

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061308.D
 Acq On : 25 Mar 2019 18:07
 Operator : VA/AP
 Sample : K2043-14
 Misc : 6.37g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Mar 26 05:28:58 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

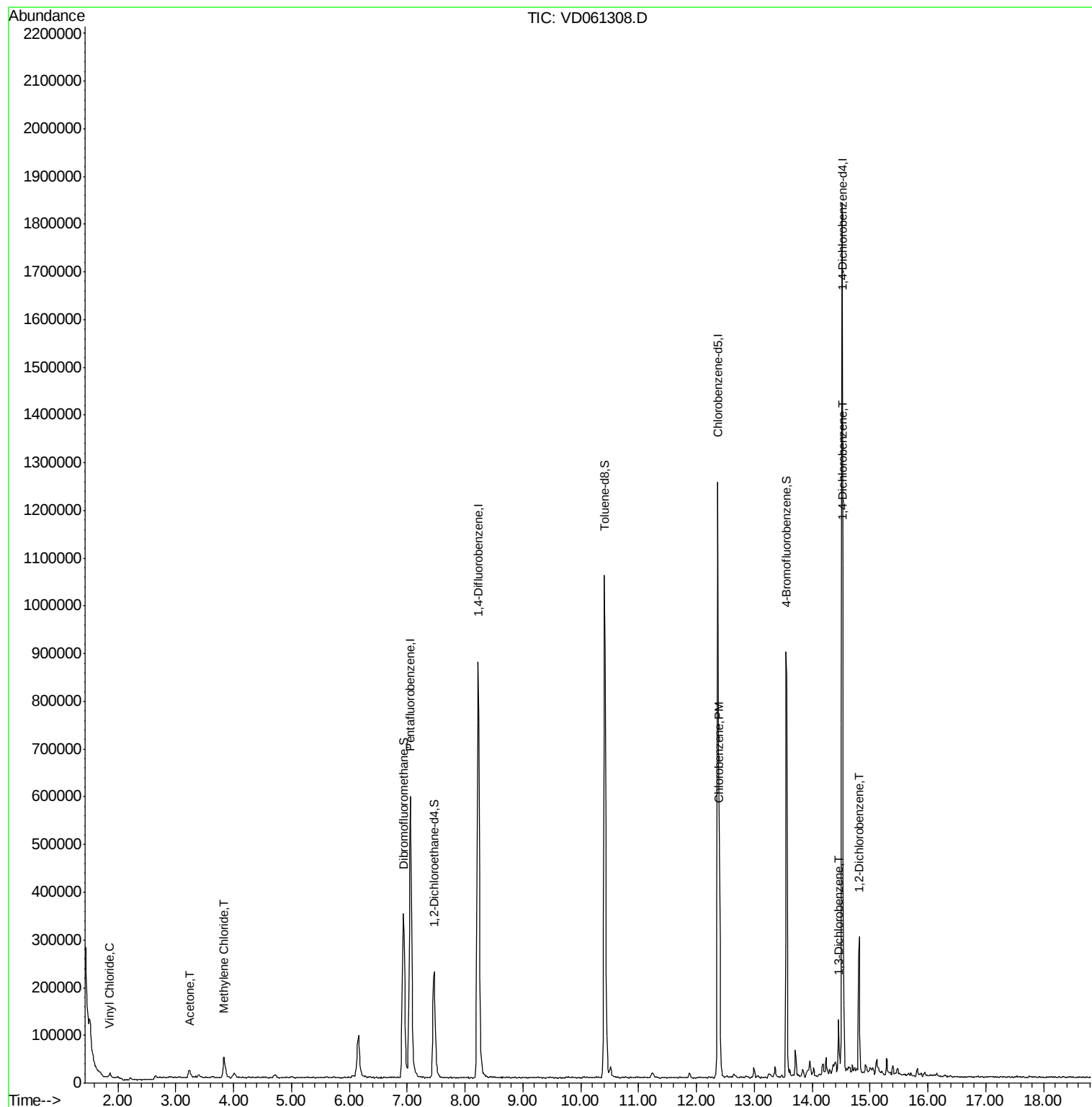
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	635762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1126705	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	820436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	402241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	216346	39.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.88%	
35) Dibromofluoromethane	6.94	113	354232	41.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.18%	
50) Toluene-d8	10.41	98	918498	43.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.88%	
62) 4-Bromofluorobenzene	13.55	95	309990	38.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.02%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.87	62	7512	1.584	ug/l	99
16) Acetone	3.24	43	33472	25.512	ug/l	98
20) Methylene Chloride	3.84	84	33272	4.468	ug/l	87
65) Chlorobenzene	12.40	112	241699	15.994	ug/l	100
87) 1,3-Dichlorobenzene	14.46	146	36823	2.843	ug/l	90
88) 1,4-Dichlorobenzene	14.54	146	81439	6.490	ug/l	99
91) 1,2-Dichlorobenzene	14.81	146	100122	9.687	ug/l	98

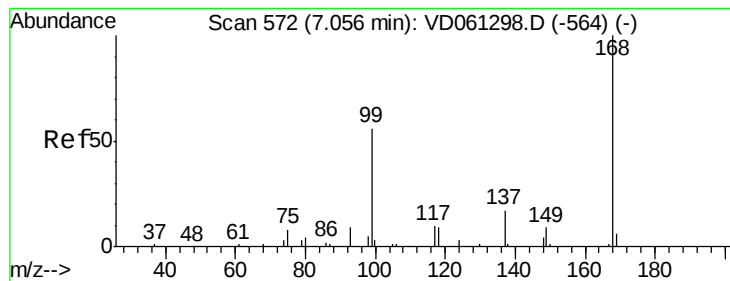
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD061308.D

Acq: 25 Mar 2019 18:07

Instrument :

MSVOA_D

ClientSampleId :

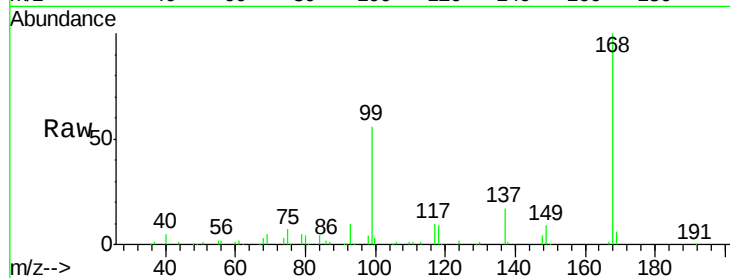
WP022SB433-190319-(23-25)

Tot Ion:168 Resp: 635762

Ion Ratio Lower Upper

168 100

99 56.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

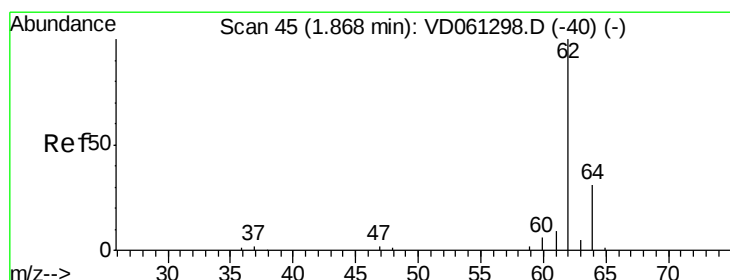
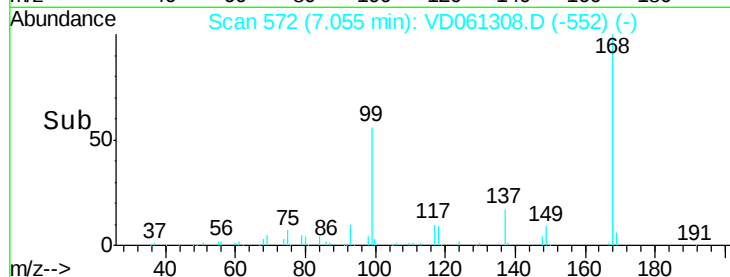
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#4

Vinyl Chloride

Concen: 1.584 ug/l

RT: 1.87 min Scan# 45

Delta R.T. -0.00 min

Lab File: VD061308.D

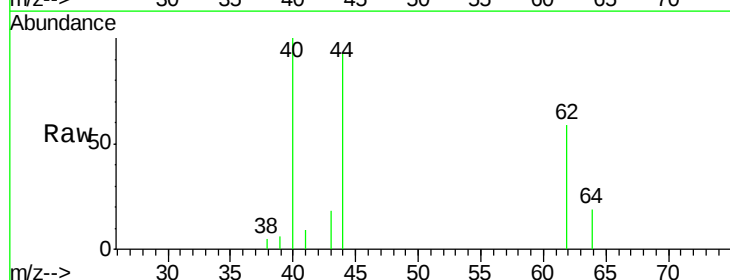
Acq: 25 Mar 2019 18:07

Tgt Ion: 62 Resp: 7512

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.87

4000

3000

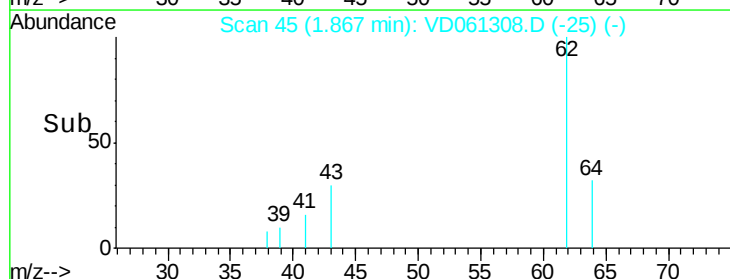
2000

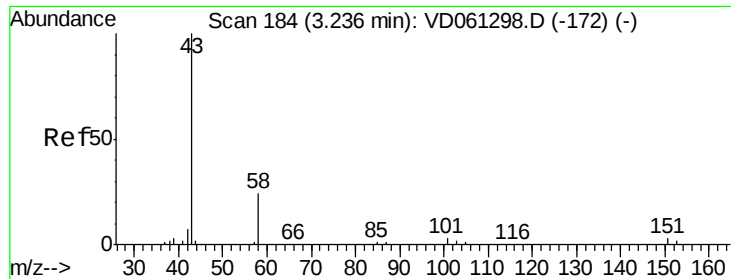
1000

0

1.80 1.85 1.90 1.95

Time-->





#16

Acetone

Concen: 25.512 ug/l

RT: 3.24 min Scan# 184

Delta R.T. -0.00 min

Lab File: VD061308.D

Acq: 25 Mar 2019 18:07

Instrument :

MSVOA_D

ClientSampleId :

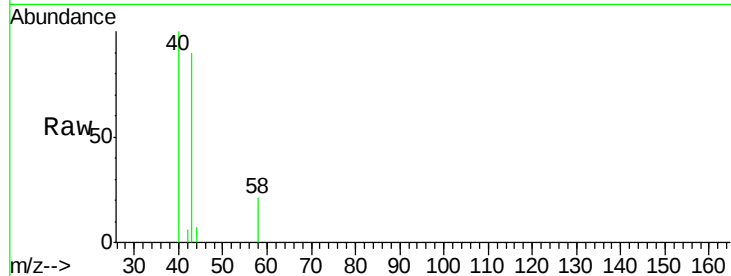
WP022SB433-190319-(23-25)

Tot Ion: 43 Resp: 33472

Ion Ratio Lower Upper

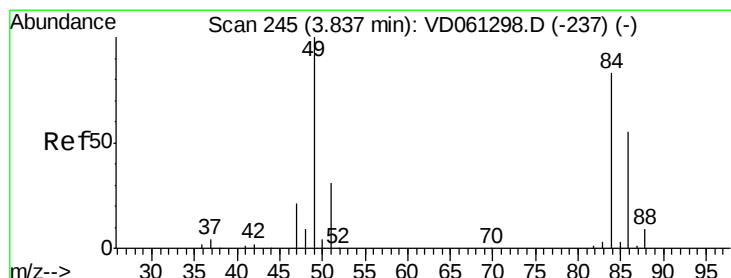
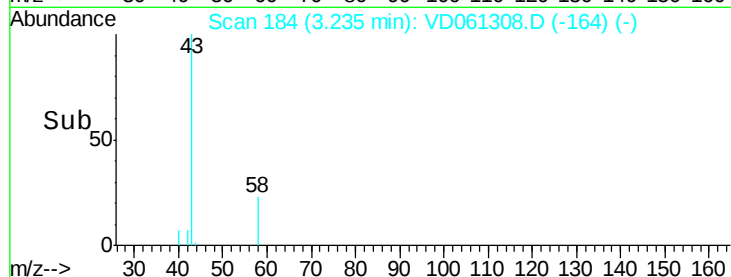
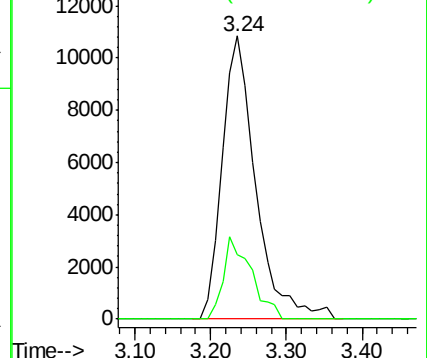
43 100

58 23.0 19.4 29.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 4.468 ug/l

RT: 3.84 min Scan# 245

Delta R.T. -0.00 min

Lab File: VD061308.D

Acq: 25 Mar 2019 18:07

Tgt Ion: 84 Resp: 33272

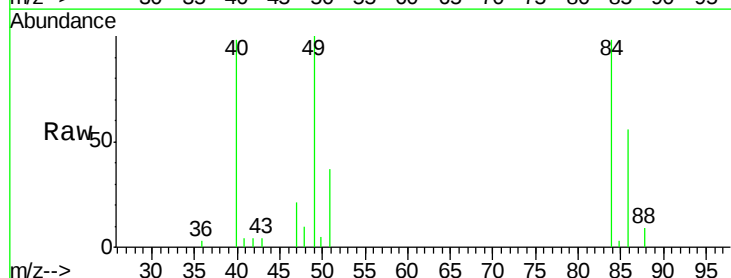
Ion Ratio Lower Upper

84 100

49 101.7 96.8 145.2

51 37.3 29.9 44.9

86 56.6 53.1 79.7

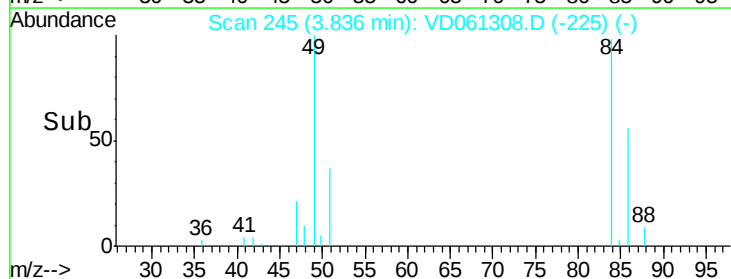
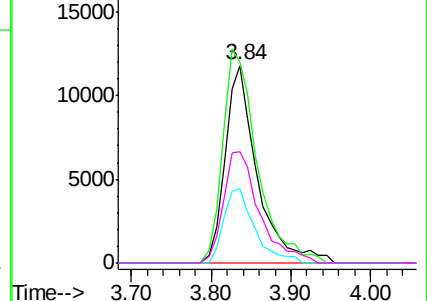


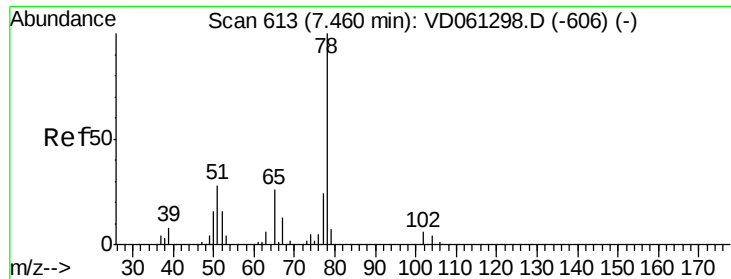
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD061308.D

Acq: 25 Mar 2019 18:07

Instrument :

MSVOA_D

ClientSampleId :

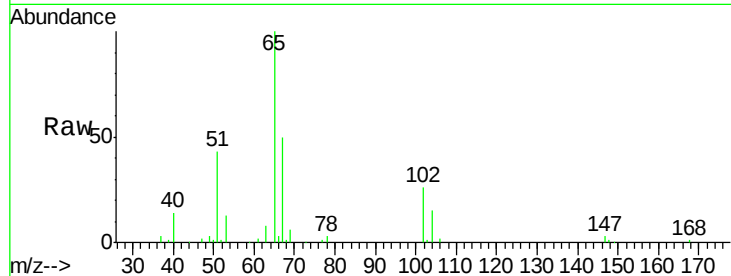
WP022SB433-190319-(23-25)

Tot Ion: 65 Resp: 216346

Ion Ratio Lower Upper

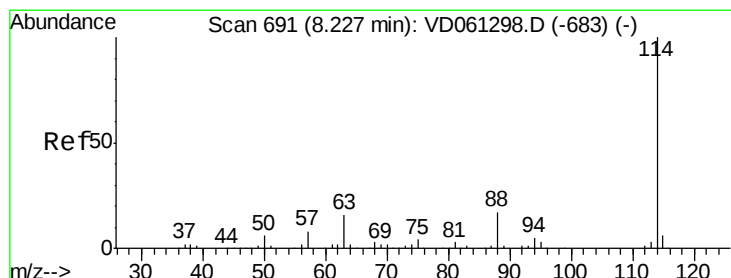
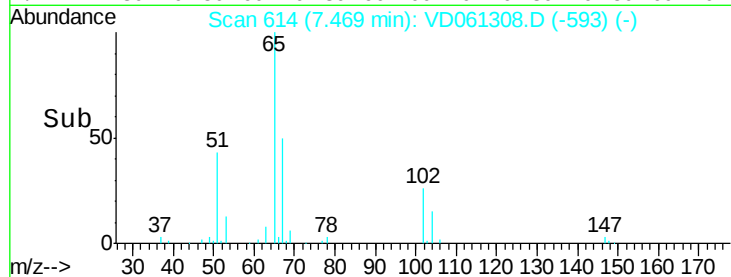
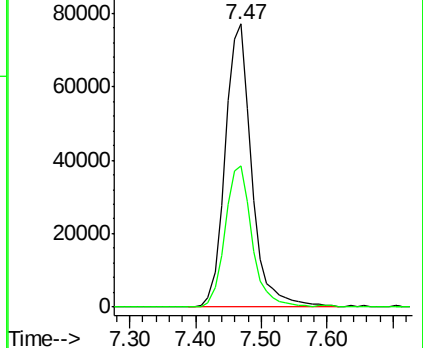
65 100

67 49.8 0.0 100.8



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: 8.23 min Scan# 691

Delta R.T. -0.00 min

Lab File: VD061308.D

Acq: 25 Mar 2019 18:07

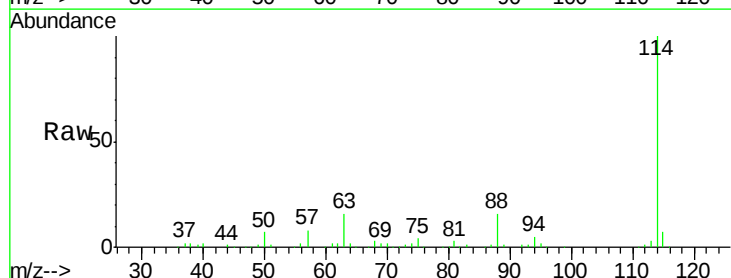
Tgt Ion: 114 Resp: 1126705

Ion Ratio Lower Upper

114 100

63 16.0 0.0 31.4

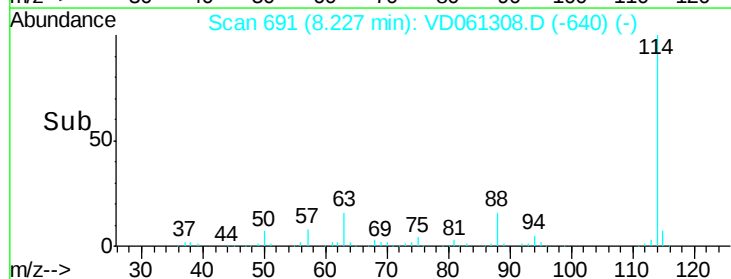
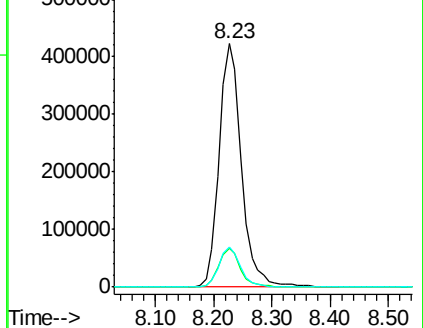
88 16.5 0.0 33.2

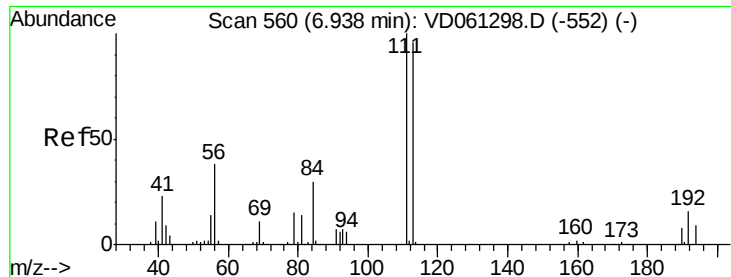


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 560

Delta R.T. -0.00 min

Lab File: VD061308.D

Acq: 25 Mar 2019 18:07

Instrument :

MSVOA_D

ClientSampleId :

WP022SB433-190319-(23-25)

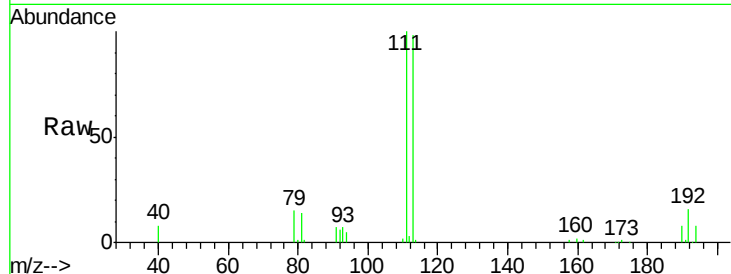
Tot Ion:113 Resp: 354232

Ion Ratio Lower Upper

113 100

111 101.5 83.7 125.5

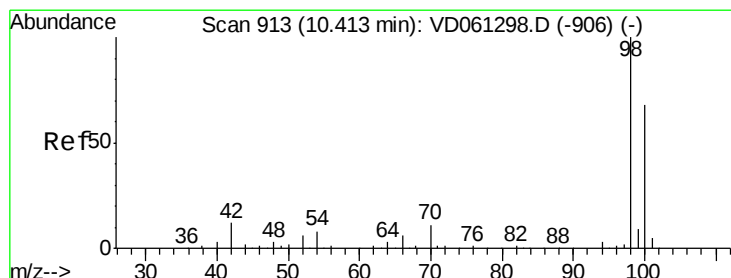
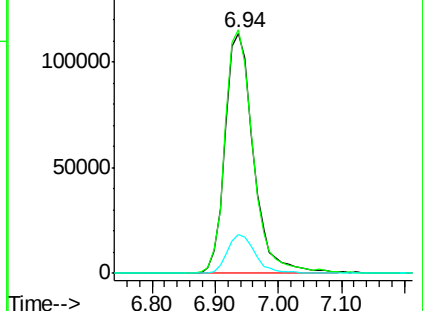
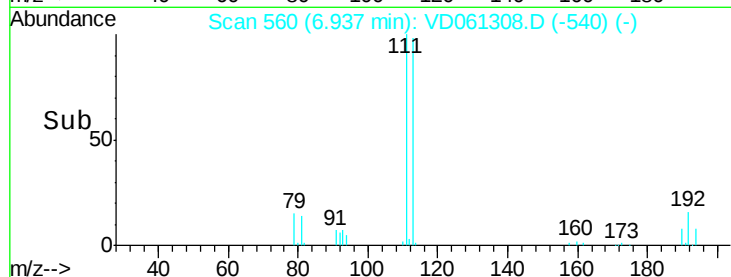
192 16.1 13.4 20.0



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: VD061308.D

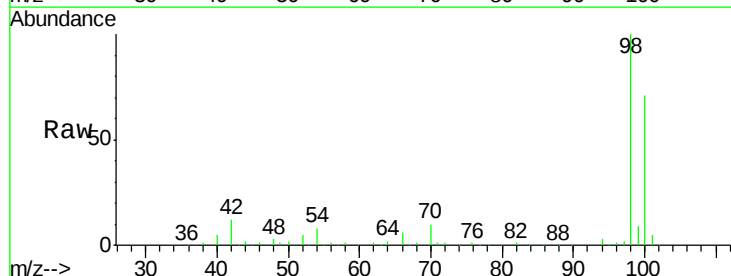
Acq: 25 Mar 2019 18:07

Tgt Ion: 98 Resp: 918498

Ion Ratio Lower Upper

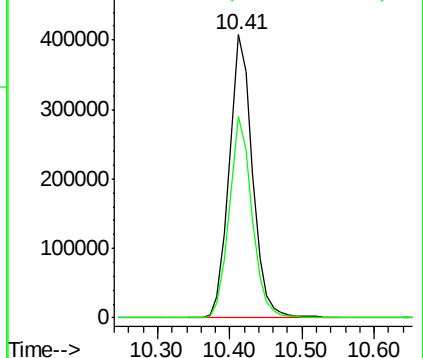
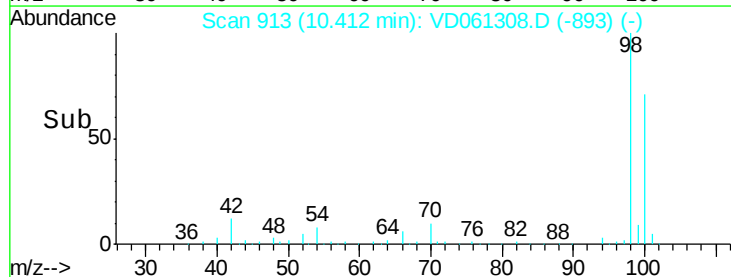
98 100

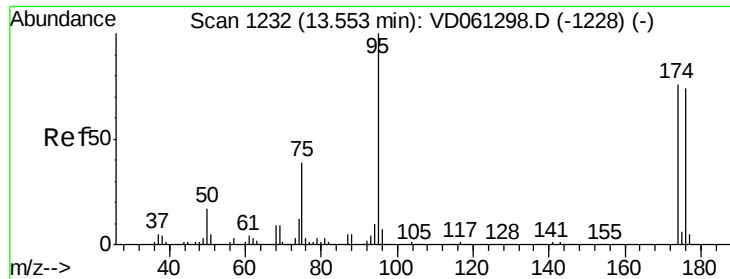
100 71.0 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

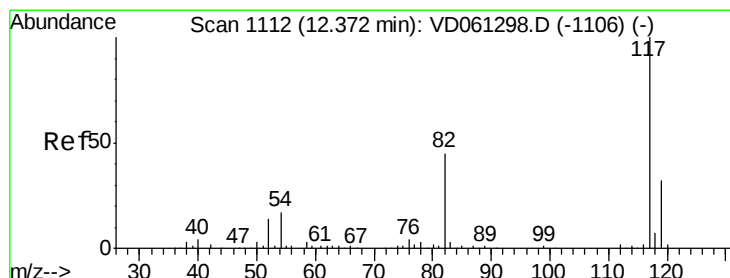
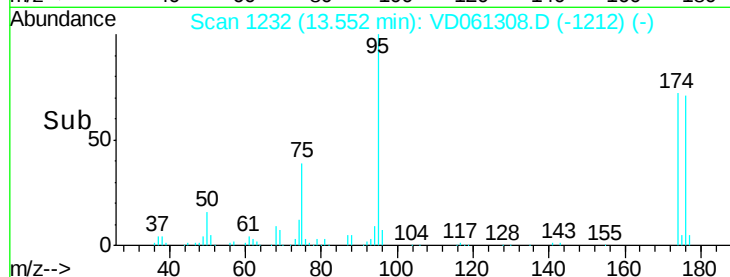
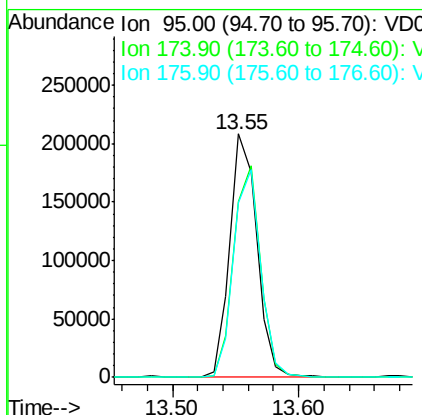
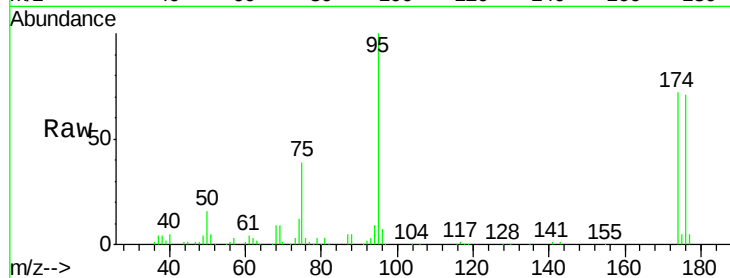




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061308.D
Acq: 25 Mar 2019 18:07

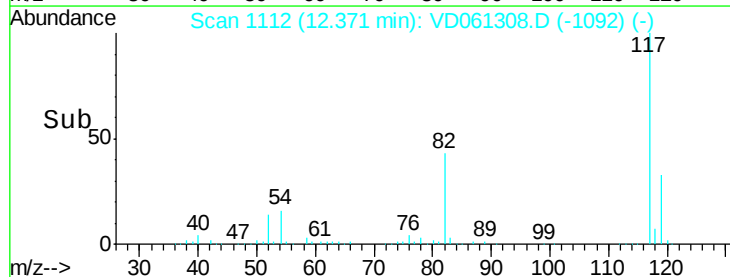
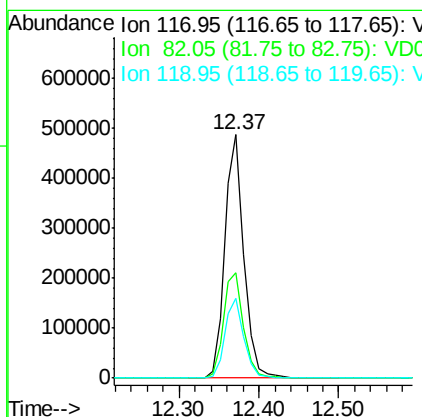
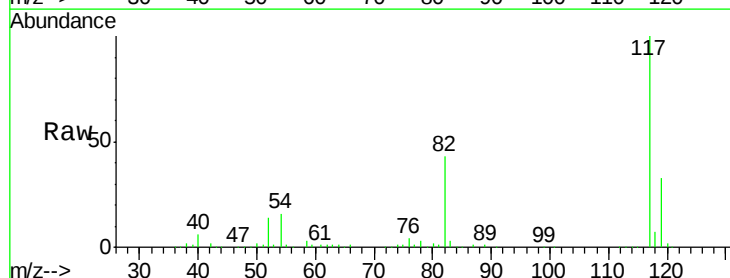
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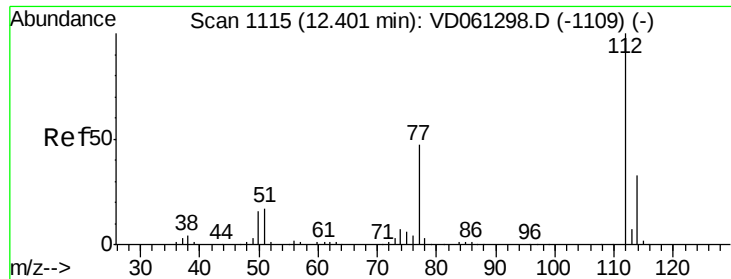
Tot Ion: 95 Resp: 309990
Ion Ratio Lower Upper
95 100
174 72.2 0.0 151.8
176 71.5 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD061308.D
Acq: 25 Mar 2019 18:07

Tgt Ion: 117 Resp: 820436
Ion Ratio Lower Upper
117 100
82 43.5 35.7 53.5
119 32.5 25.9 38.9

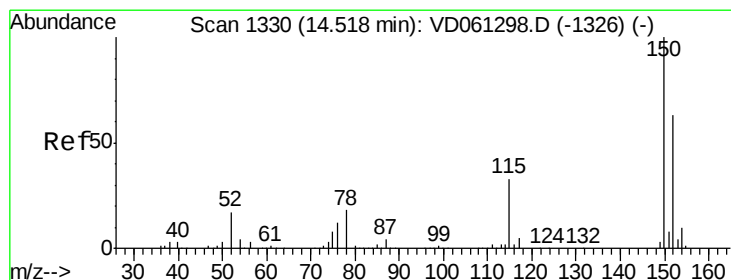
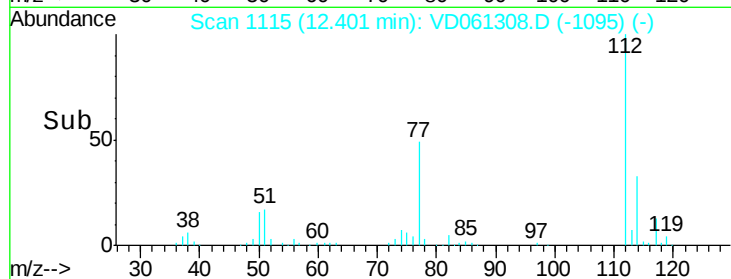
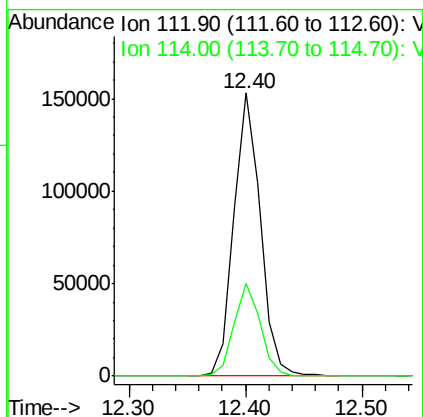
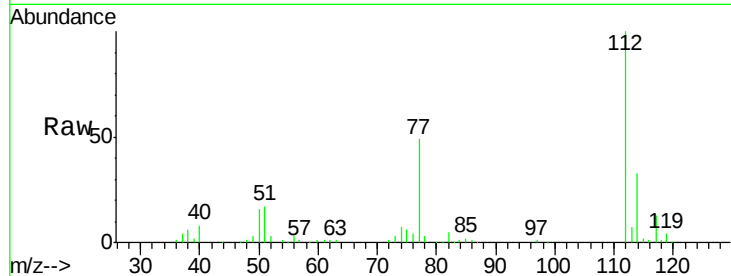




#65
Chlorobenzene
Concen: 15.994 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. -0.00 min
Lab File: VD061308.D
Acq: 25 Mar 2019 18:07

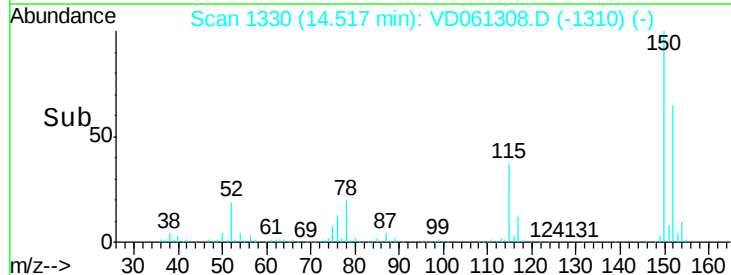
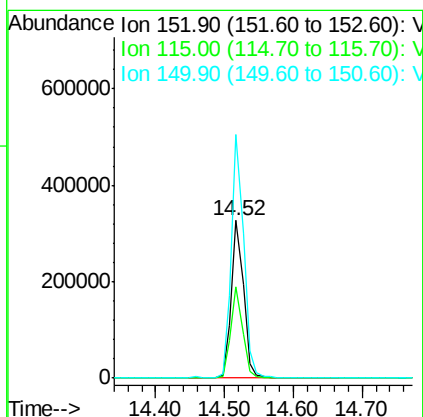
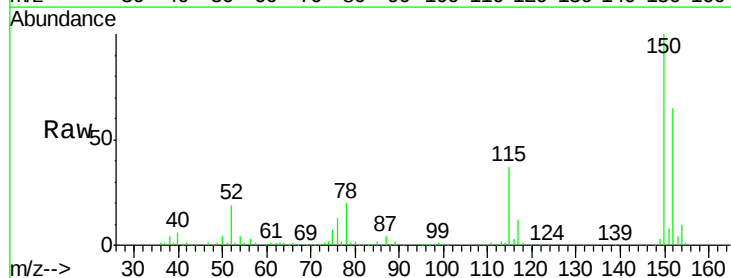
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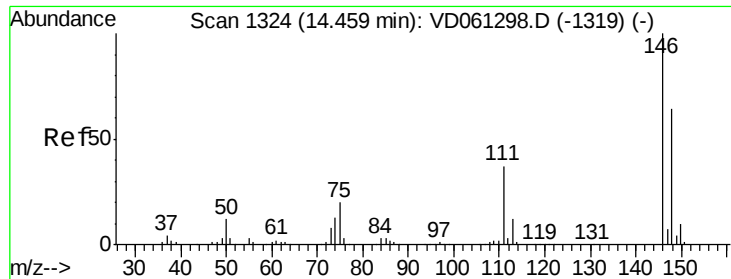
Tot Ion:112 Resp: 241699
Ion Ratio Lower Upper
112 100
114 32.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061308.D
Acq: 25 Mar 2019 18:07

Tgt Ion:152 Resp: 402241
Ion Ratio Lower Upper
152 100
115 58.0 29.2 87.6
150 154.7 0.0 319.6

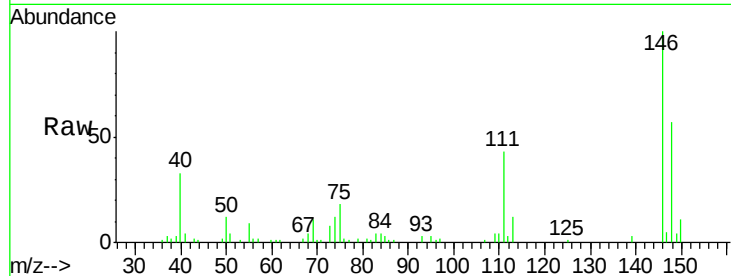




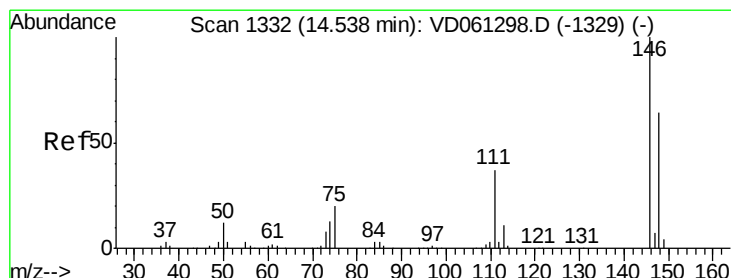
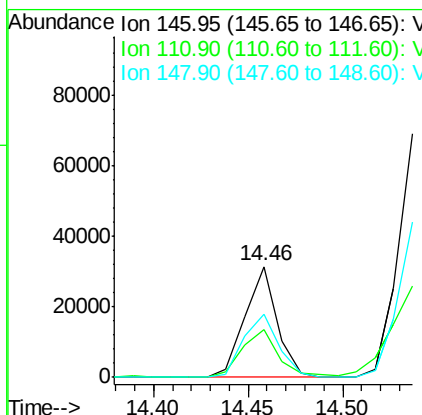
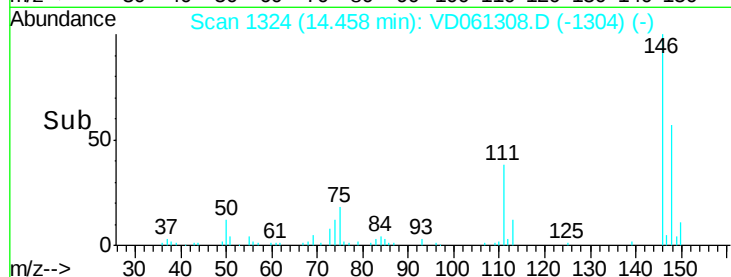
#87
 1,3-Dichlorobenzene
 Concen: 2.843 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VD061308.D
 Acq: 25 Mar 2019 18:07

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

Tot Ion:146 Resp: 36823
 Ion Ratio Lower Upper
 146 100
 111 43.3 18.4 55.0
 148 56.8 32.0 96.2

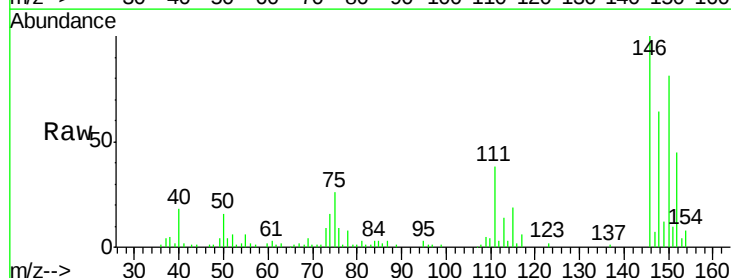


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

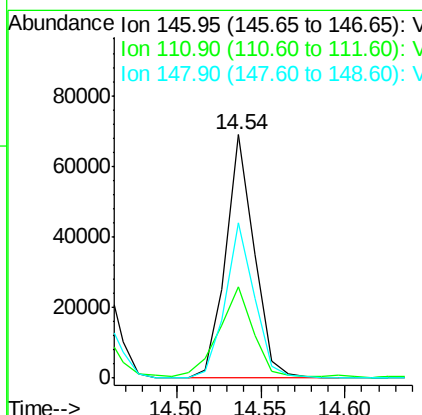
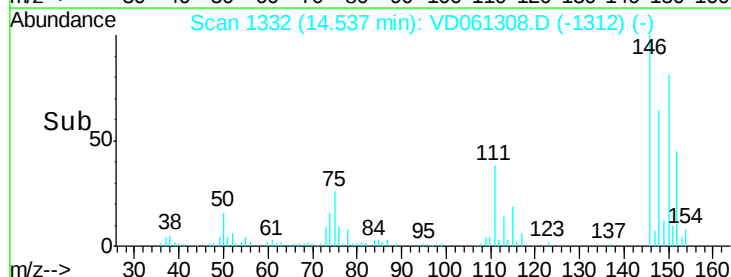


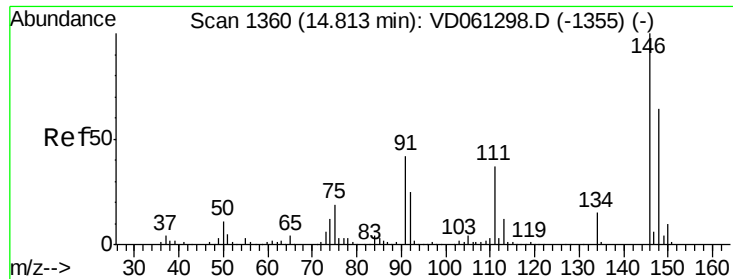
#88
 1,4-Dichlorobenzene
 Concen: 6.490 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD061308.D
 Acq: 25 Mar 2019 18:07

Tgt Ion:146 Resp: 81439
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 55.6
 148 64.0 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: 9.687 ug/l
 RT: 14.81 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: VD061308.D
 Acq: 25 Mar 2019 18:07

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.3	54.8
148	62.5	31.9	95.7

