

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061658.D
 Acq On : 8 Apr 2019 18:43
 Operator : VA/AP
 Sample : K2258-02RE
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STONERE

Quant Time: Apr 09 01:56:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

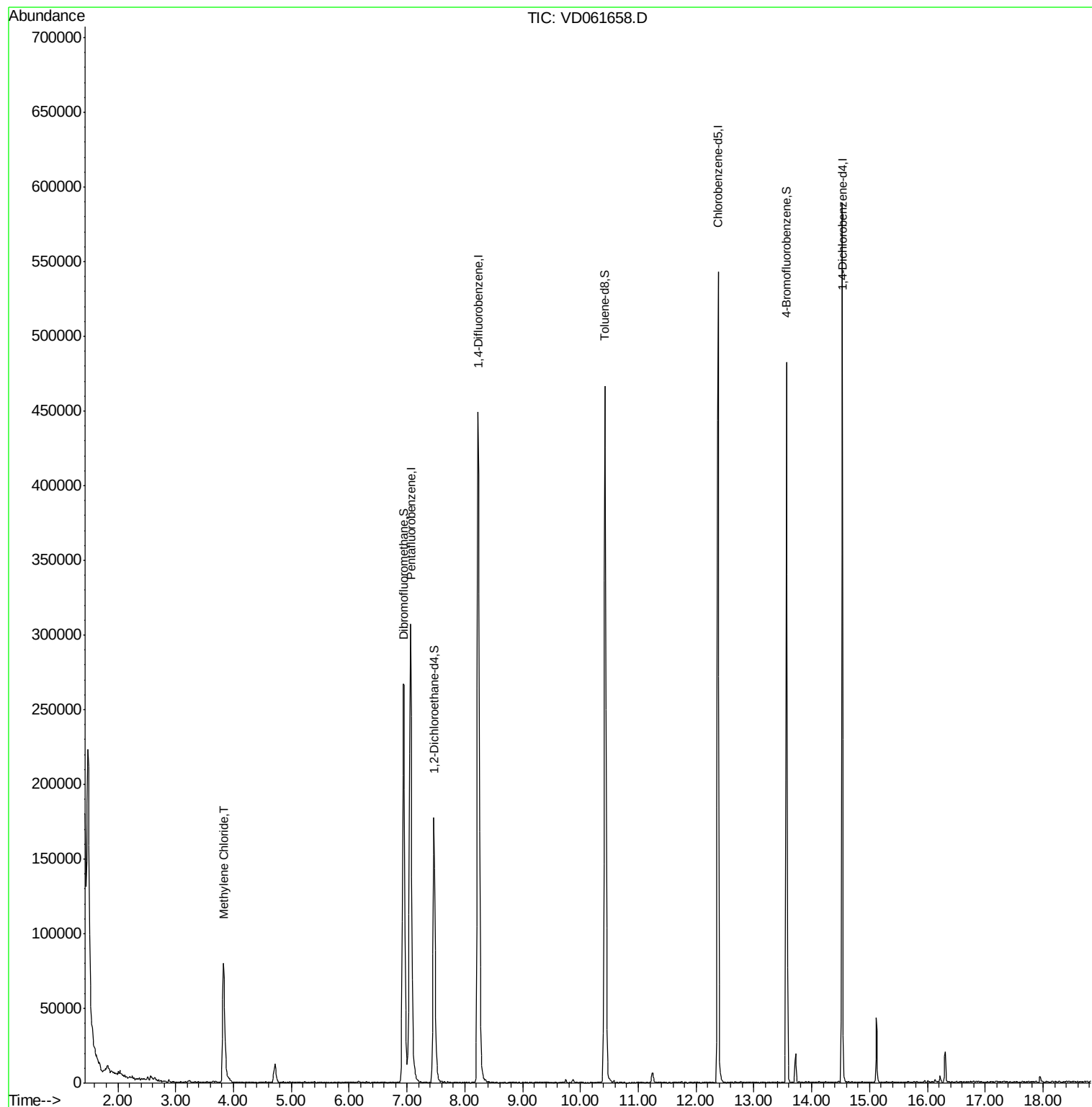
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	331017	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.23	114	551935	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	348209	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	135627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	173785	69.26	ug/l	0.02
Spiked Amount 50.000			Recovery	=	138.52%	
35) Dibromofluoromethane	6.95	113	256896	67.19	ug/l	0.03
Spiked Amount 50.000			Recovery	=	134.38%	
50) Toluene-d8	10.42	98	422081	43.94	ug/l	0.02
Spiked Amount 50.000			Recovery	=	87.88%	
62) 4-Bromofluorobenzene	13.56	95	148140	42.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.02%	
Target Compounds						
20) Methylene Chloride	3.83	84	58078	13.646	ug/l	Qvalue 97

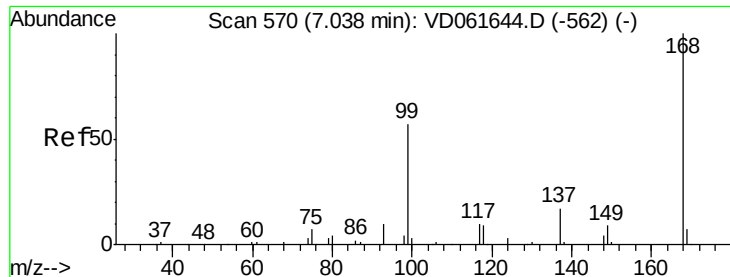
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.03 min

Lab File: VD061658.D

Acq: 8 Apr 2019 18:43

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MSVOA_D

ClientSampleId :

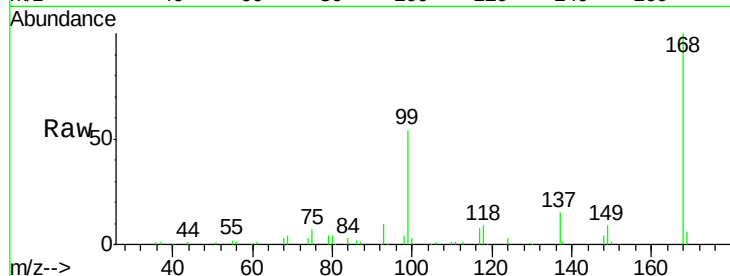
STONERE

Tot Ion:168 Resp: 331017

Ion Ratio Lower Upper

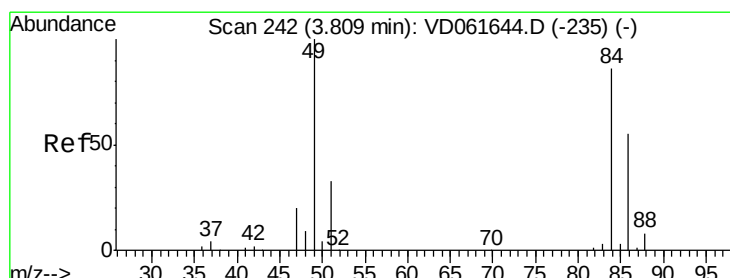
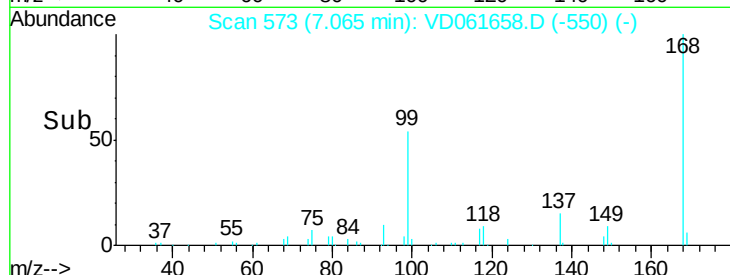
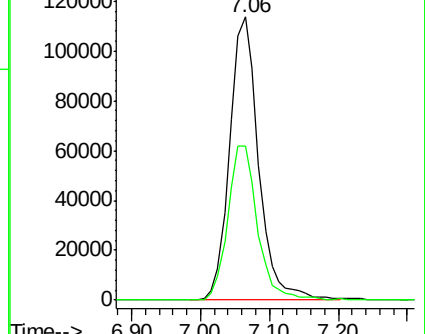
168 100

99 54.5 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 13.646 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061658.D

Acq: 8 Apr 2019 18:43

Tgt Ion: 84 Resp: 58078

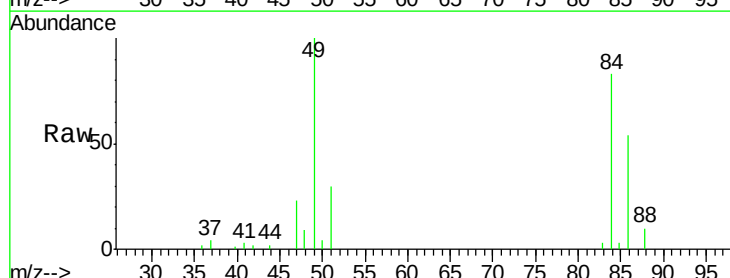
Ion Ratio Lower Upper

84 100

49 121.2 93.0 139.4

51 36.8 30.4 45.6

86 65.4 51.0 76.4

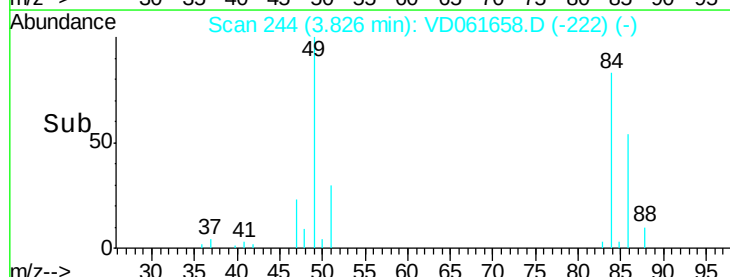
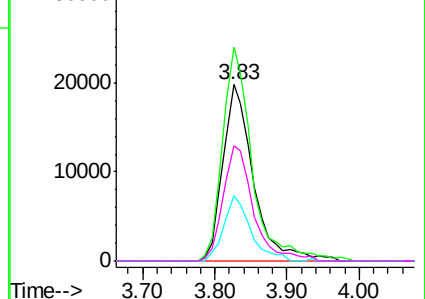


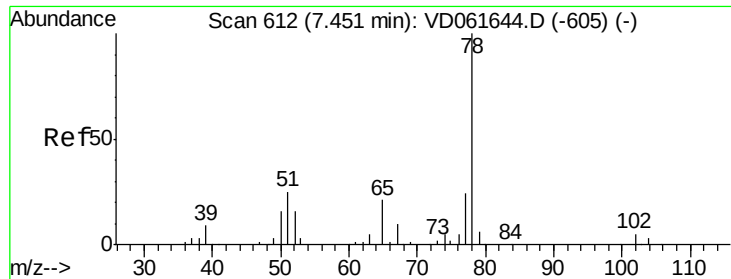
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

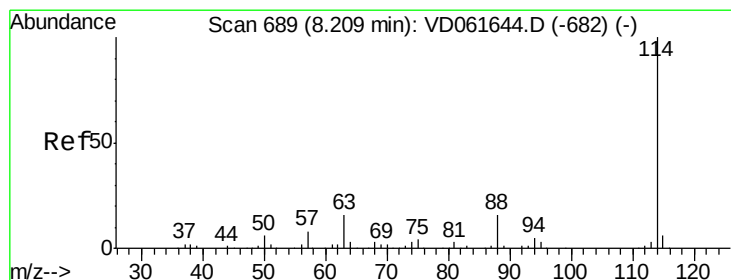
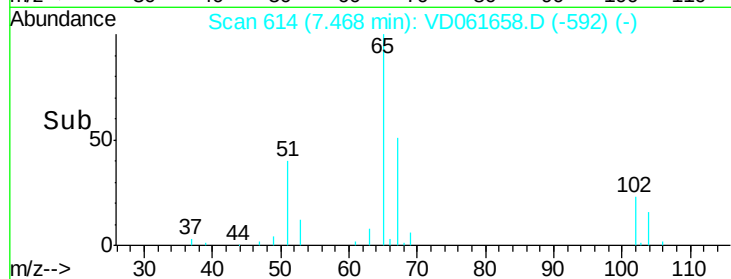
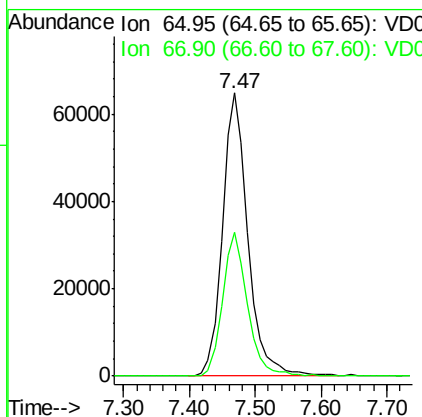
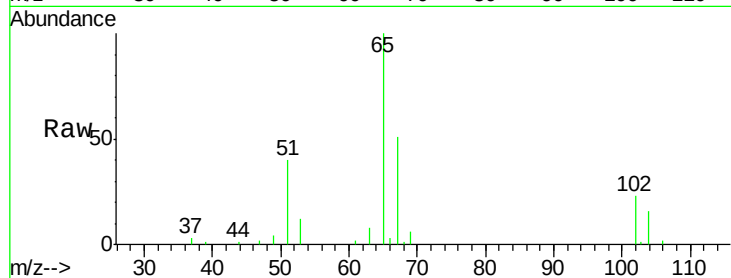




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.02 min
 Lab File: VD061658.D
 Acq: 8 Apr 2019 18:43

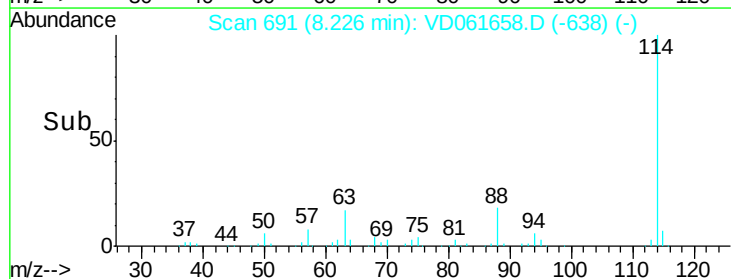
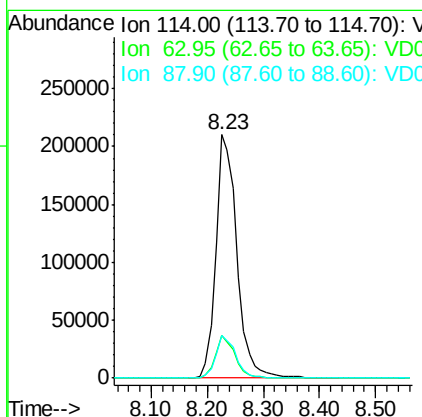
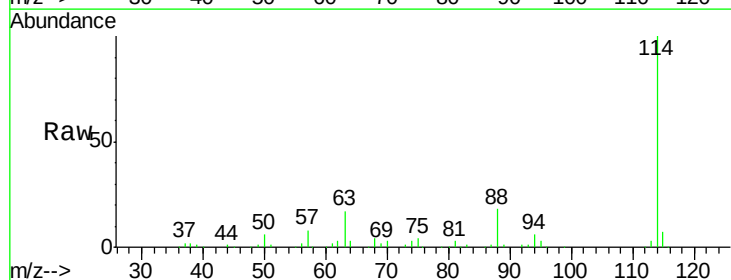
Instrument :
 MSVOA_D
 ClientSampleId :
 STONERE

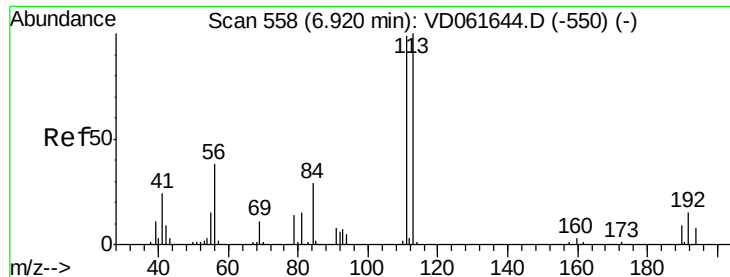
Tot Ion: 65 Resp: 173785
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD061658.D
 Acq: 8 Apr 2019 18:43

Tgt Ion: 114 Resp: 551935
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 31.2
 88 17.6 0.0 31.8

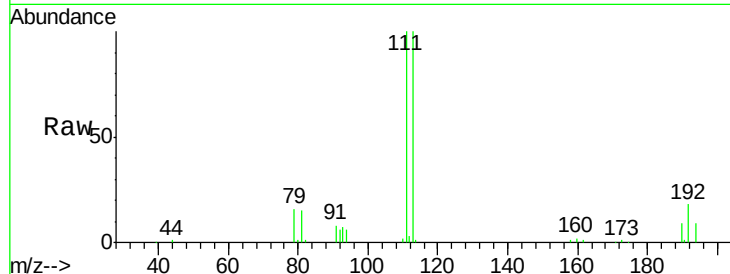




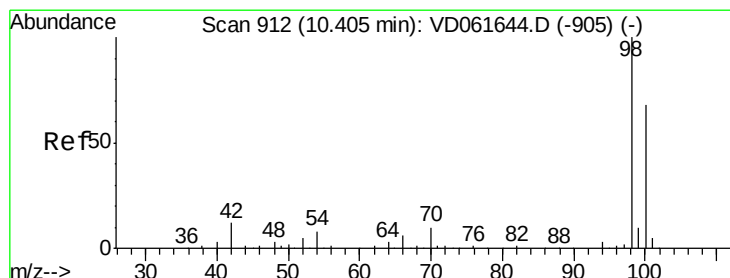
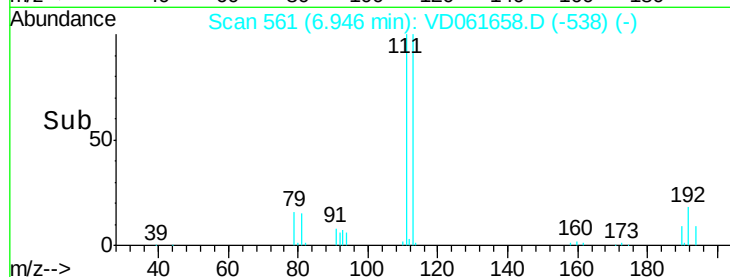
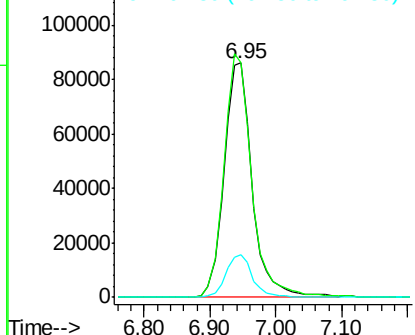
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.03 min
 Lab File: VD061658.D
 Acq: 8 Apr 2019 18:43

Instrument :
 MSVOA_D
 ClientSampleId :
 STONERE

Tot Ion:113 Resp: 256896
 Ion Ratio Lower Upper
 113 100
 111 100.1 79.3 118.9
 192 18.1 12.3 18.5

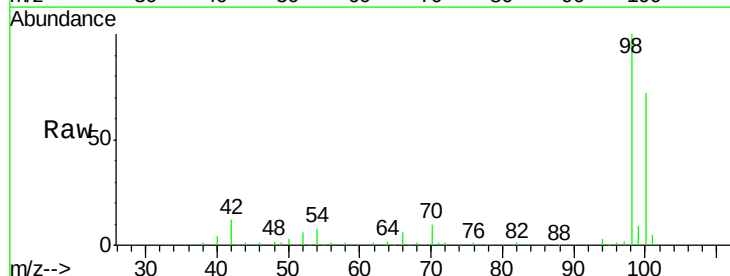


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

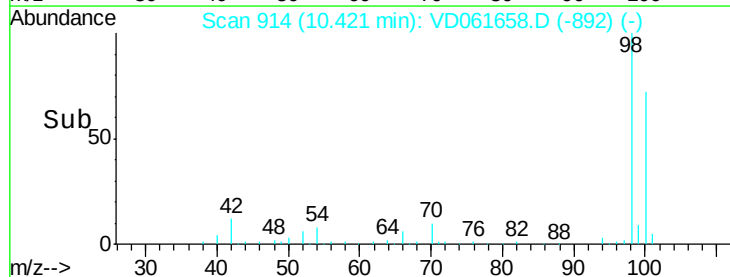
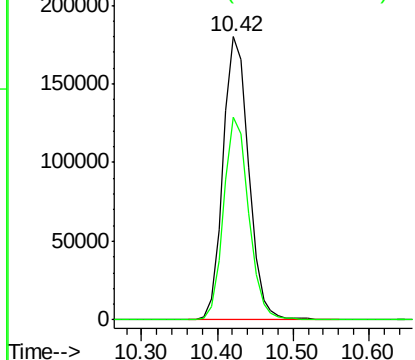


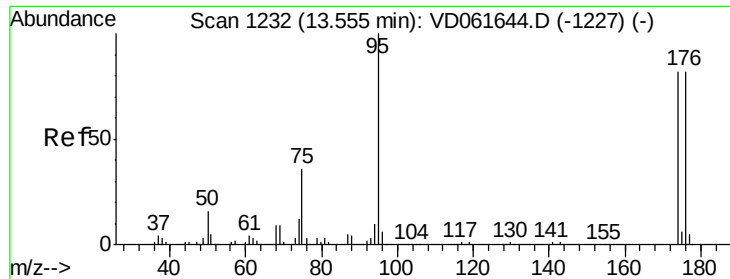
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.02 min
 Lab File: VD061658.D
 Acq: 8 Apr 2019 18:43

Tgt Ion: 98 Resp: 422081
 Ion Ratio Lower Upper
 98 100
 100 71.6 55.4 83.0



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061658.D

Acq: 8 Apr 2019 18:43

Instrument :

MSVOA_D

ClientSampleId :

STONERE

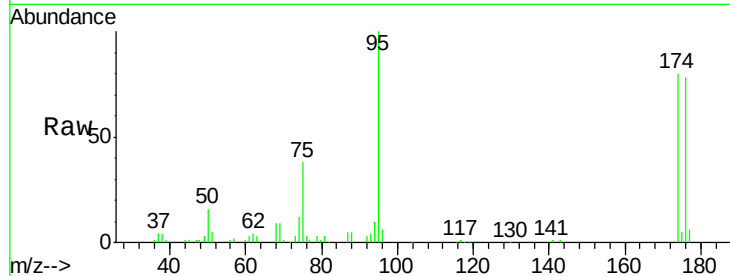
Tot Ion: 95 Resp: 148140

Ion Ratio Lower Upper

95 100

174 80.2 0.0 164.6

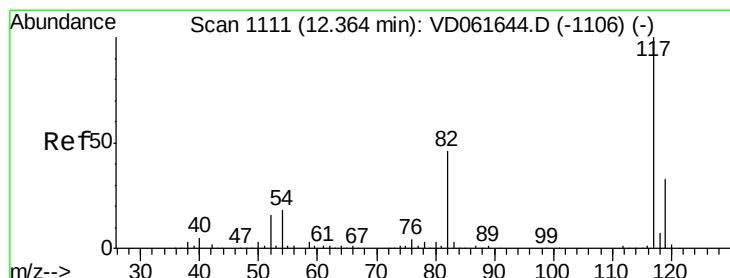
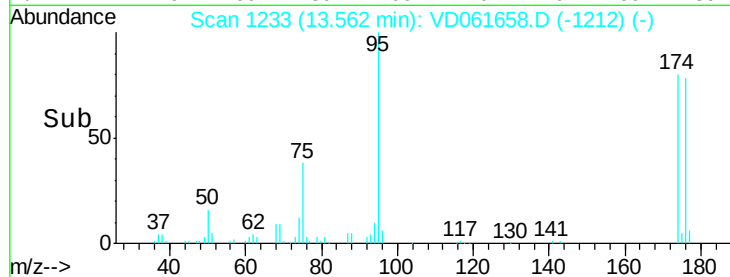
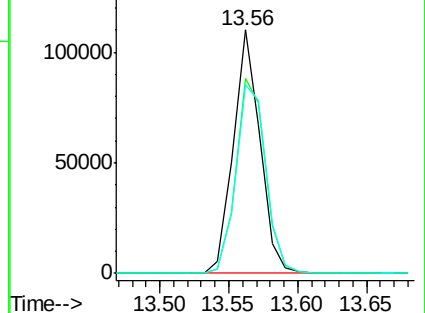
176 77.6 0.0 165.0



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: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD061658.D

Acq: 8 Apr 2019 18:43

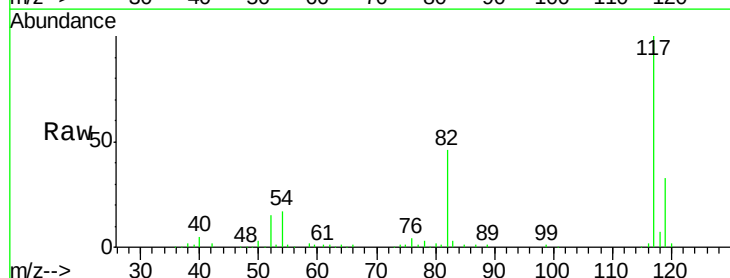
Tgt Ion: 117 Resp: 348209

Ion Ratio Lower Upper

117 100

82 45.6 36.8 55.2

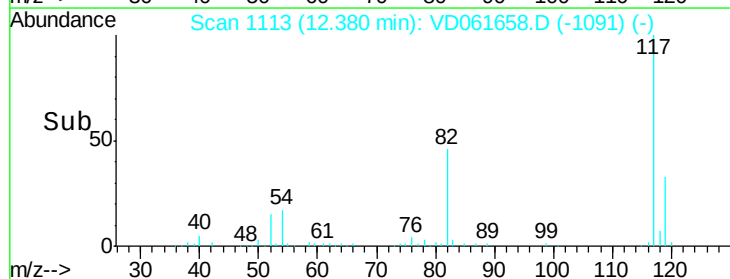
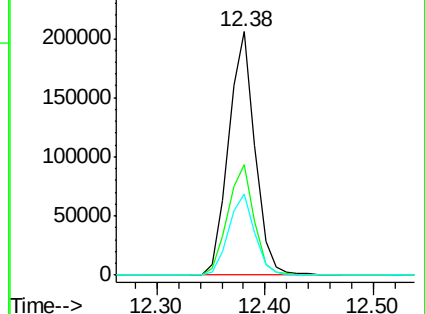
119 33.0 26.1 39.1

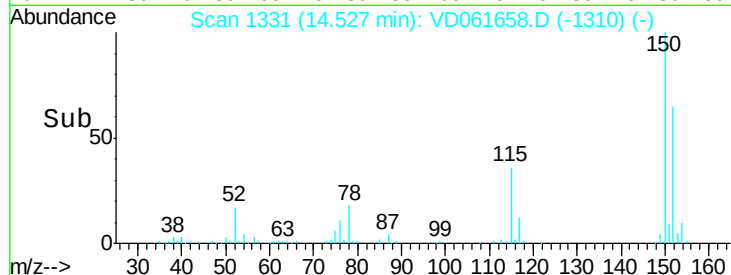
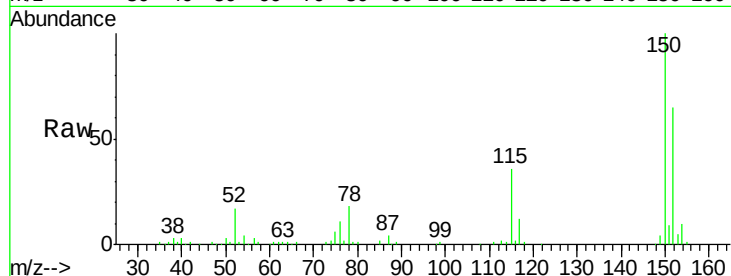
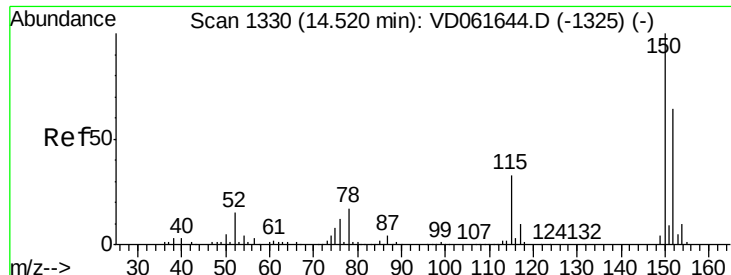


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061658.D
 Acq: 8 Apr 2019 18:43

Instrument :
 MSVOA_D
 ClientSampleId :
 STONERE

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.4	79.2
150	154.0	0.0	320.6

