

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032819\
 Data File : VD061390.D
 Acq On : 28 Mar 2019 14:40
 Operator : VA/AP
 Sample : VD0328SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBL01

Quant Time: Mar 28 15:05:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

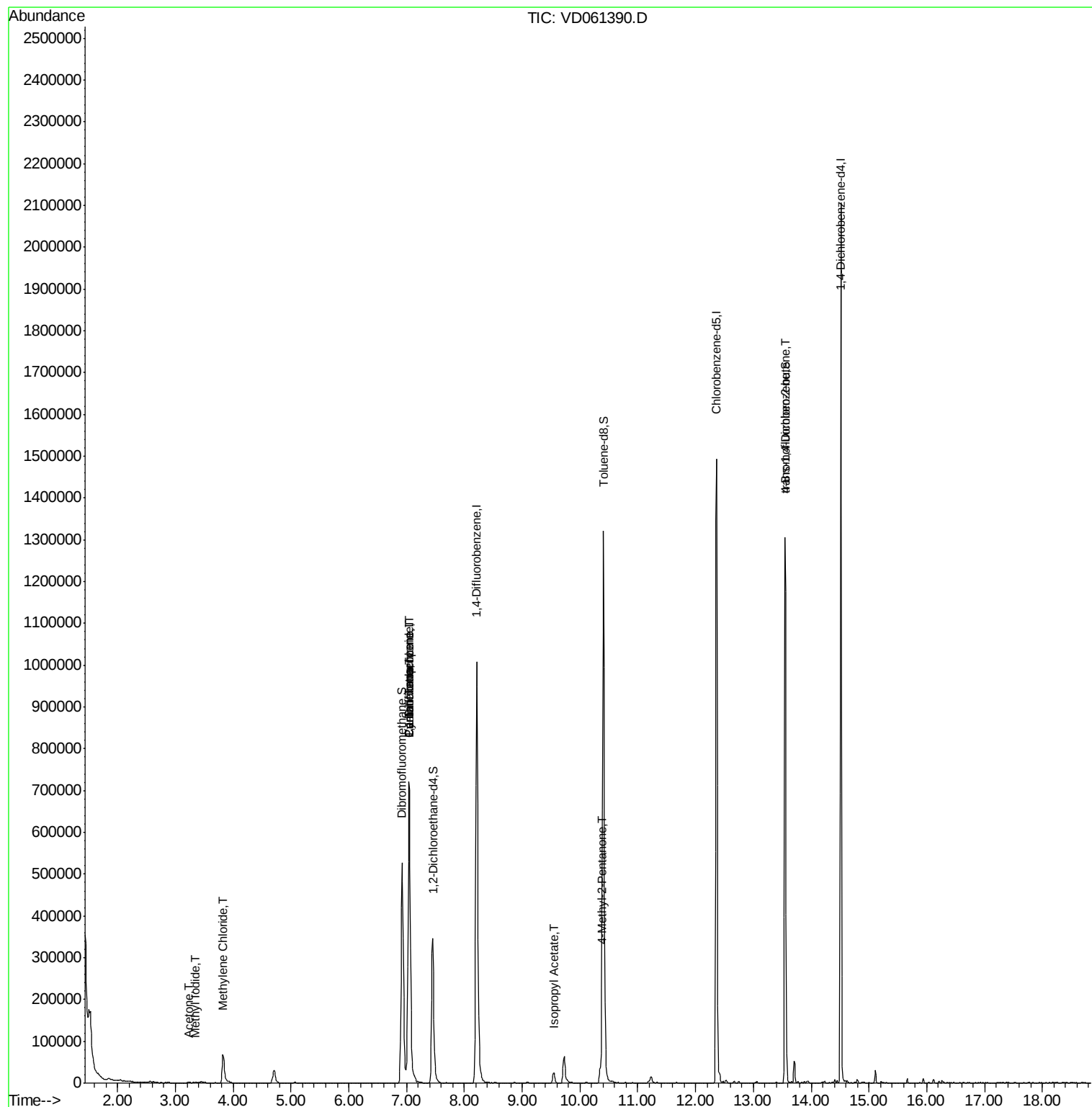
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	768507	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.21	114	1302862	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	995176	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	481079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	331974	50.57	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.14%	
35) Dibromofluoromethane	6.92	113	515699	51.80	ug/l	0.02
Spiked Amount 50.000			Recovery	=	103.60%	
50) Toluene-d8	10.41	98	1179505	49.39	ug/l	0.02
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	13.55	95	450338	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	3.34	142	3368	3.681	ug/l #	88
16) Acetone	3.22	43	3071	1.820	ug/l #	48
20) Methylene Chloride	3.82	84	54061	3.950	ug/l	95
31) Cyclohexane	7.05	56	14819	1.311	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	55611	4.891	ug/l #	44
38) Carbon Tetrachloride	7.04	117	74793	5.724	ug/l #	14
43) Isopropyl Acetate	9.55	43	20340	2.875	ug/l #	42
51) 4-Methyl-2-Pentanone	10.37	43	5808	1.349	ug/l	91
81) trans-1,4-Dichloro-2-buten	13.55	75	163741	77.278	ug/l #	18

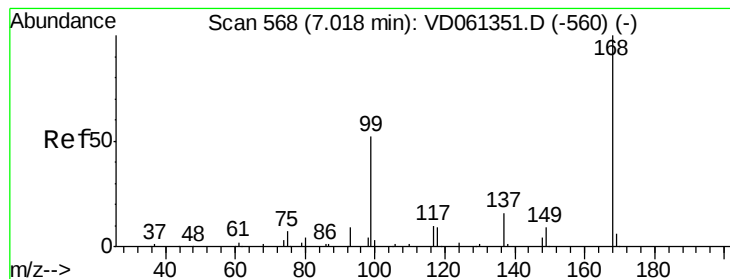
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032819\
Data File : VD061390.D
Acq On : 28 Mar 2019 14:40
Operator : VA/AP
Sample : VD0328SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

Quant Time: Mar 28 15:05:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061390.D

Acq: 28 Mar 2019 14:40

Instrument :

MSVOA_D

ClientSampleId :

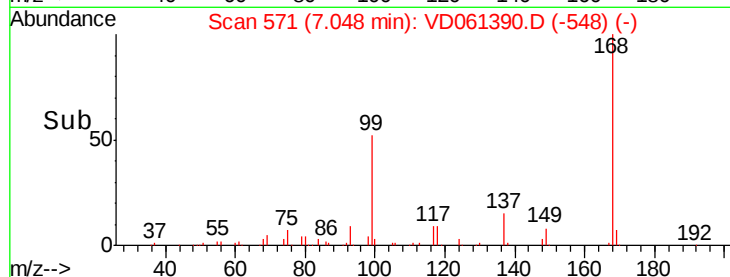
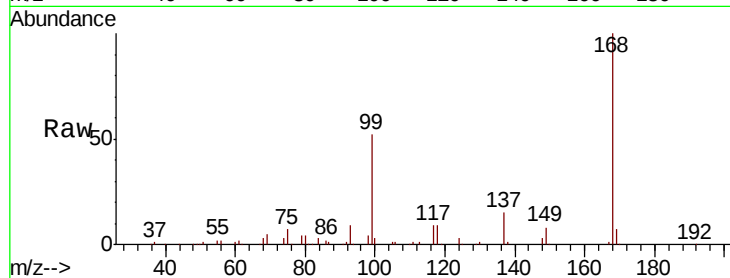
VD0328SBL01

Tgt Ion:168 Resp: 768507

Ion Ratio Lower Upper

168 100

99 52.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.05

250000

200000

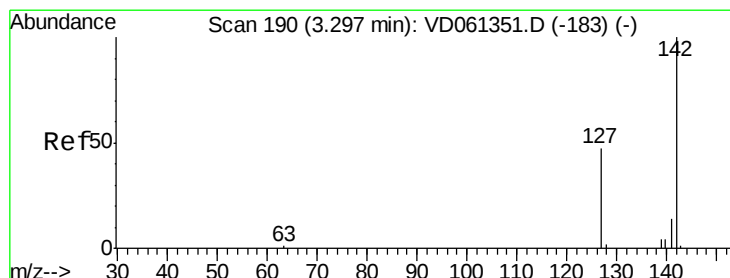
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 3.681 ug/l

RT: 3.34 min Scan# 194

Delta R.T. 0.04 min

Lab File: VD061390.D

Acq: 28 Mar 2019 14:40

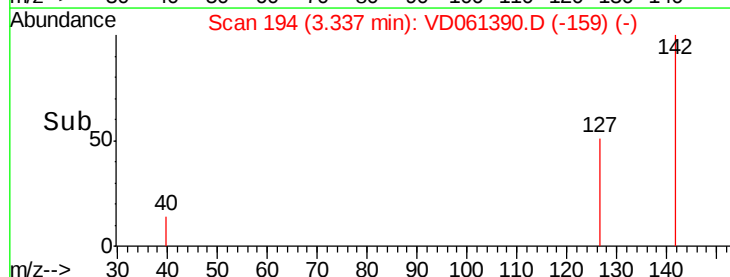
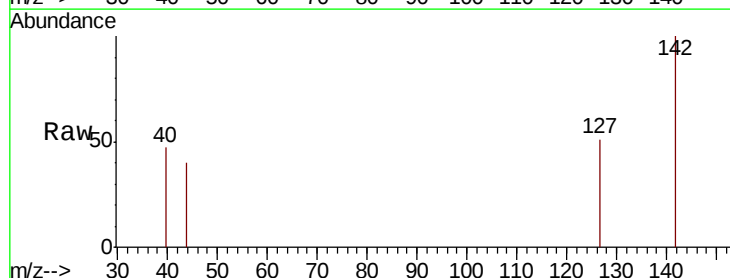
Tgt Ion:142 Resp: 3368

Ion Ratio Lower Upper

142 100

127 50.6 37.7 56.5

141 0.0 11.5 17.3#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

3.34

1000

500

0

Time-->



#16

Acetone

Concen: 1.820 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061390.D

Acq: 28 Mar 2019 14:40

Instrument :

MSVOA_D

ClientSampleId :

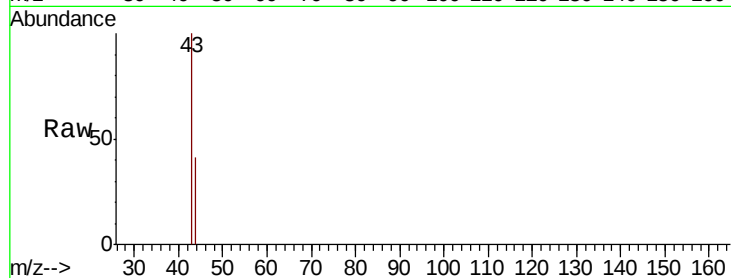
VD0328SBL01

Tgt Ion: 43 Resp: 3071

Ion Ratio Lower Upper

43 100

58 0.0 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

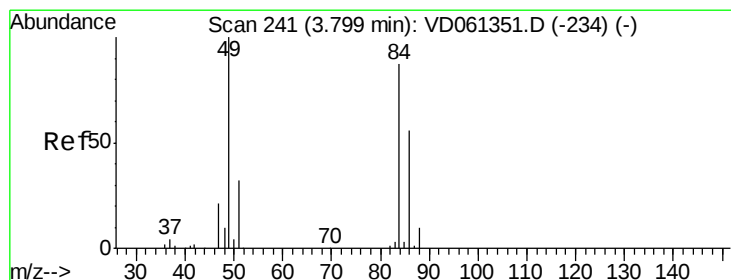
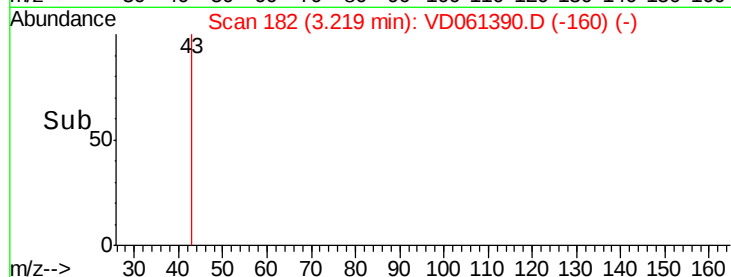
1500

1000

500

0

Time--> 3.15 3.20 3.25 3.30



#20

Methylene Chloride

Concen: 3.950 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD061390.D

Acq: 28 Mar 2019 14:40

Tgt Ion: 84 Resp: 54061

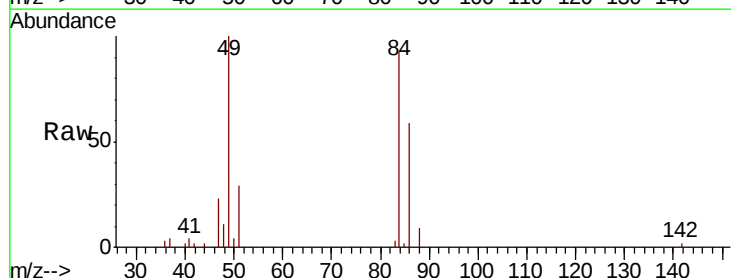
Ion Ratio Lower Upper

84 100

49 108.1 91.8 137.8

51 31.9 29.8 44.8

86 63.7 51.8 77.6



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

3.82

30000

25000

20000

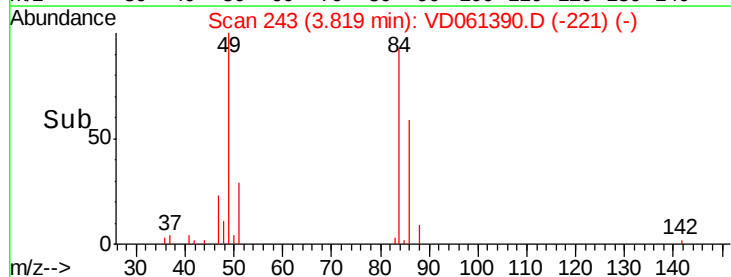
15000

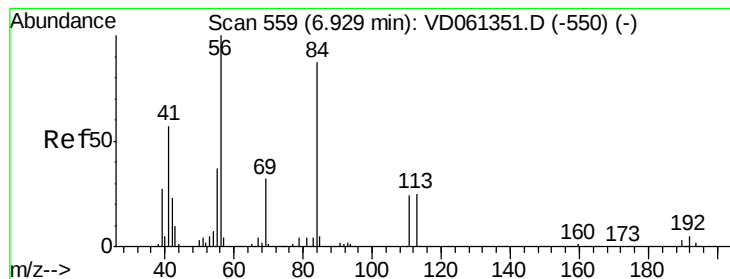
10000

5000

0

Time--> 3.70 3.80 3.90 4.00





#31

Cyclohexane

Concen: 1.311 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.12 min

Lab File: VD061390.D

Acq: 28 Mar 2019 14:40

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBL01

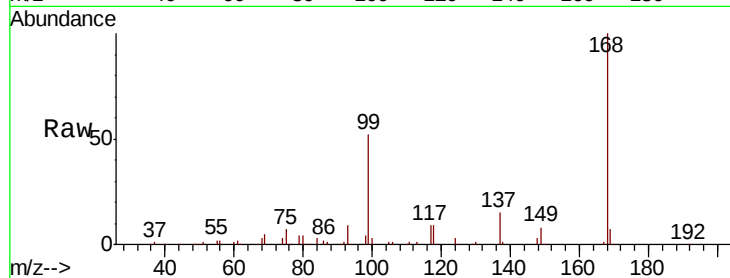
Tgt Ion: 56 Resp: 14819

Ion Ratio Lower Upper

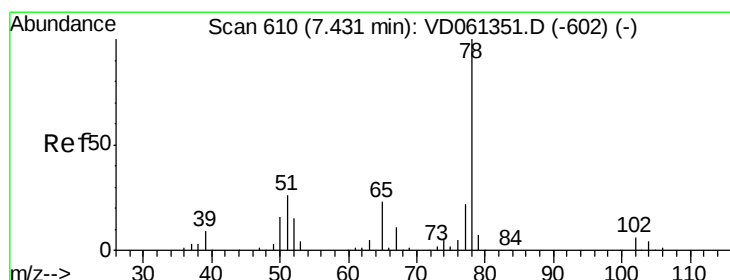
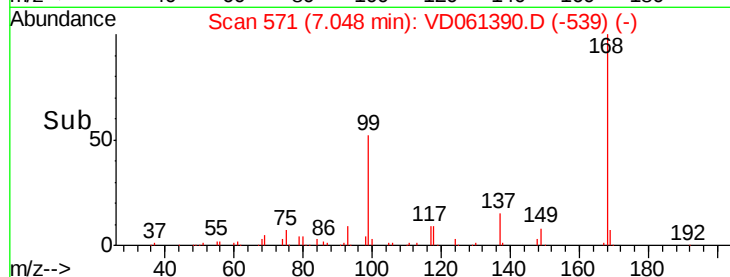
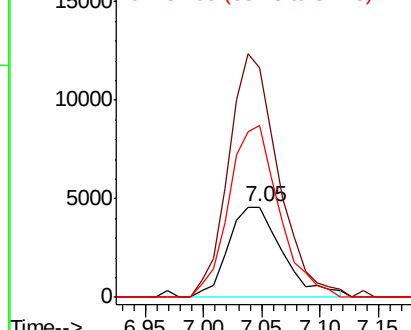
56 100

69 254.0 25.7 38.5#

84 190.3 70.6 105.8#



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. 0.02 min

Lab File: VD061390.D

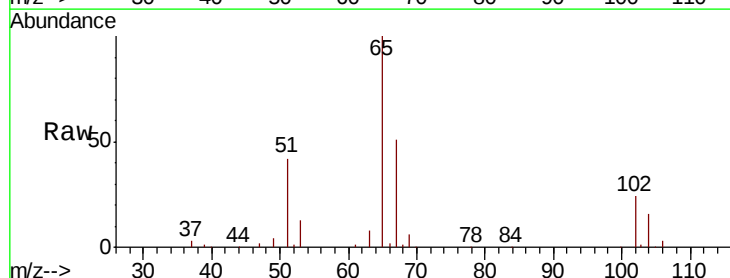
Acq: 28 Mar 2019 14:40

Tgt Ion: 65 Resp: 331974

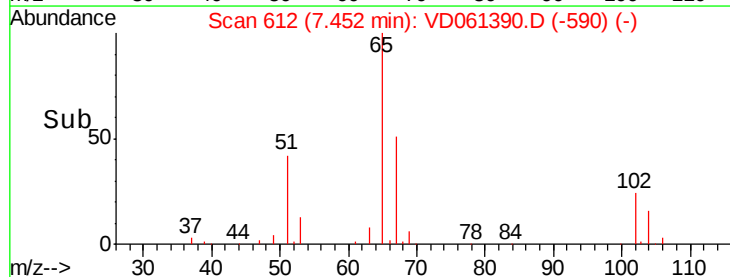
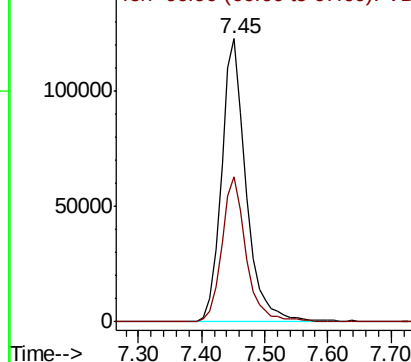
Ion Ratio Lower Upper

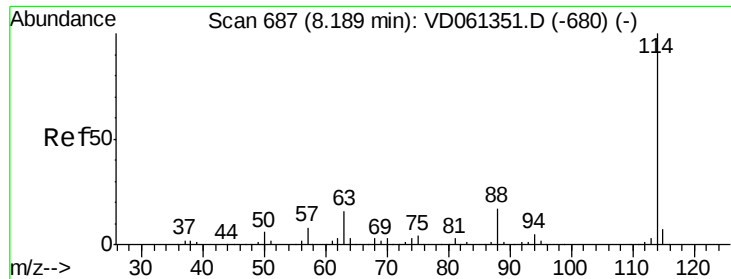
65 100

67 51.3 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

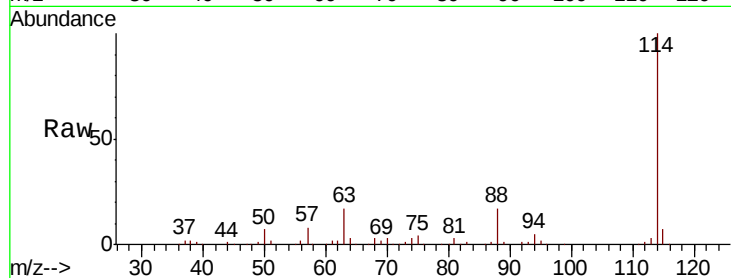




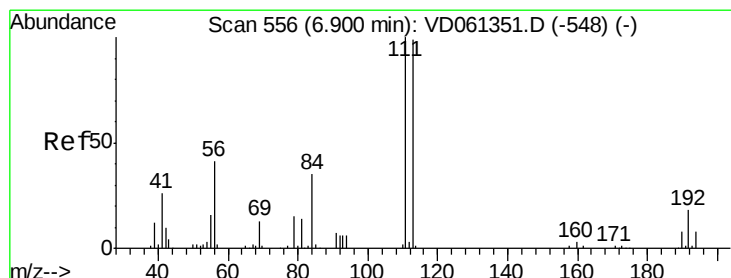
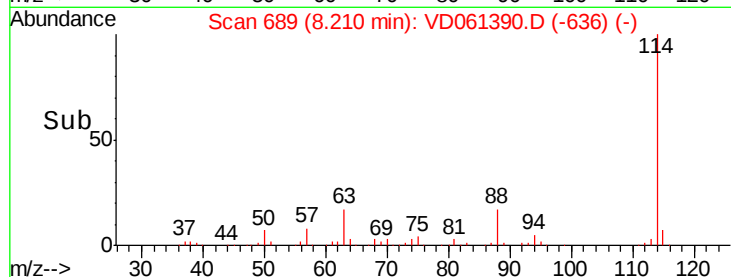
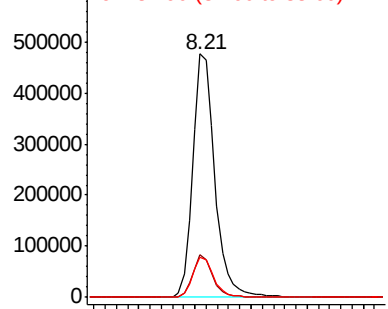
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061390.D
 Acq: 28 Mar 2019 14:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBL01

Tgt Ion:114 Resp: 1302862
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 31.6
 88 16.6 0.0 33.4

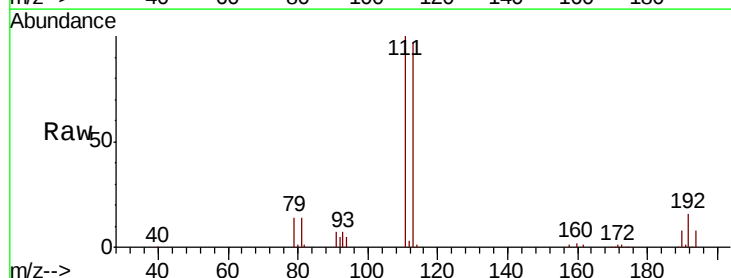


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

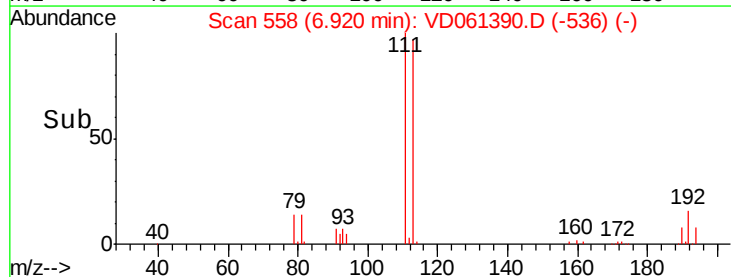
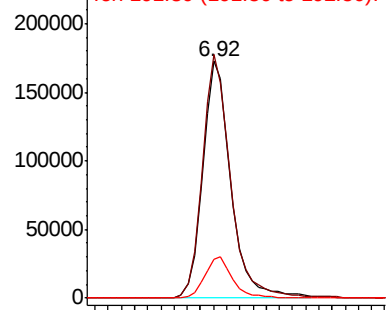


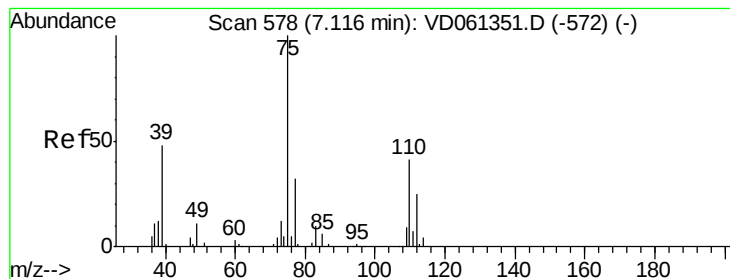
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061390.D
 Acq: 28 Mar 2019 14:40

Tgt Ion:113 Resp: 515699
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.6
 192 16.2 14.4 21.6



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: 4.891 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.08 min

Lab File: VD061390.D

Acq: 28 Mar 2019 14:40

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBL01

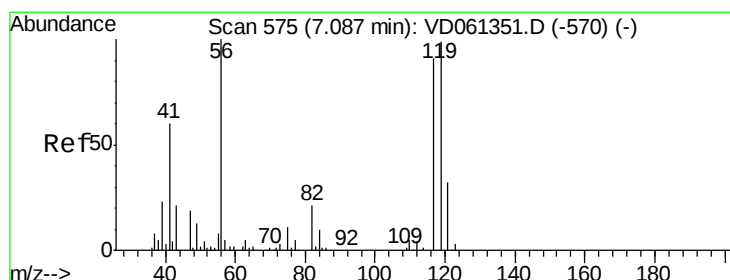
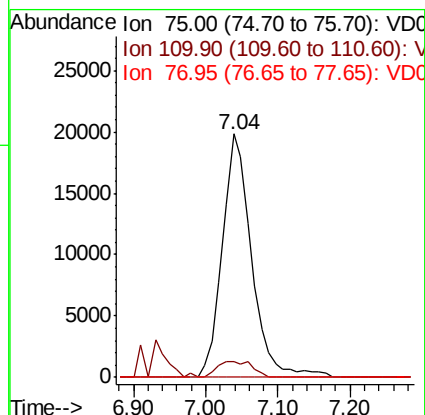
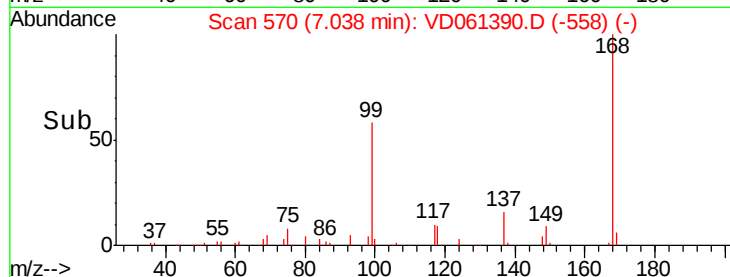
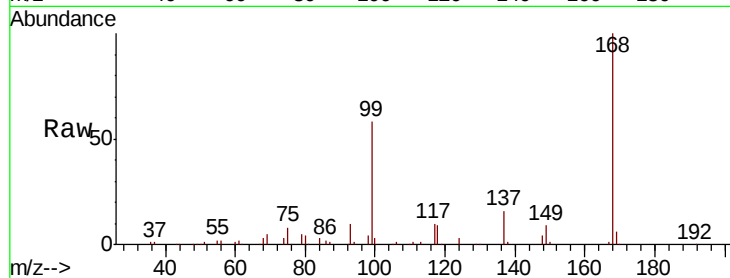
Tgt Ion: 75 Resp: 55611

Ion Ratio Lower Upper

75 100

110 6.3 20.4 61.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.724 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.05 min

Lab File: VD061390.D

Acq: 28 Mar 2019 14:40

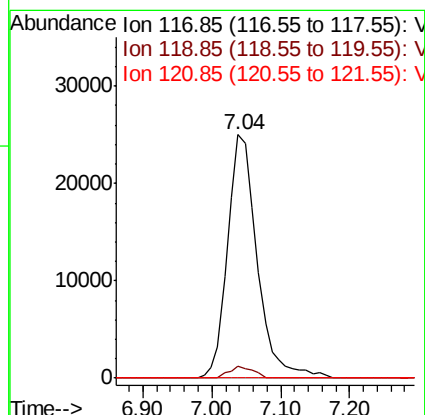
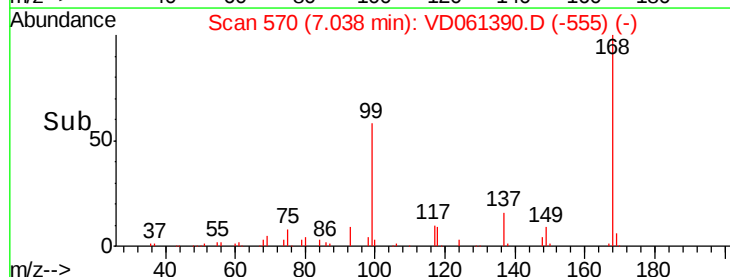
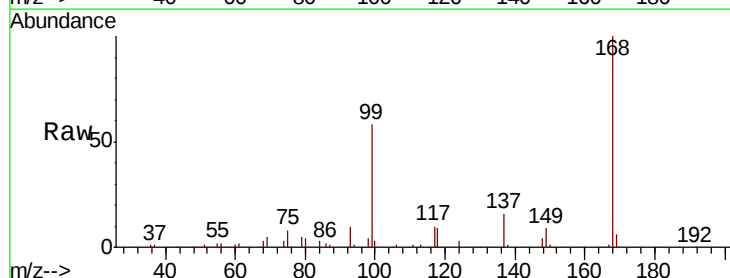
Tgt Ion: 117 Resp: 74793

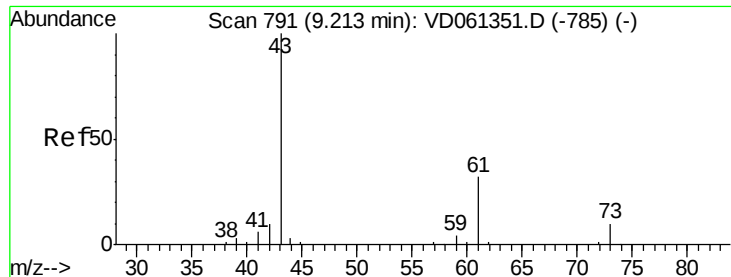
Ion Ratio Lower Upper

117 100

119 5.0 80.1 120.1#

121 0.0 25.6 38.4#

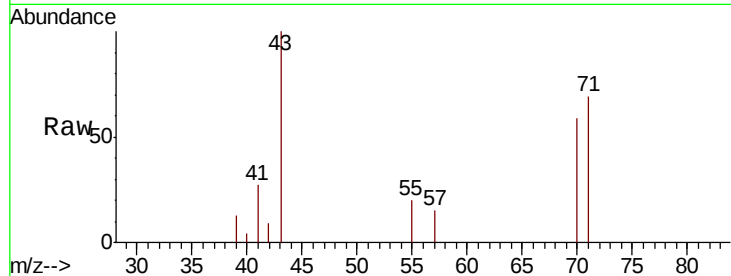




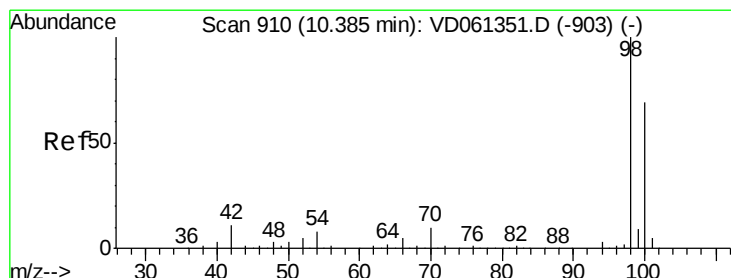
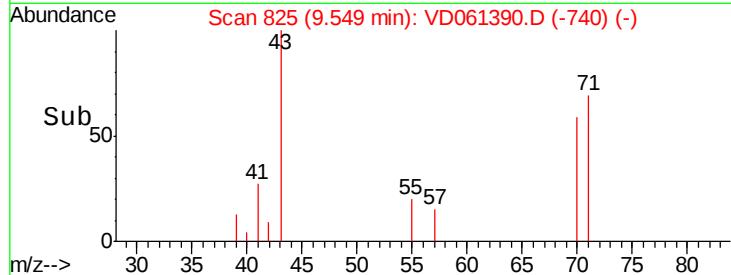
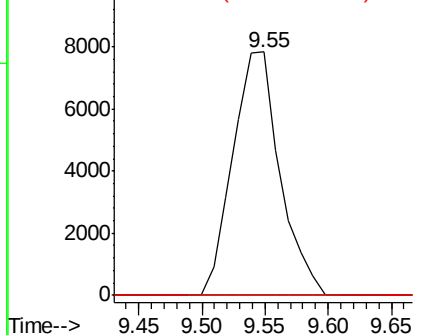
#43
Isopropyl Acetate
Concen: 2.875 ug/l
RT: 9.55 min Scan# 825
Delta R.T. 0.34 min
Lab File: VD061390.D
Acq: 28 Mar 2019 14:40

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

Tgt Ion: 43 Resp: 20340
Ion Ratio Lower Upper
43 100
61 0.0 25.8 38.6#
87 0.0 0.0 0.0

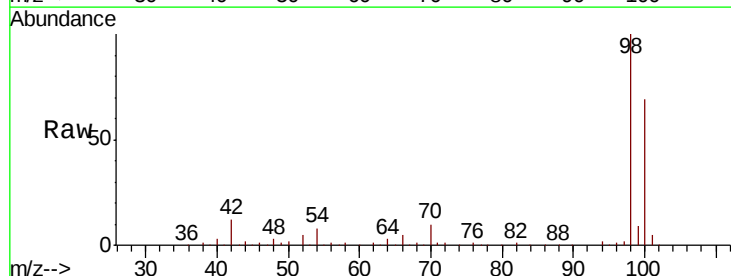


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC

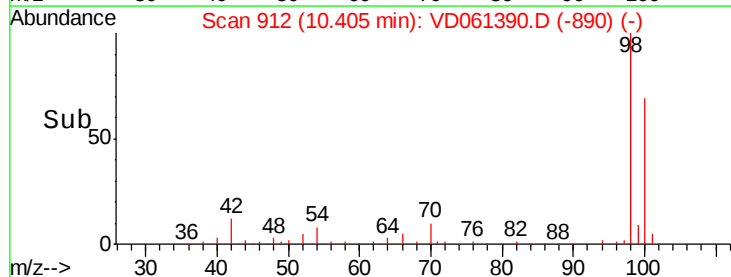
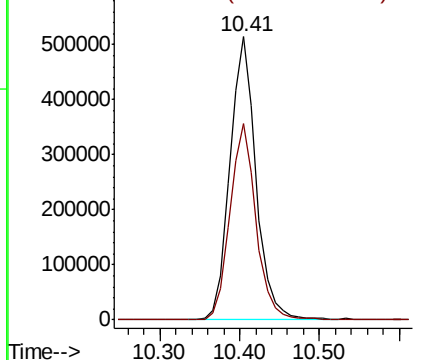


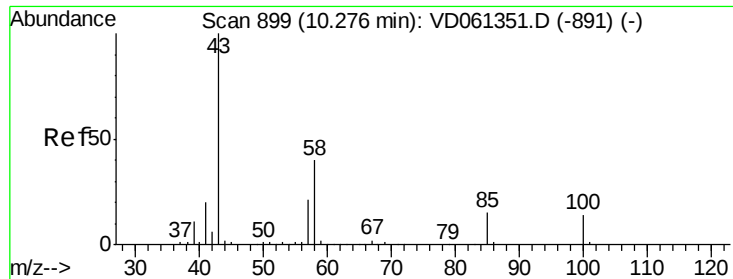
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061390.D
Acq: 28 Mar 2019 14:40

Tgt Ion: 98 Resp: 1179505
Ion Ratio Lower Upper
98 100
100 69.3 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 1.349 ug/l

RT: 10.37 min Scan# 908

Delta R.T. 0.09 min

Lab File: VD061390.D

Acq: 28 Mar 2019 14:40

Instrument :

MSVOA_D

ClientSampleId :

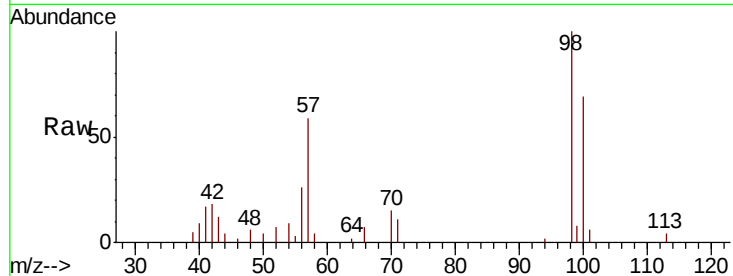
VD0328SBL01

Tgt Ion: 43 Resp: 5808

Ion Ratio Lower Upper

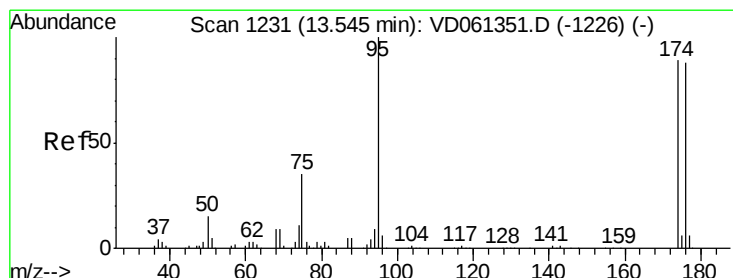
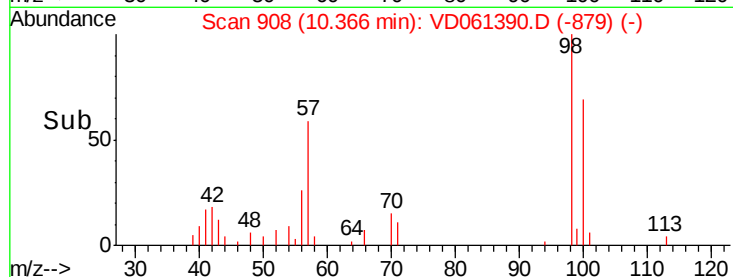
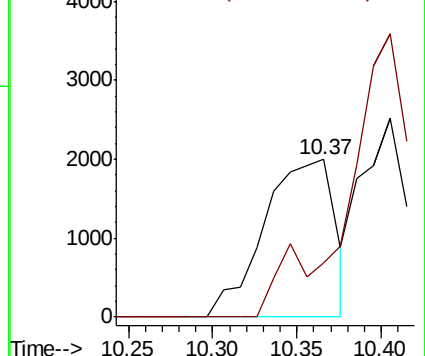
43 100

58 34.2 31.8 47.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VD061390.D

Acq: 28 Mar 2019 14:40

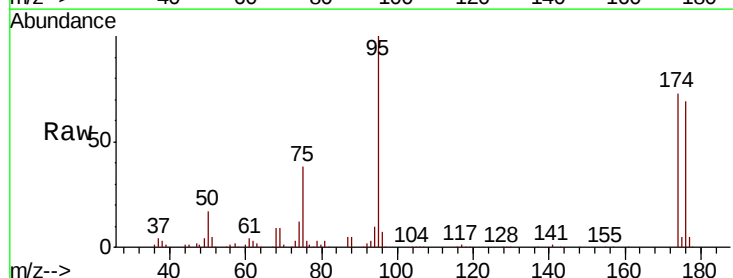
Tgt Ion: 95 Resp: 450338

Ion Ratio Lower Upper

95 100

174 72.6 0.0 178.0

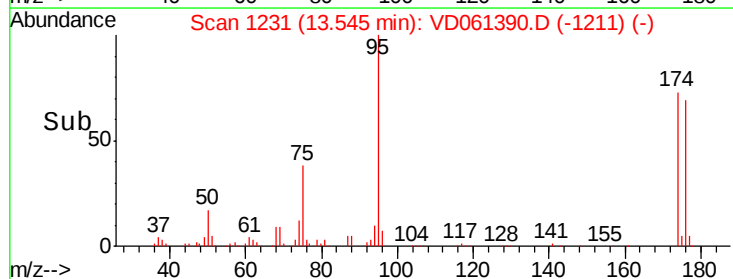
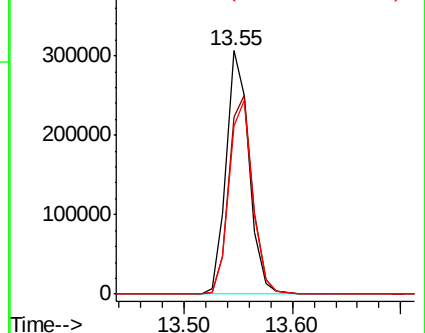
176 68.9 0.0 175.0

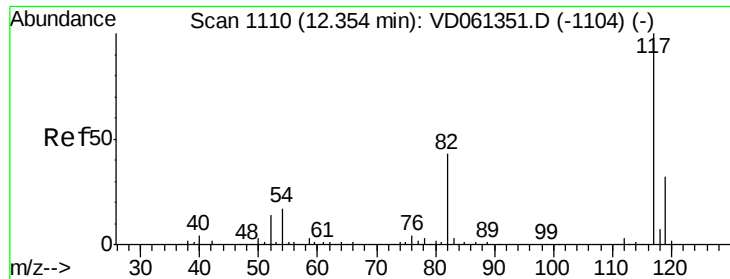


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

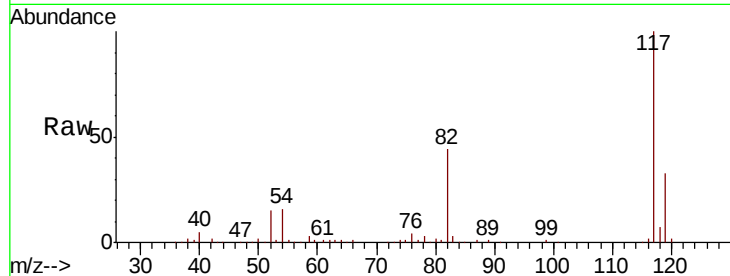




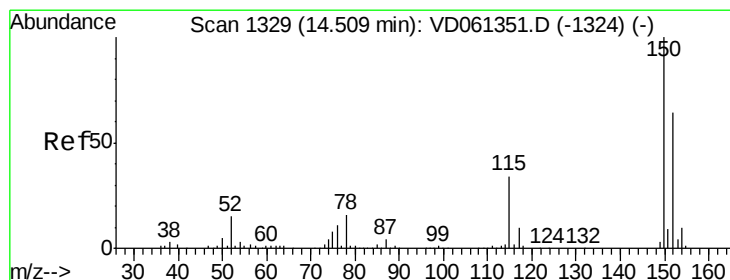
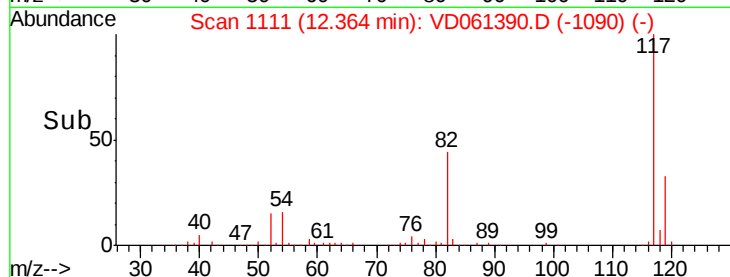
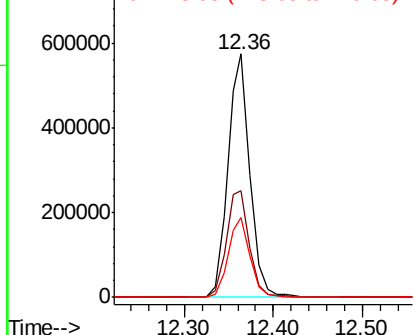
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061390.D
Acq: 28 Mar 2019 14:40

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

Tgt Ion:117 Resp: 995176
Ion Ratio Lower Upper
117 100
82 43.7 34.4 51.6
119 33.0 25.8 38.6

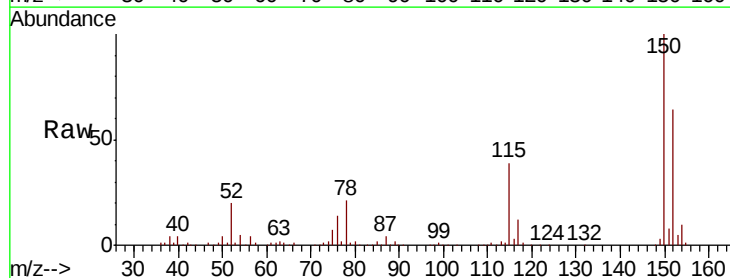


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

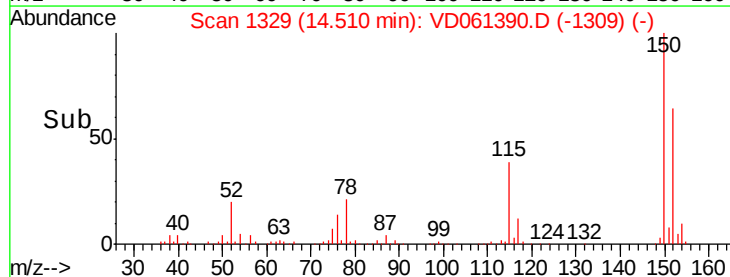
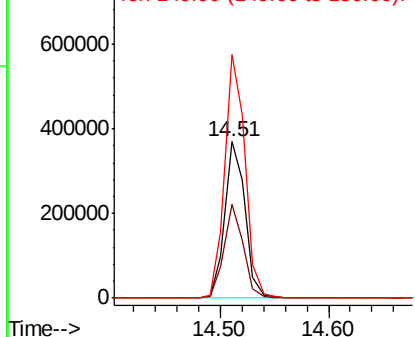


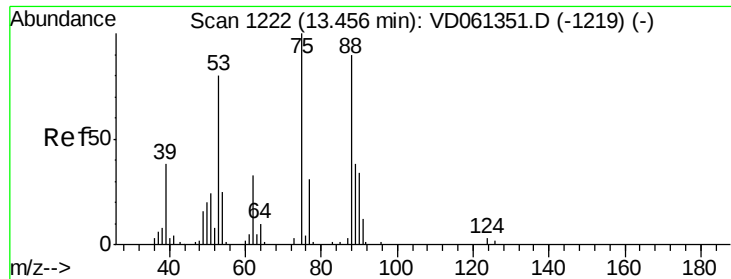
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VD061390.D
Acq: 28 Mar 2019 14:40

Tgt Ion:152 Resp: 481079
Ion Ratio Lower Upper
152 100
115 60.3 26.9 80.6
150 155.6 0.0 318.0



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: 77.278 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.09 min

Lab File: VD061390.D

Acq: 28 Mar 2019 14:40

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBL01

Tgt Ion: 75 Resp: 163741

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#

