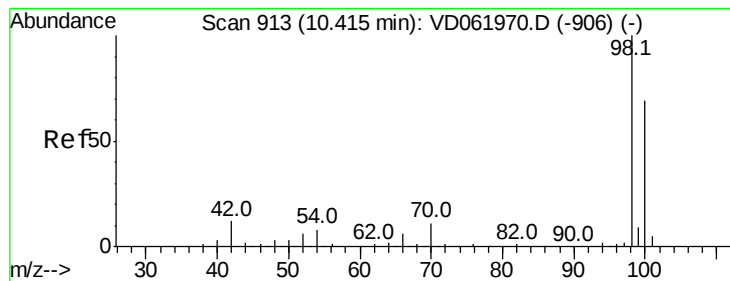
Tot Ion:114 Resp: 11965
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 32.4
 88 7.9 0.0 33.6



#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#





#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 :

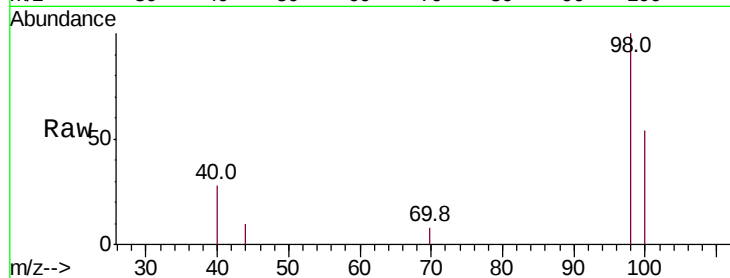
DRUM-1-4

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) (-)

10.39

4000

3000

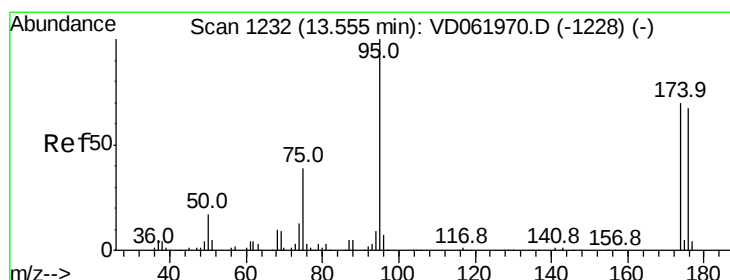
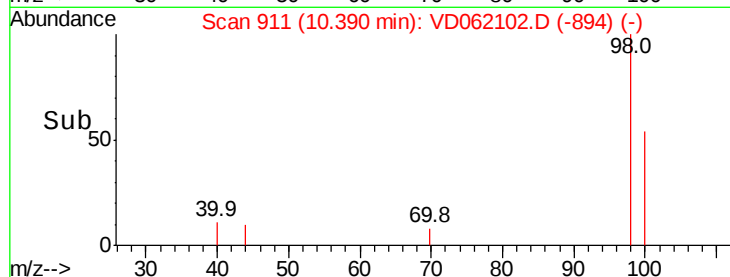
2000

1000

0

Time-->

10.30 10.35 10.40 10.45



#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

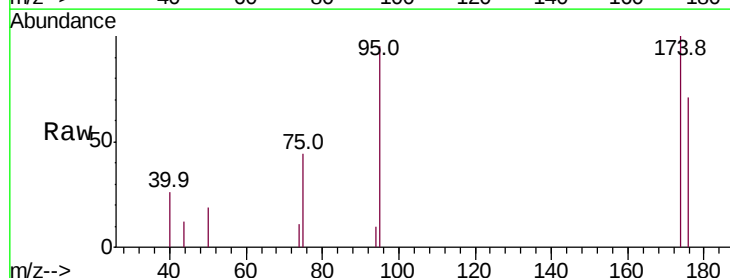
Tgt Ion: 95 Resp: 3623

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) (-)

4000

3000

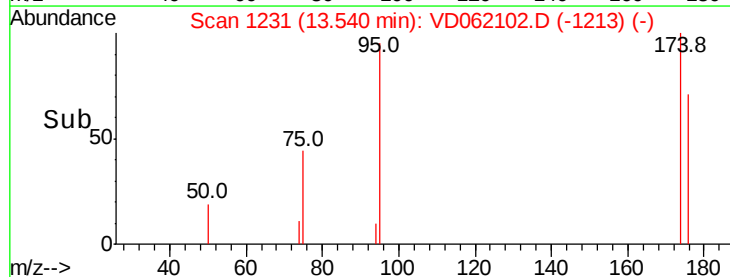
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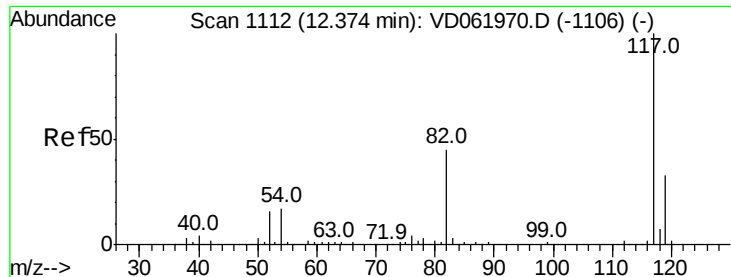
1000

0

Time-->

13.50 13.55

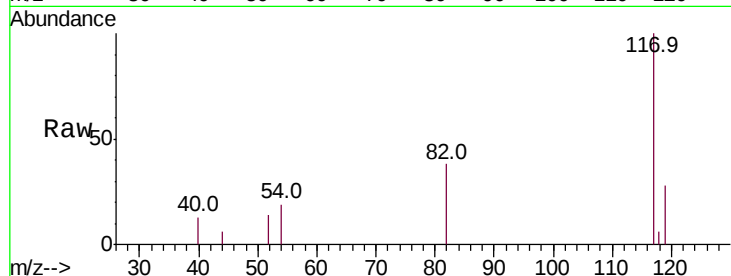




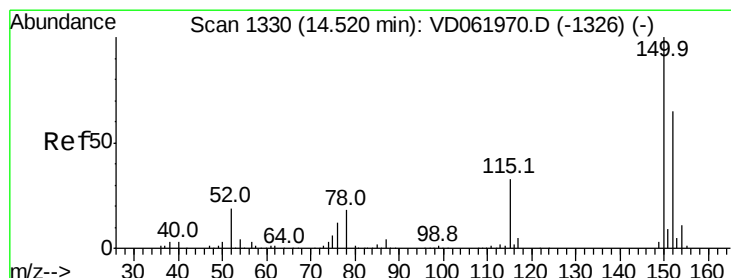
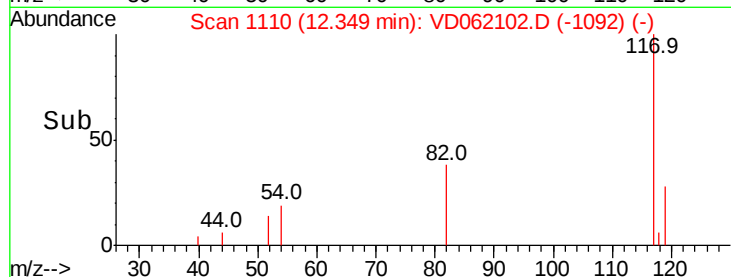
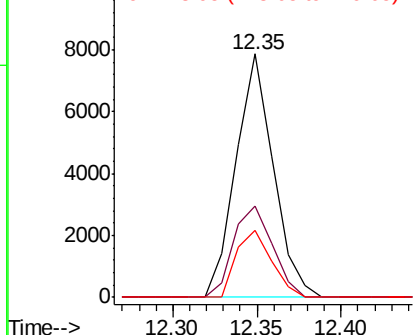
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.35 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: VD062102.D
 Acq: 1 May 2019 14:54

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

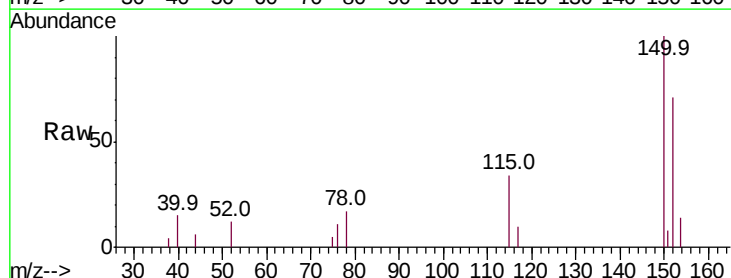


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V

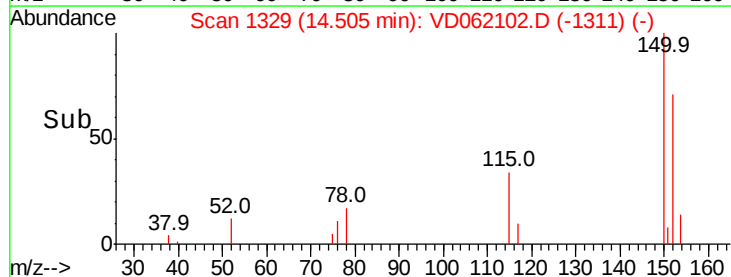
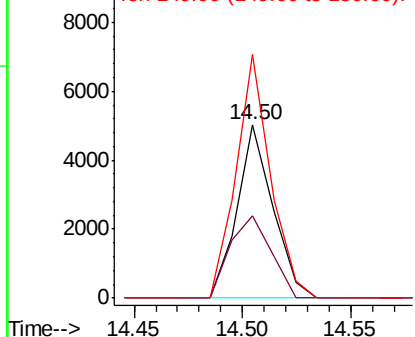


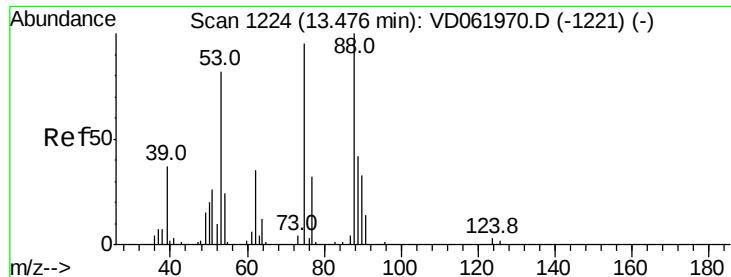
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: VD062102.D
 Acq: 1 May 2019 14:54

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

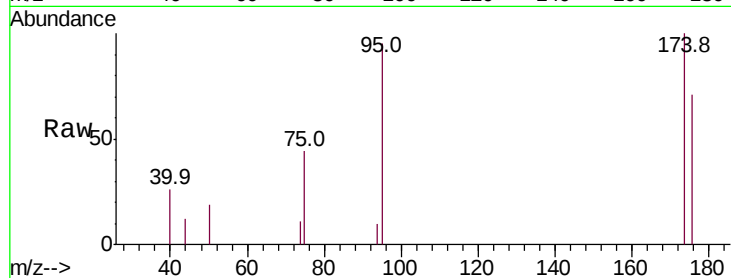
Tot Ion: 75 Resp: 1532

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

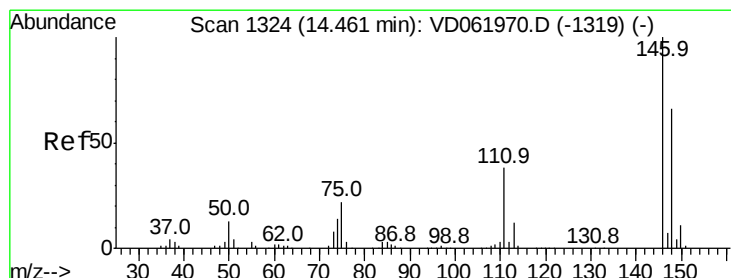
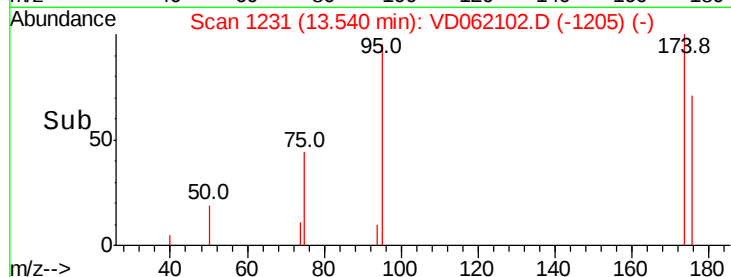
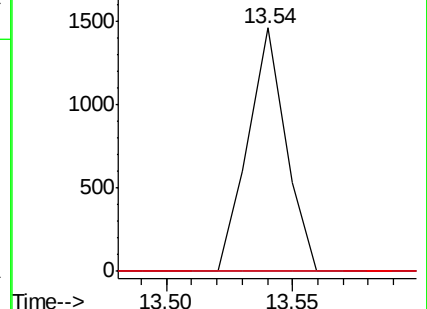
89 0.0 35.0 52.6#



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

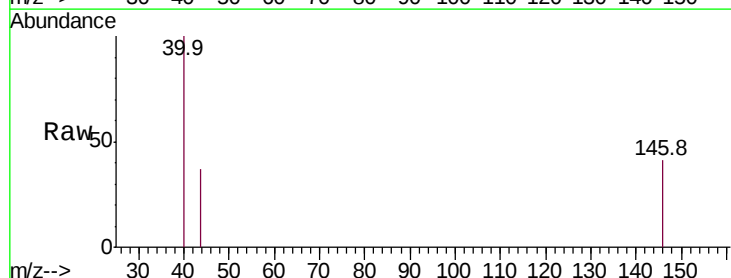
Tgt Ion: 146 Resp: 225

Ion Ratio Lower Upper

146 100

111 0.0 20.0 60.0#

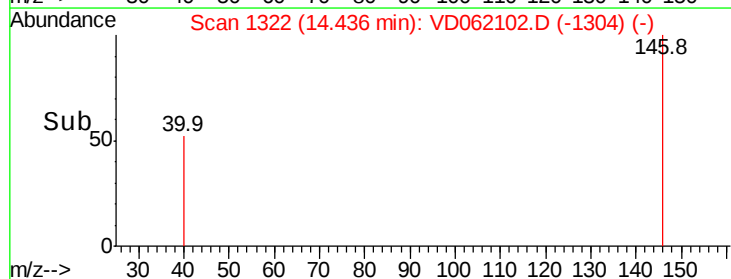
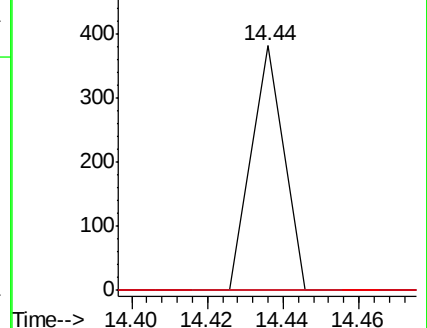
148 0.0 31.8 95.4#

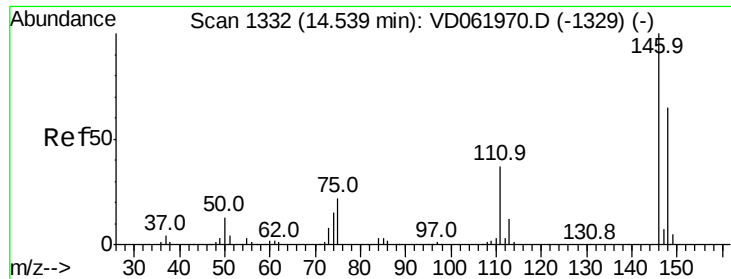


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

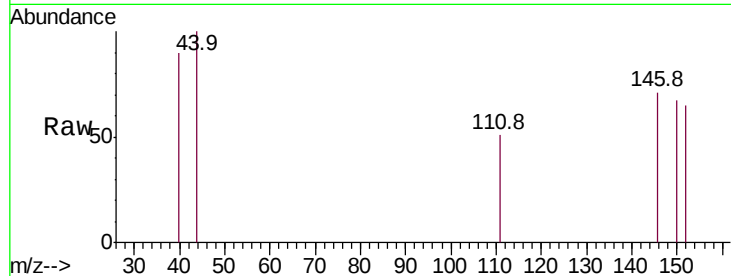




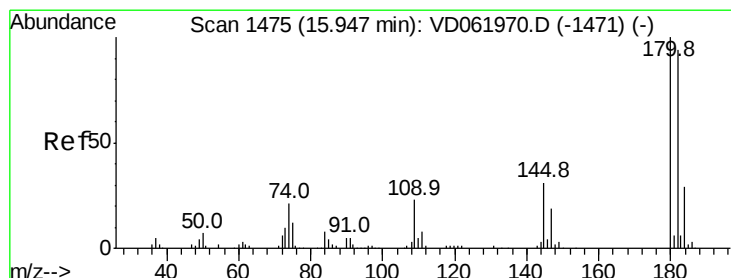
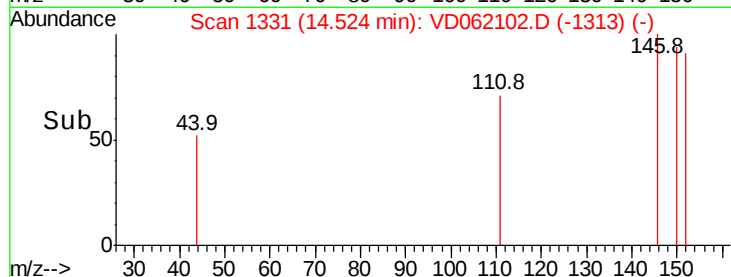
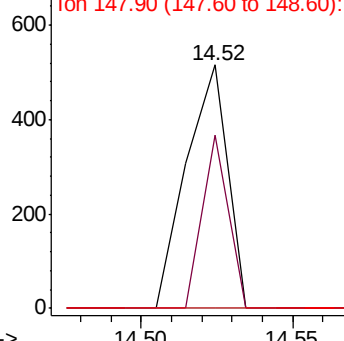
#88
 1,4-Dichlorobenzene
 Concen: 2.682 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: VD062102.D
 Acq: 1 May 2019 14:54

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#

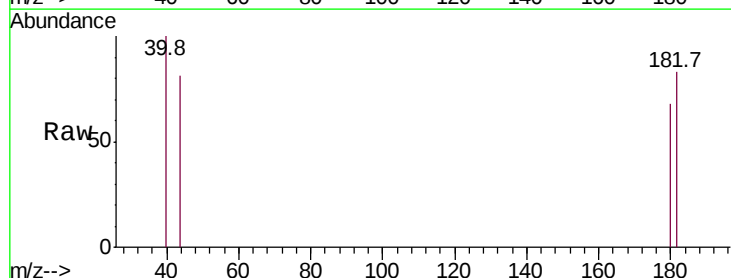


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

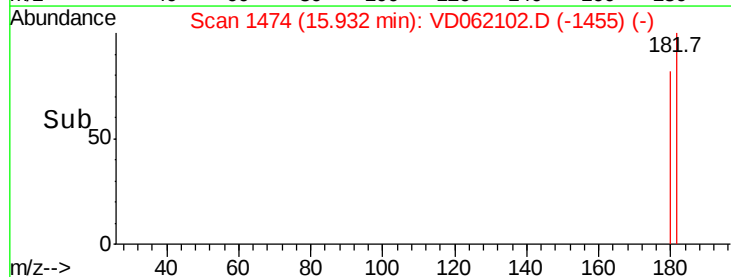
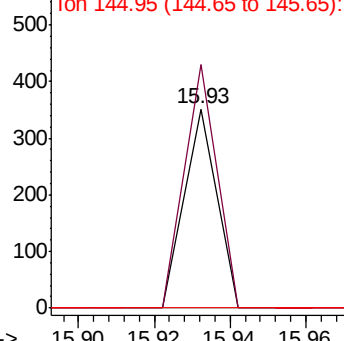


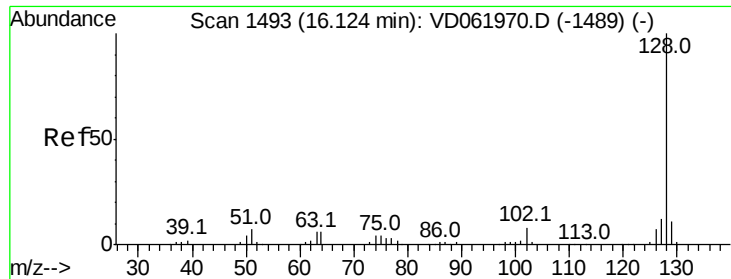
#93
 1,2,4-Trichlorobenzene
 Concen: 2.412 ug/l
 RT: 15.93 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD062102.D
 Acq: 1 May 2019 14:54

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





#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

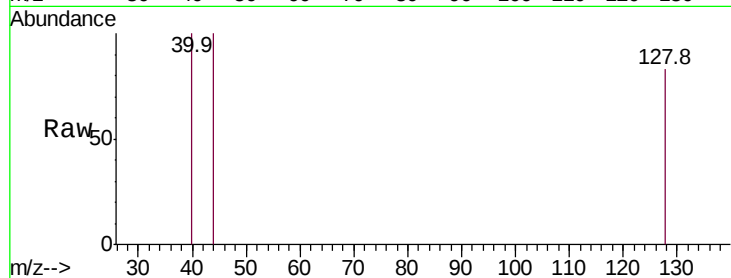
Tot Ion:128 Resp: 412

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

