

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032619\
 Data File : VD061342.D
 Acq On : 26 Mar 2019 18:03
 Operator : VA/AP
 Sample : K2043-14RE
 Misc : 6.47g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Mar 27 02:14:18 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	7.04	168	646252	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1062333	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	906030	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	374593	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	199167	35.72	ug/l	0.00
Spiked Amount						
			Recovery	=	71.44%	
35) Dibromofluoromethane	6.92	113	331153	40.74	ug/l	-0.02
Spiked Amount						
			Recovery	=	81.48%	
50) Toluene-d8	10.40	98	824781	41.84	ug/l	0.00
Spiked Amount						
			Recovery	=	83.68%	
62) 4-Bromofluorobenzene	13.55	95	307026	39.93	ug/l	0.00
Spiked Amount						
			Recovery	=	79.86%	

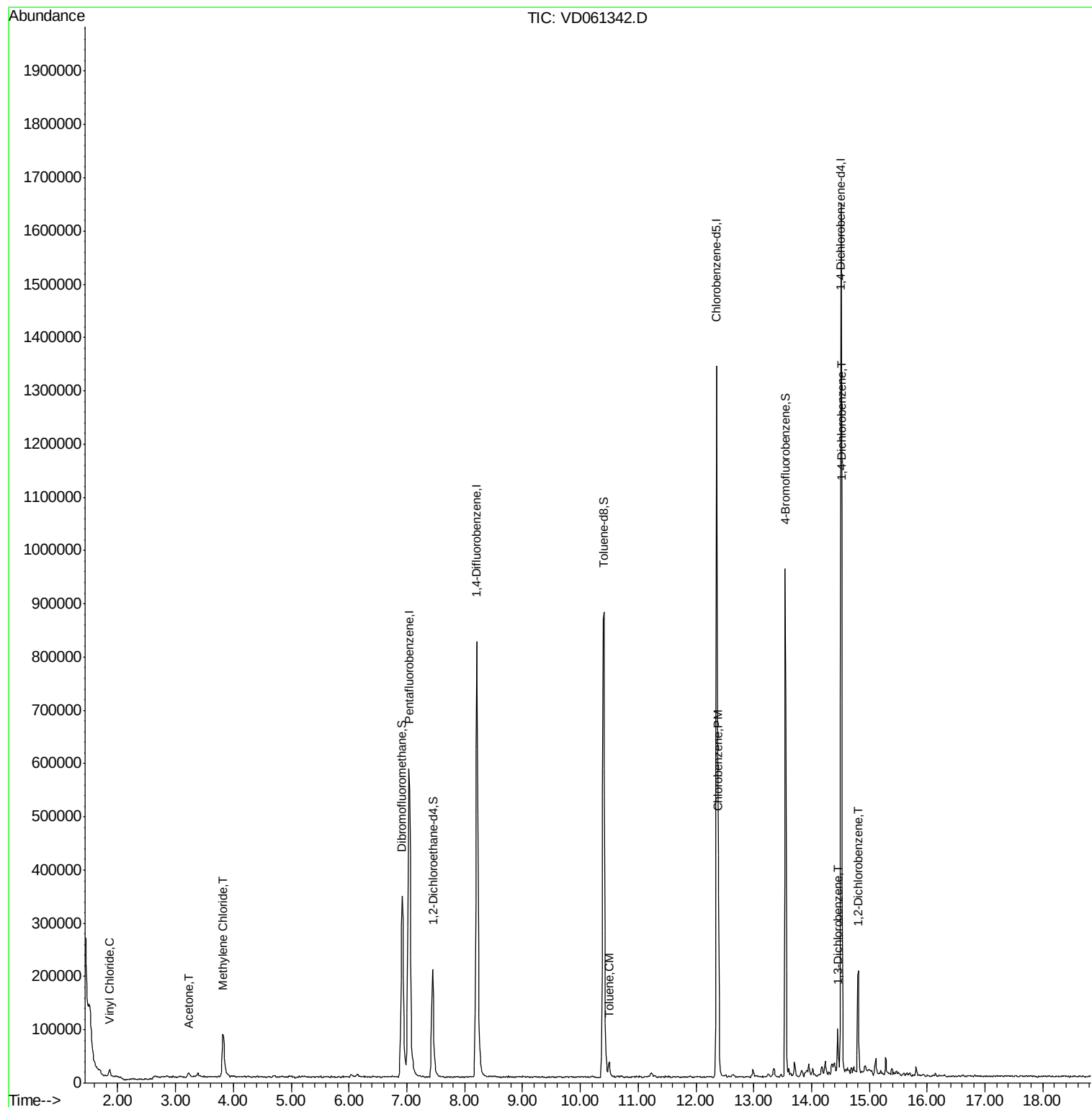
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.86	62	7535	1.563	ug/l #	87
16) Acetone	3.23	43	16193	12.142	ug/l	97
20) Methylene Chloride	3.82	84	63740	8.421	ug/l	97
52) Toluene	10.49	92	14088	1.067	ug/l	80
65) Chlorobenzene	12.39	112	194872	11.677	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	29882	2.477	ug/l	94
88) 1,4-Dichlorobenzene	14.53	146	66539	5.694	ug/l	99
91) 1,2-Dichlorobenzene	14.81	146	70187	7.292	ug/l	96

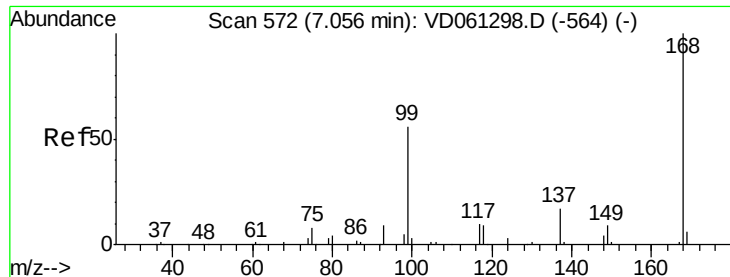
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
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: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD061342.D

Acq: 26 Mar 2019 18:03

Instrument :

MSVOA_D

ClientSampleId :

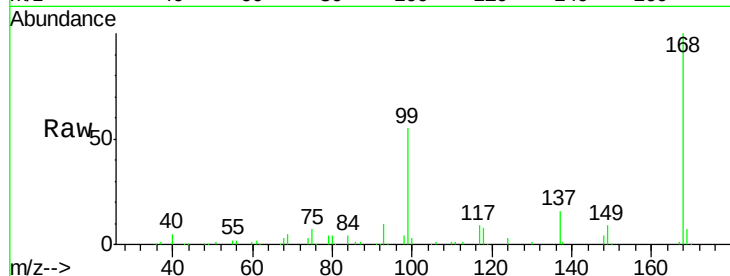
WP022SB433-190319-(23-25)RE

Tot Ion:168 Resp: 646252

Ion Ratio Lower Upper

168 100

99 55.5 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

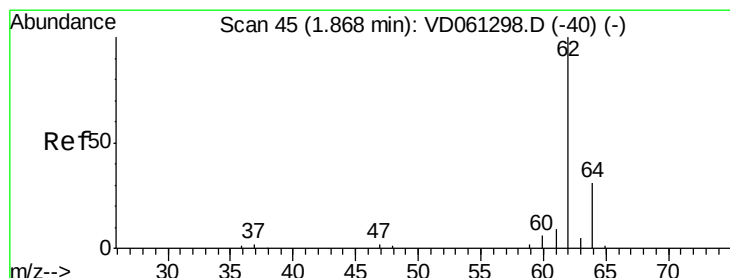
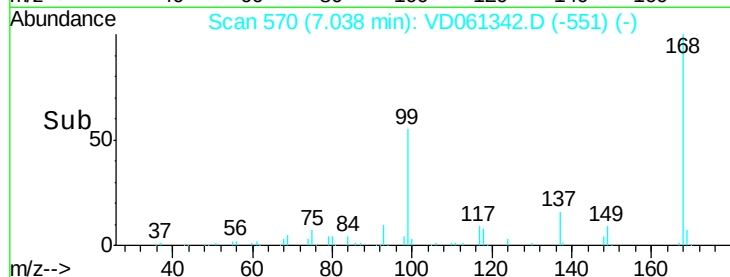
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#4

Vinyl Chloride

Concen: 1.563 ug/l

RT: 1.86 min Scan# 44

Delta R.T. -0.01 min

Lab File: VD061342.D

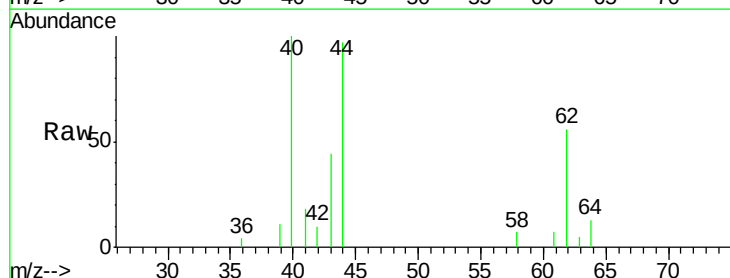
Acq: 26 Mar 2019 18:03

Tgt Ion: 62 Resp: 7535

Ion Ratio Lower Upper

62 100

64 24.0 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

4000

3000

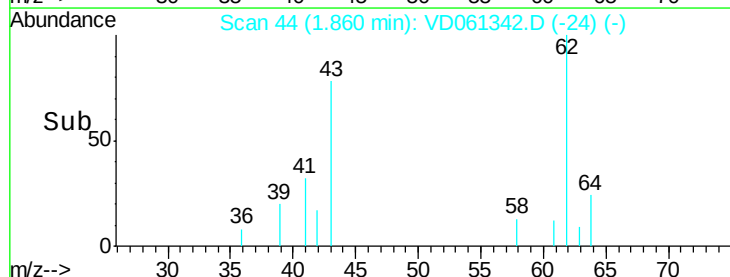
2000

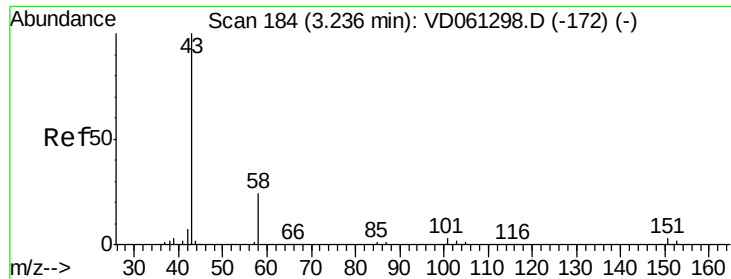
1000

0

1.80 1.85 1.90 1.95

Time-->





#16

Acetone

Concen: 12.142 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD061342.D

Acq: 26 Mar 2019 18:03

Instrument :

MSVOA_D

ClientSampleId :

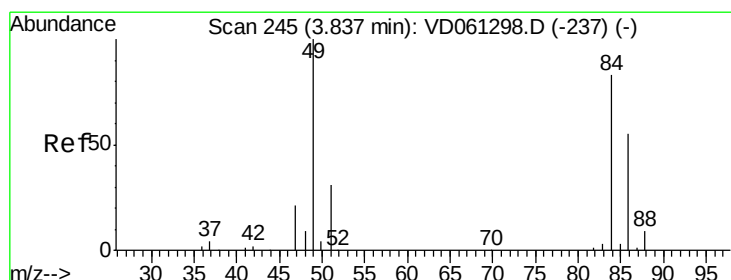
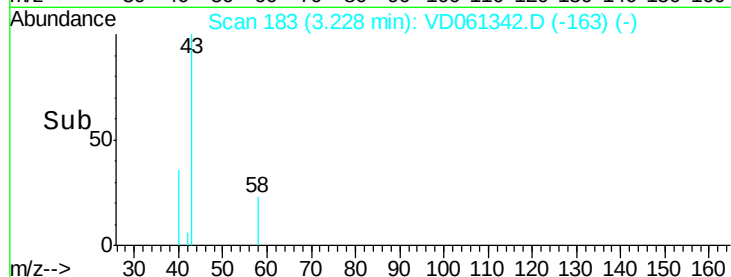
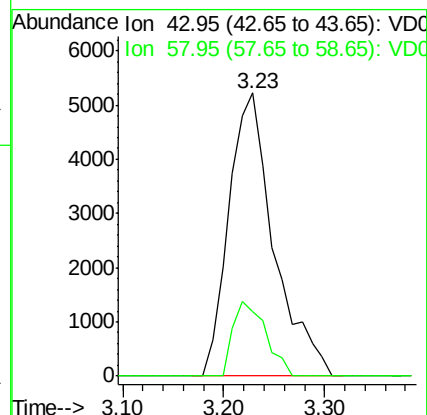
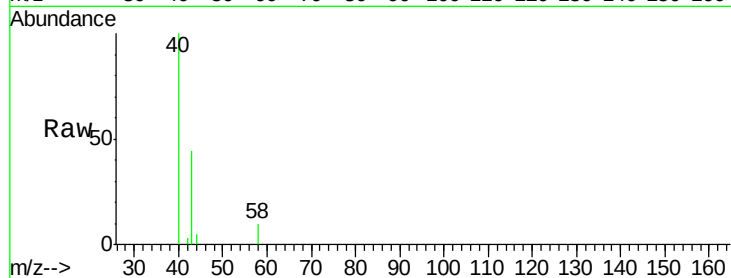
WP022SB433-190319-(23-25)RE

Tot Ion: 43 Resp: 16193

Ion Ratio Lower Upper

43 100

58 22.9 19.4 29.0



#20

Methylene Chloride

Concen: 8.421 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.02 min

Lab File: VD061342.D

Acq: 26 Mar 2019 18:03

Tgt Ion: 84 Resp: 63740

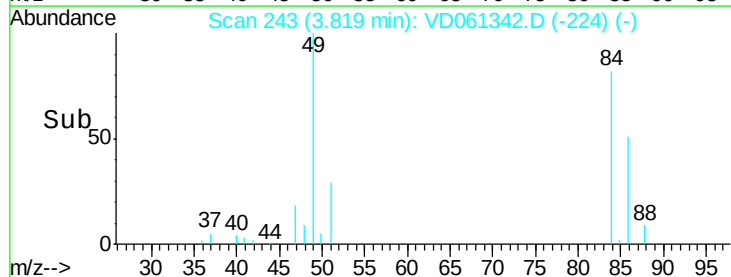
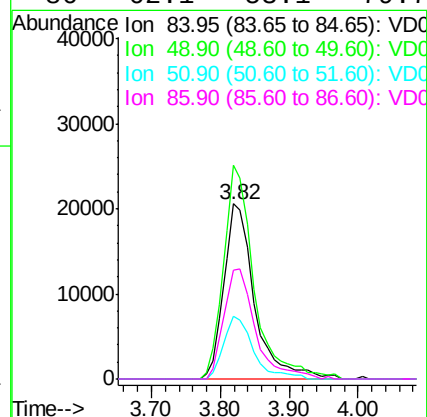
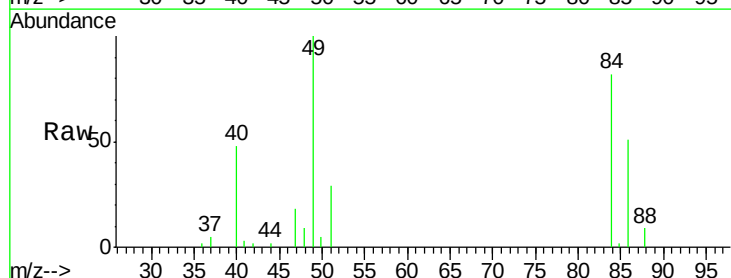
Ion Ratio Lower Upper

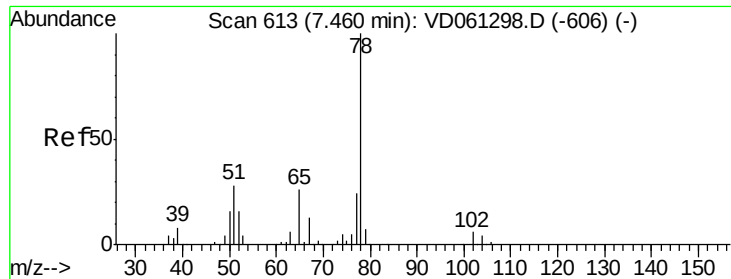
84 100

49 122.0 96.8 145.2

51 35.7 29.9 44.9

86 62.1 53.1 79.7

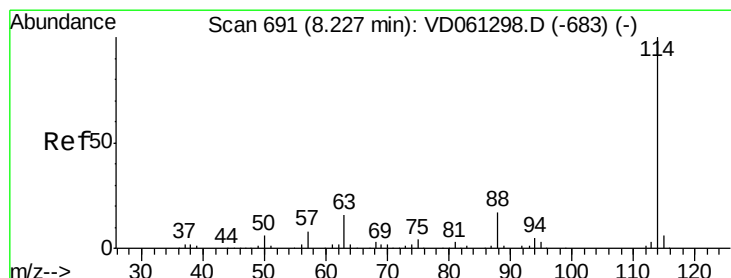
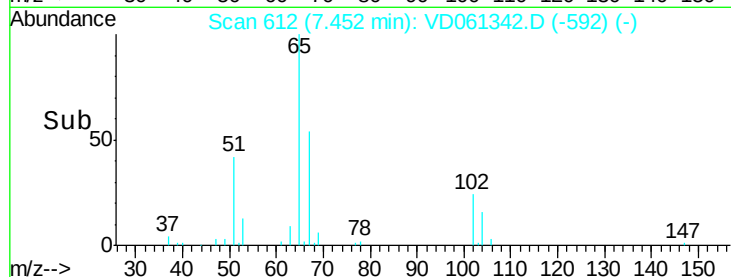
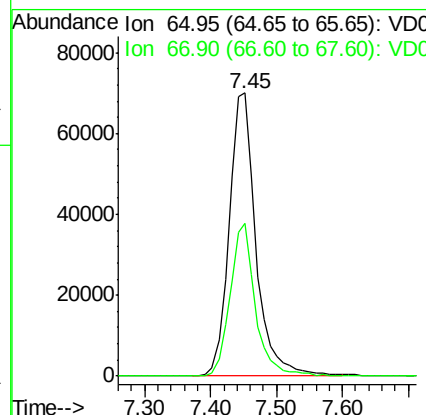
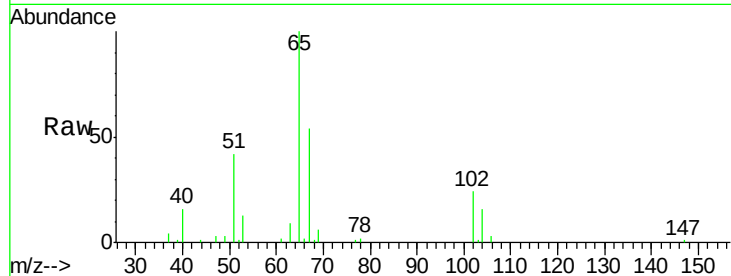




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD061342.D
 Acq: 26 Mar 2019 18:03

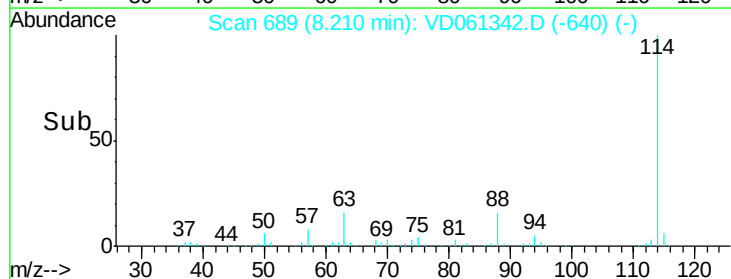
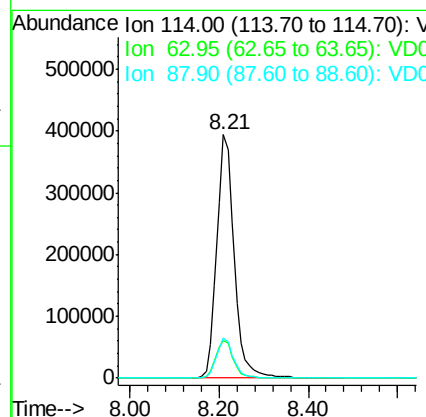
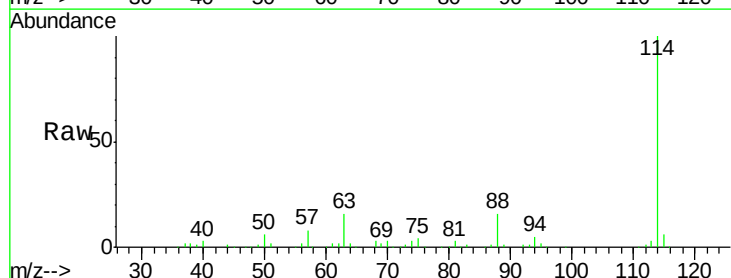
Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB433-190319-(23-25)RE

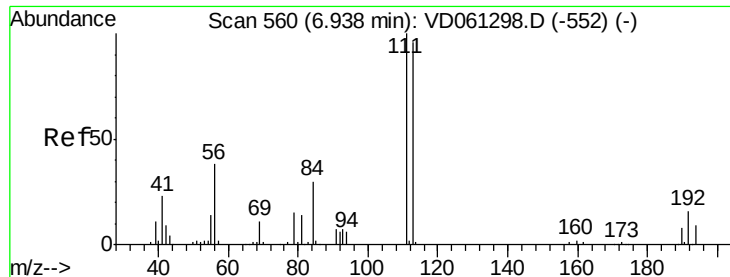
Tot Ion: 65 Resp: 199167
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VD061342.D
 Acq: 26 Mar 2019 18:03

Tgt Ion: 114 Resp: 1062333
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 31.4
 88 16.3 0.0 33.2

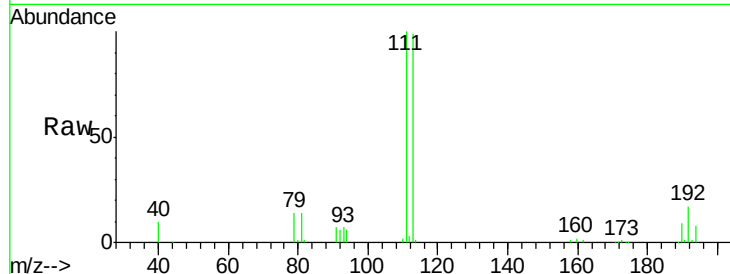




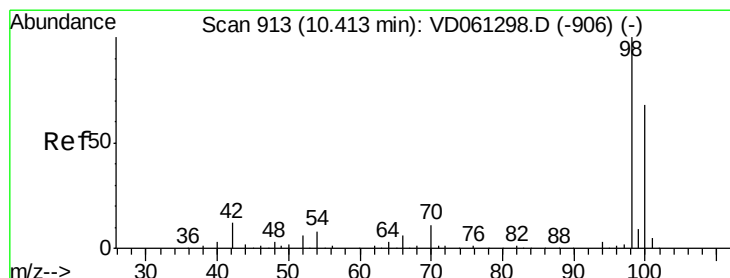
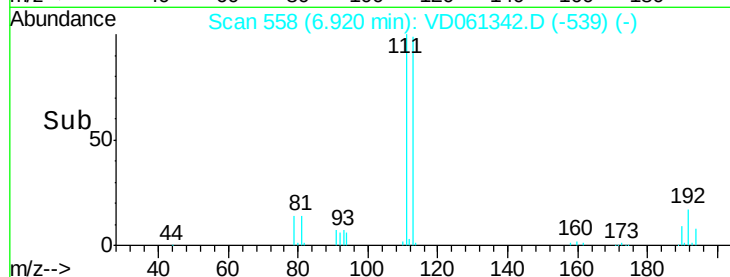
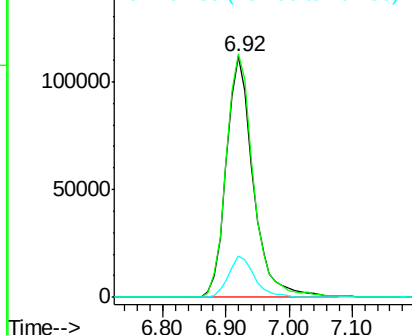
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD061342.D
Acq: 26 Mar 2019 18:03

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.7	125.5
192	17.2	13.4	20.0

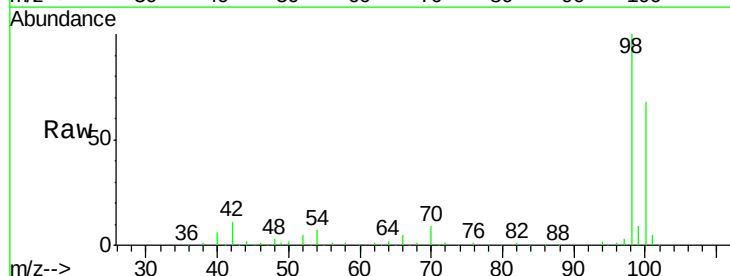


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

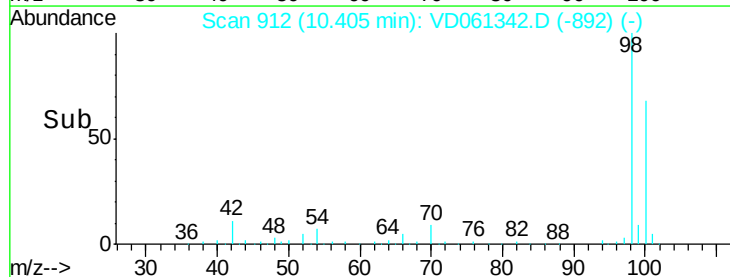
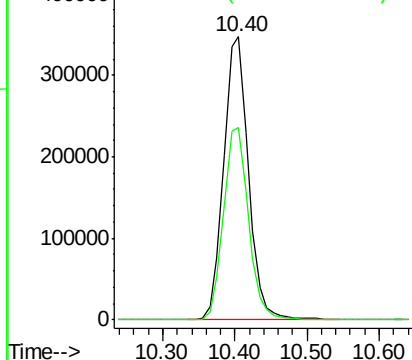


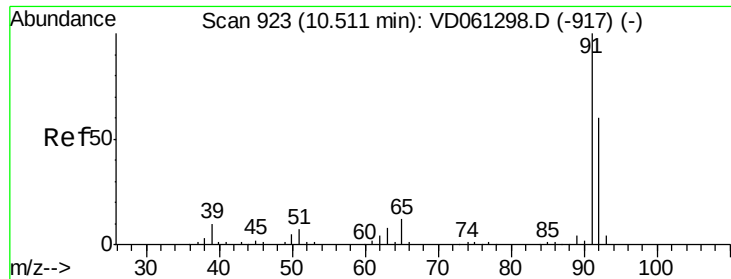
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD061342.D
Acq: 26 Mar 2019 18:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.0	55.4	83.0



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





#52

Toluene

Concen: 1.067 ug/l

RT: 10.49 min Scan# 921

Delta R.T. -0.02 min

Lab File: VD061342.D

Acq: 26 Mar 2019 18:03

Instrument :

MSVOA_D

ClientSampleId :

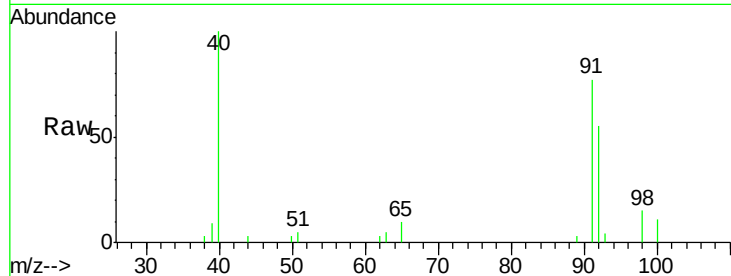
WP022SB433-190319-(23-25)RE

Tot Ion: 92 Resp: 14088

Ion Ratio Lower Upper

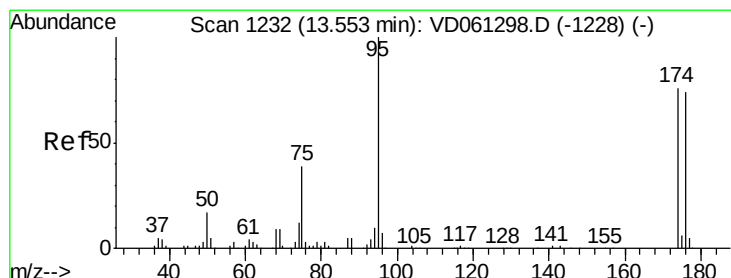
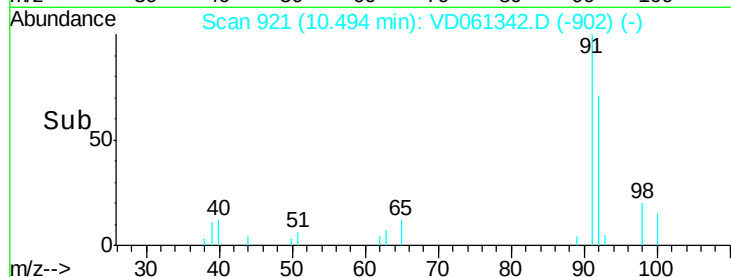
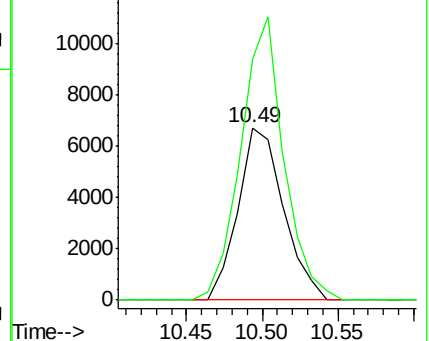
92 100

91 139.9 133.1 199.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061342.D

Acq: 26 Mar 2019 18:03

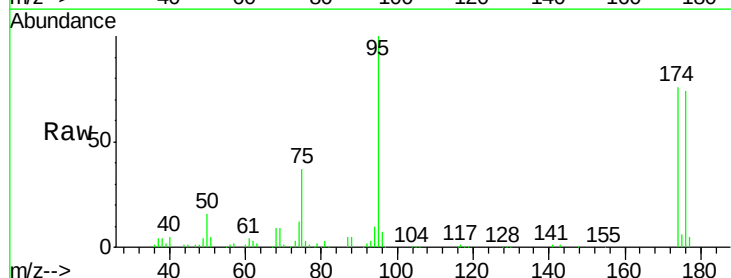
Tgt Ion: 95 Resp: 307026

Ion Ratio Lower Upper

95 100

174 75.5 0.0 151.8

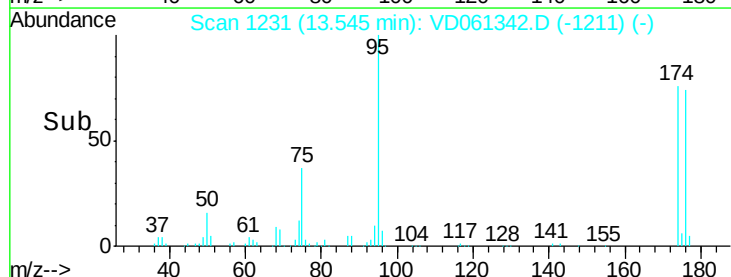
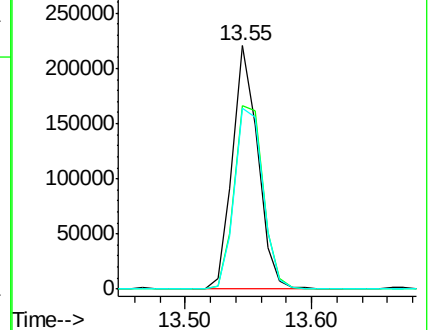
176 74.0 0.0 148.0

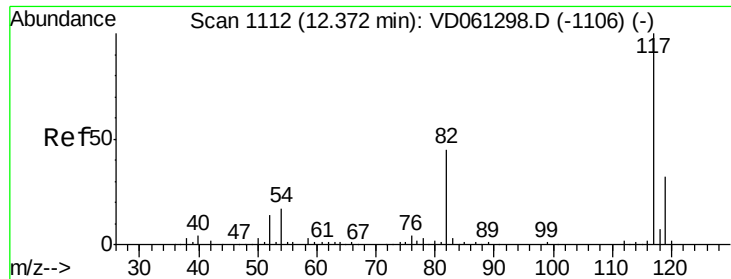


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

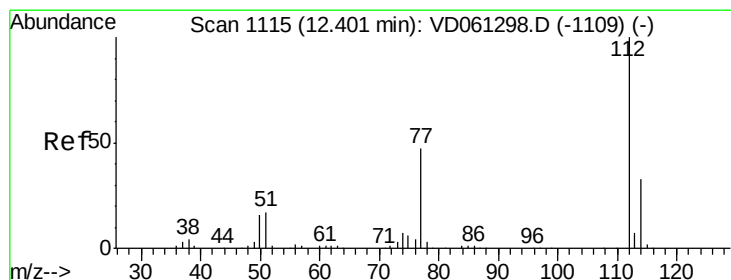
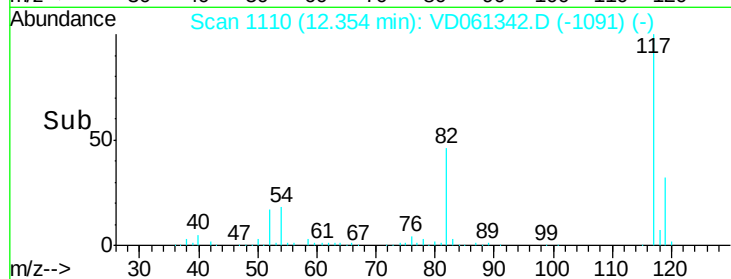
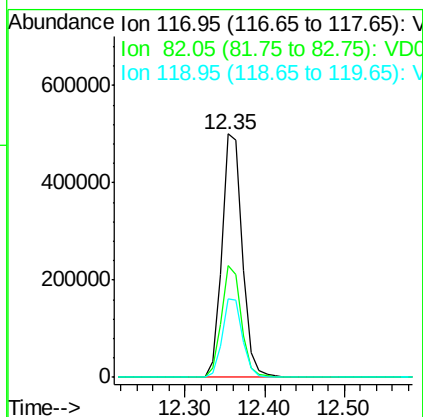
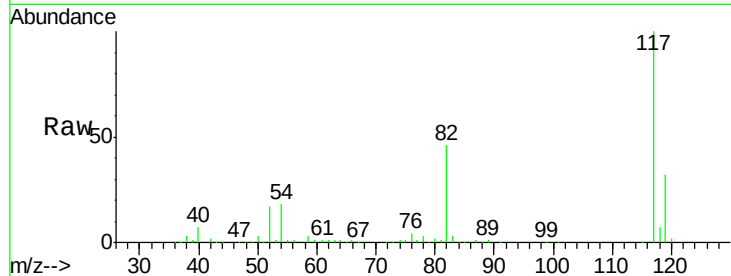




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD061342.D
Acq: 26 Mar 2019 18:03

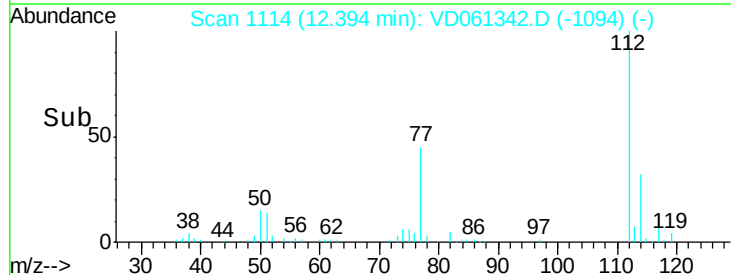
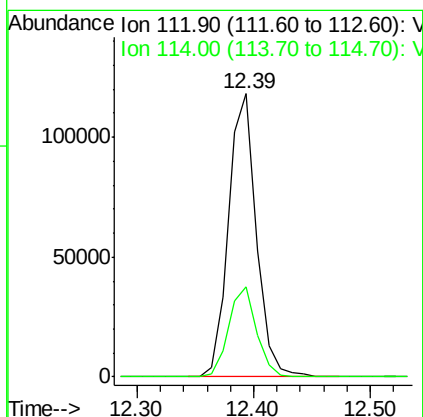
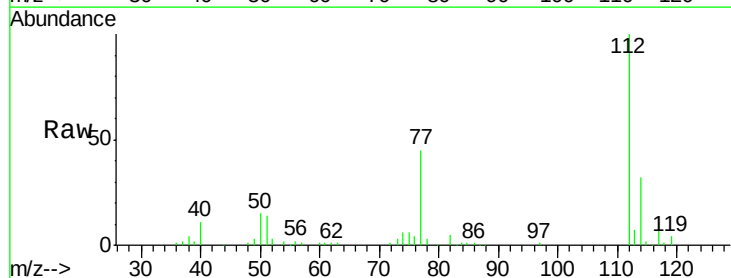
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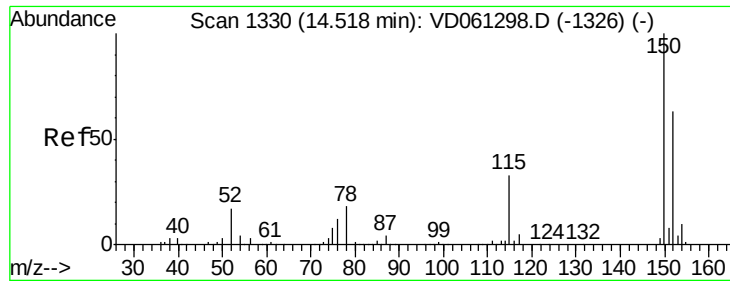
Tot Ion:117 Resp: 906030
Ion Ratio Lower Upper
117 100
82 45.7 35.7 53.5
119 32.4 25.9 38.9



#65
Chlorobenzene
Concen: 11.677 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VD061342.D
Acq: 26 Mar 2019 18:03

Tgt Ion:112 Resp: 194872
Ion Ratio Lower Upper
112 100
114 31.8 26.5 39.7



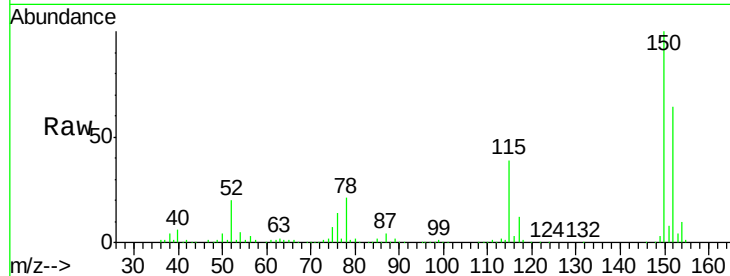


#72

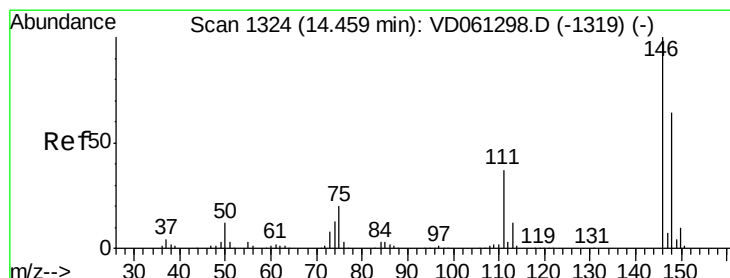
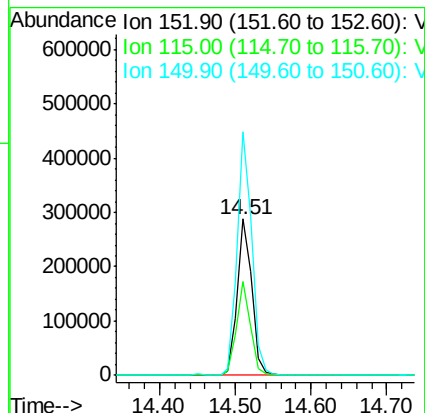
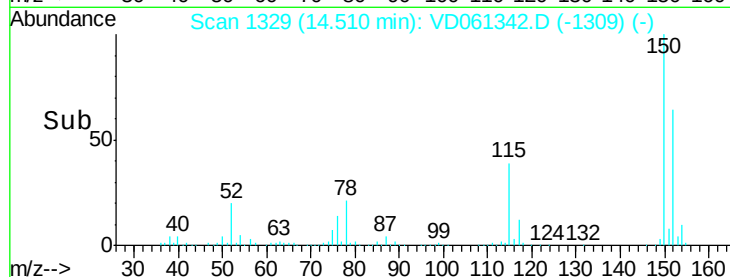
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061342.D
Acq: 26 Mar 2019 18:03

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

Tot Ion:152 Resp: 374593
Ion Ratio Lower Upper
152 100
115 60.2 29.2 87.6
150 156.1 0.0 319.6



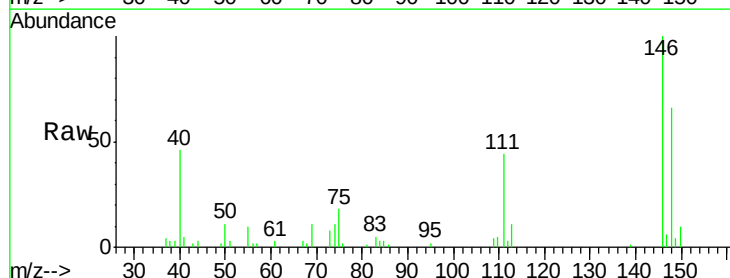
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



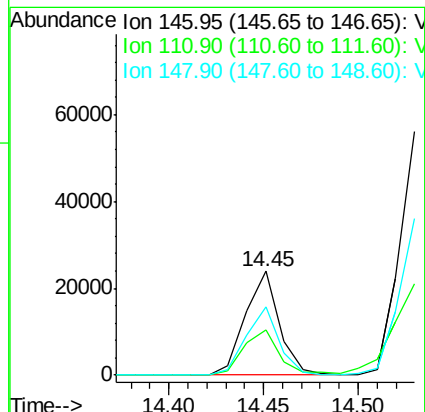
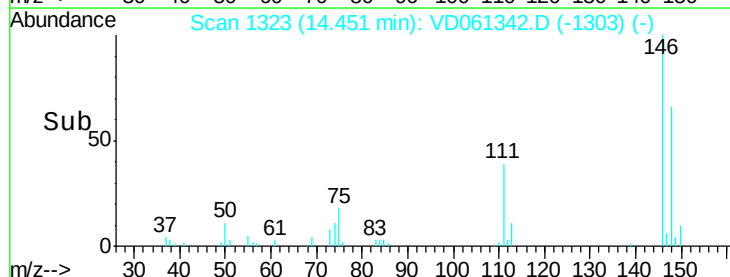
#87

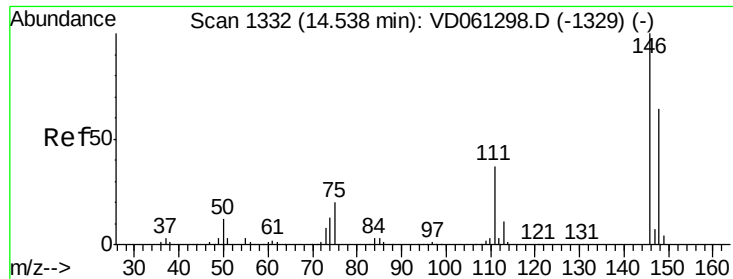
1,3-Dichlorobenzene
Concen: 2.477 ug/l
RT: 14.45 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VD061342.D
Acq: 26 Mar 2019 18:03

Tgt Ion:146 Resp: 29882
Ion Ratio Lower Upper
146 100
111 43.8 18.4 55.0
148 66.0 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

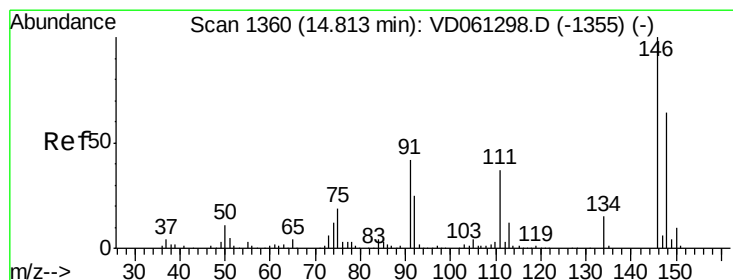
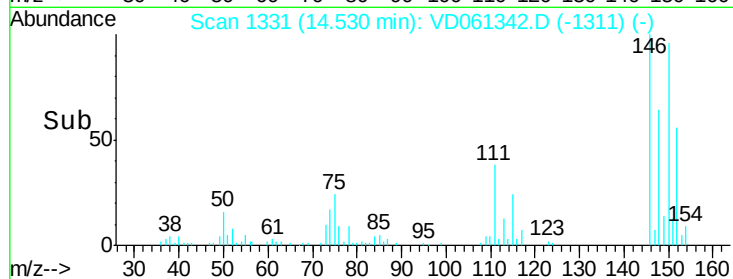
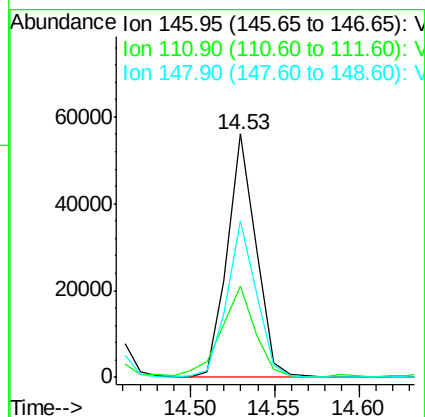
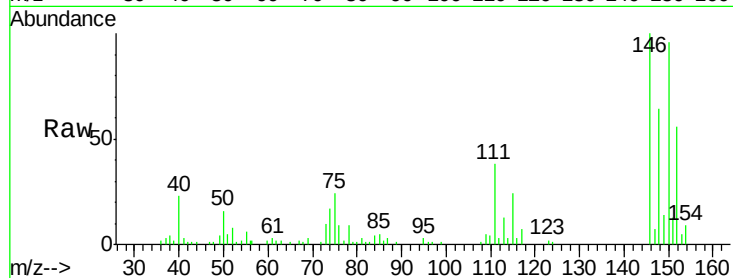




#88
 1,4-Dichlorobenzene
 Concen: 5.694 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD061342.D
 Acq: 26 Mar 2019 18:03

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

Tot Ion:146 Resp: 66539
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 55.6
 148 64.3 31.9 95.5



#91
 1,2-Dichlorobenzene
 Concen: 7.292 ug/l
 RT: 14.81 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: VD061342.D
 Acq: 26 Mar 2019 18:03

Tgt Ion:146 Resp: 70187
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.3 54.8
 148 66.7 31.9 95.7

