

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061608.D
 Acq On : 5 Apr 2019 7:04
 Operator : VA/AP
 Sample : K2193-01
 Misc : 5.65µl/5ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Apr 05 09:55:34 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

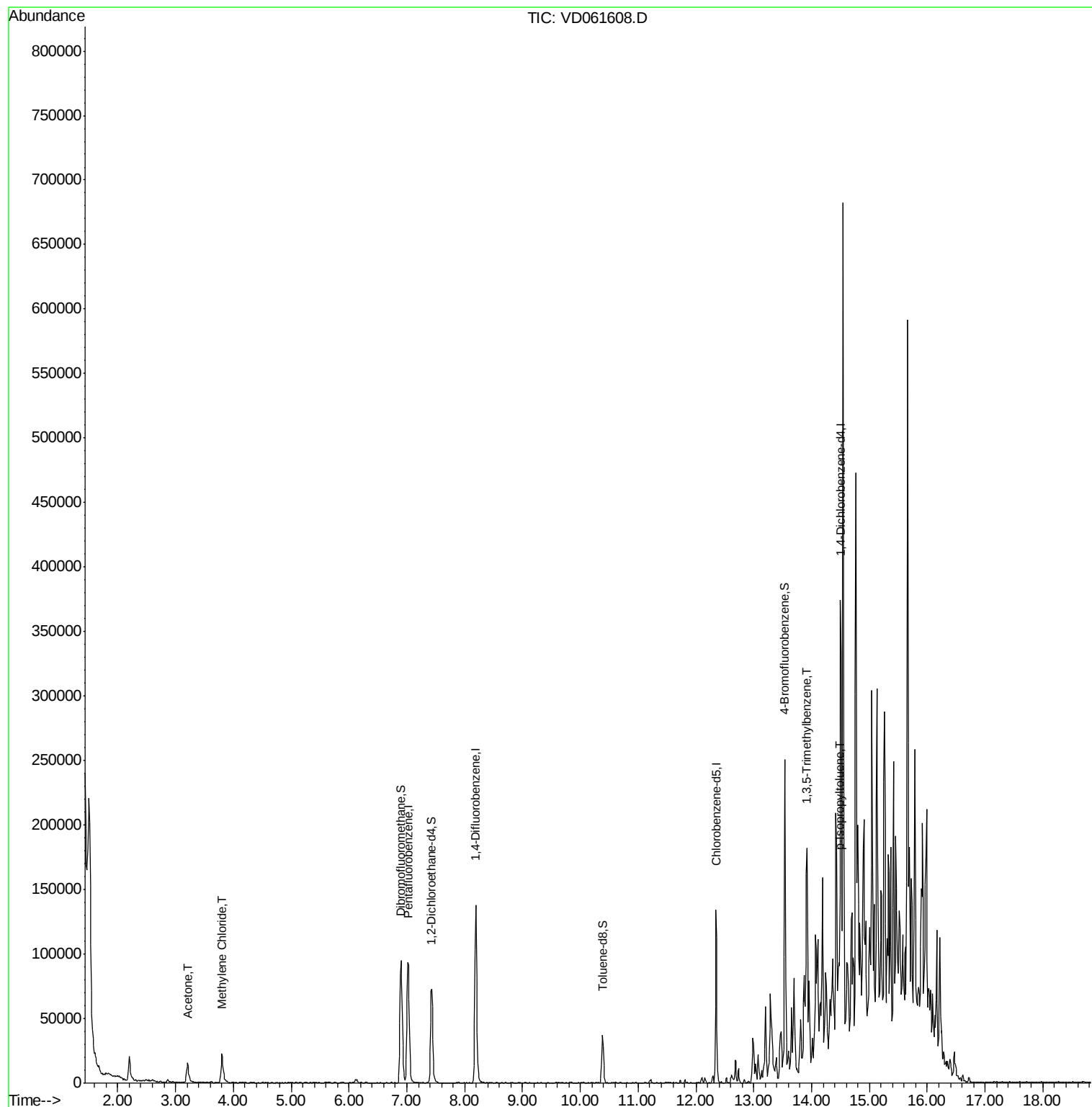
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	99919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	175964	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.34	117	86983	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.50	152	80231	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	78151	91.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	183.12%	
35) Dibromofluoromethane	6.90	113	90782	67.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.02%	
50) Toluene-d8	10.38	98	35566	11.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	22.06%	
62) 4-Bromofluorobenzene	13.53	95	71391	57.72	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	115.44%	
Target Compounds						
16) Acetone	3.21	43	32759	149.299	ug/l	98
20) Methylene Chloride	3.80	84	17536	12.839	ug/l	95
80) 1,3,5-Trimethylbenzene	13.92	105	54215	12.513	ug/l	96
86) p-Isopropyltoluene	14.48	119	26650	5.479	ug/l	99

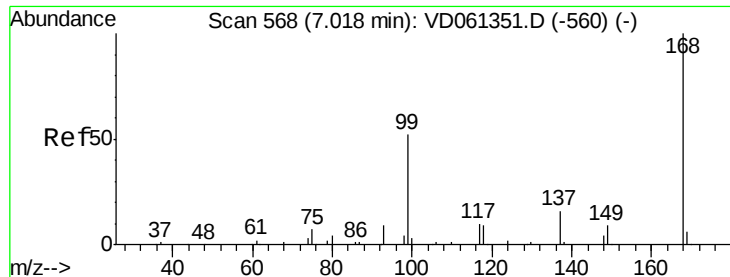
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040419\
Data File : VD061608.D
Acq On : 5 Apr 2019 7:04
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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: 7.03 min Scan# 569

Delta R.T. 0.01 min

Lab File: VD061608.D

Acq: 5 Apr 2019 7:04

Instrument :

MSVOA_D

ClientSampleId :

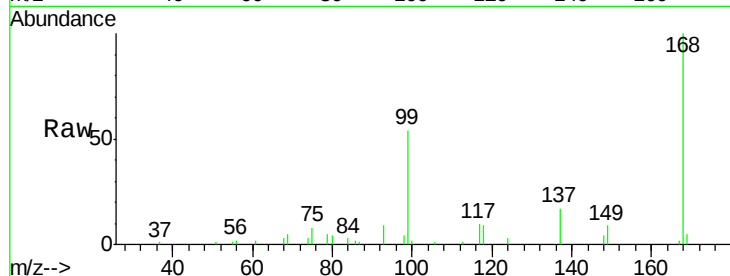
HR-06-040319-A

Tot Ion:168 Resp: 99919

Ion Ratio Lower Upper

168 100

99 54.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

30000

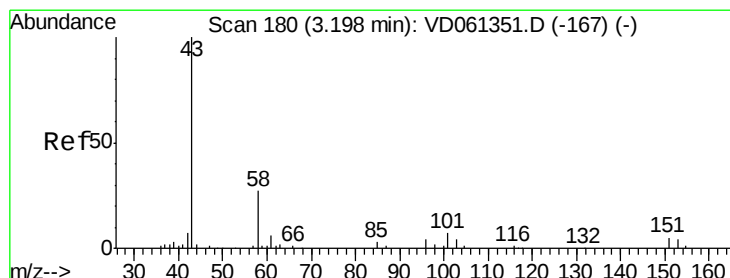
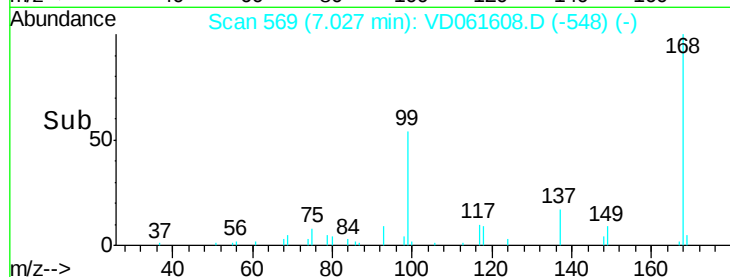
20000

10000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 149.299 ug/l

RT: 3.21 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD061608.D

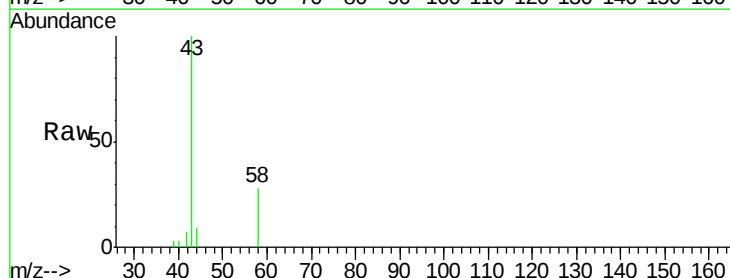
Acq: 5 Apr 2019 7:04

Tgt Ion: 43 Resp: 32759

Ion Ratio Lower Upper

43 100

58 27.7 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

12000

10000

8000

6000

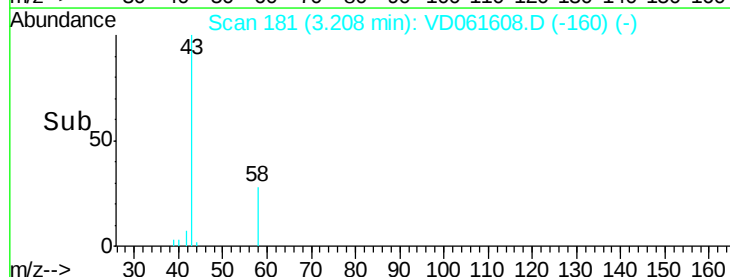
4000

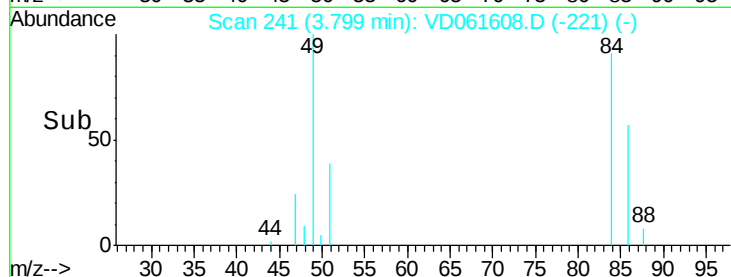
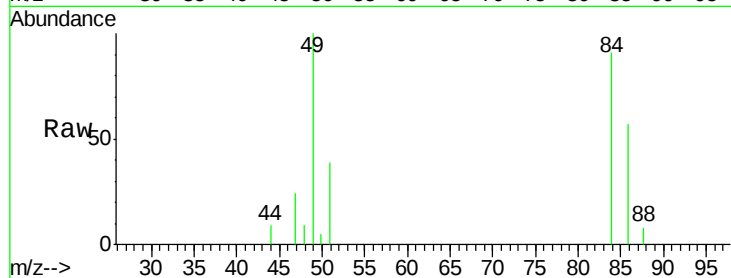
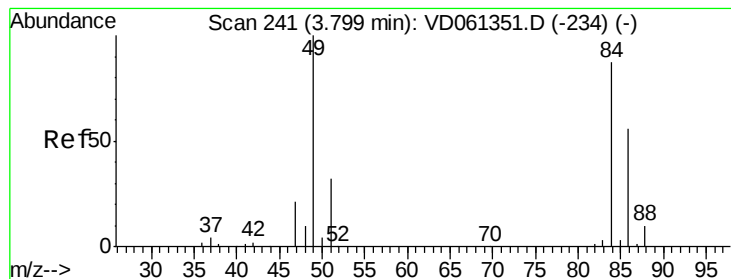
2000

0

3.10 3.20 3.30

Time-->





#20

Methylene Chloride

Concen: 12.839 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.00 min

Lab File: VD061608.D

Acq: 5 Apr 2019 7:04

Instrument :

MSVOA_D

ClientSampleId :

HR-06-040319-A

Tot Ion: 84 Resp: 17536

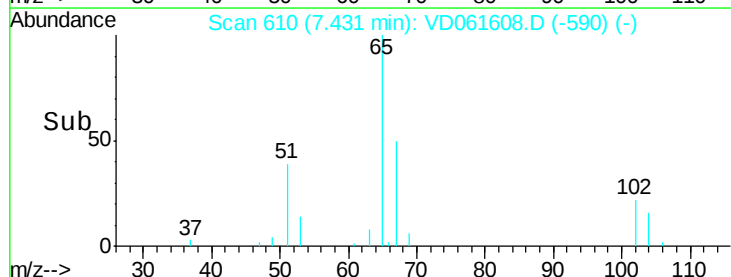
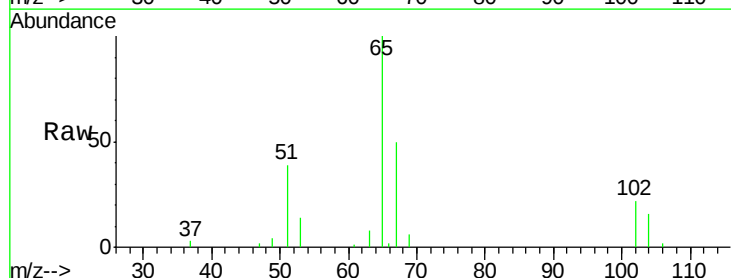
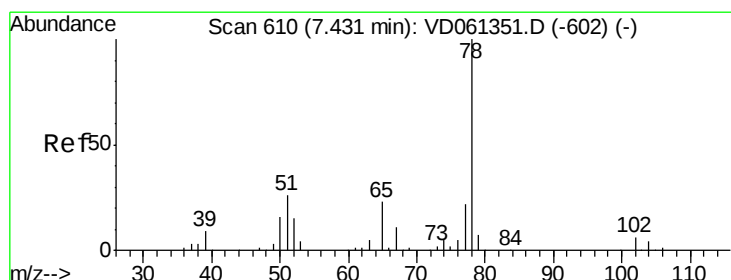
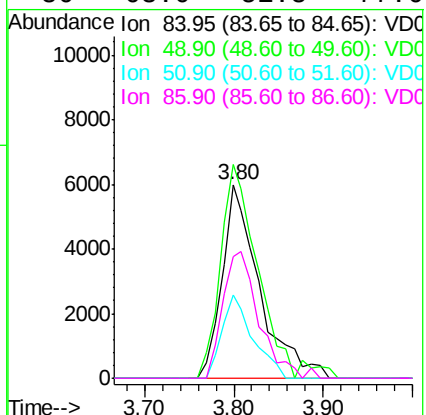
Ion Ratio Lower Upper

84 100

49 110.1 91.8 137.8

51 42.8 29.8 44.8

86 63.0 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.00 min

Lab File: VD061608.D

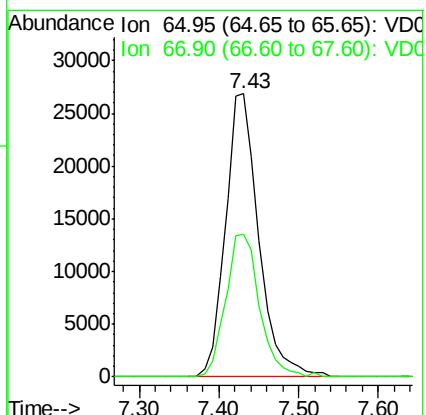
Acq: 5 Apr 2019 7:04

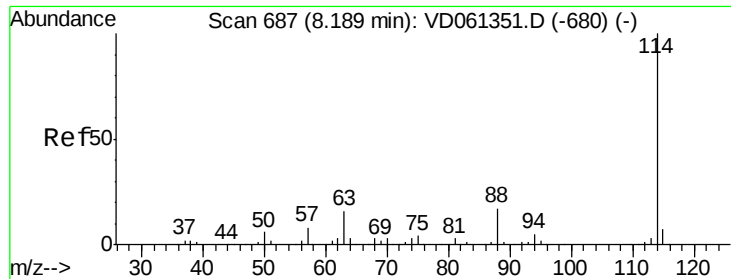
Tgt Ion: 65 Resp: 78151

Ion Ratio Lower Upper

65 100

67 50.4 0.0 99.8

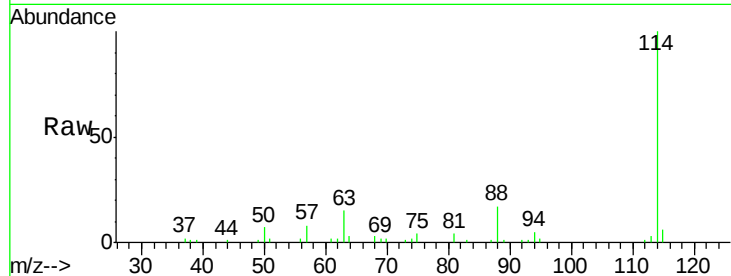




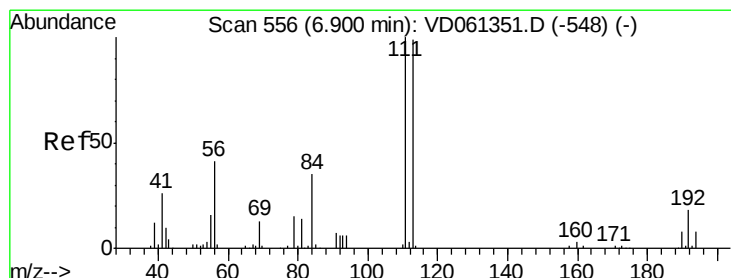
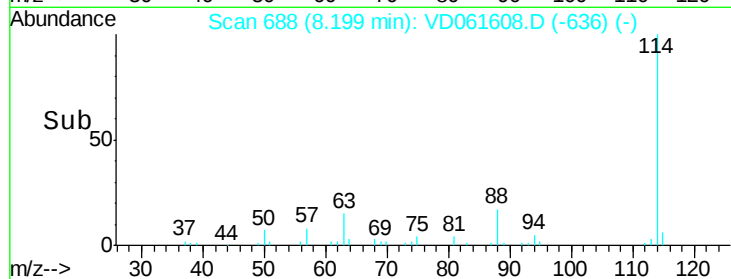
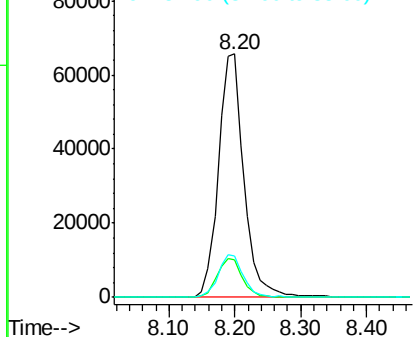
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD061608.D
 Acq: 5 Apr 2019 7:04

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

Tot Ion:114 Resp: 175964
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 31.6
 88 17.0 0.0 33.4

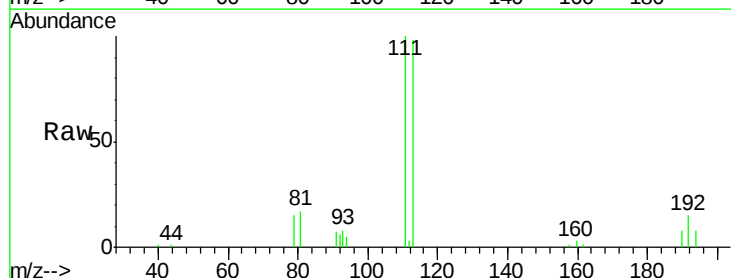


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

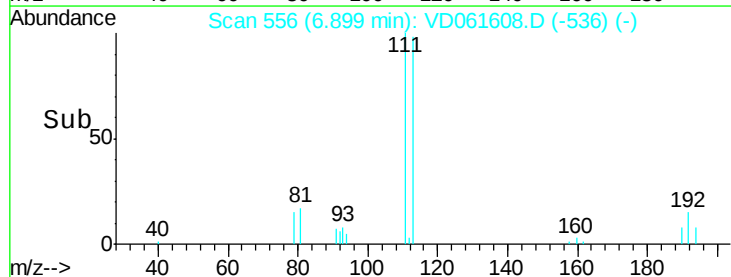
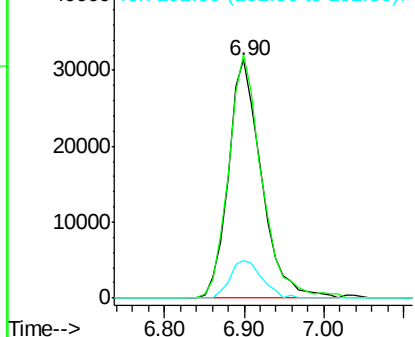


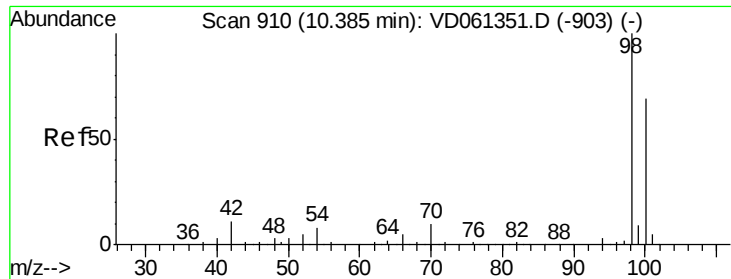
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: VD061608.D
 Acq: 5 Apr 2019 7:04

Tgt Ion:113 Resp: 90782
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.0 121.6
 192 15.6 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

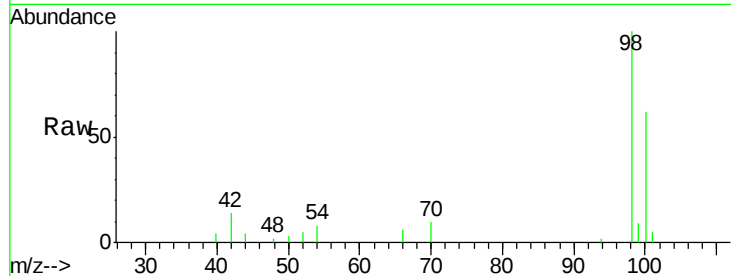




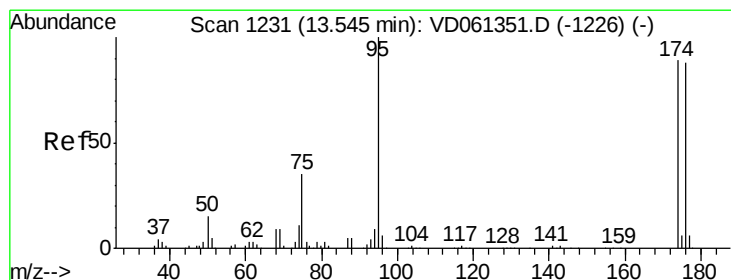
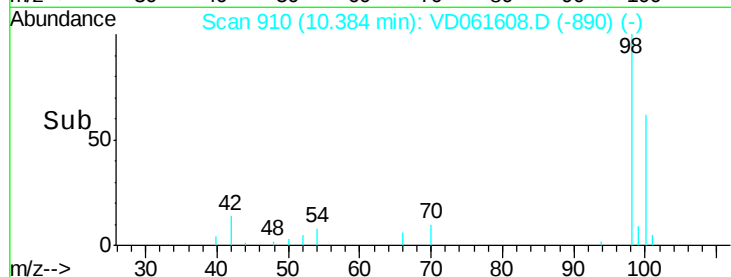
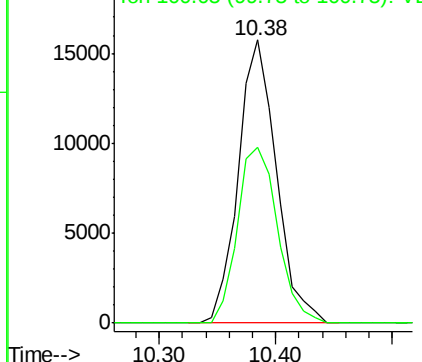
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.00 min
Lab File: VD061608.D
Acq: 5 Apr 2019 7:04

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

Tot Ion: 98 Resp: 35566
Ion Ratio Lower Upper
98 100
100 62.0 56.2 84.2

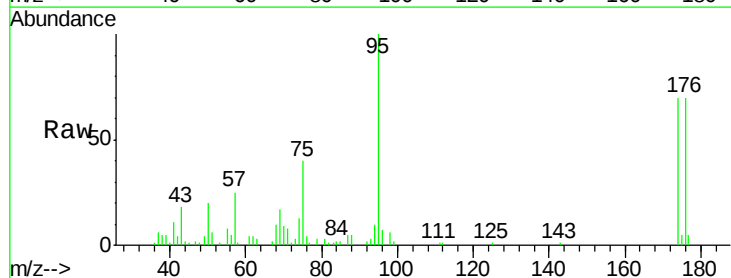


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

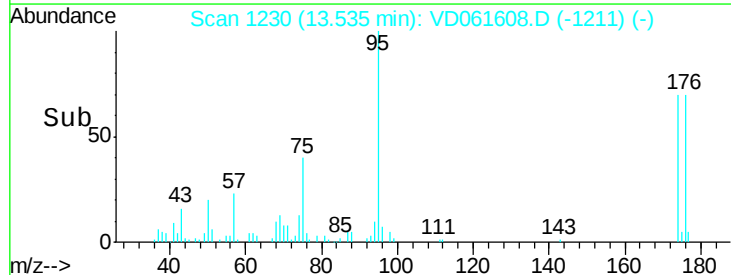
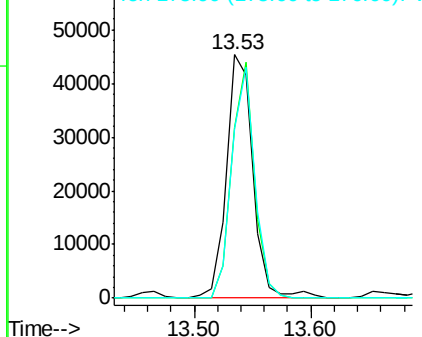


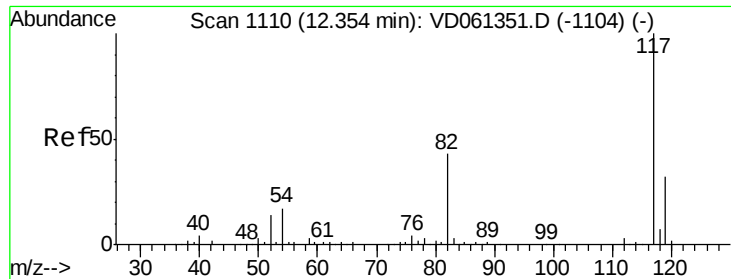
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.53 min Scan# 1230
Delta R.T. -0.01 min
Lab File: VD061608.D
Acq: 5 Apr 2019 7:04

Tgt Ion: 95 Resp: 71391
Ion Ratio Lower Upper
95 100
174 69.9 0.0 178.0
176 69.6 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)
Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)
Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

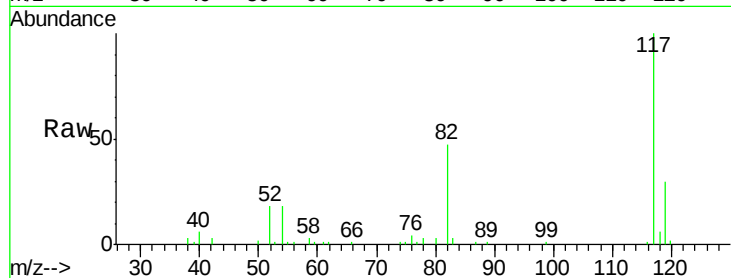




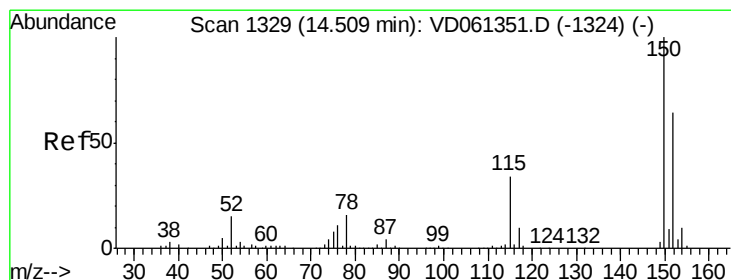
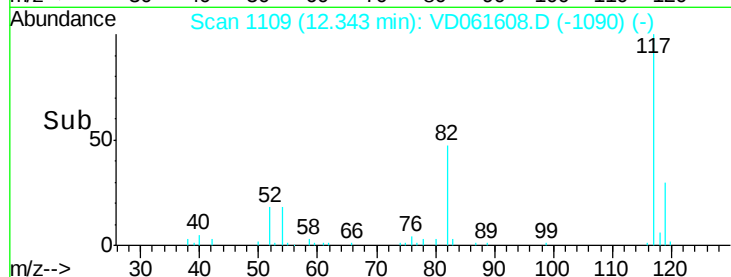
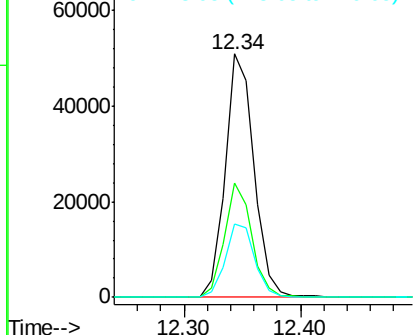
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.34 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD061608.D
Acq: 5 Apr 2019 7:04

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

Tot Ion:117 Resp: 86983
Ion Ratio Lower Upper
117 100
82 46.8 34.4 51.6
119 30.4 25.8 38.6

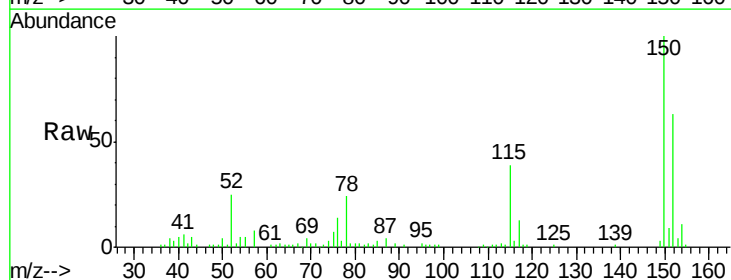


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

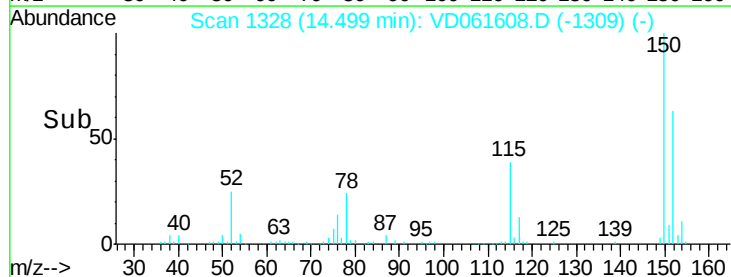
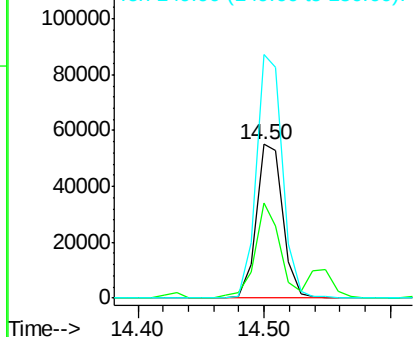


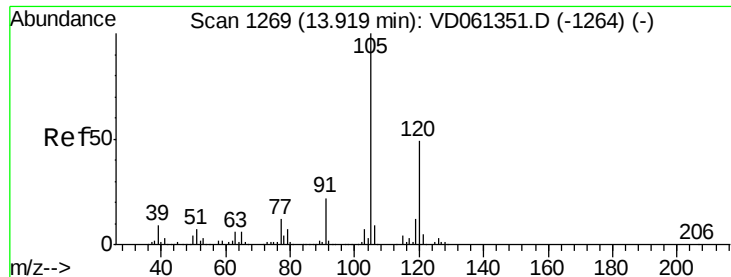
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.01 min
Lab File: VD061608.D
Acq: 5 Apr 2019 7:04

Tgt Ion:152 Resp: 80231
Ion Ratio Lower Upper
152 100
115 61.8 26.9 80.6
150 158.4 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

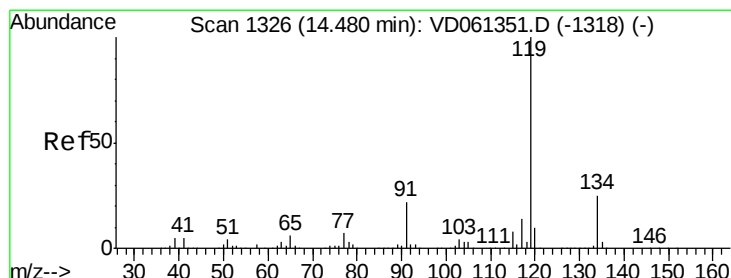
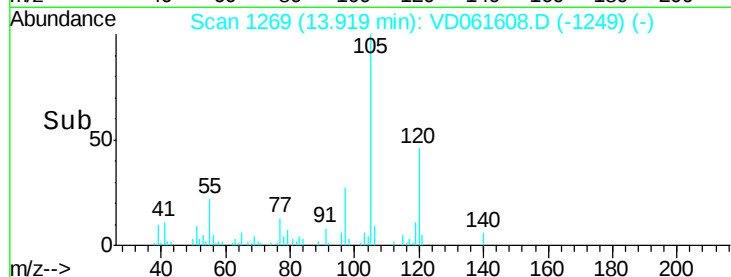
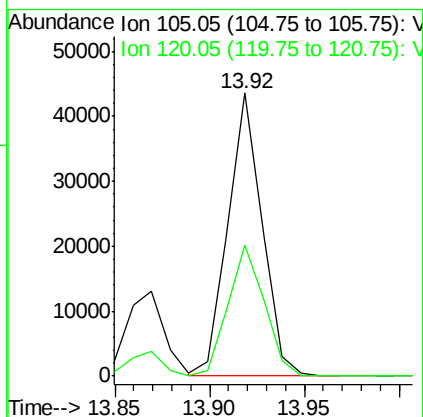
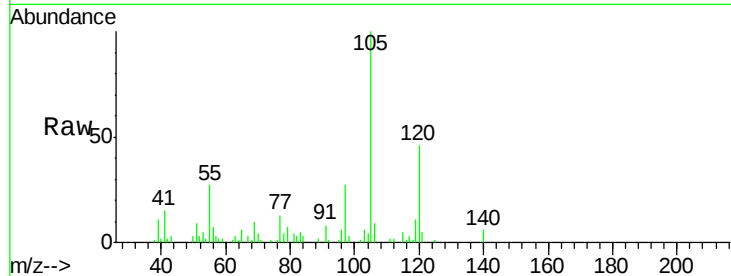




#80
 1,3,5-Trimethylbenzene
 Concen: 12.513 ug/l
 RT: 13.92 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD061608.D
 Acq: 5 Apr 2019 7:04

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

Tot Ion:105 Resp: 54215
 Ion Ratio Lower Upper
 105 100
 120 46.1 24.6 73.6



#86
 p-Isopropyltoluene
 Concen: 5.479 ug/l
 RT: 14.48 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: VD061608.D
 Acq: 5 Apr 2019 7:04

Tgt Ion:119 Resp: 26650
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.3 36.8
 91 21.0 11.1 33.1

