

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032619\
 Data File : VD061343.D
 Acq On : 26 Mar 2019 18:31
 Operator : VA/AP
 Sample : K2043-15RE
 Misc : 7.14g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 27 02:17:22 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

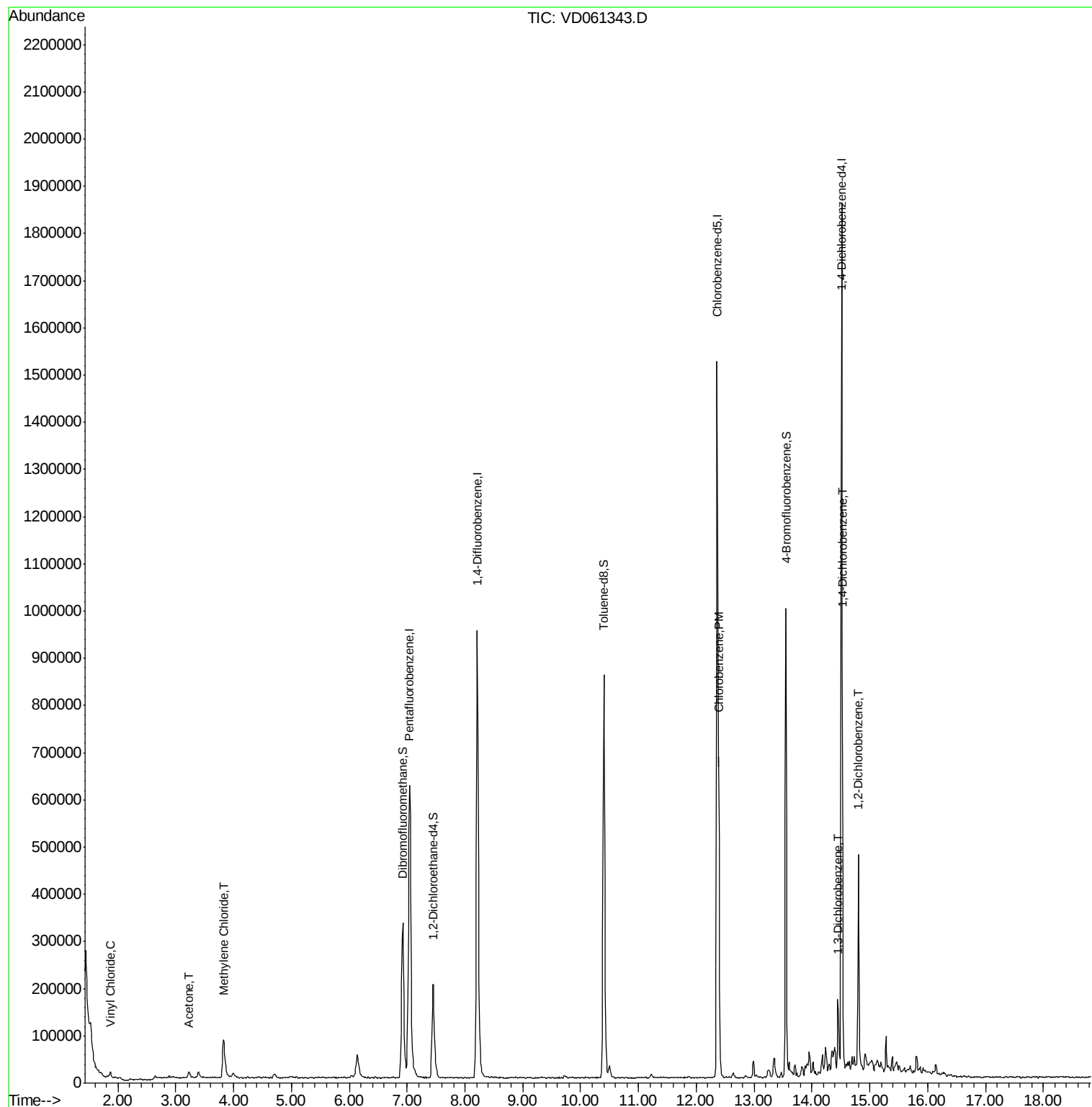
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	684386	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	1162971	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	953177	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	417706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	198964	33.70	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	67.40%	
35) Dibromofluoromethane	6.92	113	324269	36.44	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	72.88%	
50) Toluene-d8	10.40	98	761990	35.31	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	70.62%	
62) 4-Bromofluorobenzene	13.55	95	306340	36.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.78%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.87	62	12475	2.444	ug/l #	86
16) Acetone	3.22	43	21970	15.555	ug/l #	88
20) Methylene Chloride	3.82	84	63445	7.915	ug/l	97
65) Chlorobenzene	12.39	112	361055	20.565	ug/l	99
87) 1,3-Dichlorobenzene	14.44	146	51265	3.811	ug/l	92
88) 1,4-Dichlorobenzene	14.53	146	119732	9.189	ug/l	99
91) 1,2-Dichlorobenzene	14.80	146	141908	13.221	ug/l	92

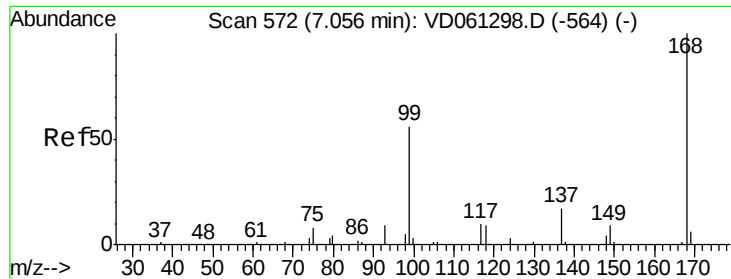
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032619\
Data File : VD061343.D
Acq On : 26 Mar 2019 18:31
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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: 7.04 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD061343.D

Acq: 26 Mar 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

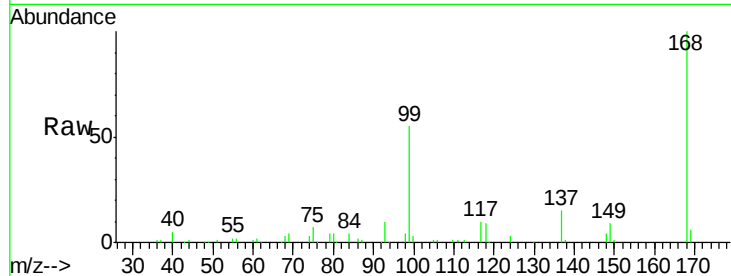
WP022SB433-190319-FD-(23-25)RE

Tot Ion:168 Resp: 684386

Ion Ratio Lower Upper

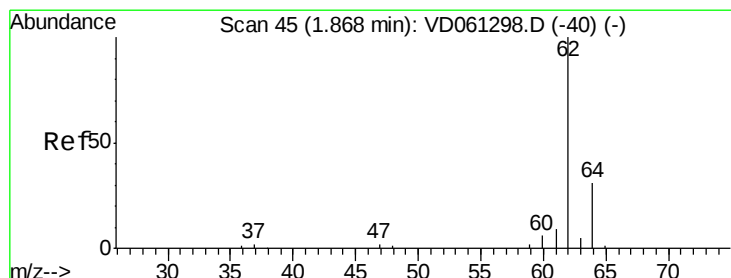
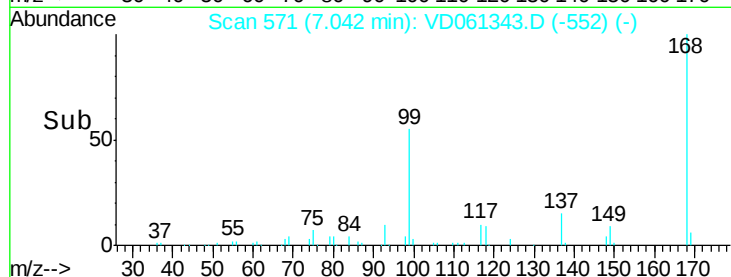
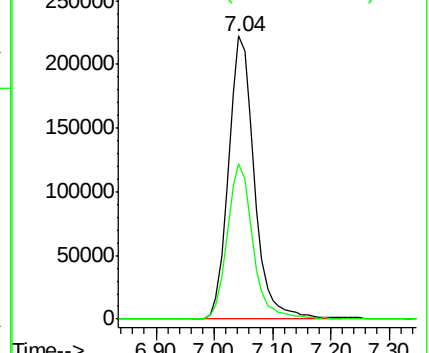
168 100

99 55.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#4

Vinyl Chloride

Concen: 2.444 ug/l

RT: 1.87 min Scan# 46

Delta R.T. 0.01 min

Lab File: VD061343.D

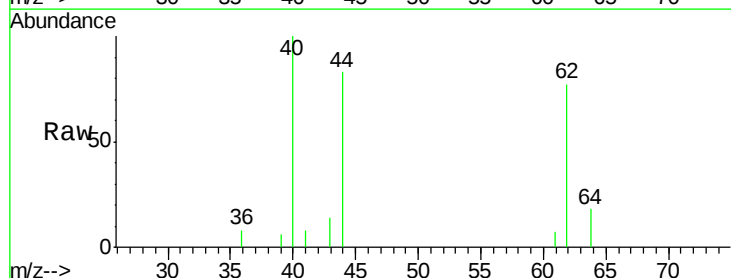
Acq: 26 Mar 2019 18:31

Tgt Ion: 62 Resp: 12475

Ion Ratio Lower Upper

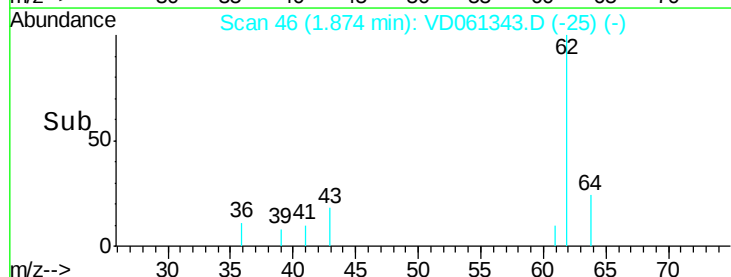
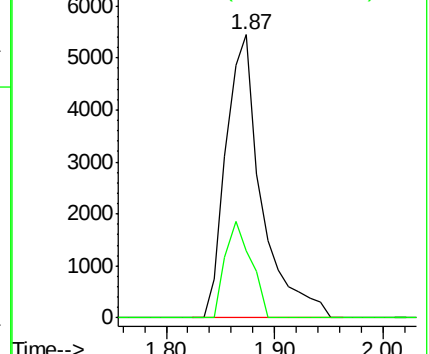
62 100

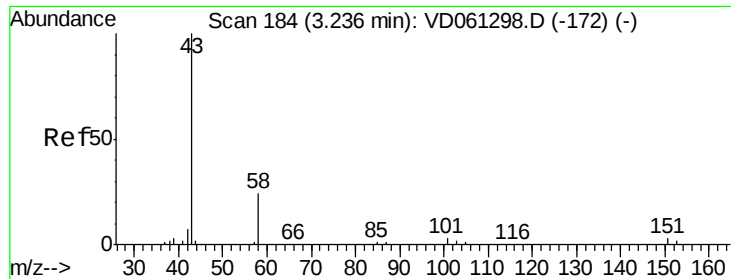
64 23.5 25.1 37.7#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#16

Acetone

Concen: 15.555 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD061343.D

Acq: 26 Mar 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

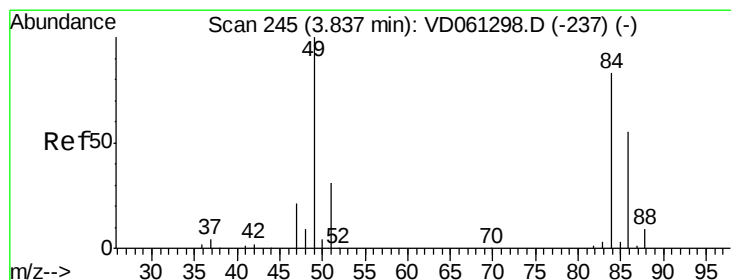
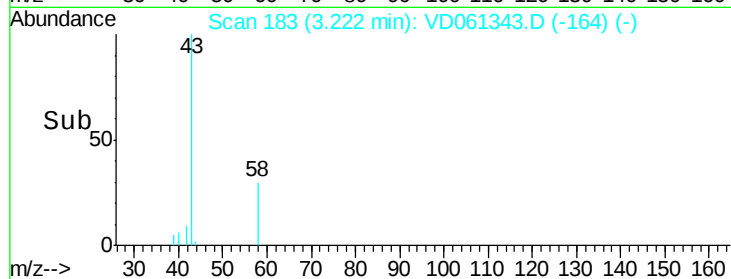
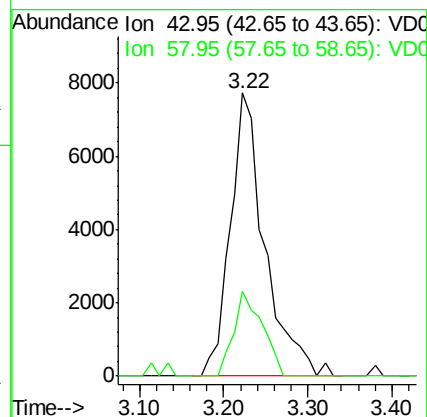
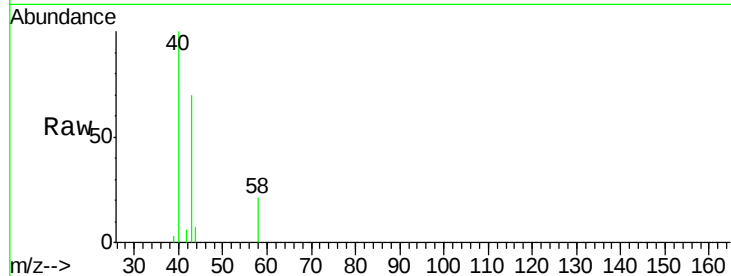
WP022SB433-190319-FD-(23-25)RE

Tot Ion: 43 Resp: 21970

Ion Ratio Lower Upper

43 100

58 29.9 19.4 29.0#



#20

Methylene Chloride

Concen: 7.915 ug/l

RT: 3.82 min Scan# 244

Delta R.T. -0.01 min

Lab File: VD061343.D

Acq: 26 Mar 2019 18:31

Tgt Ion: 84 Resp: 63445

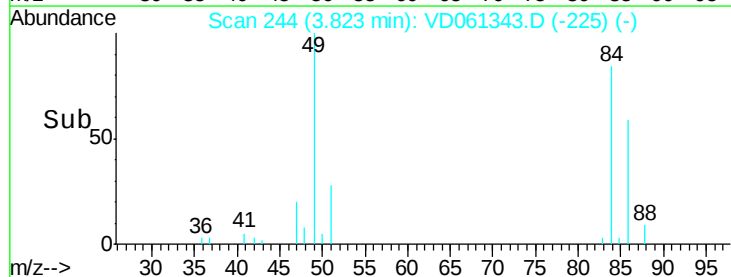
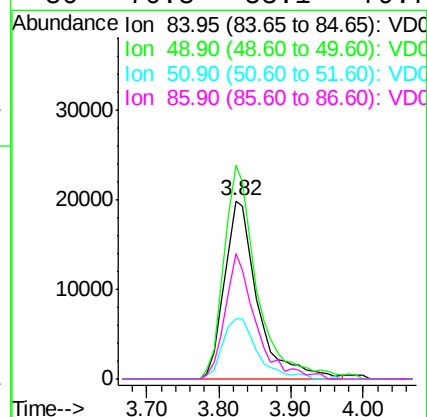
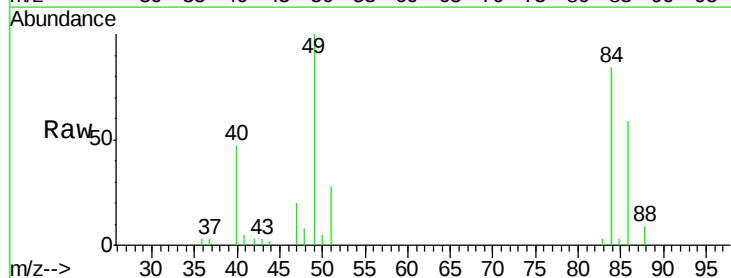
Ion Ratio Lower Upper

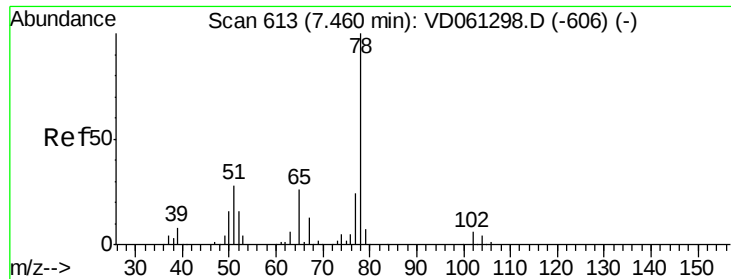
84 100

49 119.7 96.8 145.2

51 33.6 29.9 44.9

86 70.3 53.1 79.7

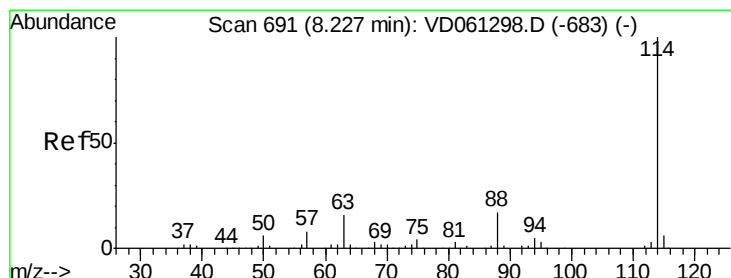
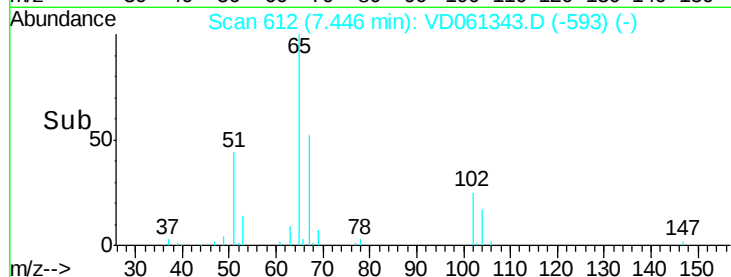
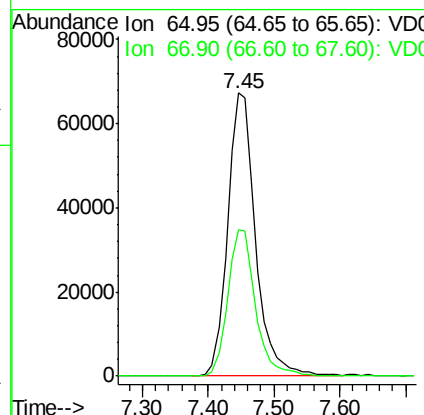
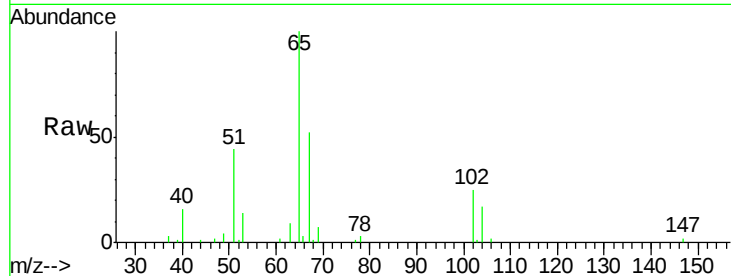




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD061343.D
 Acq: 26 Mar 2019 18:31

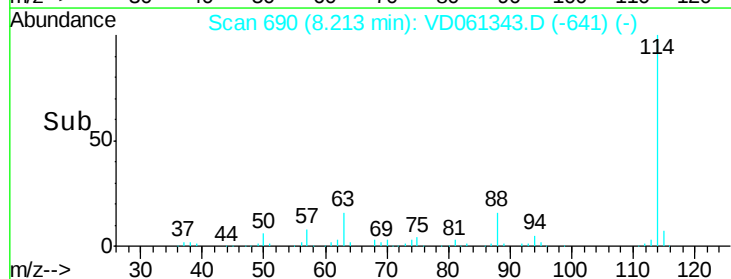
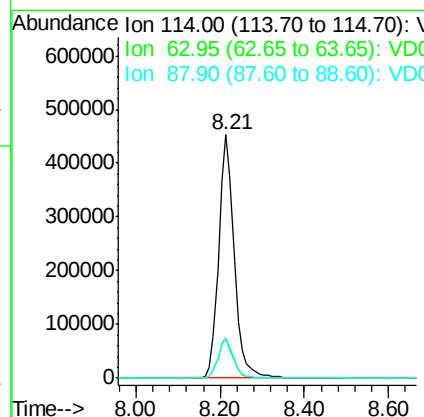
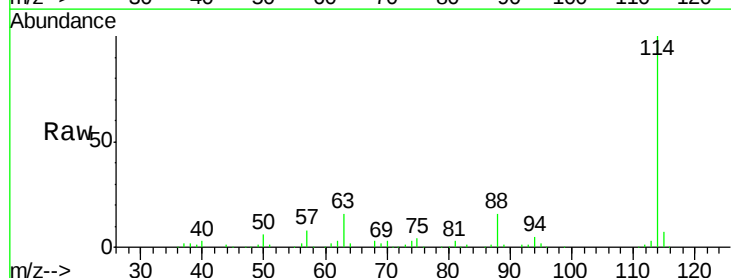
Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB433-190319-FD-(23-25)RE

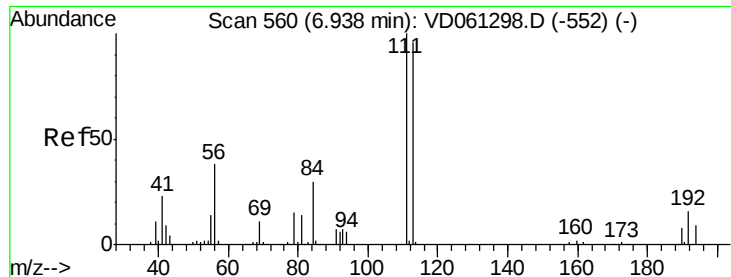
Tot Ion: 65 Resp: 198964
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD061343.D
 Acq: 26 Mar 2019 18:31

Tgt Ion: 114 Resp: 1162971
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 31.4
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD061343.D

Acq: 26 Mar 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

WP022SB433-190319-FD-(23-25)RE

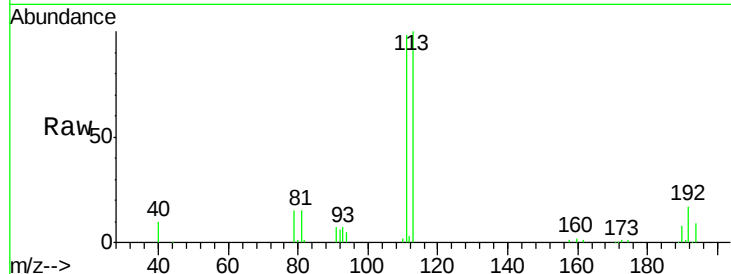
Tot Ion:113 Resp: 324269

Ion Ratio Lower Upper

113 100

111 98.2 83.7 125.5

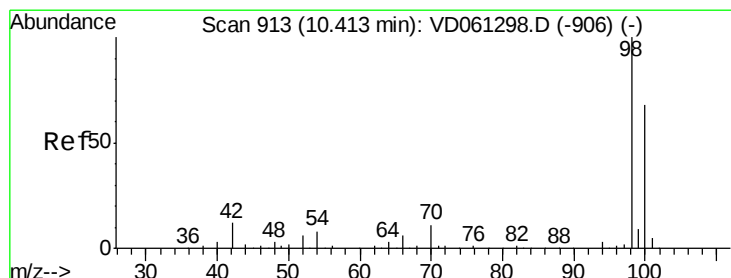
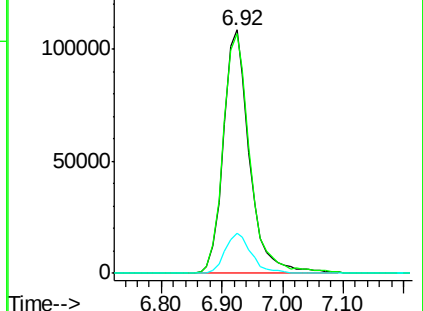
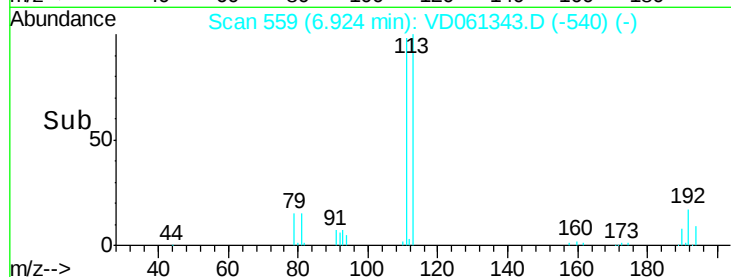
192 16.7 13.4 20.0



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: VD061343.D

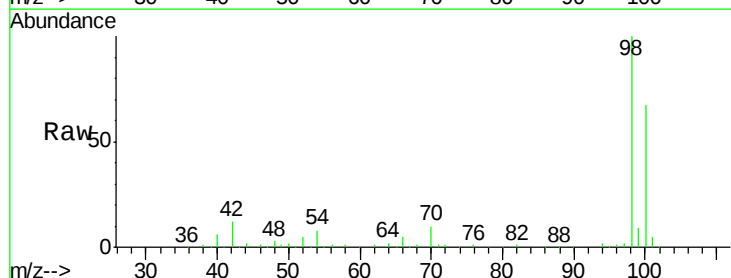
Acq: 26 Mar 2019 18:31

Tgt Ion: 98 Resp: 761990

Ion Ratio Lower Upper

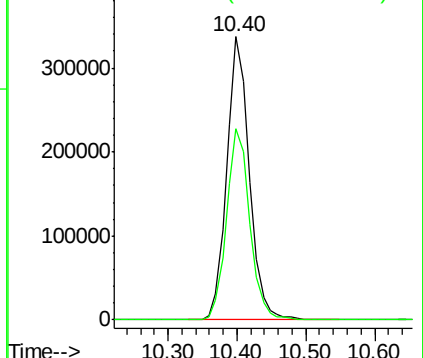
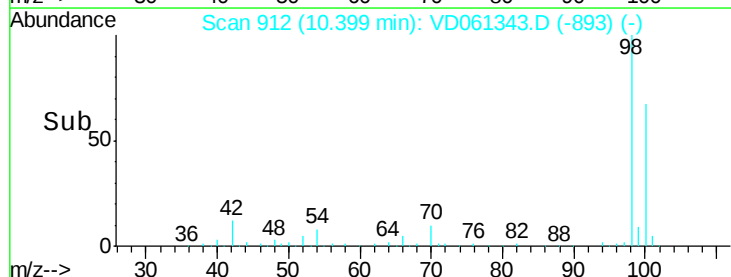
98 100

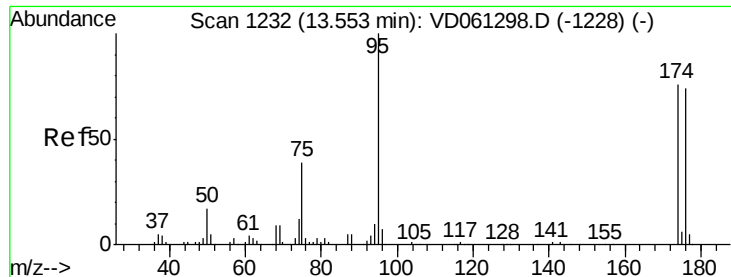
100 67.4 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

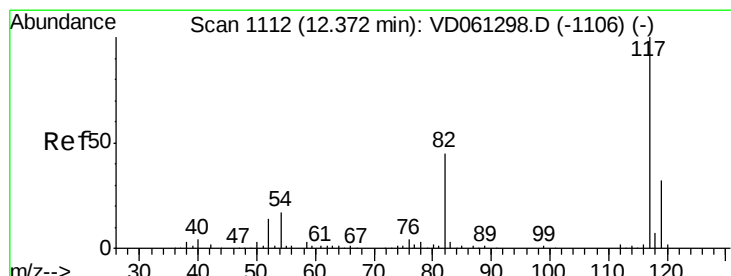
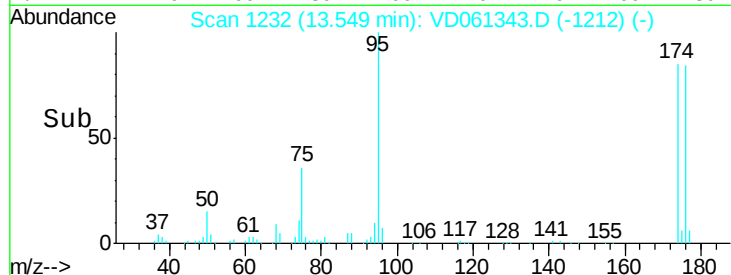
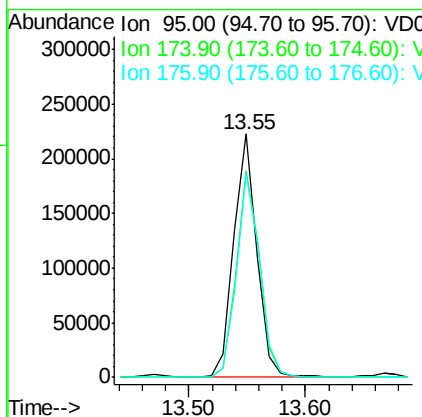
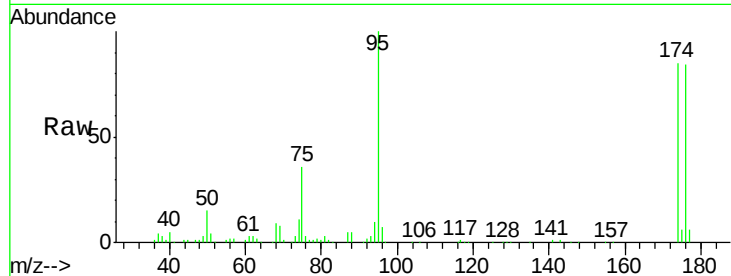




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061343.D
Acq: 26 Mar 2019 18:31

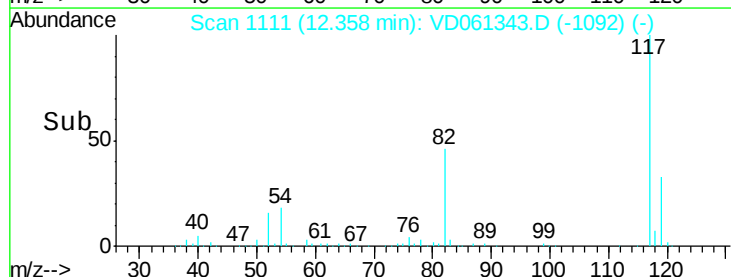
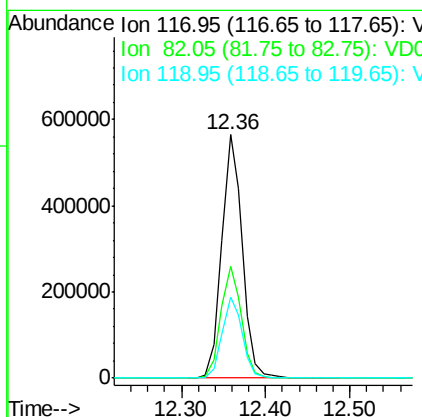
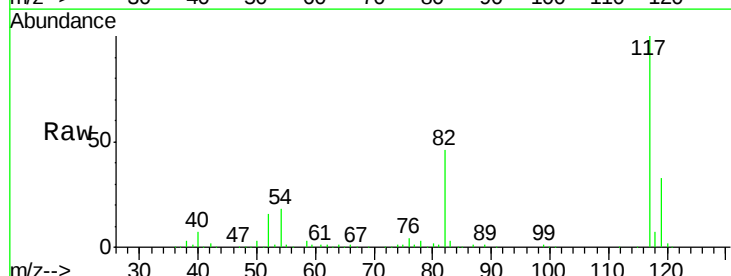
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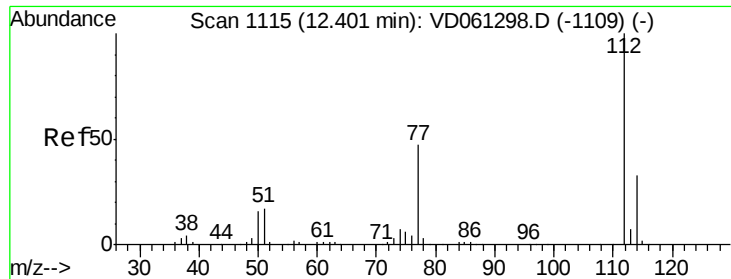
Tot Ion: 95 Resp: 306340
Ion Ratio Lower Upper
95 100
174 84.8 0.0 151.8
176 83.7 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD061343.D
Acq: 26 Mar 2019 18:31

Tgt Ion: 117 Resp: 953177
Ion Ratio Lower Upper
117 100
82 46.1 35.7 53.5
119 33.4 25.9 38.9

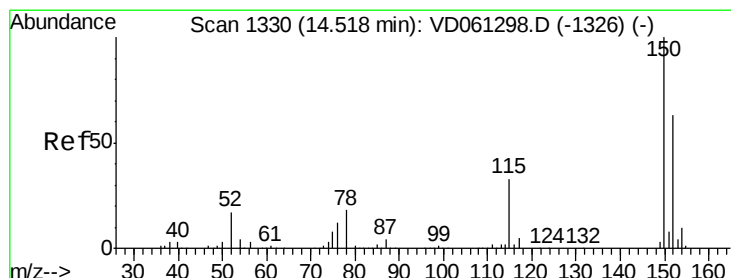
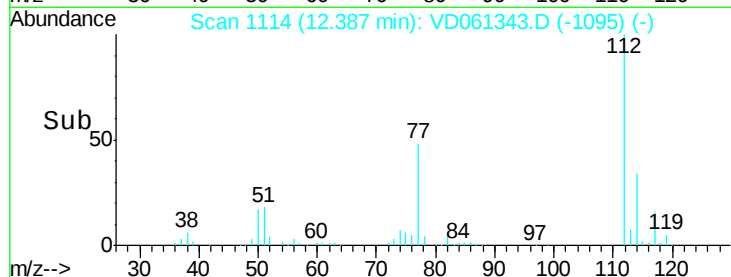
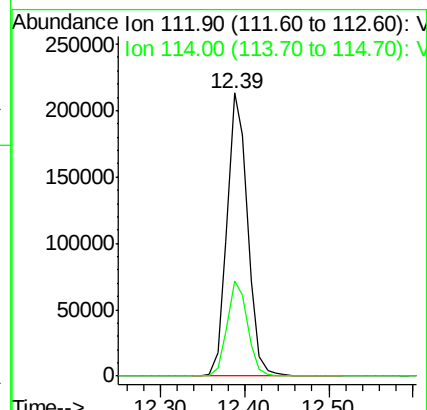
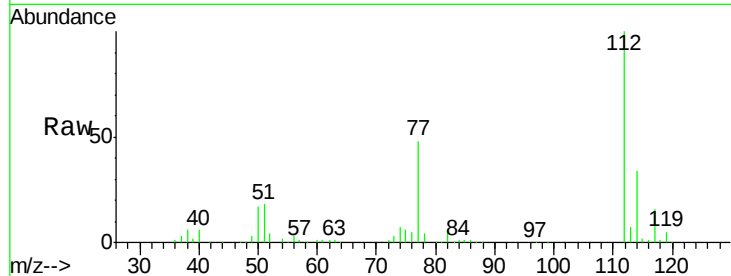




#65
Chlorobenzene
Concen: 20.565 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VD061343.D
Acq: 26 Mar 2019 18:31

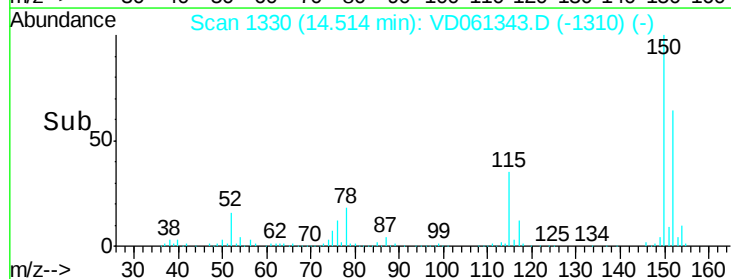
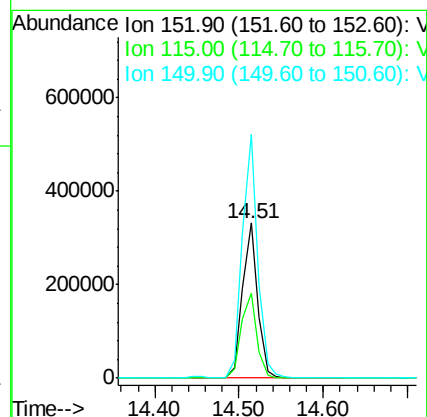
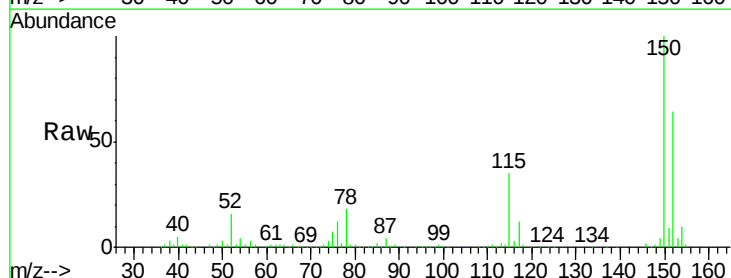
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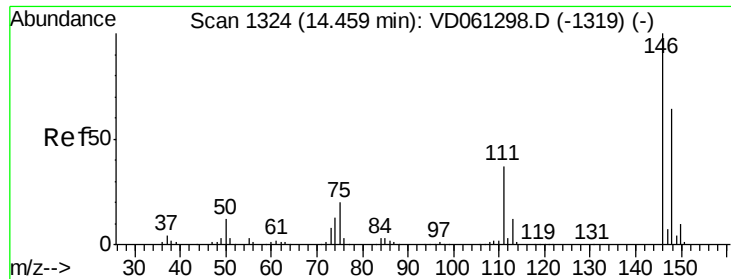
Tot Ion:112 Resp: 361055
Ion Ratio Lower Upper
112 100
114 33.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061343.D
Acq: 26 Mar 2019 18:31

Tgt Ion:152 Resp: 417706
Ion Ratio Lower Upper
152 100
115 54.5 29.2 87.6
150 156.9 0.0 319.6

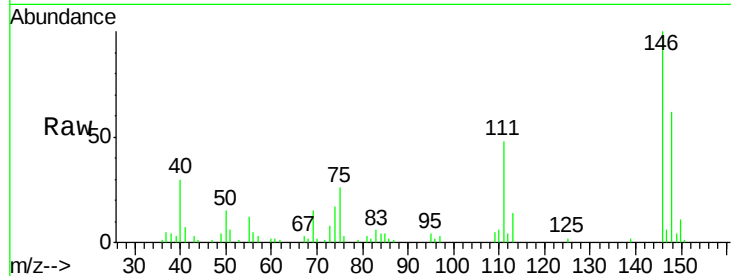




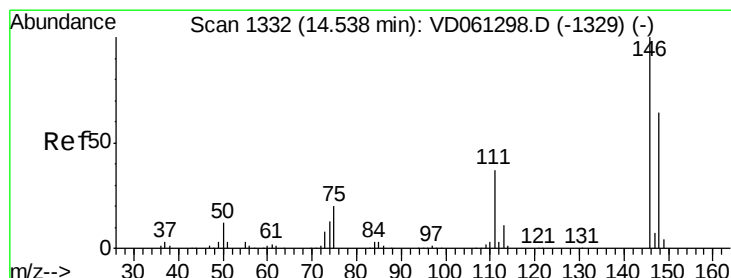
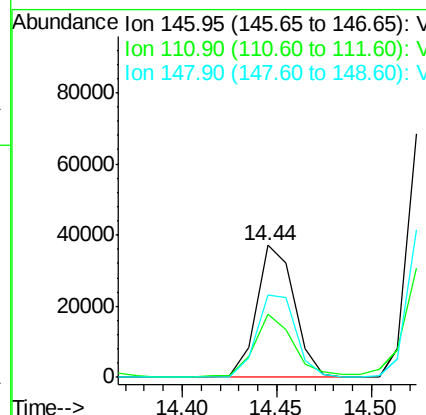
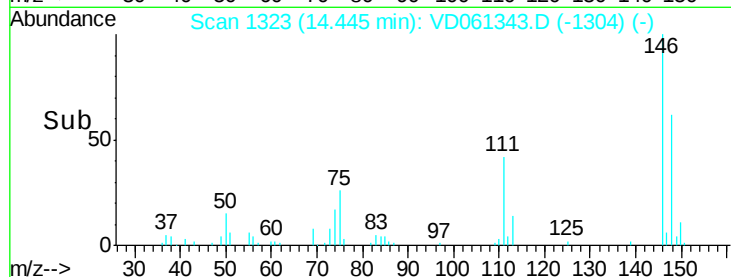
#87
 1,3-Dichlorobenzene
 Concen: 3.811 ug/l
 RT: 14.44 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD061343.D
 Acq: 26 Mar 2019 18:31

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

Tot Ion:146 Resp: 51265
 Ion Ratio Lower Upper
 146 100
 111 48.4 18.4 55.0
 148 62.5 32.0 96.2

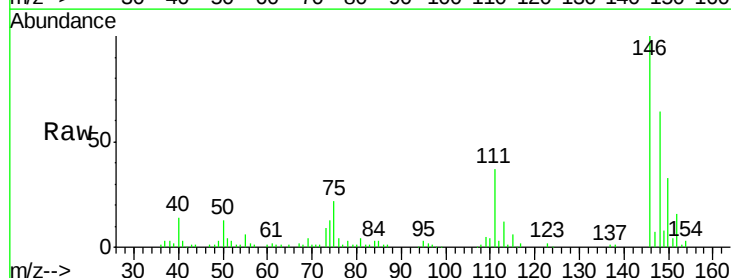


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

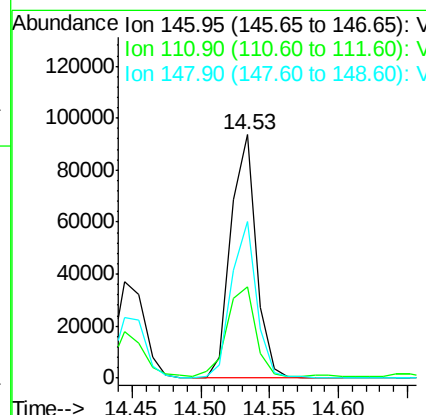
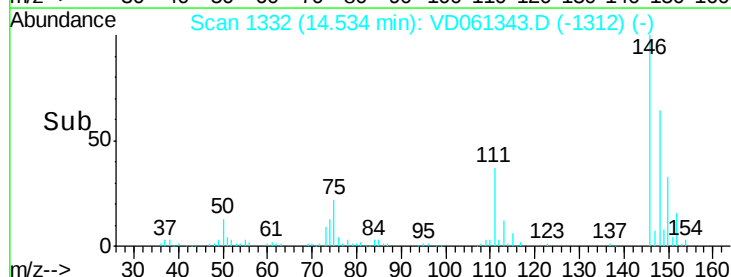


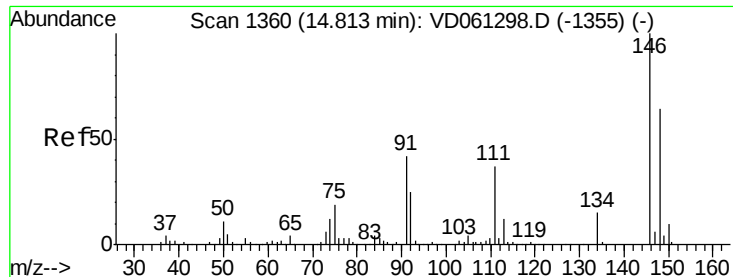
#88
 1,4-Dichlorobenzene
 Concen: 9.189 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD061343.D
 Acq: 26 Mar 2019 18:31

Tgt Ion:146 Resp: 119732
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 55.6
 148 64.1 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: 13.221 ug/l
 RT: 14.80 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: VD061343.D
 Acq: 26 Mar 2019 18:31

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

Tot Ion:	146	Resp:	141908
Ion	Ratio	Lower	Upper
146	100		
111	44.7	18.3	54.8
148	67.5	31.9	95.7

