

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062213.D
 Acq On : 10 May 2019 14:08
 Operator : FY/SY
 Sample : K2718-04RE
 Misc : 4.92g/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS005-0206-01RE

Quant Time: May 10 23:56:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

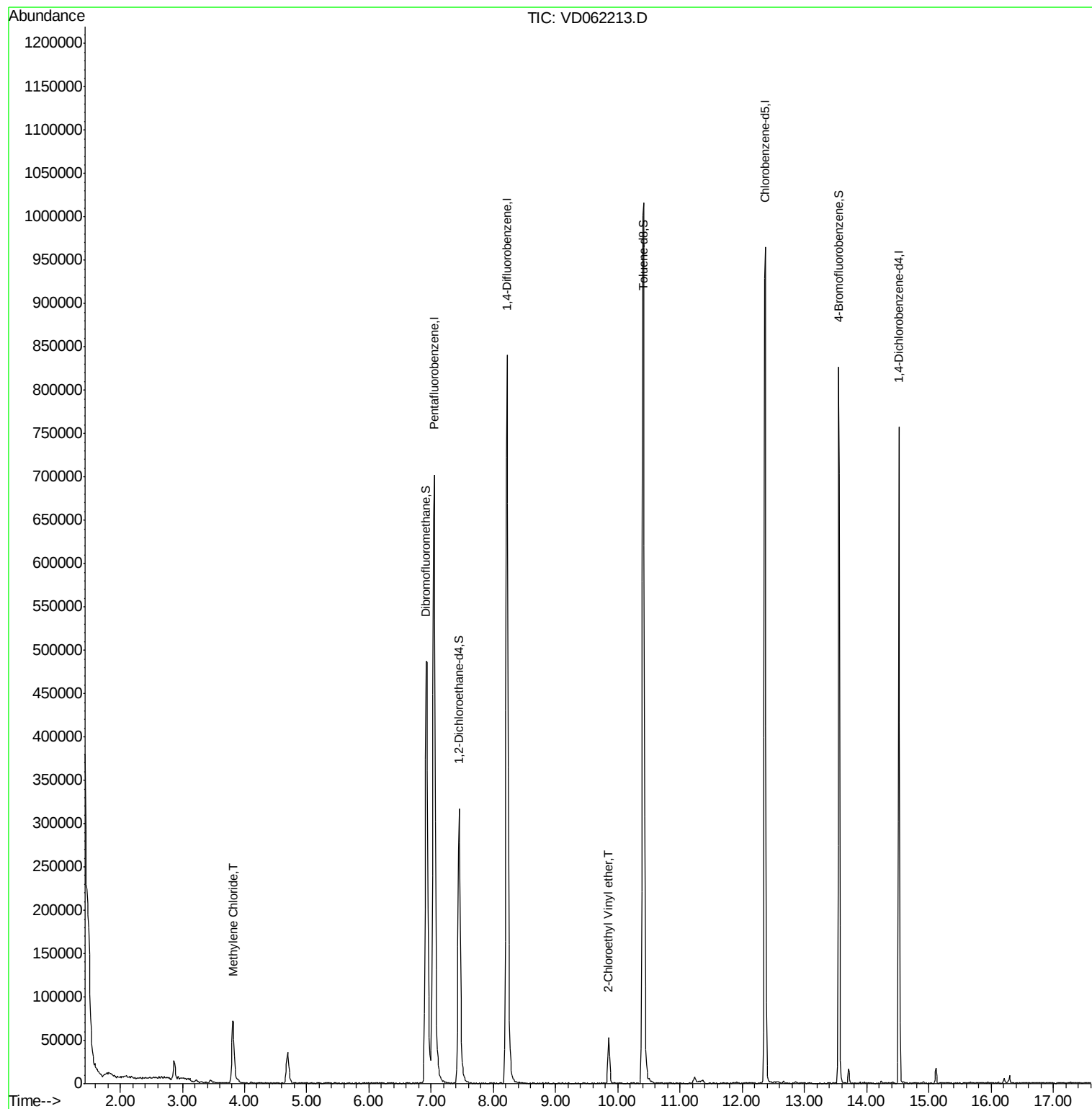
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	682645	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	945933	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	586338	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	162950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	360868	56.88	ug/l	0.02
Spiked Amount 50.000			Recovery	=	113.76%	
35) Dibromofluoromethane	6.92	113	458974	58.48	ug/l	0.02
Spiked Amount 50.000			Recovery	=	116.96%	
50) Toluene-d8	10.41	98	883772	46.70	ug/l	0.01
Spiked Amount 50.000			Recovery	=	93.40%	
62) 4-Bromofluorobenzene	13.55	95	245173	32.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.52%	
Target Compounds						
20) Methylene Chloride	3.81	84	51139	9.206	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.85	63	27225	11.896	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

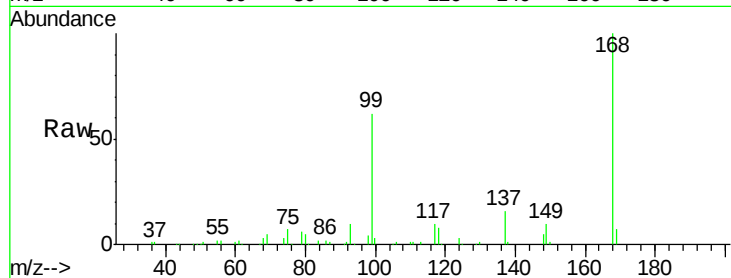
P026-SS005-0206-01RE

Tot Ion:168 Resp: 682645

Ion Ratio Lower Upper

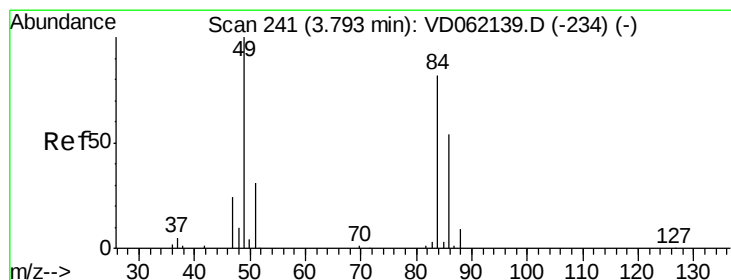
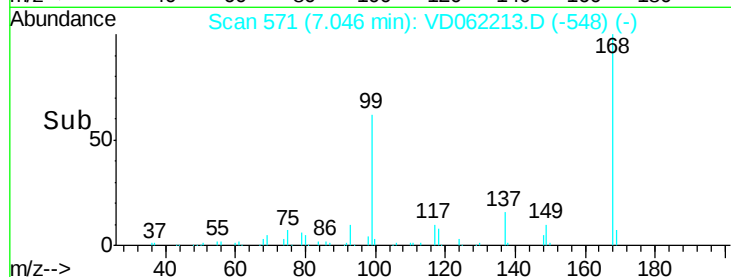
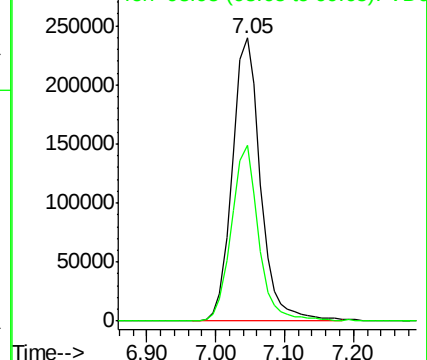
168 100

99 62.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 9.206 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD062213.D

Acq: 10 May 2019 14:08

Tgt Ion: 84 Resp: 51139

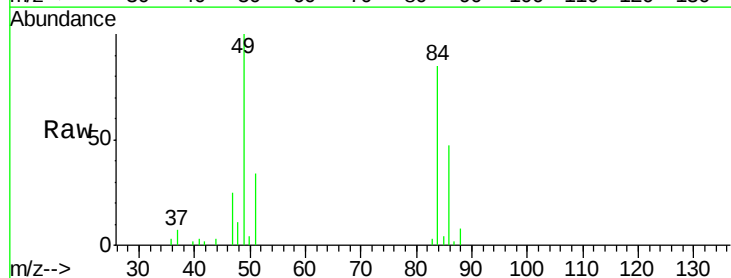
Ion Ratio Lower Upper

84 100

49 117.3 94.0 141.0

51 40.3 29.0 43.4

86 54.9 49.8 74.6

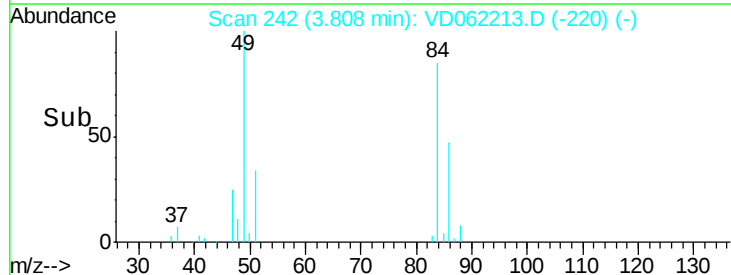
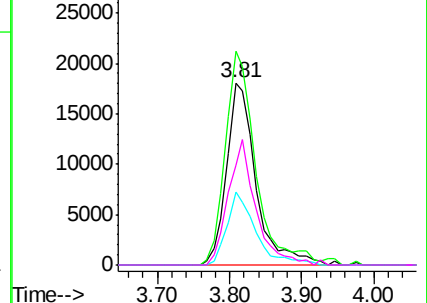


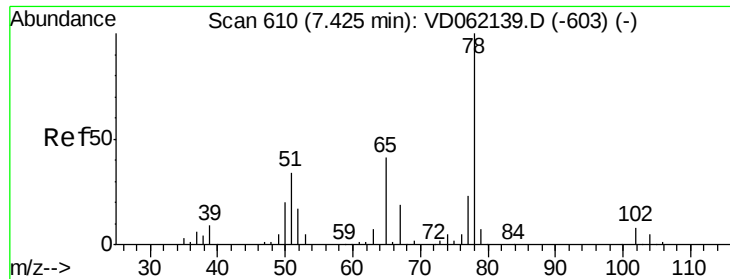
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 56.884 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD062213.D

Acq: 10 May 2019 14:08

Instrument :

MSVOA_D

ClientSampleId :

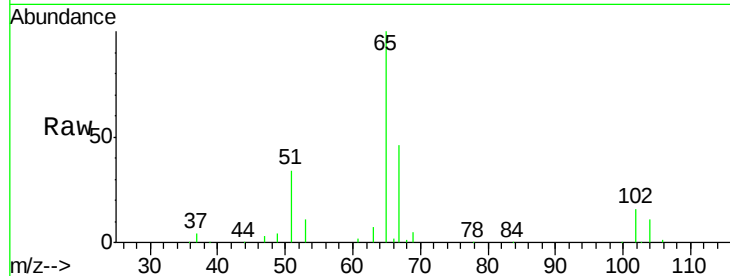
P026-SS005-0206-01RE

Tot Ion: 65 Resp: 360868

Ion Ratio Lower Upper

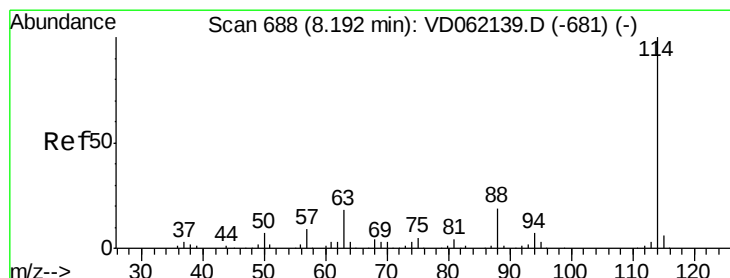
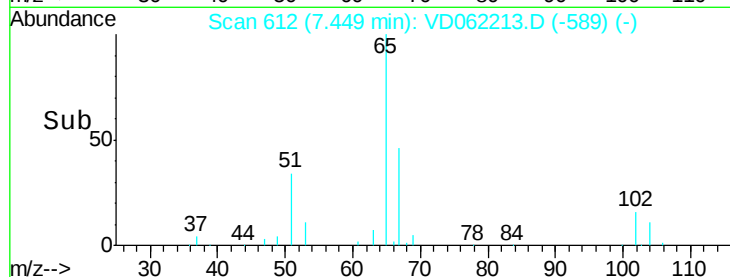
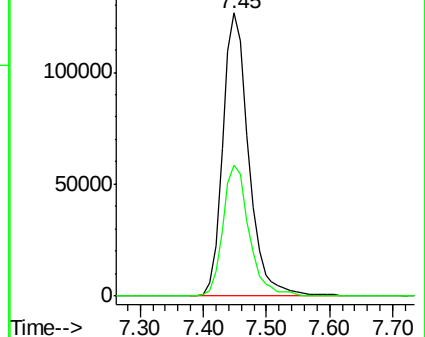
65 100

67 46.3 0.0 98.0



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: 8.22 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD062213.D

Acq: 10 May 2019 14:08

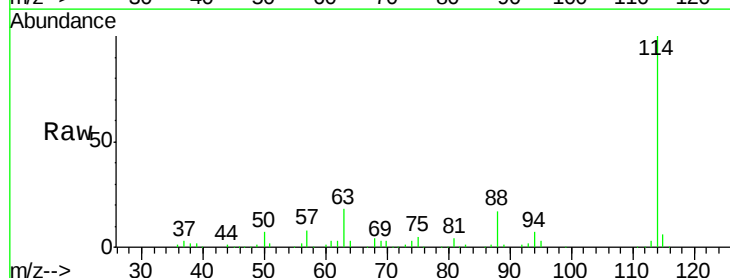
Tgt Ion: 114 Resp: 945933

Ion Ratio Lower Upper

114 100

63 17.7 0.0 32.4

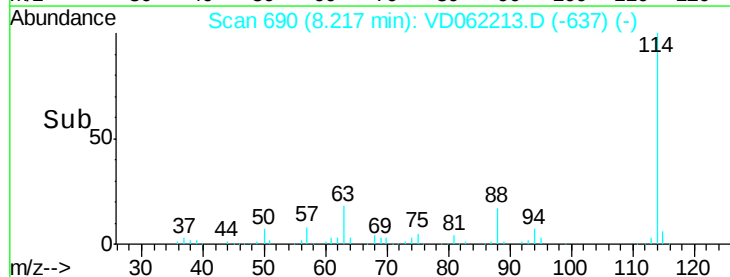
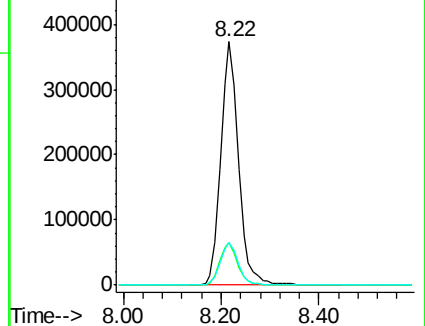
88 17.4 0.0 33.6

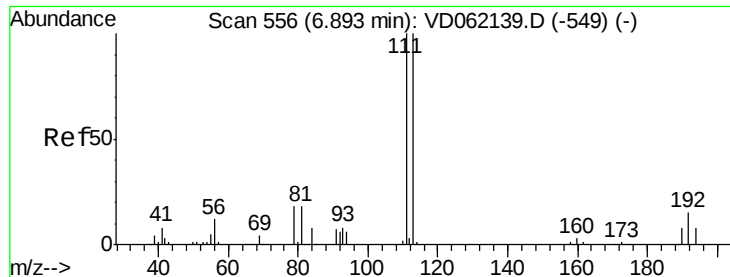


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

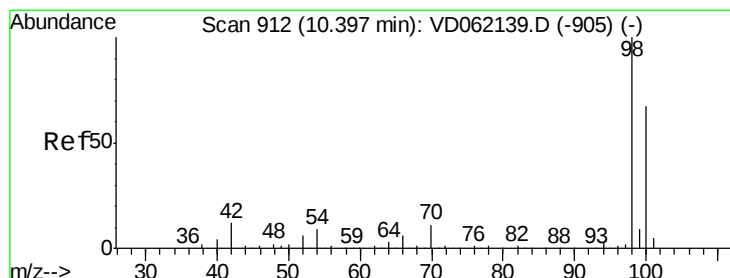
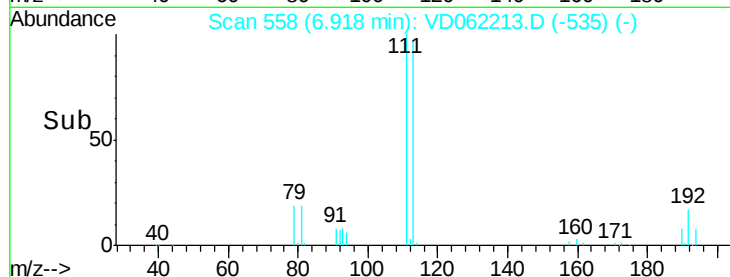
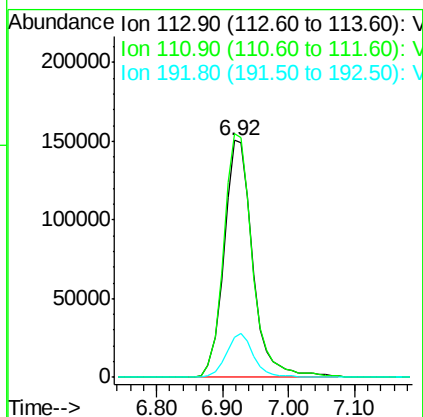
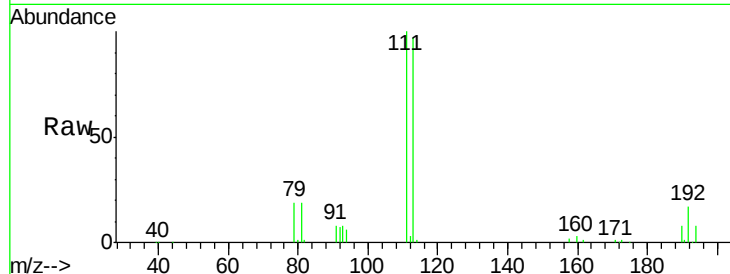




#35
 Dibromofluoromethane
 Concen: 58.479 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD062213.D
 Acq: 10 May 2019 14:08

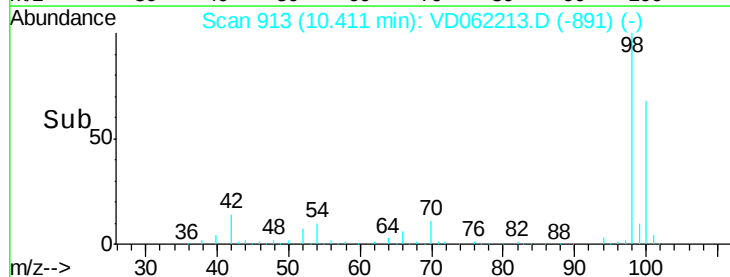
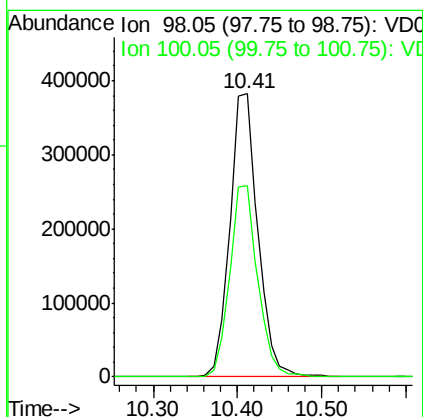
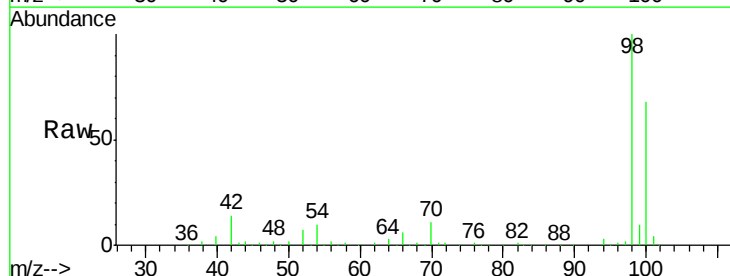
Instrument :
 MSVOA_D
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 P026-SS005-0206-01RE

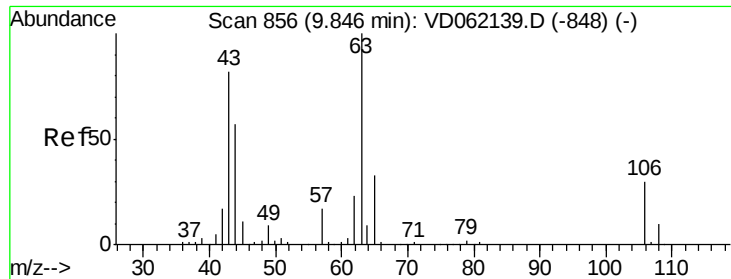
Tot Ion:113 Resp: 458974
 Ion Ratio Lower Upper
 113 100
 111 102.8 78.5 117.7
 192 17.1 13.0 19.4



#50
 Toluene-d8
 Concen: 46.703 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD062213.D
 Acq: 10 May 2019 14:08

Tgt Ion: 98 Resp: 883772
 Ion Ratio Lower Upper
 98 100
 100 67.6 53.8 80.8

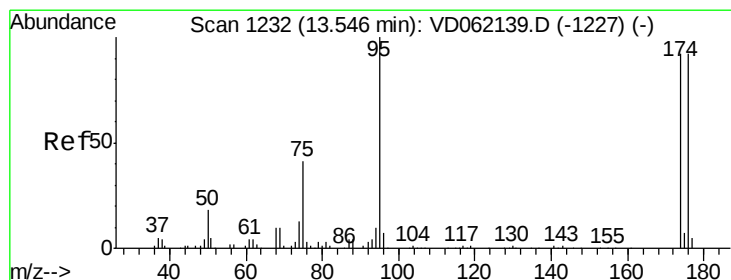
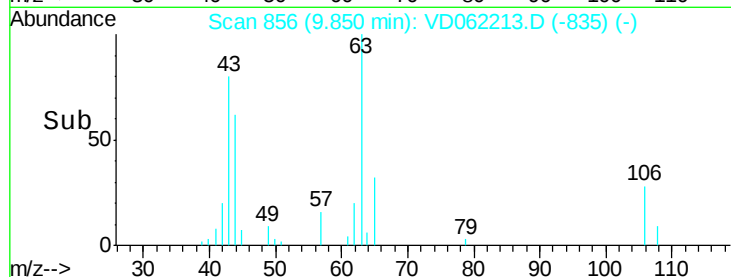
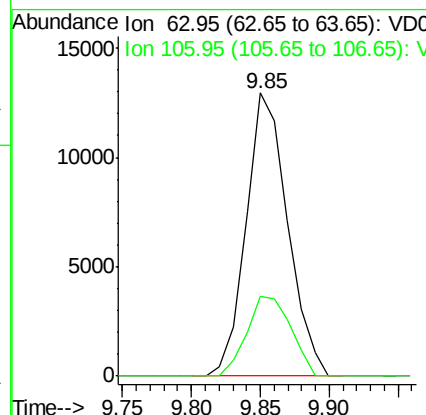
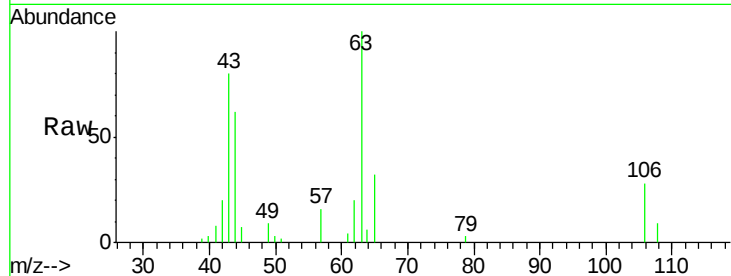




#58
 2-Chloroethyl Vinyl ether
 Concen: 11.896 ug/l
 RT: 9.85 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VD062213.D
 Acq: 10 May 2019 14:08

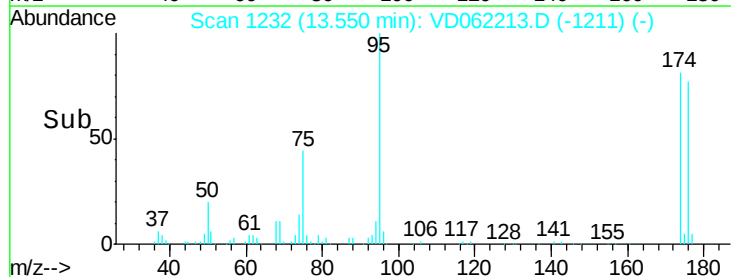
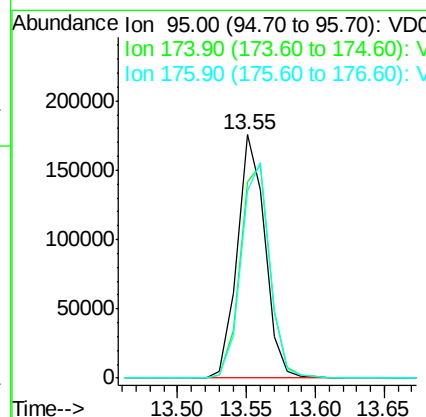
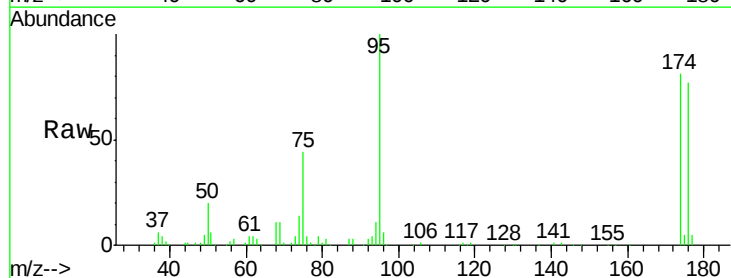
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS005-0206-01RE

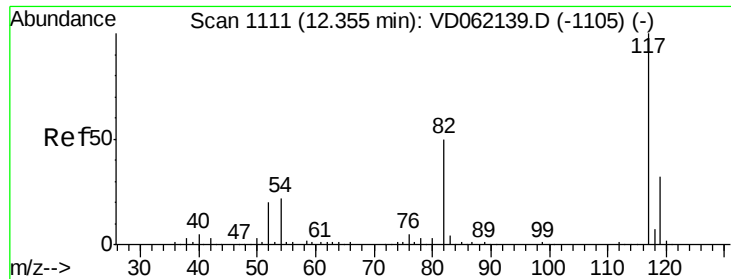
Tot Ion: 63 Resp: 27225
 Ion Ratio Lower Upper
 63 100
 106 28.3 22.6 34.0



#62
 4-Bromofluorobenzene
 Concen: 32.264 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VD062213.D
 Acq: 10 May 2019 14:08

Tgt Ion: 95 Resp: 245173
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 181.8
 176 76.7 0.0 174.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD062213.D

Acq: 10 May 2019 14:08

Instrument :

MSVOA_D

ClientSampleId :

P026-SS005-0206-01RE

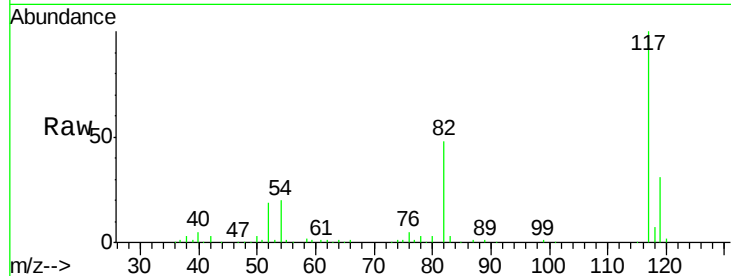
Tot Ion:117 Resp: 586338

Ion Ratio Lower Upper

117 100

82 48.1 36.2 54.2

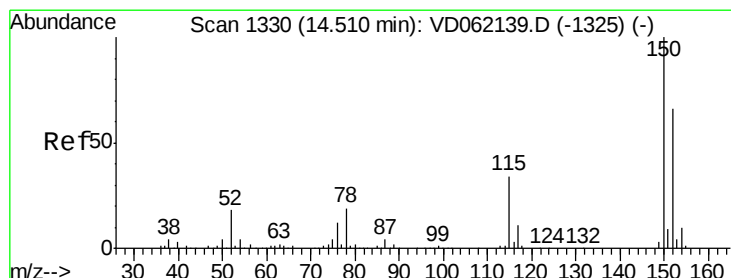
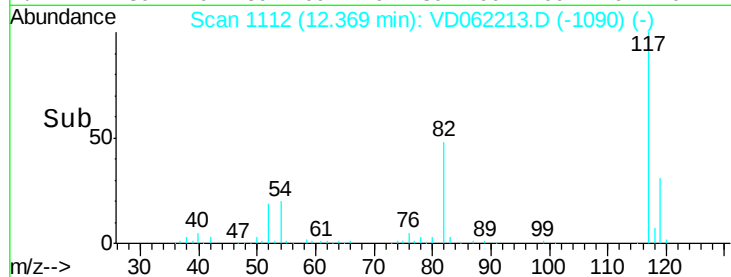
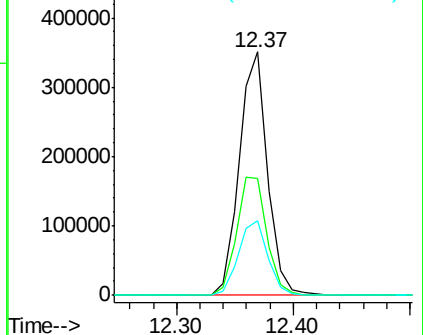
119 30.9 26.2 39.4



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: 14.51 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062213.D

Acq: 10 May 2019 14:08

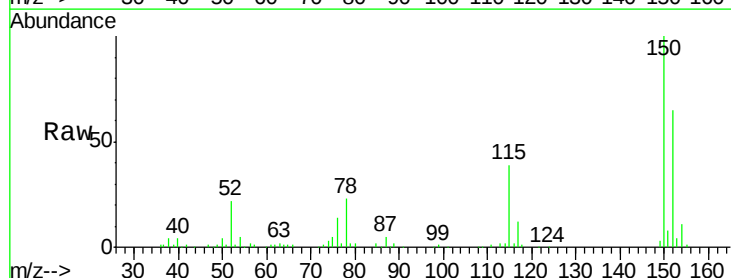
Tgt Ion:152 Resp: 162950

Ion Ratio Lower Upper

152 100

115 59.3 30.9 92.7

150 153.8 0.0 314.8



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

