

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061648.D
 Acq On : 8 Apr 2019 13:42
 Operator : VA/AP
 Sample : VD0408SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 09 01:14:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	708585	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1156143	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	938044	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	424377	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	264672	49.28	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.56%	
35) Dibromofluoromethane	6.94	113	386294	48.23	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	10.42	98	911769	45.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	90.62%	
62) 4-Bromofluorobenzene	13.56	95	371417	53.22	ug/l	0.01
Spiked Amount 50.000			Recovery	=	106.44%	

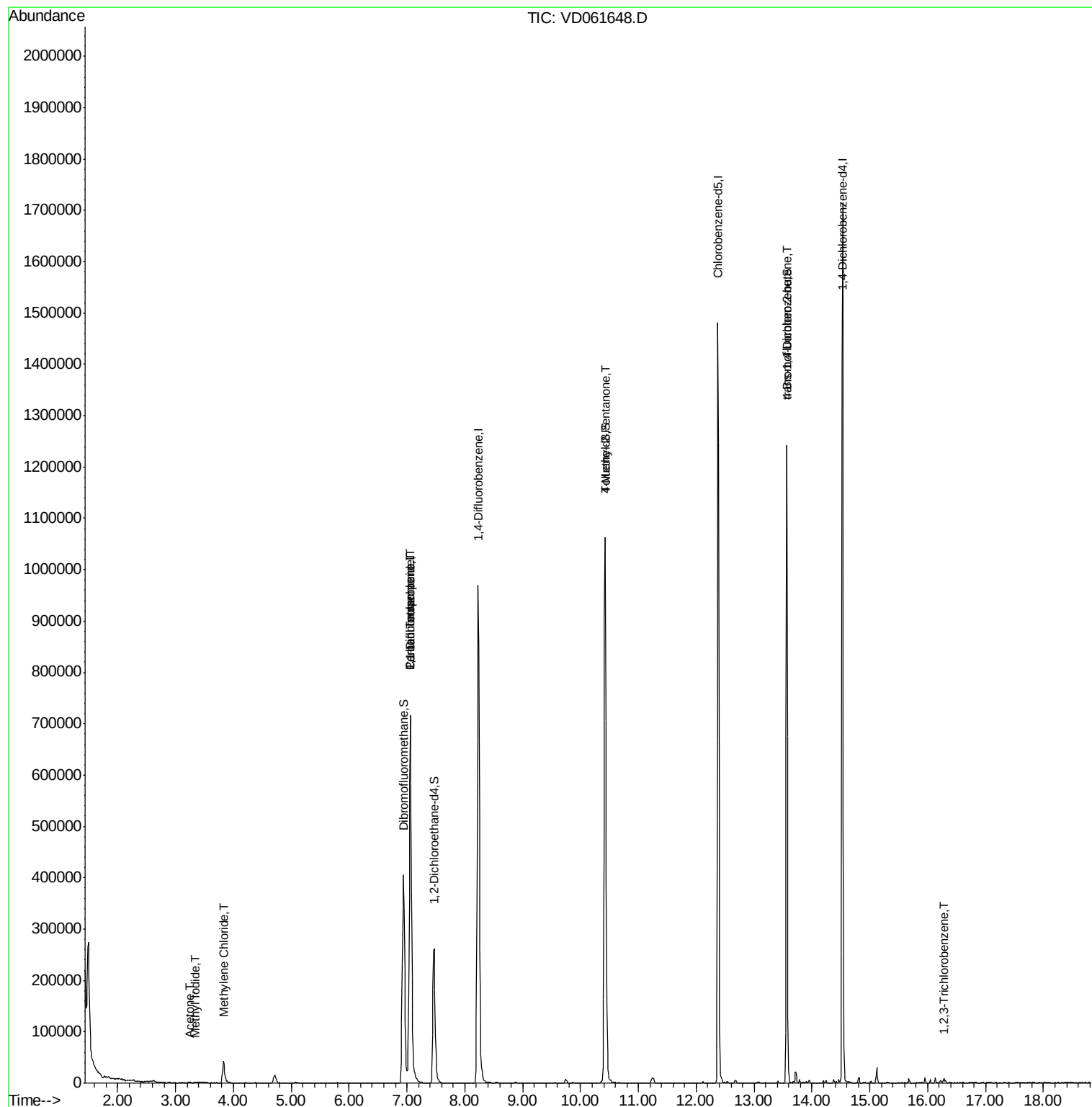
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.33	142	1709	3.778	ug/l #	38
16) Acetone	3.23	43	1967	1.225	ug/l #	51
20) Methylene Chloride	3.83	84	33198	3.644	ug/l	90
36) 1,1-Dichloropropene	7.06	75	50438	4.985	ug/l #	46
38) Carbon Tetrachloride	7.06	117	66689	5.624	ug/l #	15
51) 4-Methyl-2-Pentanone	10.42	43	4250	1.201	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.56	75	141032	80.496	ug/l #	20
96) 1,2,3-Trichlorobenzene	16.28	180	3233	1.092	ug/l	92

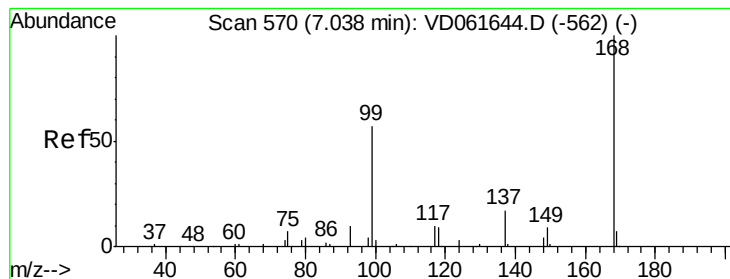
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040819\
Data File : VD061648.D
Acq On : 8 Apr 2019 13:42
Operator : VA/AP
Sample : VD0408SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 09 01:14:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD061648.D

Acq: 8 Apr 2019 13:42

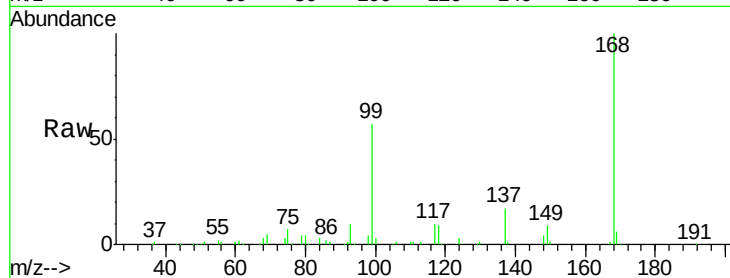
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 708585

Ion Ratio Lower Upper

168 100

99 56.7 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.06

250000

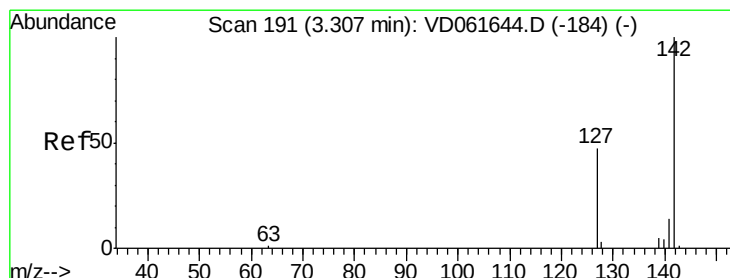
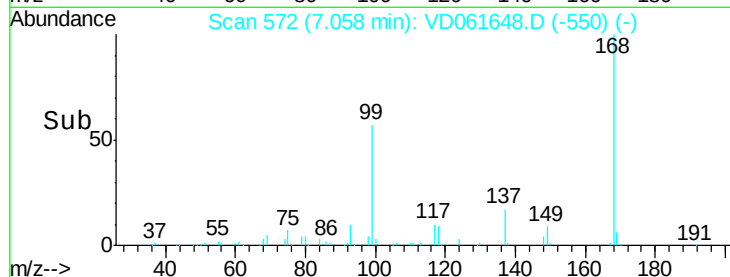
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 3.778 ug/l

RT: 3.33 min Scan# 193

Delta R.T. 0.02 min

Lab File: VD061648.D

Acq: 8 Apr 2019 13:42

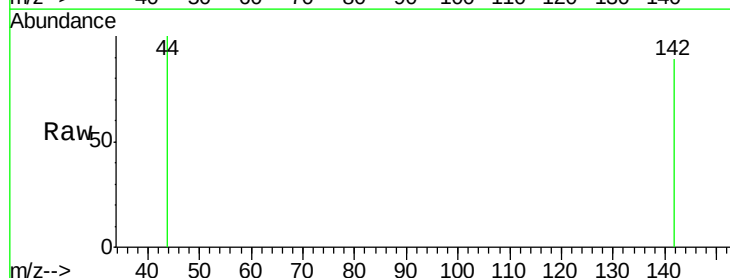
Tgt Ion:142 Resp: 1709

Ion Ratio Lower Upper

142 100

127 0.0 37.2 55.8#

141 0.0 10.8 16.2#



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

3.33

800

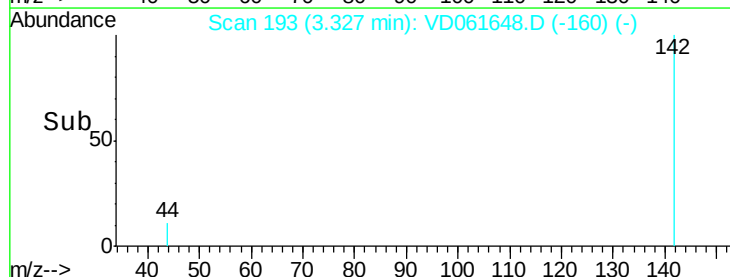
600

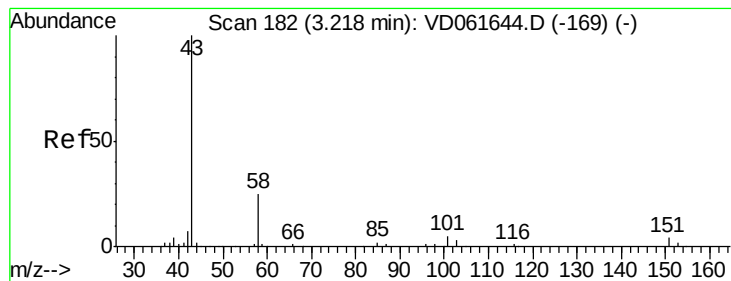
400

200

0

Time-->





#16

Acetone

Concen: 1.225 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061648.D

Acq: 8 Apr 2019 13:42

Instrument :

MSVOA_D

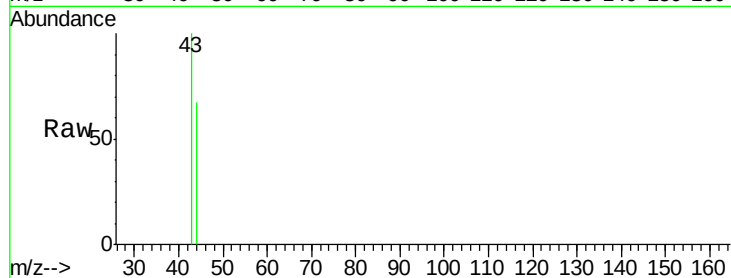
ClientSampleId :

Tot Ion: 43 Resp: 1967

Ion Ratio Lower Upper

43 100

58 0.0 19.7 29.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

800

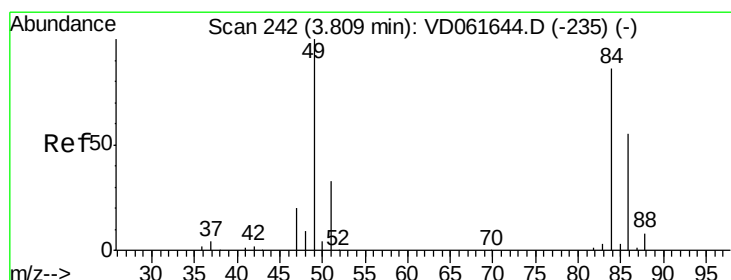
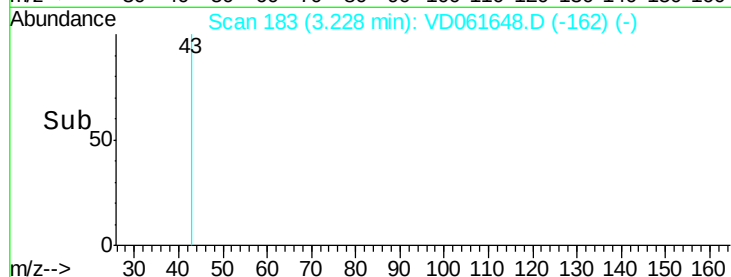
600

400

200

0

Time--> 3.15 3.20 3.25 3.30



#20

Methylene Chloride

Concen: 3.644 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061648.D

Acq: 8 Apr 2019 13:42

Tgt Ion: 84 Resp: 33198

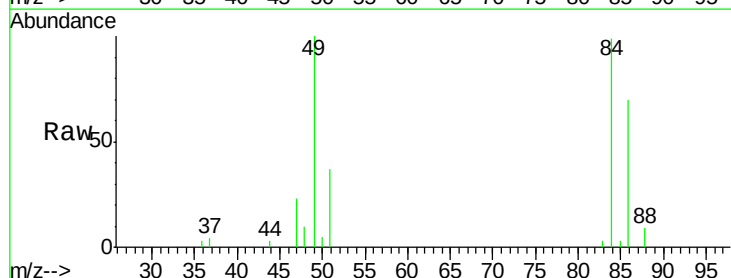
Ion Ratio Lower Upper

84 100

49 101.5 93.0 139.4

51 37.2 30.4 45.6

86 70.6 51.0 76.4



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

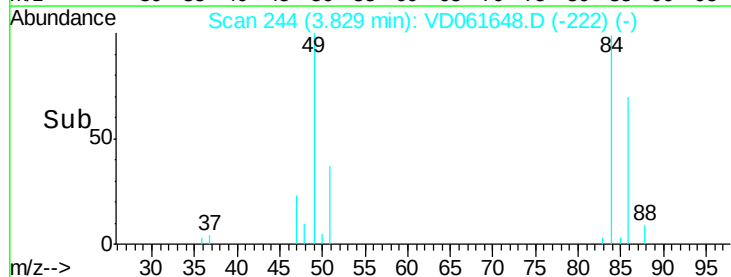
15000

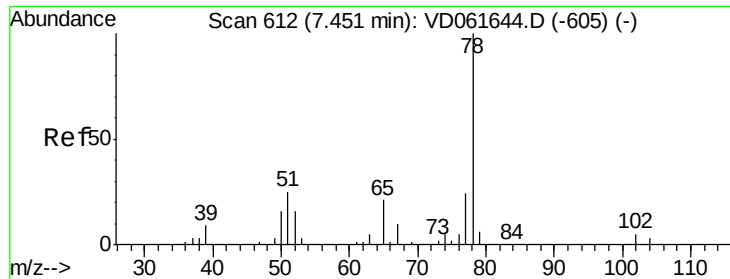
10000

5000

0

Time--> 3.70 3.80 3.90 4.00

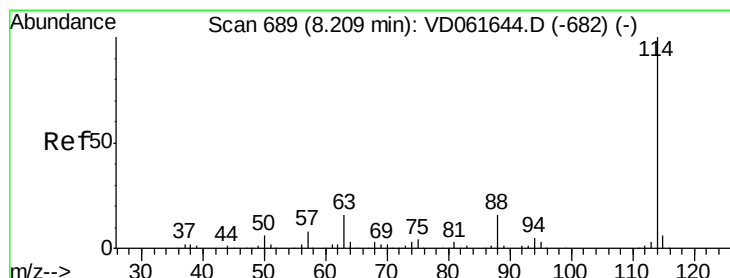
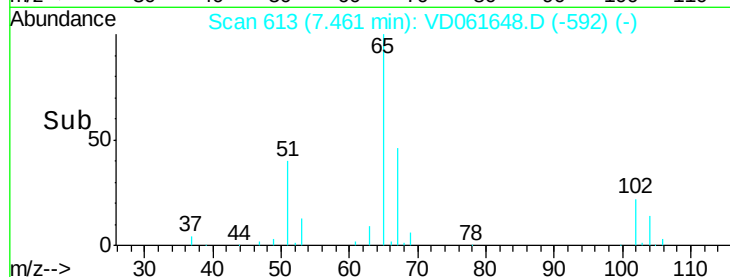
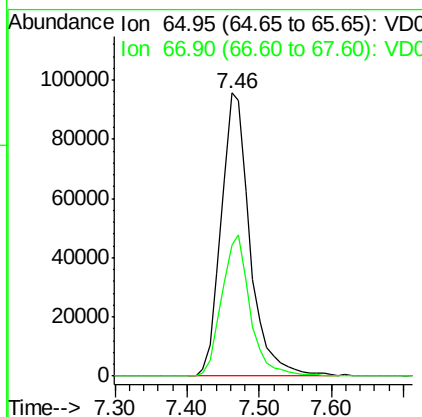
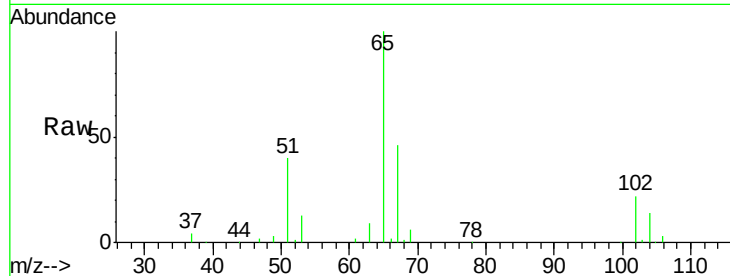




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD061648.D
 Acq: 8 Apr 2019 13:42

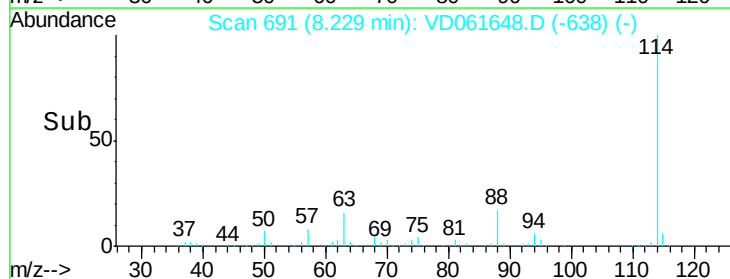
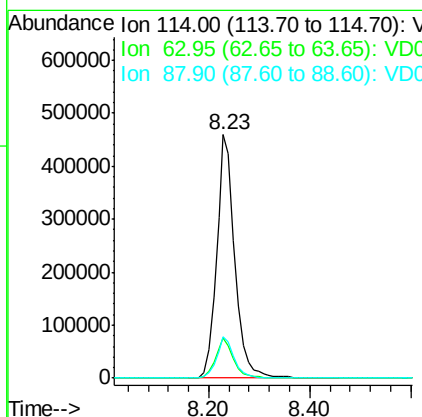
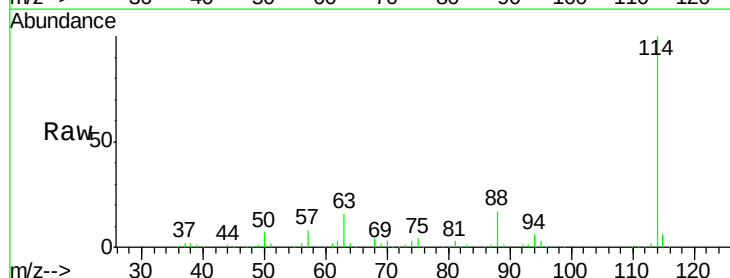
Instrument :
 MSVOA_D
 ClientSampleId :

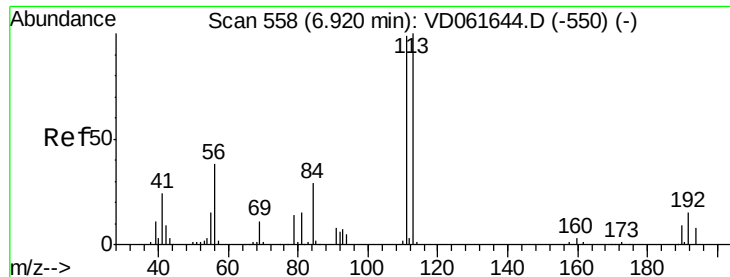
Tot Ion: 65 Resp: 264672
 Ion Ratio Lower Upper
 65 100
 67 46.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD061648.D
 Acq: 8 Apr 2019 13:42

Tgt Ion:114 Resp: 1156143
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 31.2
 88 17.1 0.0 31.8

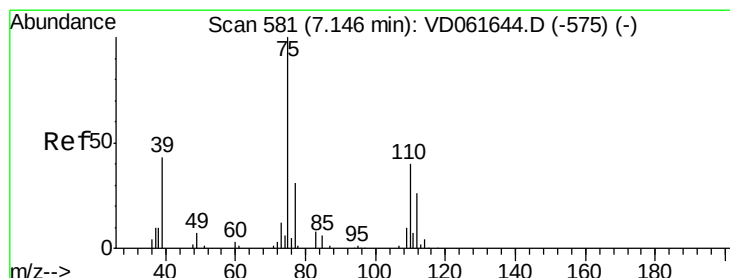
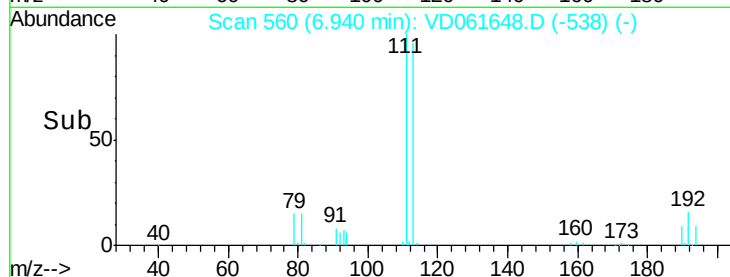
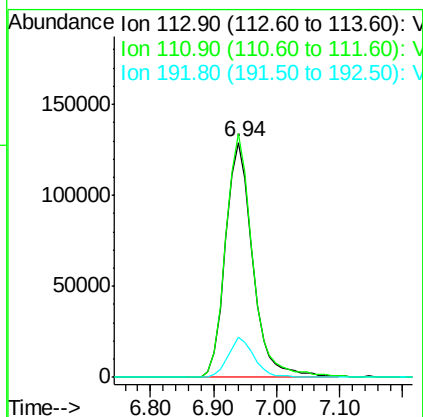
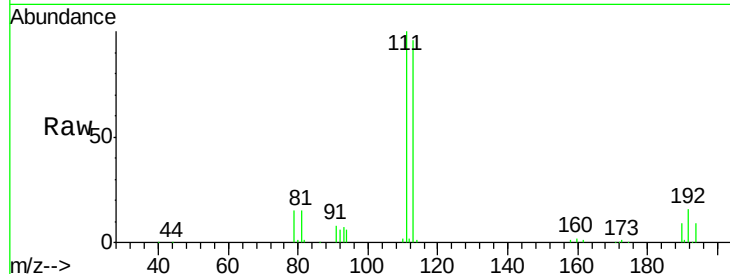




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.02 min
 Lab File: VD061648.D
 Acq: 8 Apr 2019 13:42

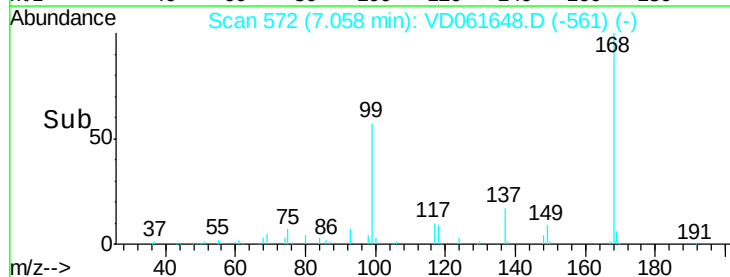
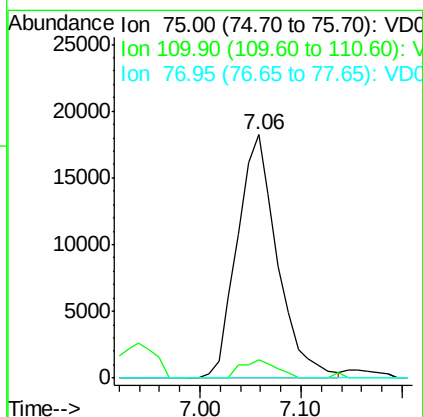
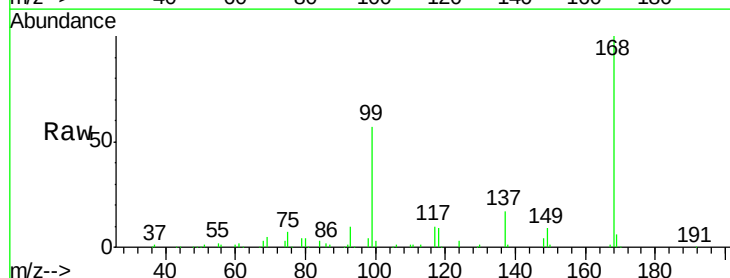
Instrument :
 MSVOA_D
 ClientSampleId :

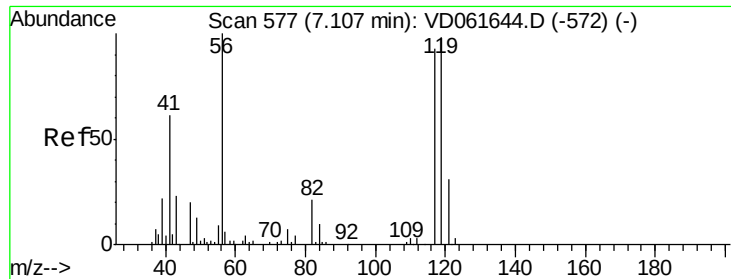
Tot Ion:113 Resp: 386294
 Ion Ratio Lower Upper
 113 100
 111 103.7 79.3 118.9
 192 17.1 12.3 18.5



#36
 1,1-Dichloropropene
 Concen: 4.985 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.09 min
 Lab File: VD061648.D
 Acq: 8 Apr 2019 13:42

Tgt Ion: 75 Resp: 50438
 Ion Ratio Lower Upper
 75 100
 110 7.6 19.7 59.0#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.624 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.05 min

Lab File: VD061648.D

Acq: 8 Apr 2019 13:42

Instrument :

MSVOA_D

ClientSampleId :

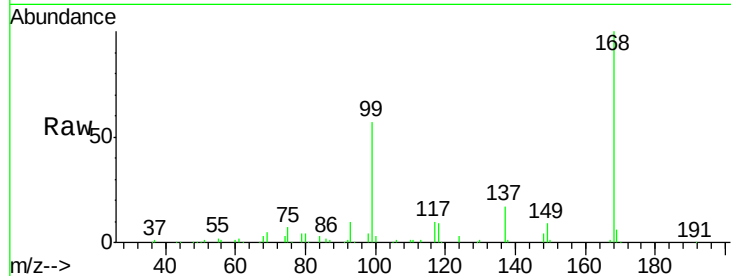
Tot Ion:117 Resp: 66689

Ion Ratio Lower Upper

117 100

119 4.6 77.9 116.9#

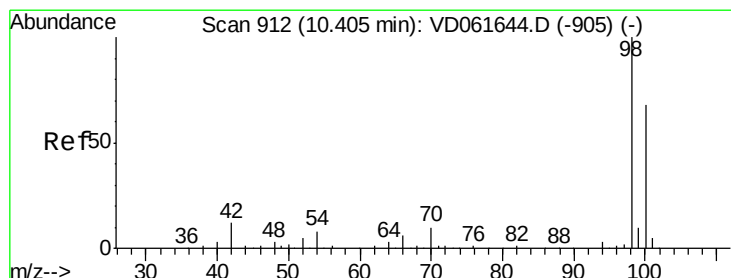
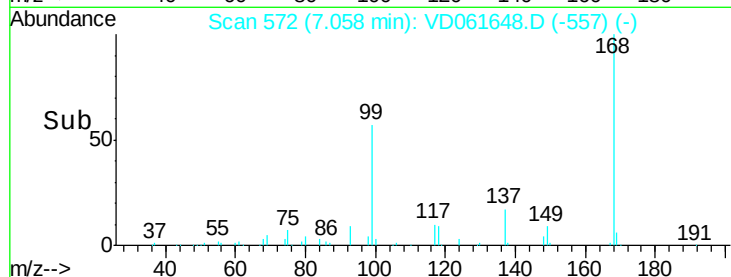
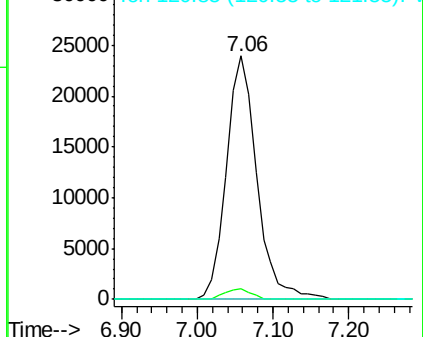
121 0.0 24.7 37.1#



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061648.D

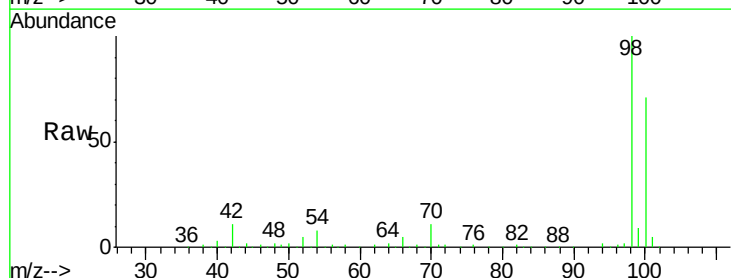
Acq: 8 Apr 2019 13:42

Tgt Ion: 98 Resp: 911769

Ion Ratio Lower Upper

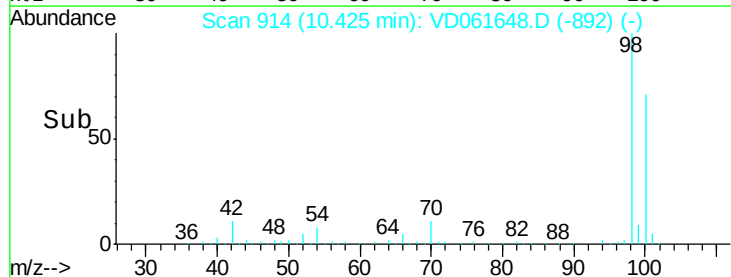
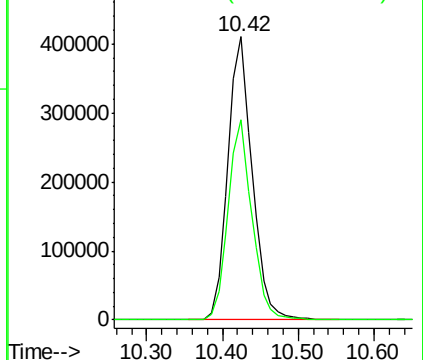
98 100

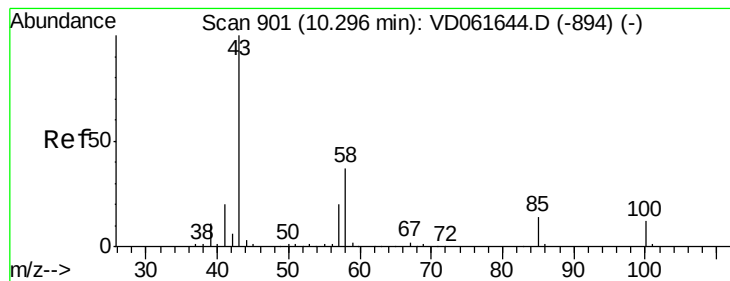
100 70.6 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.201 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.13 min

Lab File: VD061648.D

Acq: 8 Apr 2019 13:42

Instrument :

MSVOA_D

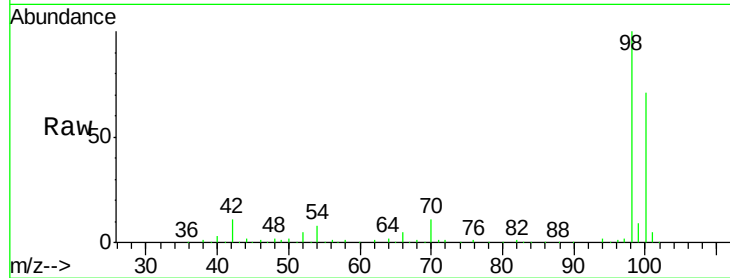
ClientSampleId :

Tot Ion: 43 Resp: 4250

Ion Ratio Lower Upper

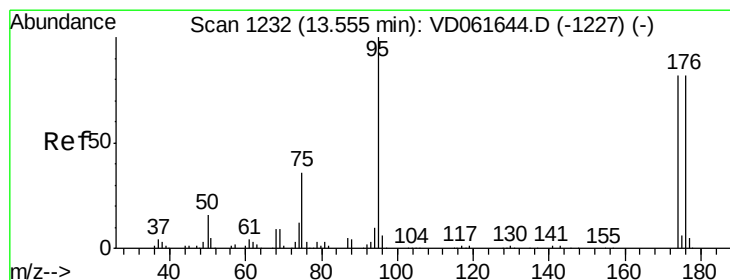
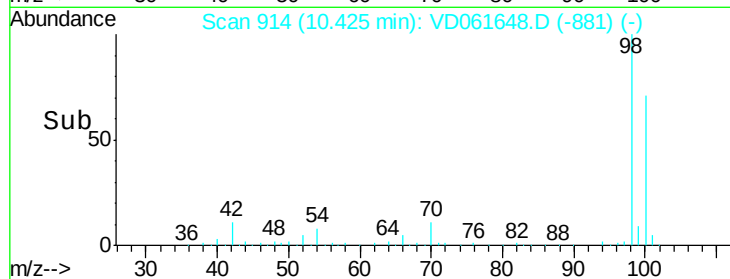
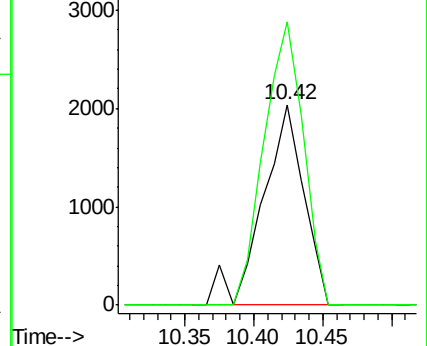
43 100

58 141.2 29.8 44.8#



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: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061648.D

Acq: 8 Apr 2019 13:42

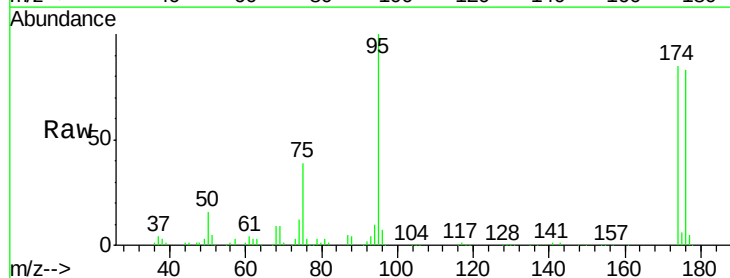
Tgt Ion: 95 Resp: 371417

Ion Ratio Lower Upper

95 100

174 85.0 0.0 164.6

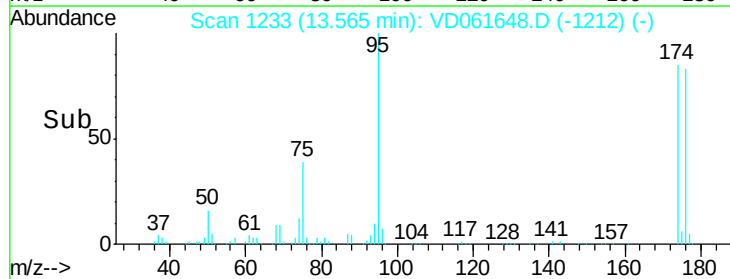
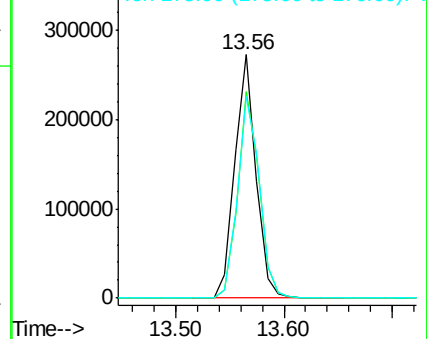
176 82.9 0.0 165.0

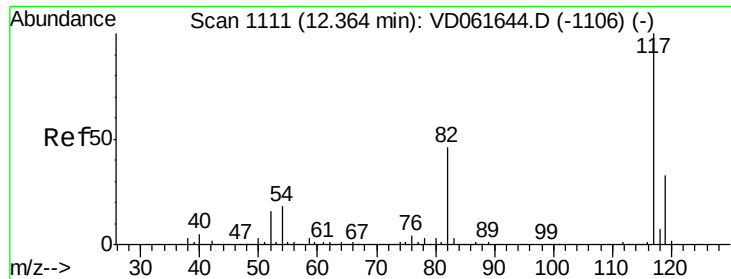


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

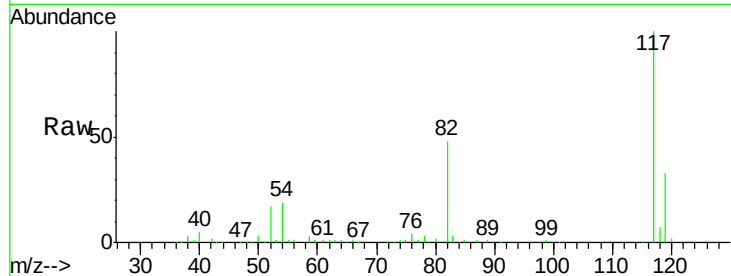




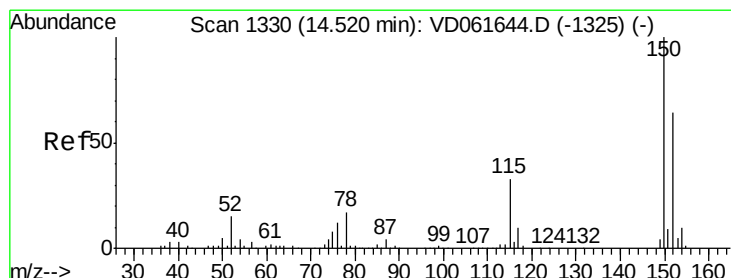
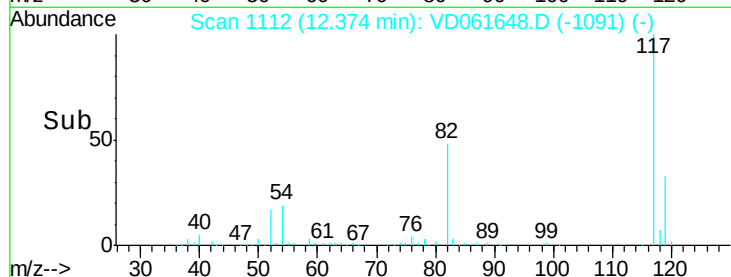
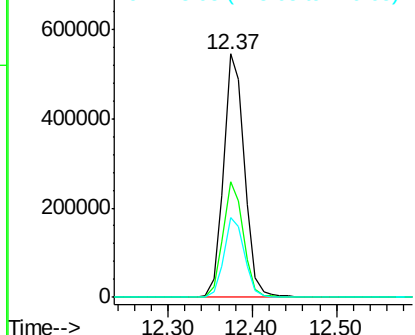
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061648.D
Acq: 8 Apr 2019 13:42

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 938044
Ion Ratio Lower Upper
117 100
82 47.6 36.8 55.2
119 32.7 26.1 39.1

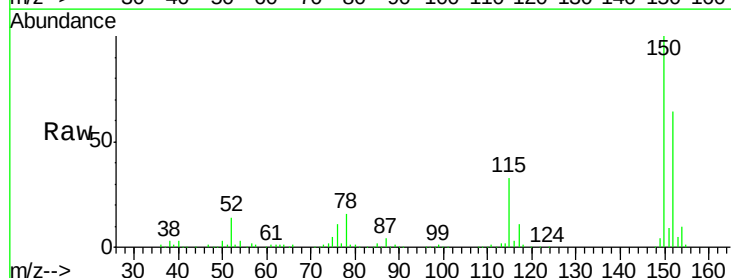


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

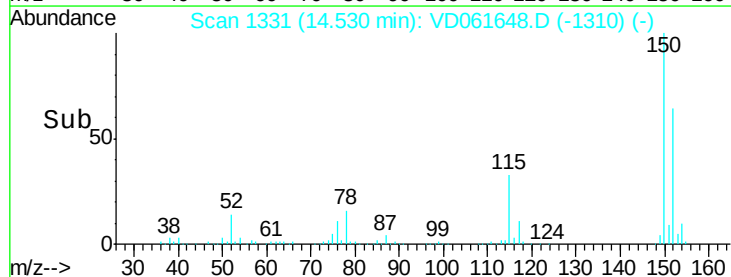
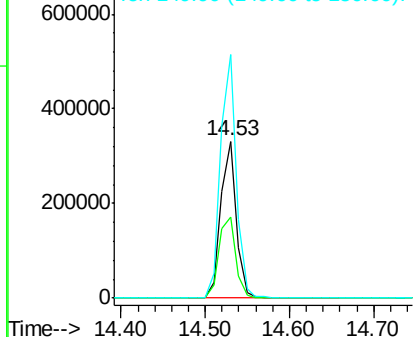


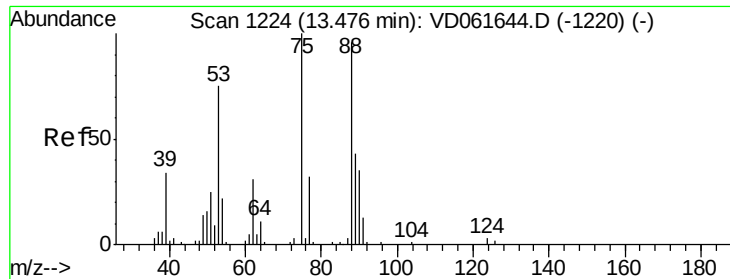
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061648.D
Acq: 8 Apr 2019 13:42

Tgt Ion:152 Resp: 424377
Ion Ratio Lower Upper
152 100
115 51.8 26.4 79.2
150 155.1 0.0 320.6



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

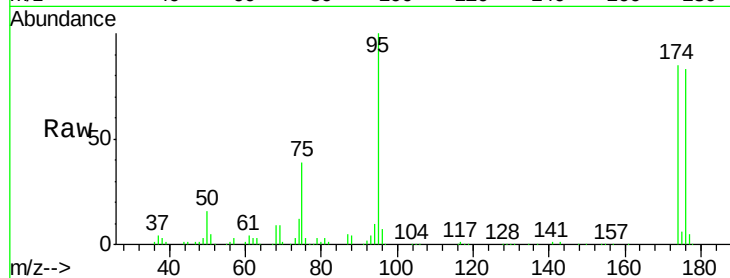




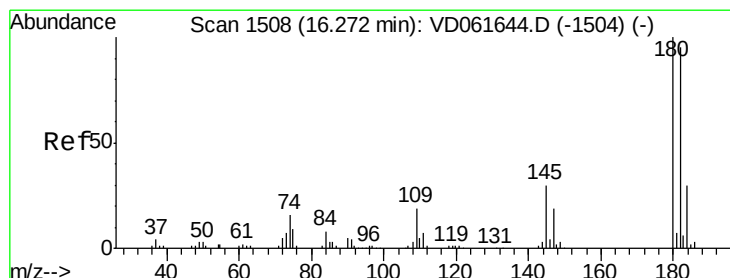
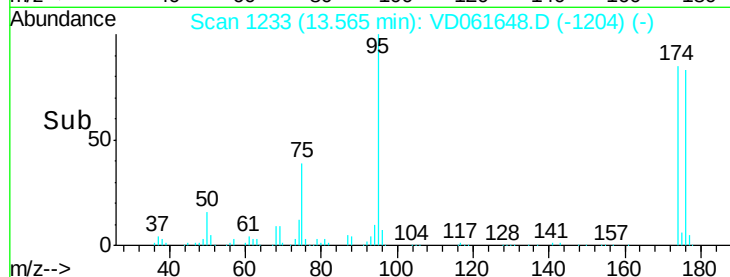
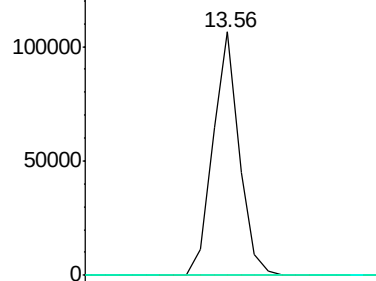
#81
trans-1,4-Dichloro-2-butene
Concen: 80.496 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD061648.D
Acq: 8 Apr 2019 13:42

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 141032
Ion Ratio Lower Upper
75 100
53 0.0 60.2 90.2#
89 0.0 34.2 51.2#

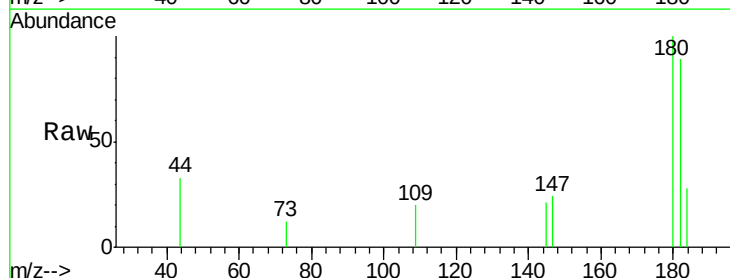


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#96
1,2,3-Trichlorobenzene
Concen: 1.092 ug/l
RT: 16.28 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VD061648.D
Acq: 8 Apr 2019 13:42

Tgt Ion:180 Resp: 3233
Ion Ratio Lower Upper
180 100
182 88.9 47.3 142.0
145 21.4 15.1 45.3



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

