

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061309.D
 Acq On : 25 Mar 2019 18:34
 Operator : VA/AP
 Sample : K2043-15
 Misc : 6.66g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB433-190319-FD-(23-25)

Quant Time: Mar 26 05:36:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 03:31:57 2019
 Response via : Initial Calibration

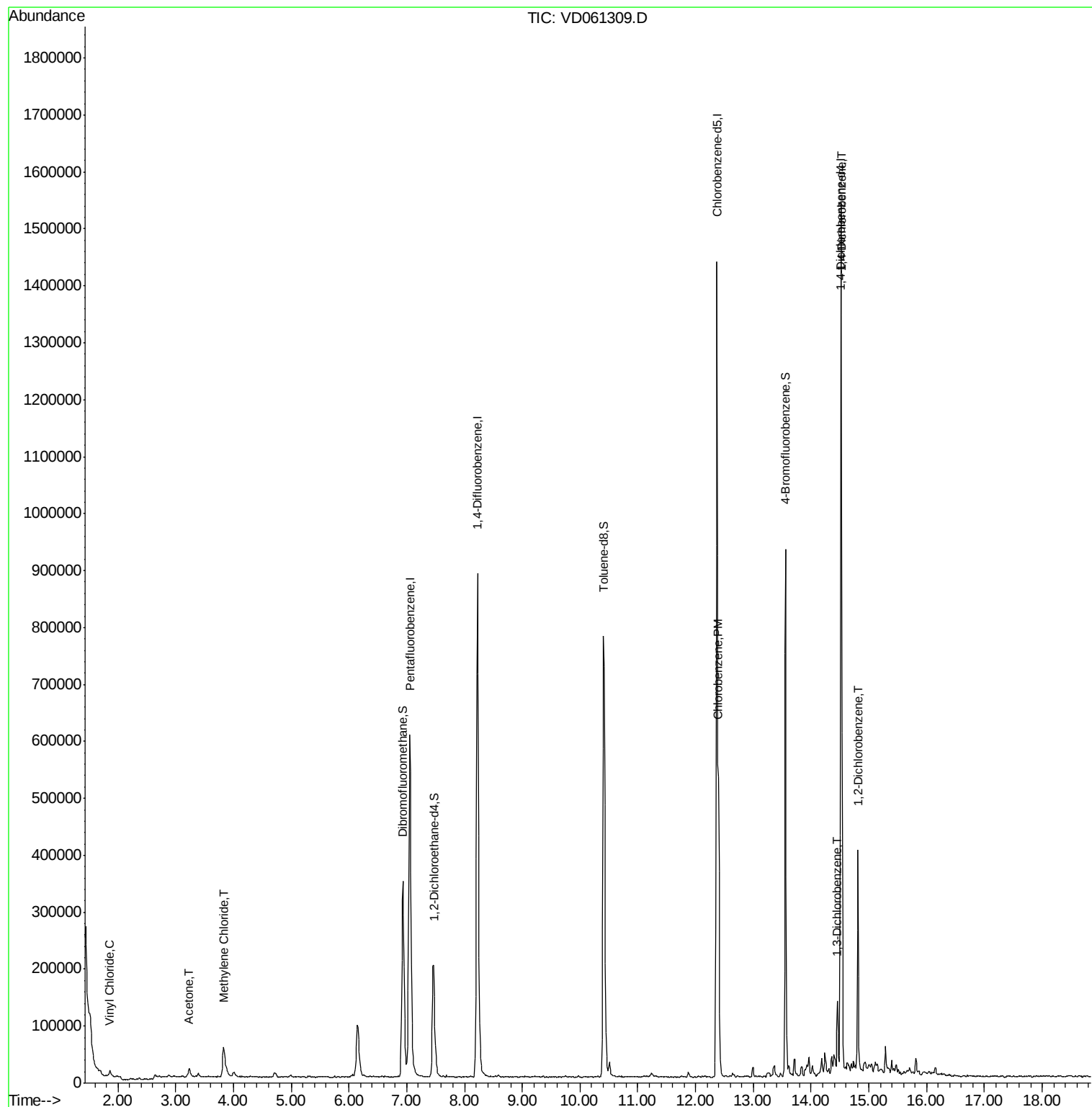
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	647402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1089048	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	866300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	376483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	196178	35.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.24%	
35) Dibromofluoromethane	6.93	113	338112	40.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.14%	
50) Toluene-d8	10.41	98	742595	36.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.50%	
62) 4-Bromofluorobenzene	13.56	95	302914	38.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.86%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.86	62	11323	2.345	ug/l	96
16) Acetone	3.23	43	28759	21.526	ug/l	95
20) Methylene Chloride	3.83	84	43944	5.795	ug/l	98
65) Chlorobenzene	12.40	112	284947	17.858	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	43112	3.556	ug/l	95
88) 1,4-Dichlorobenzene	14.53	146	97447	8.297	ug/l	94
91) 1,2-Dichlorobenzene	14.81	146	128526	13.285	ug/l	98

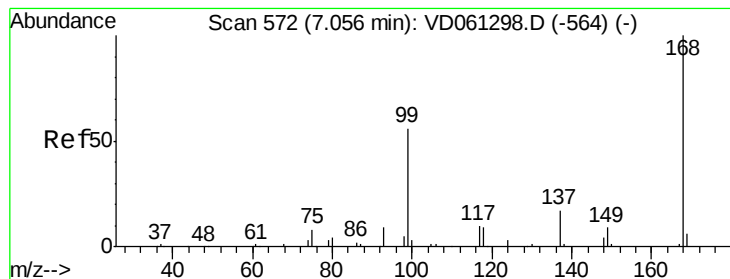
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032519\
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Quant Title : SW846 8260
QLast Update : Tue Mar 26 03:31:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD061309.D

Acq: 25 Mar 2019 18:34

Instrument :

MSVOA_D

ClientSampleId :

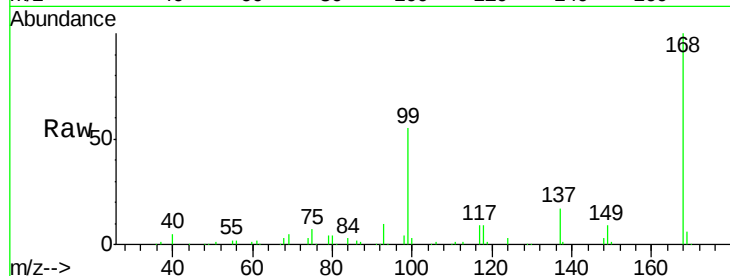
WP022SB433-190319-FD-(23-25)

Tot Ion:168 Resp: 647402

Ion Ratio Lower Upper

168 100

99 55.0 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

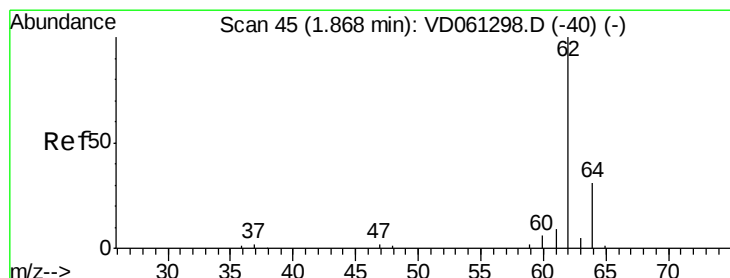
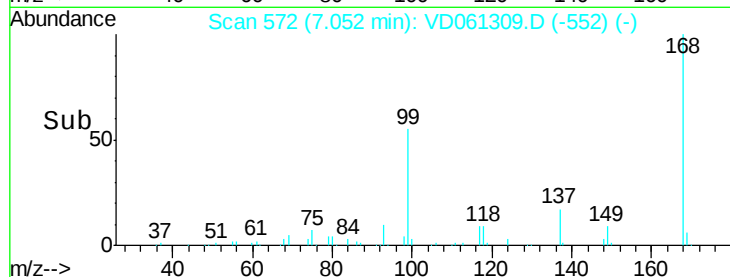
100000

50000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#4

Vinyl Chloride

Concen: 2.345 ug/l

RT: 1.86 min Scan# 45

Delta R.T. -0.00 min

Lab File: VD061309.D

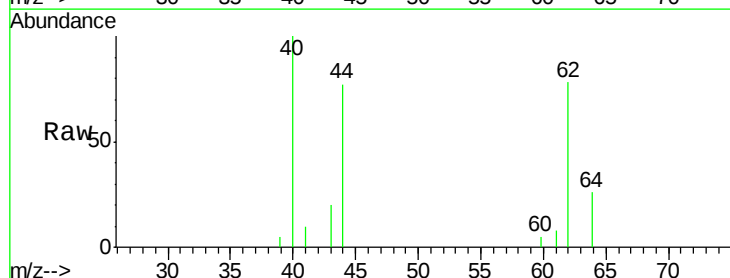
Acq: 25 Mar 2019 18:34

Tgt Ion: 62 Resp: 11323

Ion Ratio Lower Upper

62 100

64 33.6 25.1 37.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.86

6000

5000

4000

3000

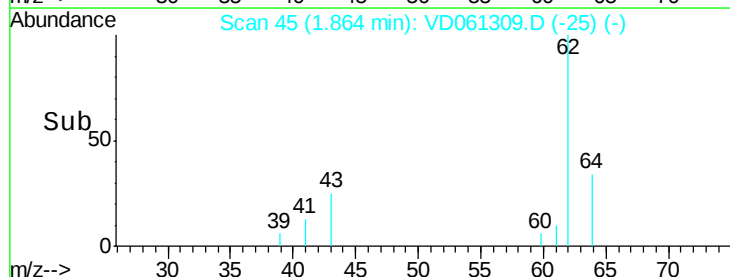
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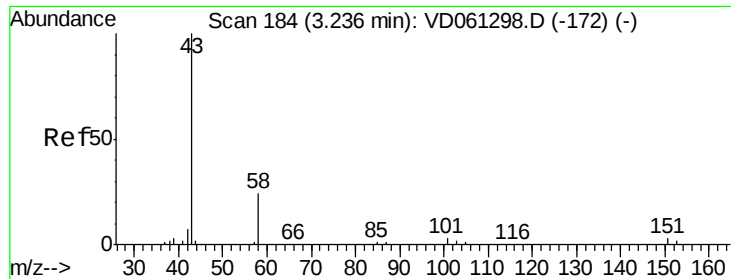
1000

0

Time-->

1.80 1.85 1.90 1.95

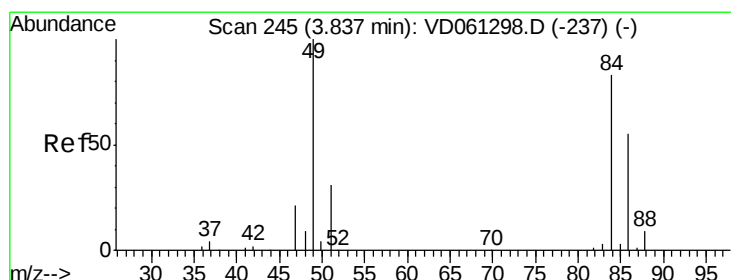
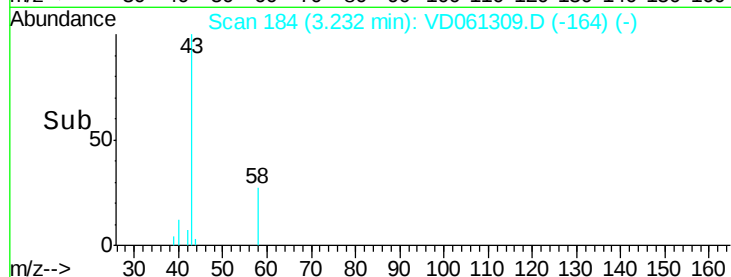
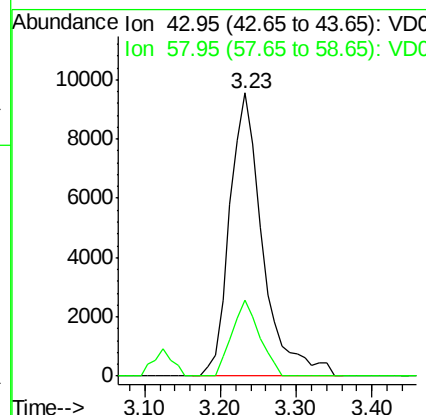
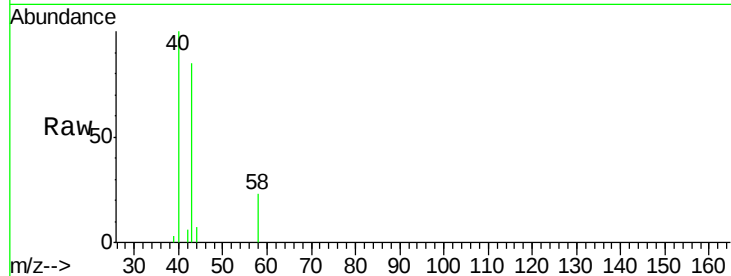




#16
Acetone
Concen: 21.526 ug/l
RT: 3.23 min Scan# 184
Delta R.T. -0.00 min
Lab File: VD061309.D
Acq: 25 Mar 2019 18:34

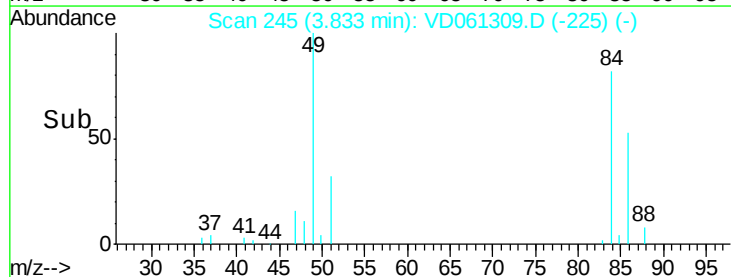
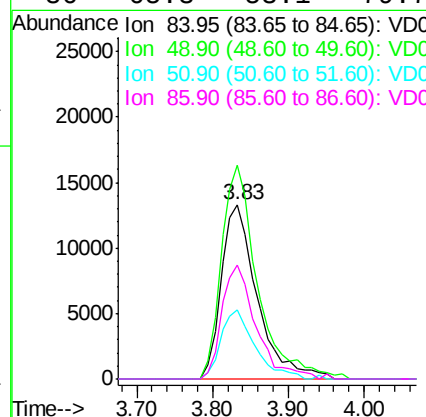
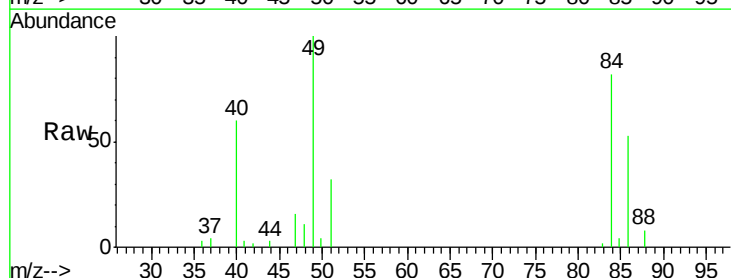
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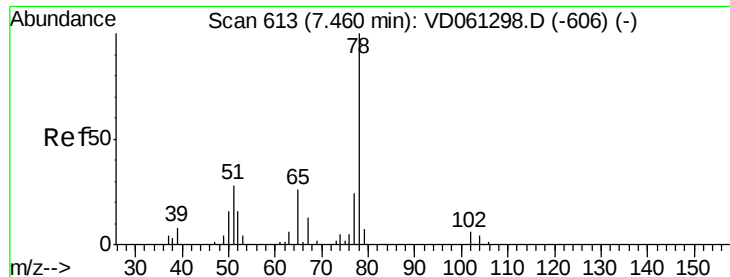
Tot Ion: 43 Resp: 28759
Ion Ratio Lower Upper
43 100
58 26.9 19.4 29.0



#20
Methylene Chloride
Concen: 5.795 ug/l
RT: 3.83 min Scan# 245
Delta R.T. -0.00 min
Lab File: VD061309.D
Acq: 25 Mar 2019 18:34

Tgt Ion: 84 Resp: 43944
Ion Ratio Lower Upper
84 100
49 122.4 96.8 145.2
51 39.4 29.9 44.9
86 65.3 53.1 79.7

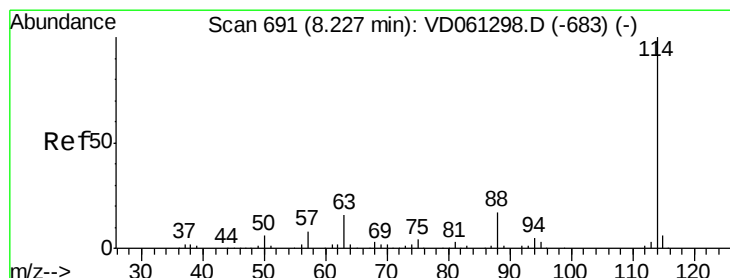
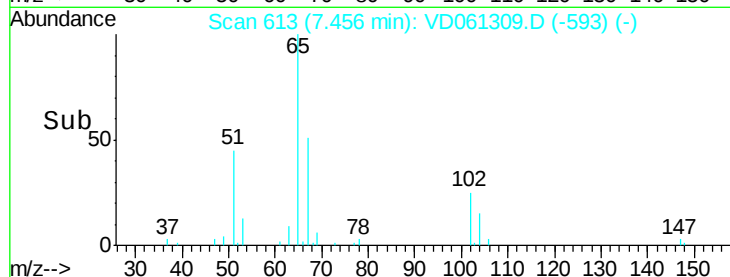
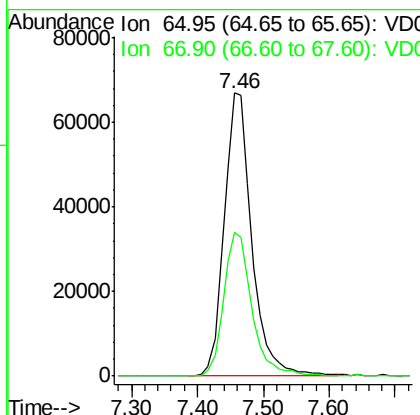
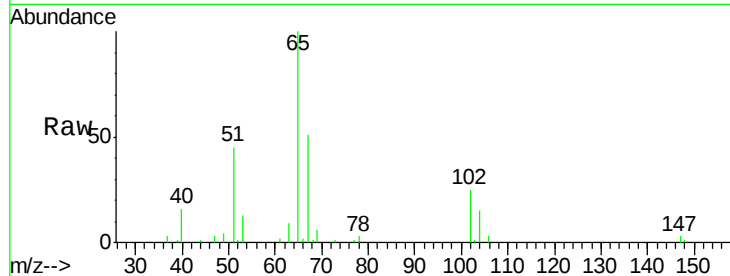




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VD061309.D
 Acq: 25 Mar 2019 18:34

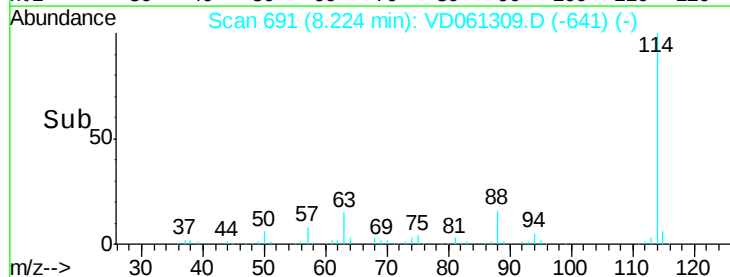
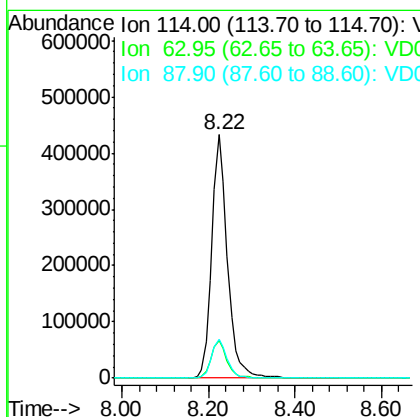
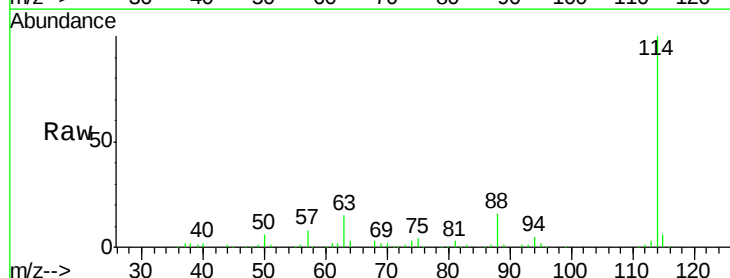
Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB433-190319-FD-(23-25)

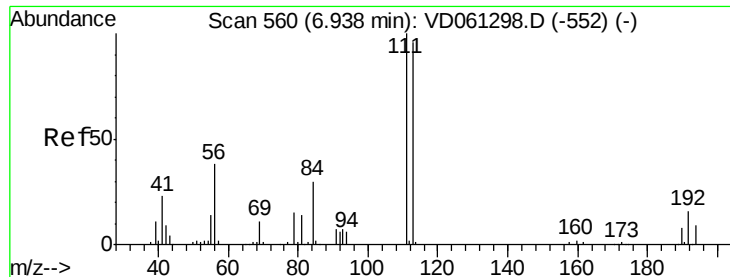
Tot Ion: 65 Resp: 196178
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VD061309.D
 Acq: 25 Mar 2019 18:34

Tgt Ion: 114 Resp: 1089048
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.4
 88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 560

Delta R.T. -0.00 min

Lab File: VD061309.D

Acq: 25 Mar 2019 18:34

Instrument :

MSVOA_D

ClientSampleId :

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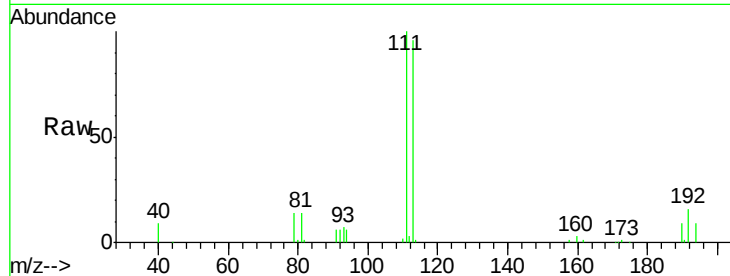
Tot Ion:113 Resp: 338112

Ion Ratio Lower Upper

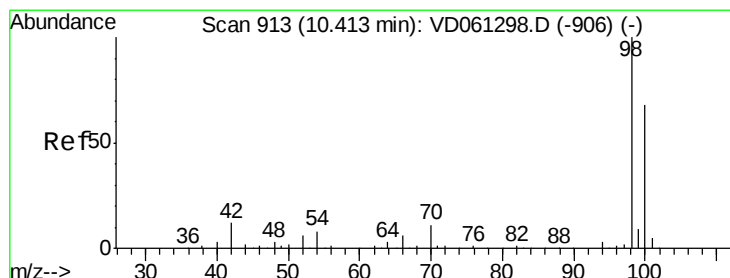
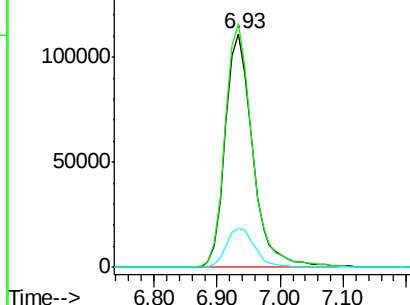
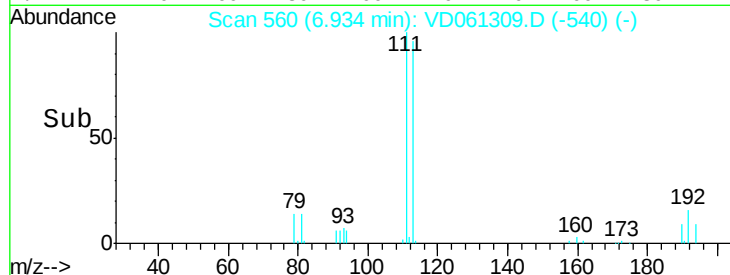
113 100

111 104.2 83.7 125.5

192 16.6 13.4 20.0



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: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD061309.D

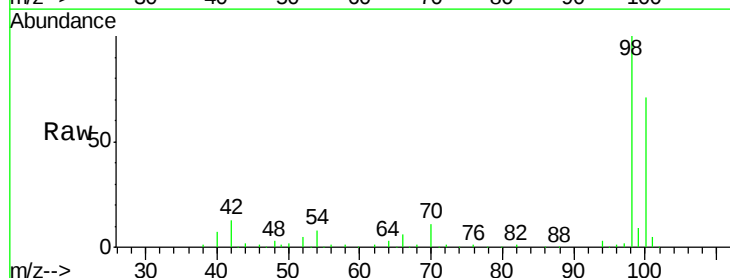
Acq: 25 Mar 2019 18:34

Tgt Ion: 98 Resp: 742595

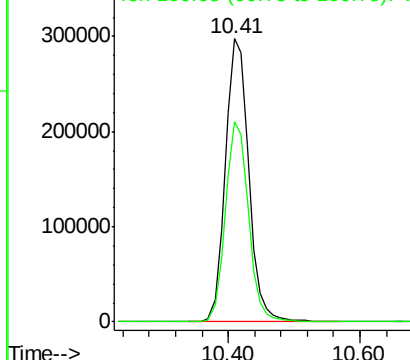
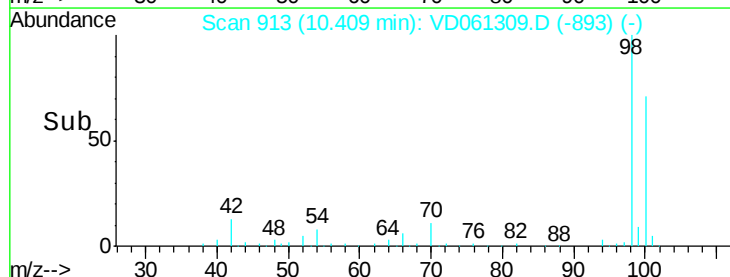
Ion Ratio Lower Upper

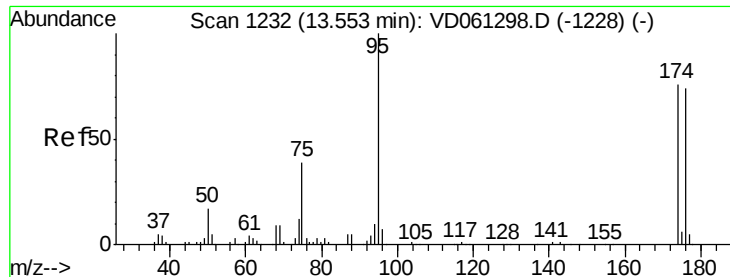
98 100

100 70.8 55.4 83.0



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061309.D

Acq: 25 Mar 2019 18:34

Instrument :

MSVOA_D

ClientSampleId :

WP022SB433-190319-FD-(23-25)

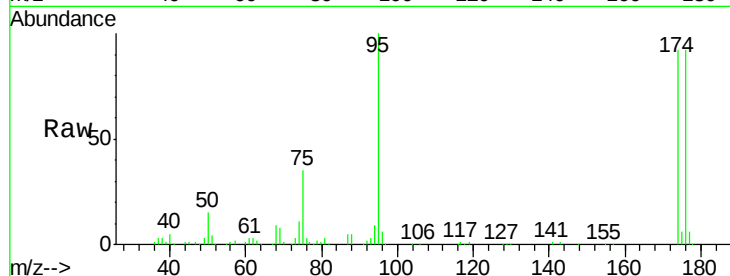
Tot Ion: 95 Resp: 302914

Ion Ratio Lower Upper

95 100

174 92.1 0.0 151.8

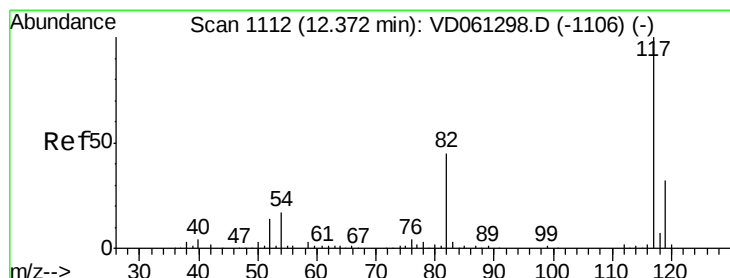
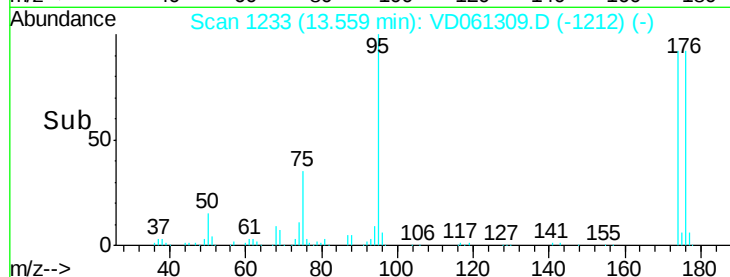
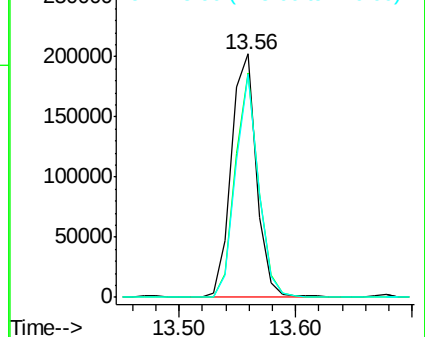
176 91.9 0.0 148.0



Abundance Ion 95.00 (94.70 to 95.70): V

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. -0.00 min

Lab File: VD061309.D

Acq: 25 Mar 2019 18:34

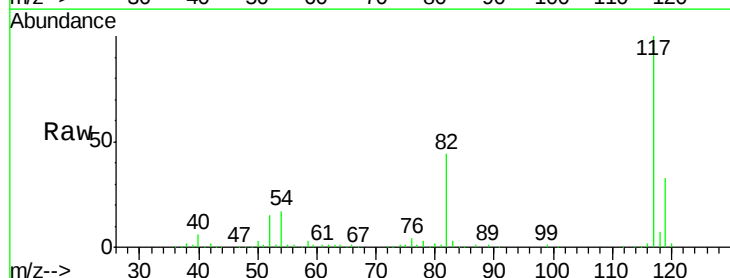
Tgt Ion: 117 Resp: 866300

Ion Ratio Lower Upper

117 100

82 44.4 35.7 53.5

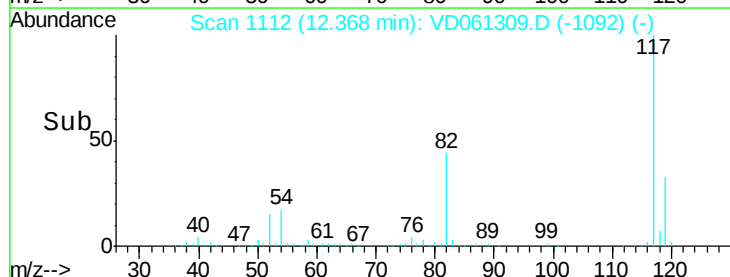
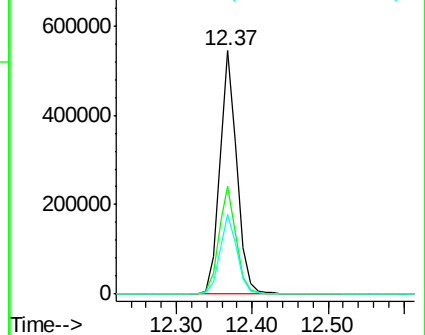
119 32.8 25.9 38.9

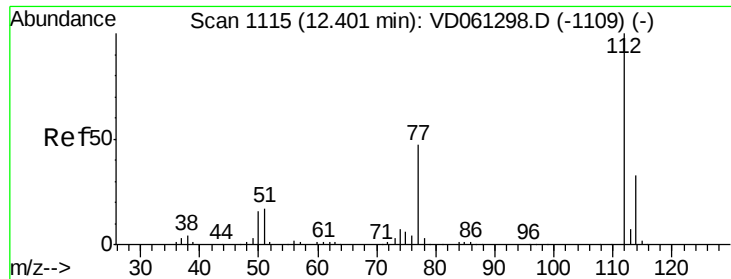


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

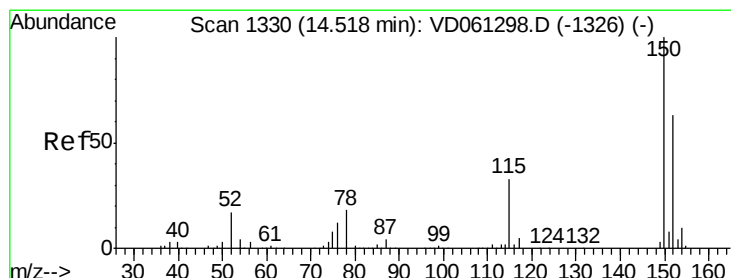
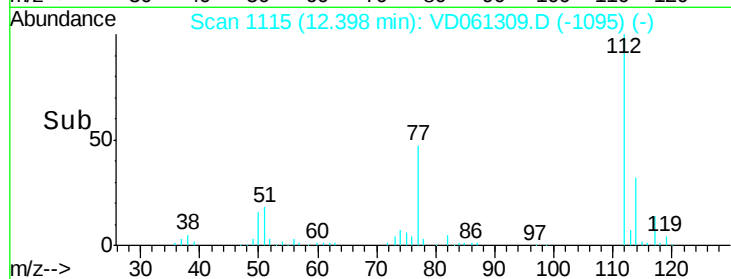
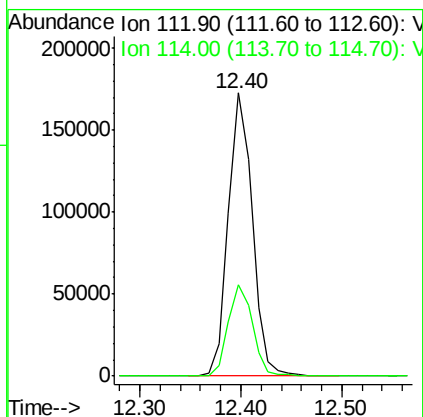
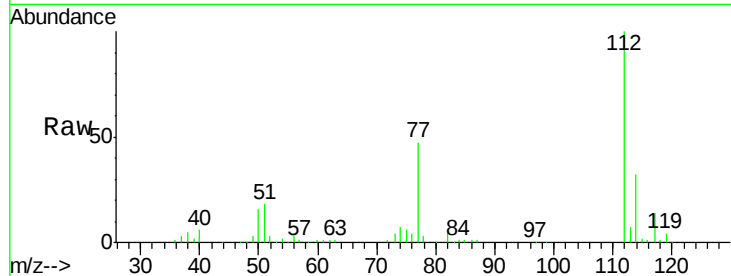




#65
Chlorobenzene
Concen: 17.858 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. -0.00 min
Lab File: VD061309.D
Acq: 25 Mar 2019 18:34

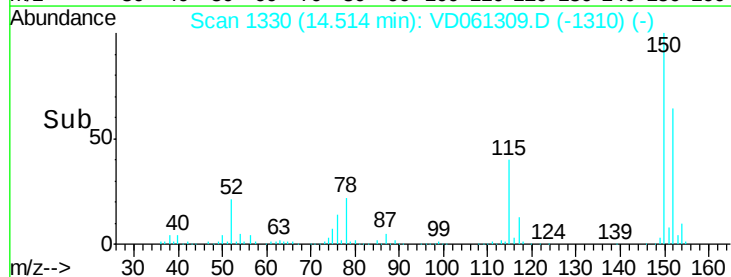
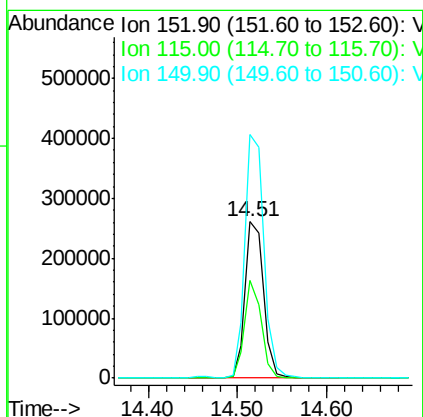
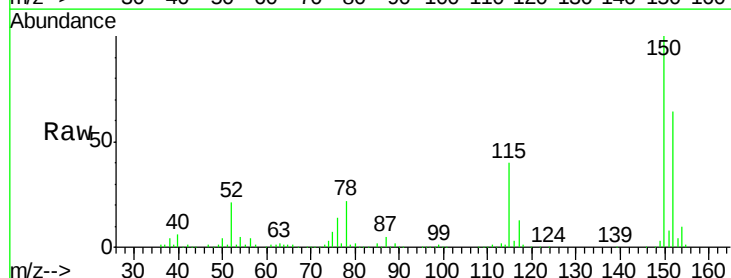
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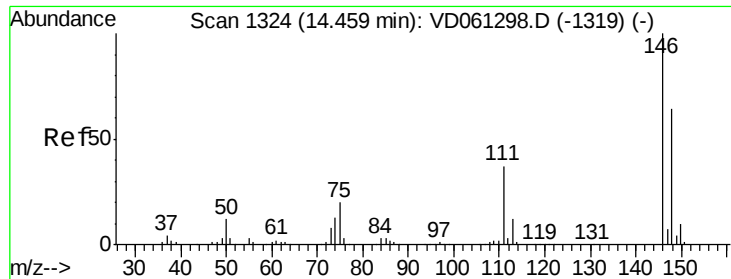
Tot Ion:112 Resp: 284947
Ion Ratio Lower Upper
112 100
114 32.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061309.D
Acq: 25 Mar 2019 18:34

Tgt Ion:152 Resp: 376483
Ion Ratio Lower Upper
152 100
115 62.8 29.2 87.6
150 156.0 0.0 319.6

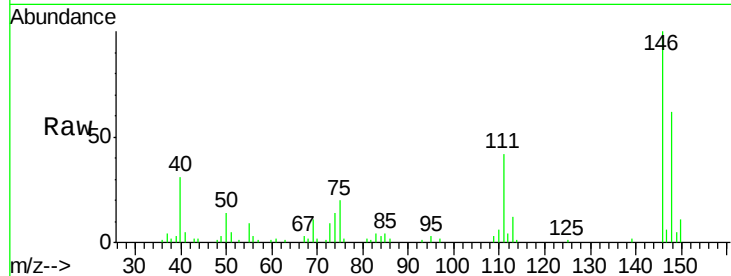




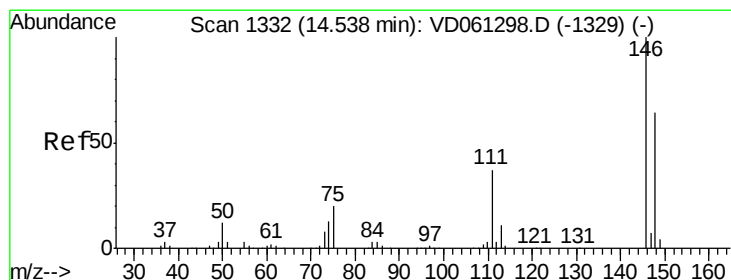
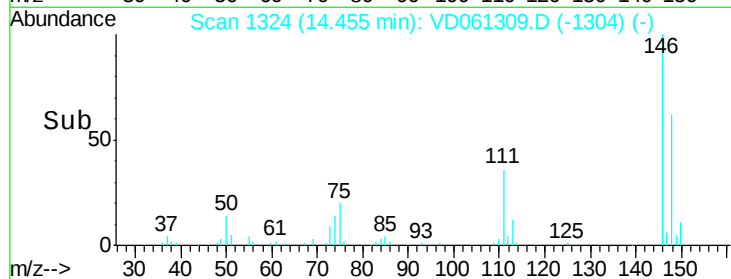
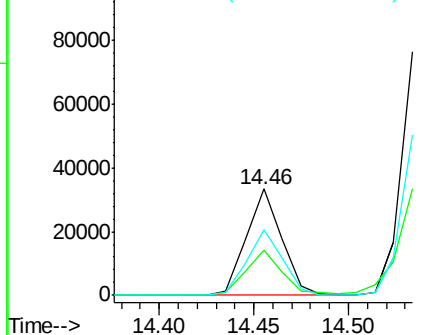
#87
 1,3-Dichlorobenzene
 Concen: 3.556 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VD061309.D
 Acq: 25 Mar 2019 18:34

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB433-190319-FD-(23-25)

Tot Ion:146 Resp: 43112
 Ion Ratio Lower Upper
 146 100
 111 42.3 18.4 55.0
 148 62.1 32.0 96.2

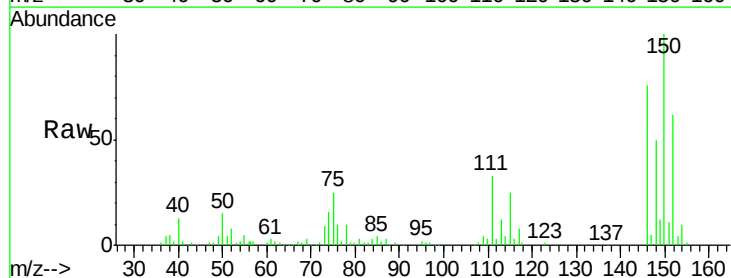


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

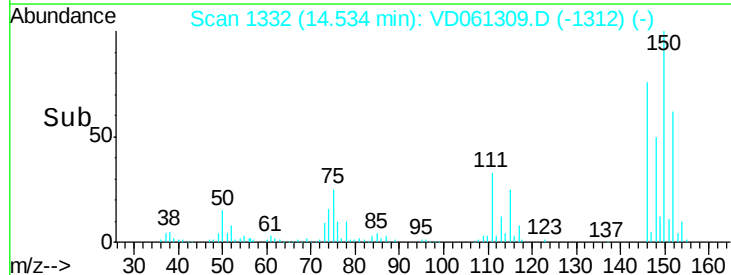
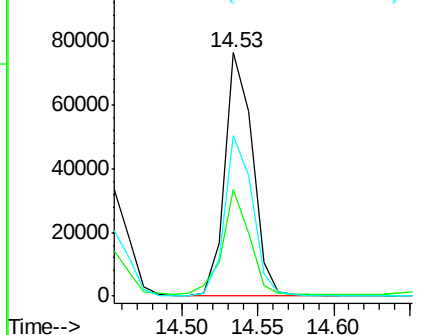


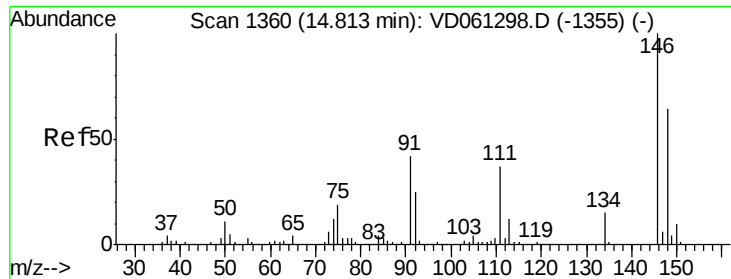
#88
 1,4-Dichlorobenzene
 Concen: 8.297 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD061309.D
 Acq: 25 Mar 2019 18:34

Tgt Ion:146 Resp: 97447
 Ion Ratio Lower Upper
 146 100
 111 43.6 18.6 55.6
 148 66.0 31.9 95.5



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





#91
 1,2-Dichlorobenzene
 Concen: 13.285 ug/l
 RT: 14.81 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: VD061309.D
 Acq: 25 Mar 2019 18:34

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB433-190319-FD-(23-25)

Tot Ion:	146	Resp:	128526
Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.3	54.8
148	63.0	31.9	95.7

