

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061627.D
 Acq On : 5 Apr 2019 18:08
 Operator : VA/AP
 Sample : K2193-01RE
 Misc : 5.26g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-06-040319-ARE

Quant Time: Apr 06 01:08:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

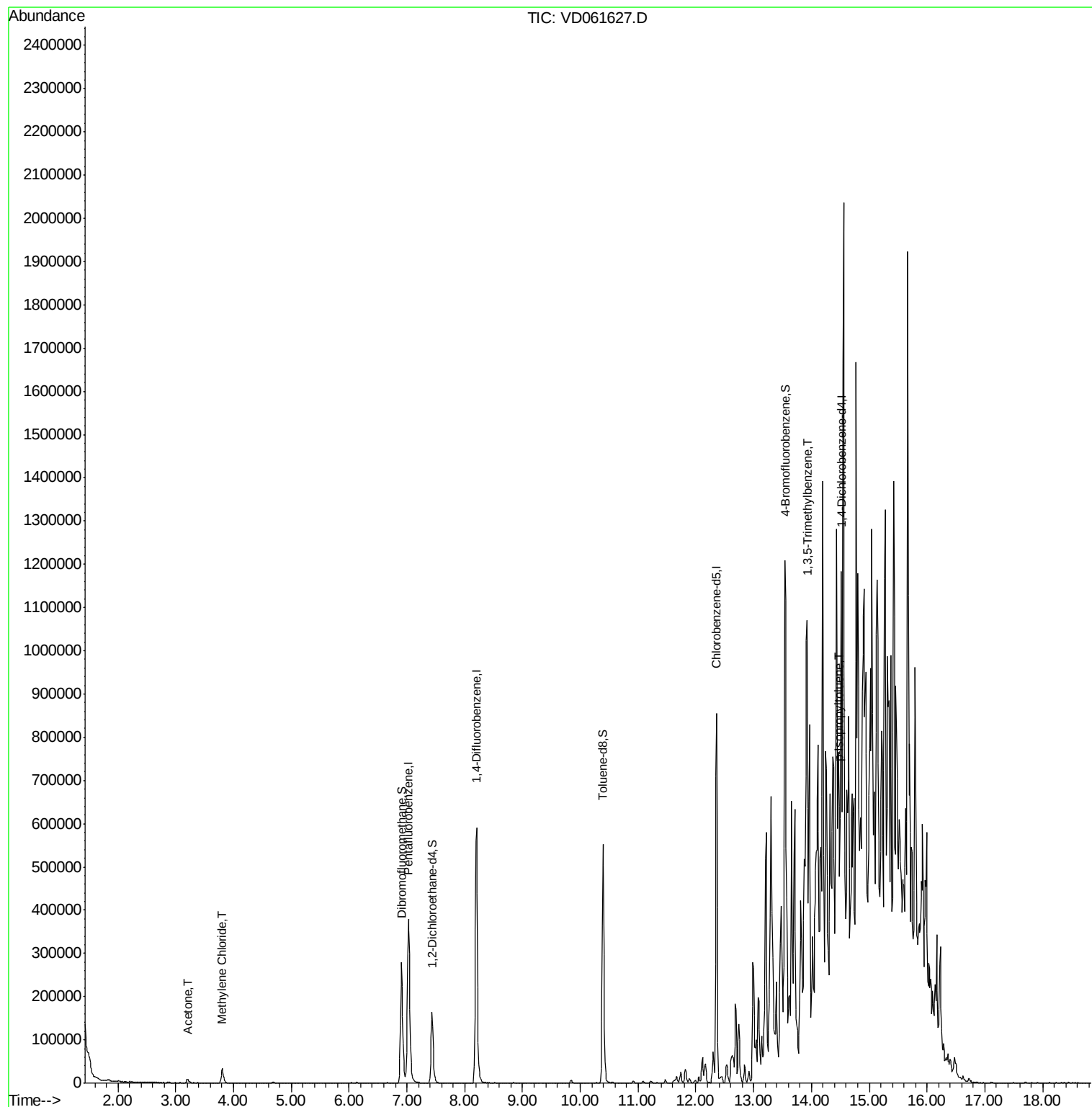
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	418233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	735207	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	529352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	199572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	167369	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
35) Dibromofluoromethane	6.90	113	259966	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
50) Toluene-d8	10.39	98	479398	35.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.16%	
62) 4-Bromofluorobenzene	13.55	95	223192	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
Target Compounds						
16) Acetone	3.20	43	17091	18.609	ug/l	93
20) Methylene Chloride	3.80	84	26051	3.269	ug/l	98
80) 1,3,5-Trimethylbenzene	13.92	105	217570	20.188	ug/l	100
86) p-Isopropyltoluene	14.49	119	95695	7.909	ug/l	97

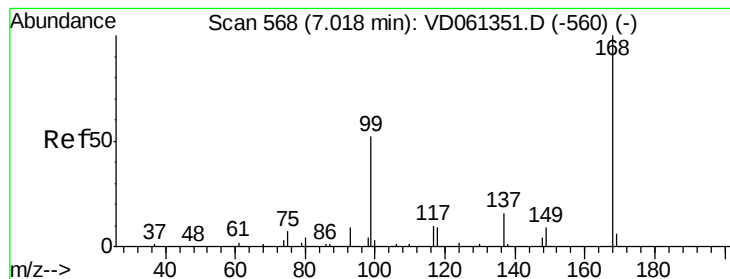
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040519\
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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.01 min

Lab File: VD061627.D

Acq: 5 Apr 2019 18:08

Instrument :

MSVOA_D

ClientSampleId :

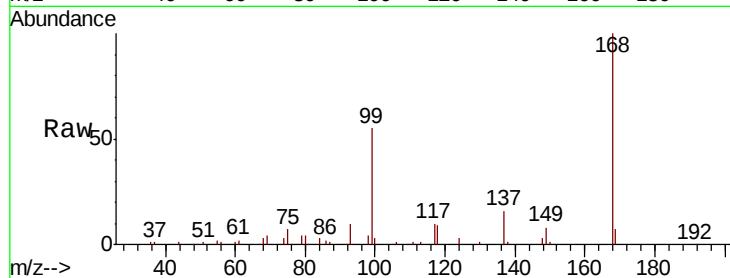
HR-06-040319-ARE

Tot Ion:168 Resp: 418233

Ion Ratio Lower Upper

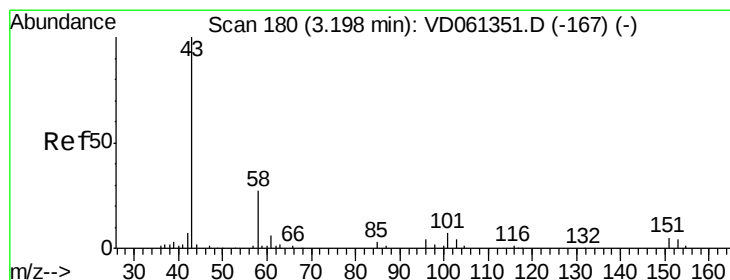
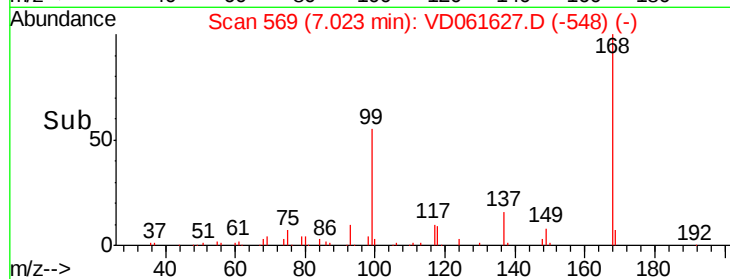
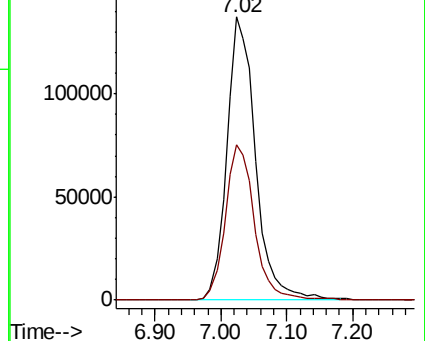
168 100

99 54.8 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 18.609 ug/l

RT: 3.20 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD061627.D

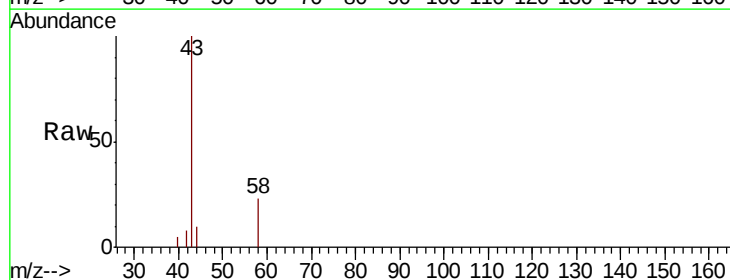
Acq: 5 Apr 2019 18:08

Tgt Ion: 43 Resp: 17091

Ion Ratio Lower Upper

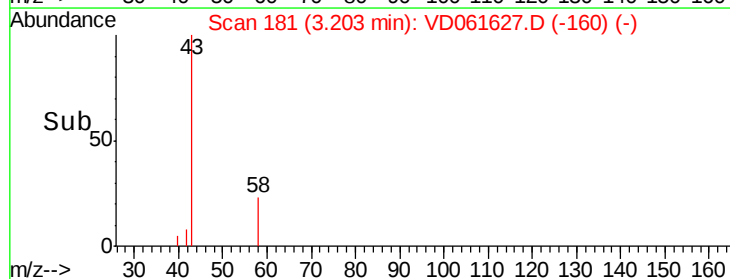
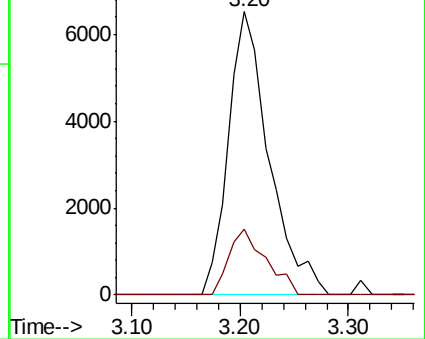
43 100

58 23.1 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 3.269 ug/l

RT: 3.80 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD061627.D

Acq: 5 Apr 2019 18:08

Instrument :

MSVOA_D

ClientSampleId :

HR-06-040319-ARE

Tot Ion: 84 Resp: 26051

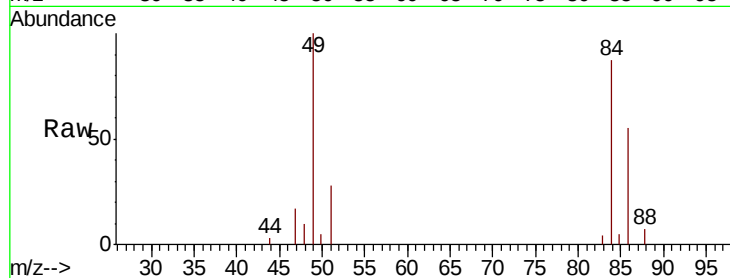
Ion Ratio Lower Upper

84 100

49 115.0 91.8 137.8

51 32.6 29.8 44.8

86 62.9 51.8 77.6

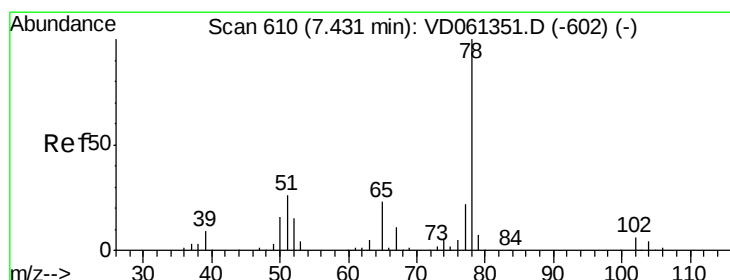
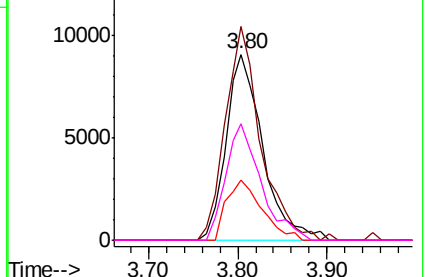
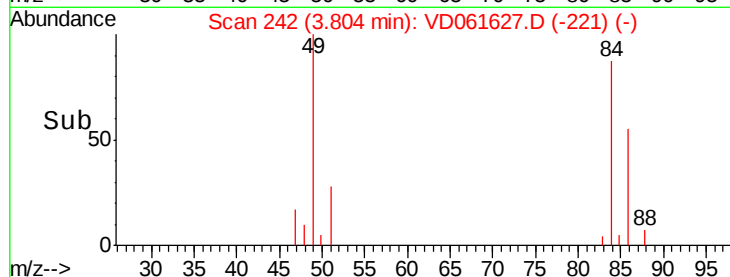


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD061627.D

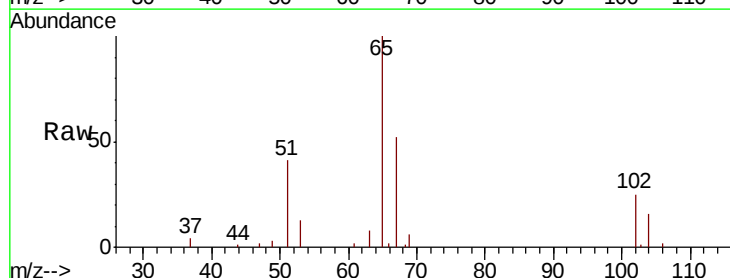
Acq: 5 Apr 2019 18:08

Tgt Ion: 65 Resp: 167369

Ion Ratio Lower Upper

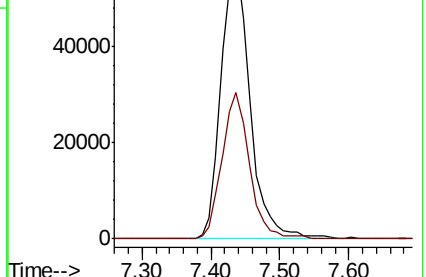
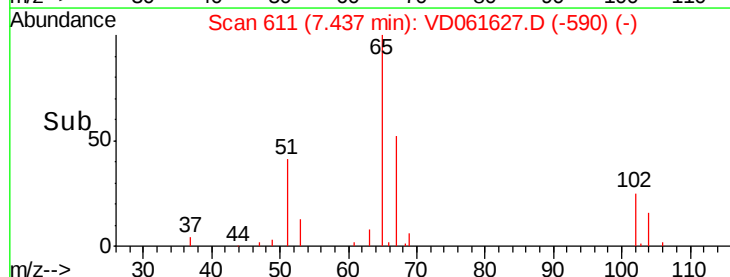
65 100

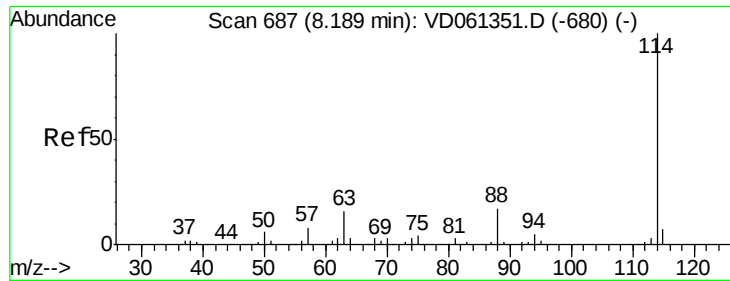
67 51.9 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

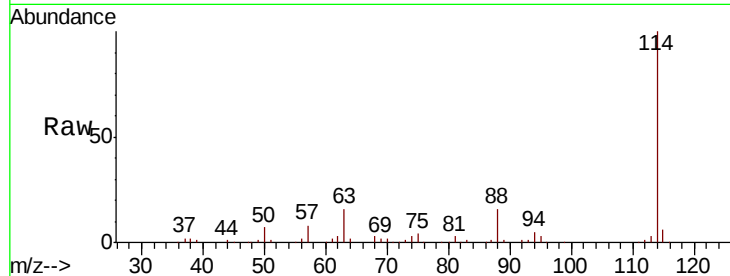




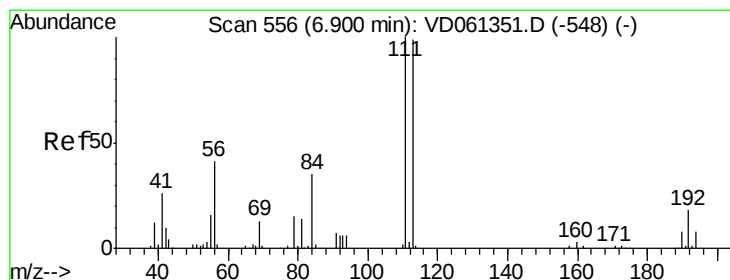
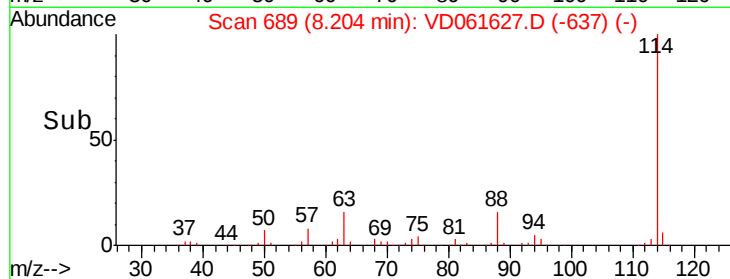
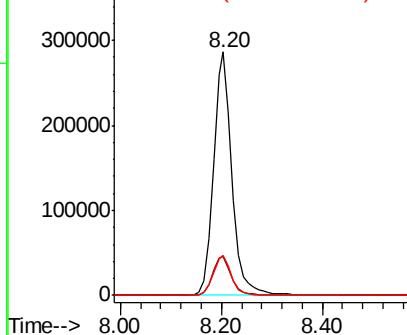
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061627.D
 Acq: 5 Apr 2019 18:08

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-06-040319-ARE

Tot Ion:114 Resp: 735207
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.6
 88 16.5 0.0 33.4

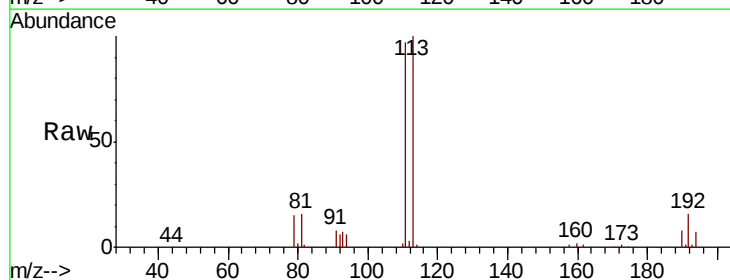


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

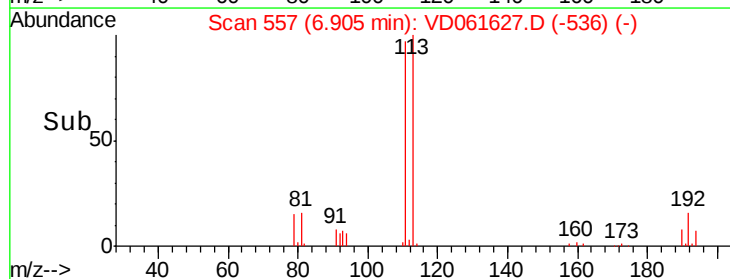
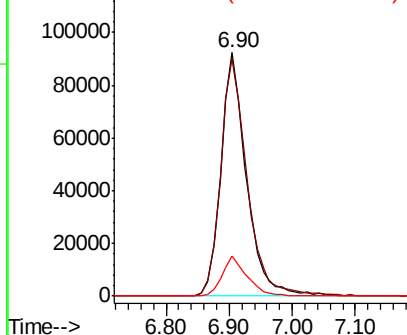


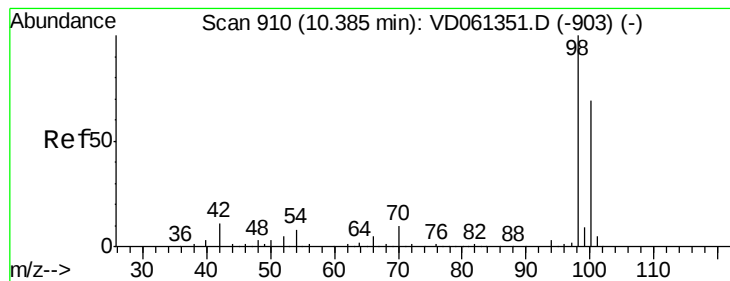
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD061627.D
 Acq: 5 Apr 2019 18:08

Tgt Ion:113 Resp: 259966
 Ion Ratio Lower Upper
 113 100
 111 97.4 81.0 121.6
 192 16.4 14.4 21.6



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: 10.39 min Scan# 911

Delta R.T. 0.01 min

Lab File: VD061627.D

Acq: 5 Apr 2019 18:08

Instrument :

MSVOA_D

ClientSampleId :

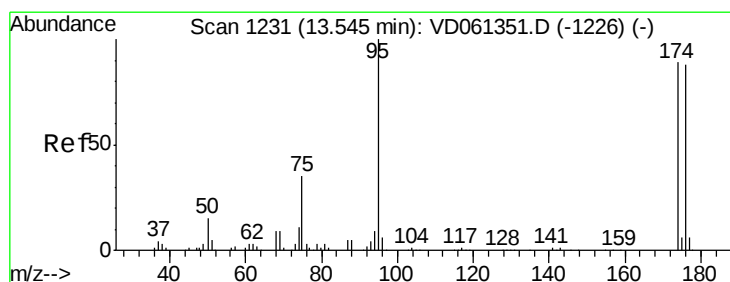
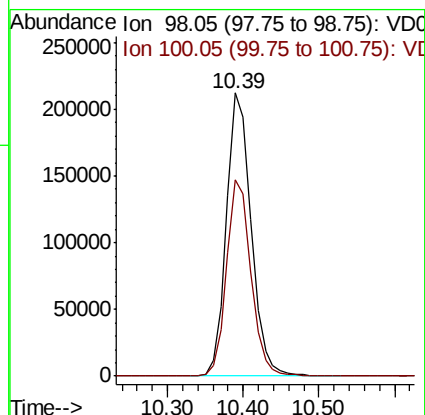
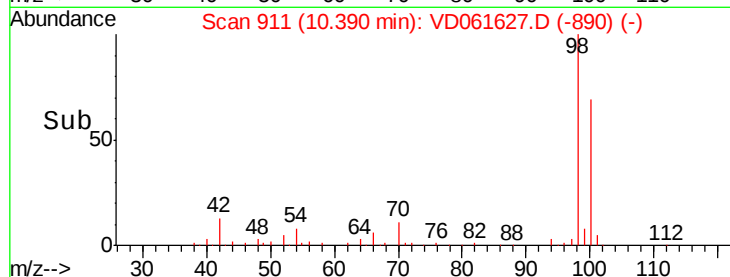
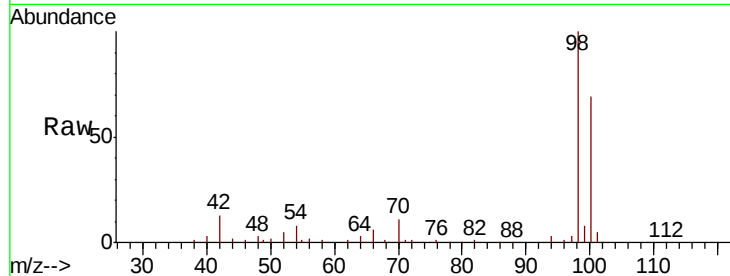
HR-06-040319-ARE

Tot Ion: 98 Resp: 479398

Ion Ratio Lower Upper

98 100

100 69.2 56.2 84.2



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061627.D

Acq: 5 Apr 2019 18:08

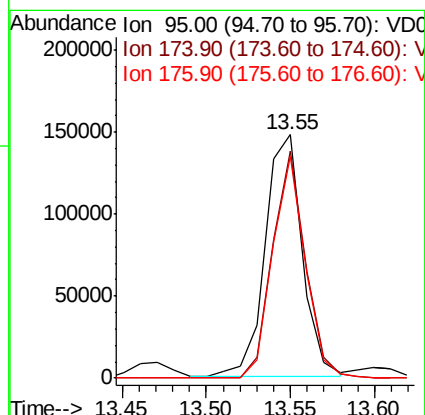
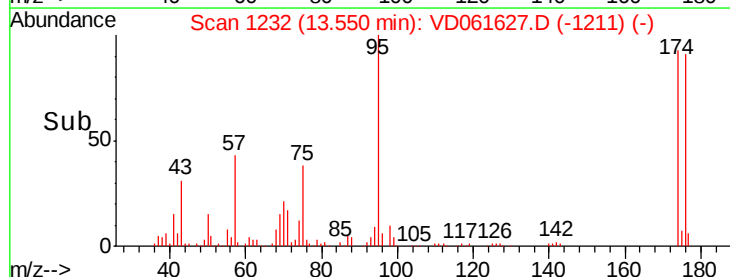
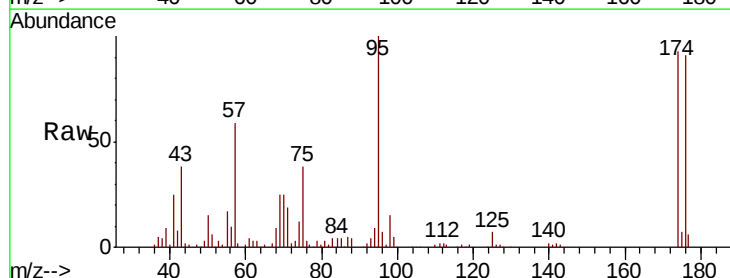
Tgt Ion: 95 Resp: 223192

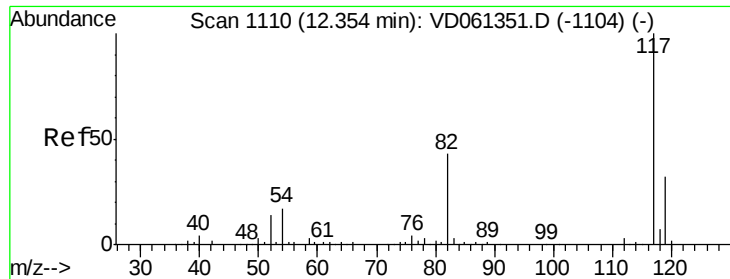
Ion Ratio Lower Upper

95 100

174 93.2 0.0 178.0

176 91.2 0.0 175.0

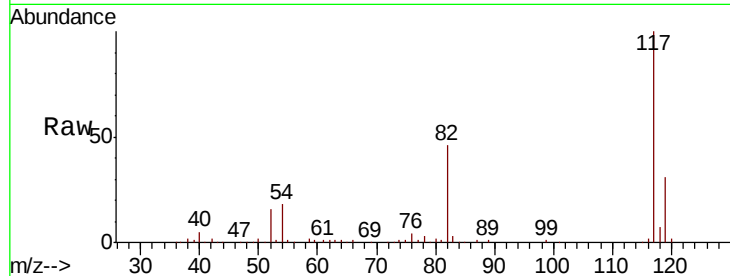




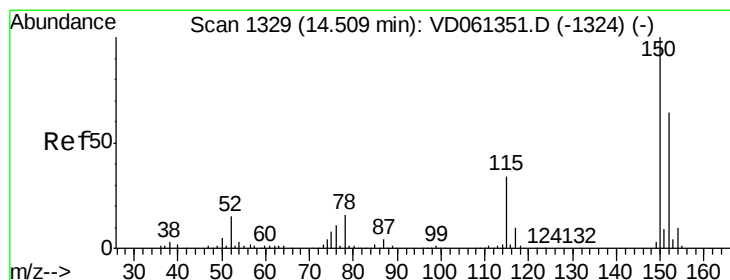
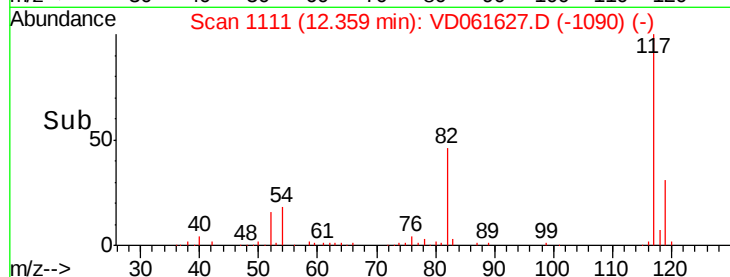
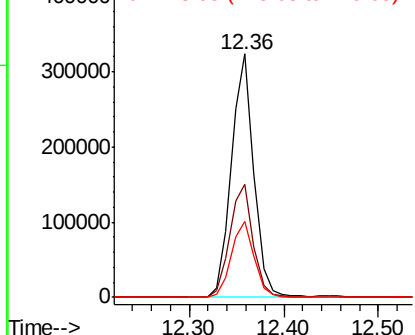
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061627.D
Acq: 5 Apr 2019 18:08

Instrument :
MSVOA_D
ClientSampleId :
HR-06-040319-ARE

Tot Ion:117 Resp: 529352
Ion Ratio Lower Upper
117 100
82 46.4 34.4 51.6
119 31.2 25.8 38.6

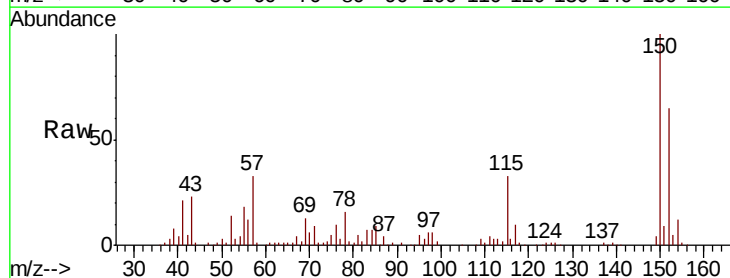


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

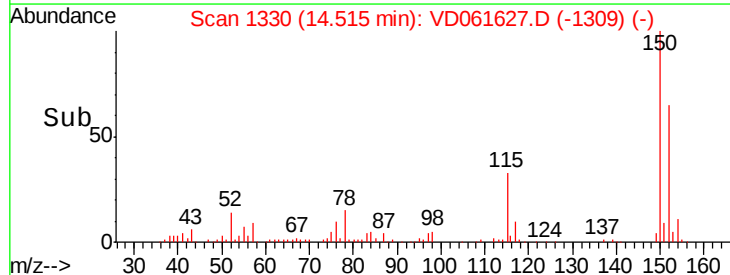
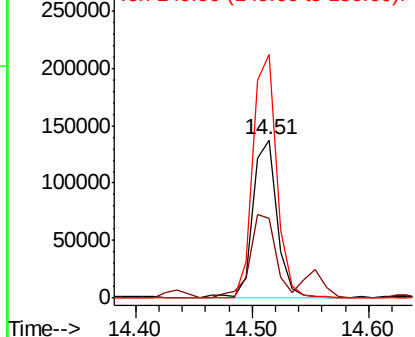


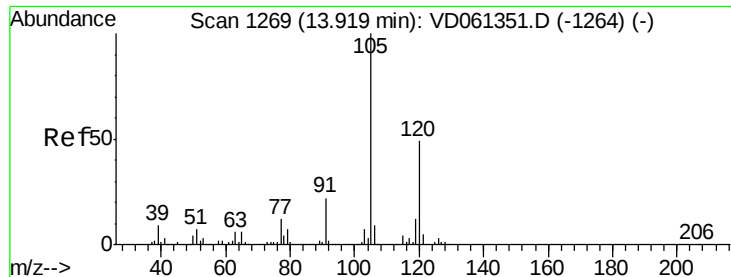
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061627.D
Acq: 5 Apr 2019 18:08

Tgt Ion:152 Resp: 199572
Ion Ratio Lower Upper
152 100
115 50.0 26.9 80.6
150 153.8 0.0 318.0



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

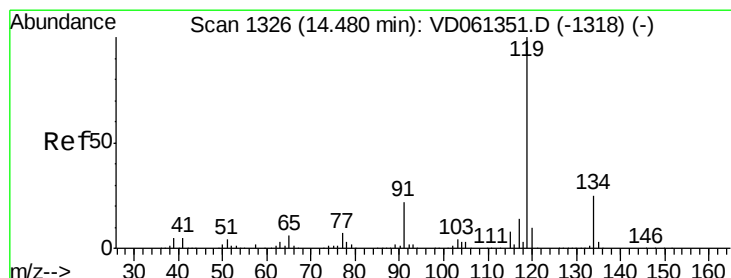
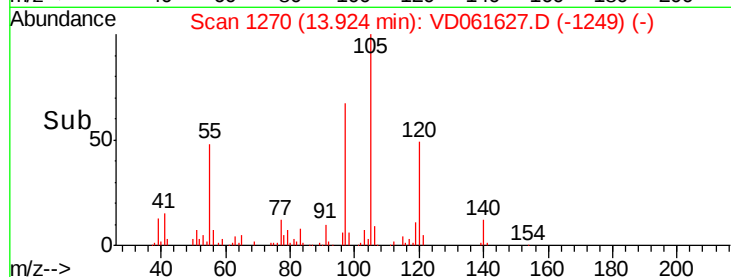
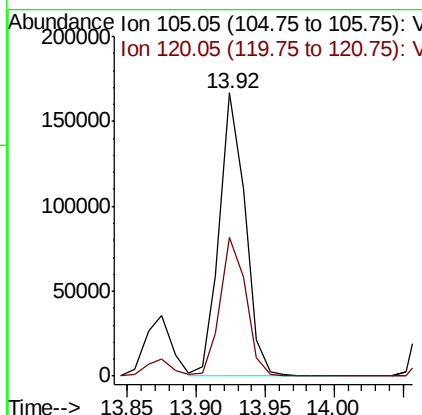
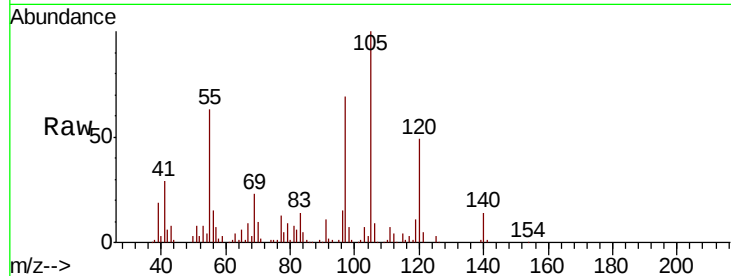




#80
 1,3,5-Trimethylbenzene
 Concen: 20.188 ug/l
 RT: 13.92 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VD061627.D
 Acq: 5 Apr 2019 18:08

Instrument :
 MSVOA_D
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 HR-06-040319-ARE

Tot Ion:105 Resp: 217570
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 73.6



#86
 p-Isopropyltoluene
 Concen: 7.909 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: VD061627.D
 Acq: 5 Apr 2019 18:08

Tgt Ion:119 Resp: 95695
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.3 36.8
 91 21.7 11.1 33.1

