

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041719\
 Data File : VD061856.D
 Acq On : 17 Apr 2019 16:50
 Operator : VA/AP
 Sample : K2196-03RE
 Misc : 5.91g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-041119RE

Quant Time: Apr 18 05:06:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

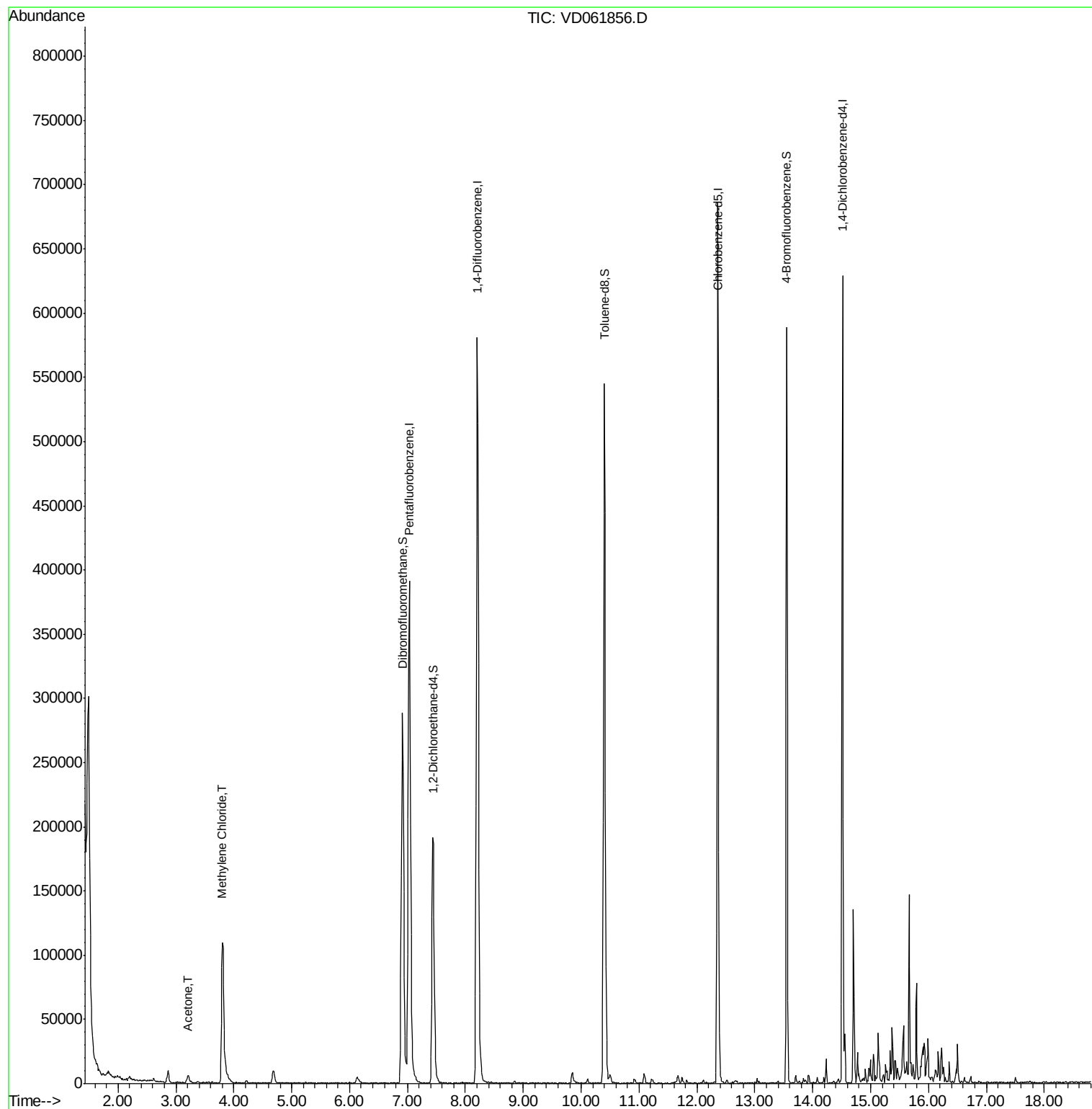
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	402111	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	8.20	114	710051	50.00	ug/l	-0.06
63) Chlorobenzene-d5	12.36	117	450097	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.51	152	147588	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	193912	57.54	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	115.08%	
35) Dibromofluoromethane	6.91	113	271557	50.62	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	101.24%	
50) Toluene-d8	10.40	98	473220	37.23	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	74.46%	
62) 4-Bromofluorobenzene	13.55	95	173394	33.66	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	67.32%	
Target Compounds						
16) Acetone	3.21	43	11548	13.903	ug/l #	90
20) Methylene Chloride	3.80	84	90255	19.019	ug/l	98

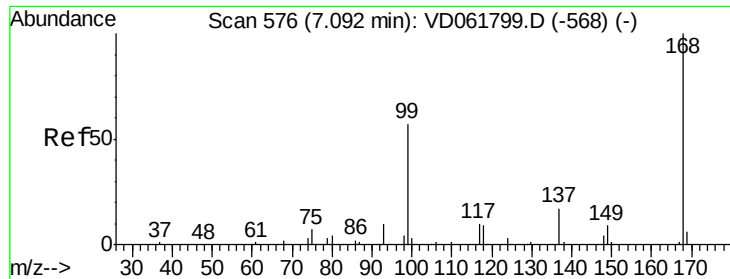
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.06 min

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ClientSampleId :

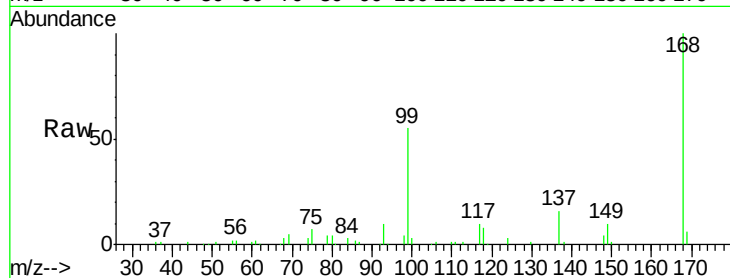
HD-02-041119RE

Tot Ion:168 Resp: 402111

Ion Ratio Lower Upper

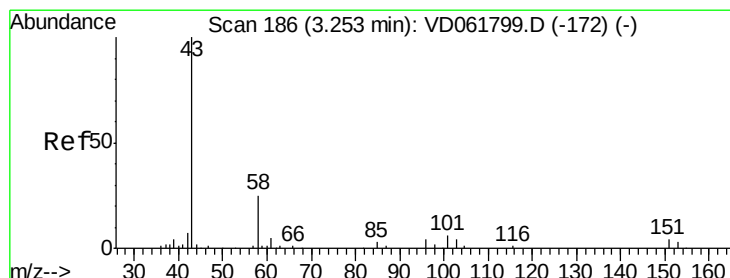
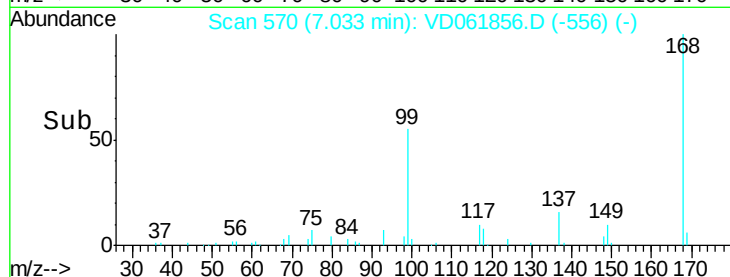
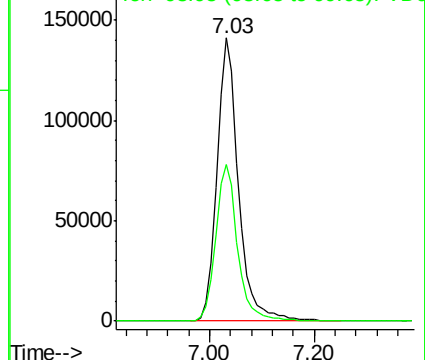
168 100

99 55.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 13.903 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.04 min

Lab File: VD061856.D

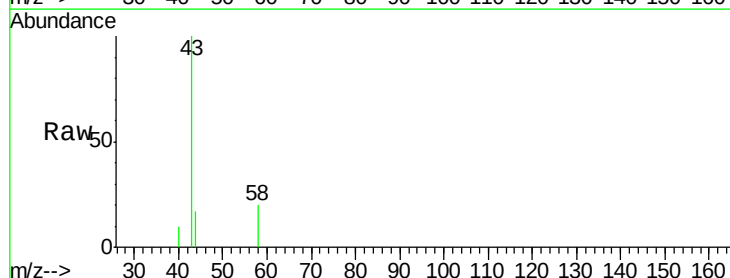
Acq: 17 Apr 2019 16:50

Tgt Ion: 43 Resp: 11548

Ion Ratio Lower Upper

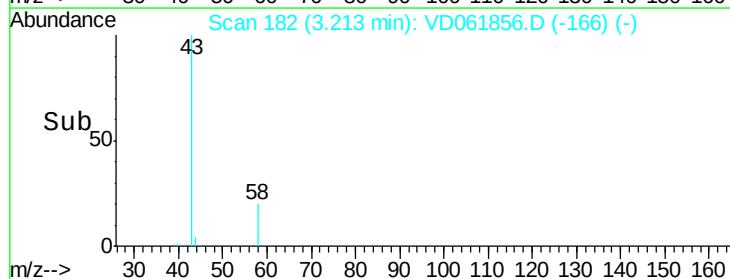
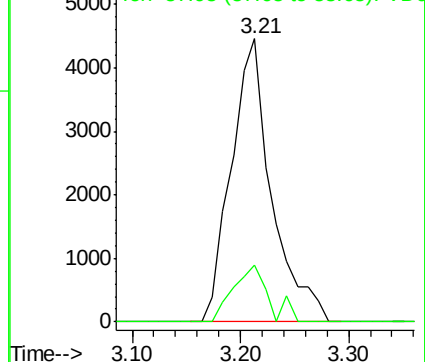
43 100

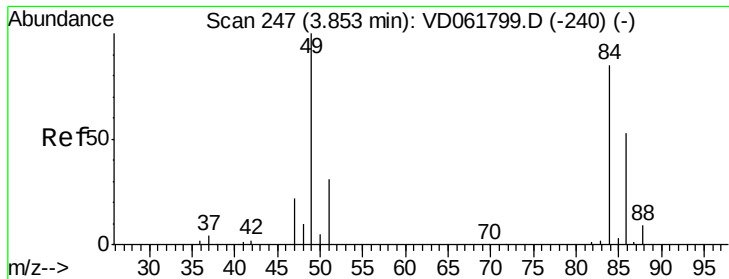
58 19.9 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

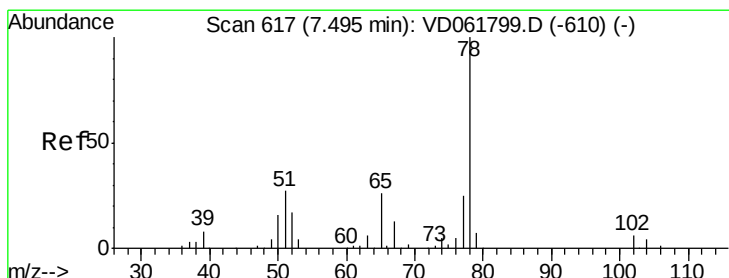
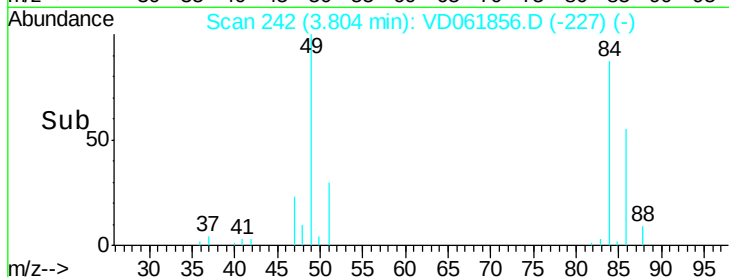
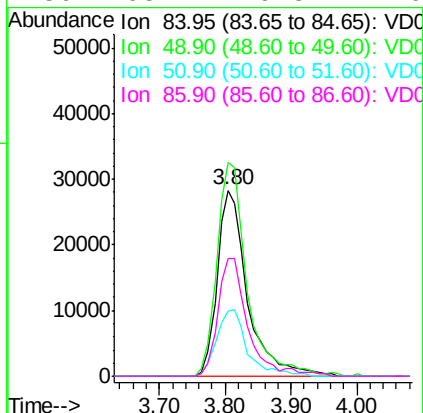
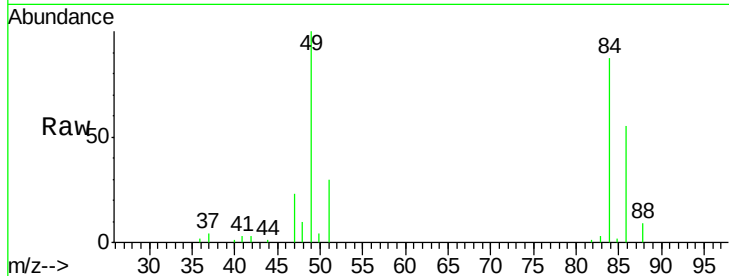




#20
Methylene Chloride
Concen: 19.019 ug/l
RT: 3.80 min Scan# 242
Delta R.T. -0.05 min
Lab File: VD061856.D
Acq: 17 Apr 2019 16:50

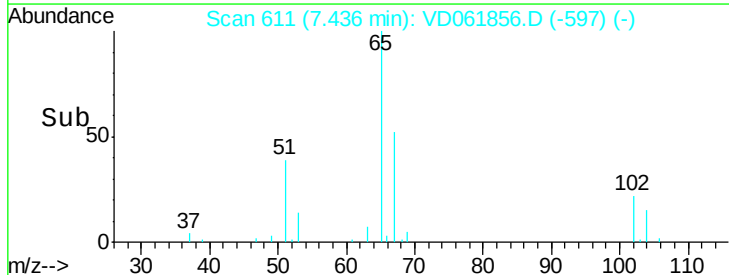
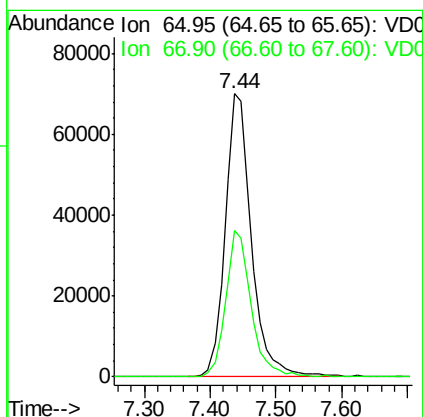
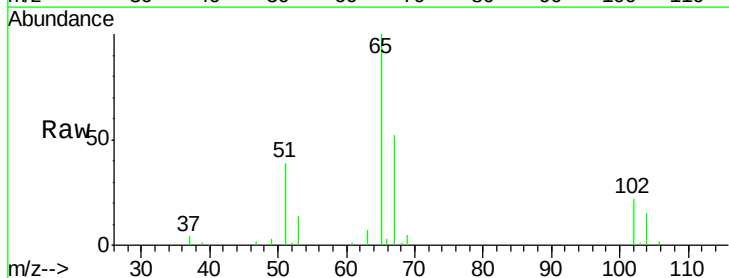
Instrument :
MSVOA_D
ClientSampleId :
HD-02-041119RE

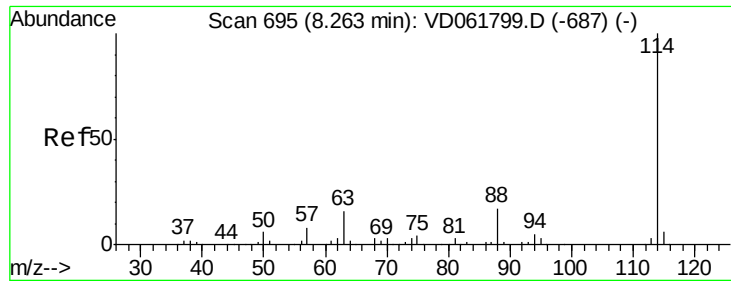
Tot Ion: 84 Resp: 90255
Ion Ratio Lower Upper
84 100
49 115.0 94.0 141.0
51 34.8 29.0 43.4
86 63.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.06 min
Lab File: VD061856.D
Acq: 17 Apr 2019 16:50

Tgt Ion: 65 Resp: 193912
Ion Ratio Lower Upper
65 100
67 51.9 0.0 98.0

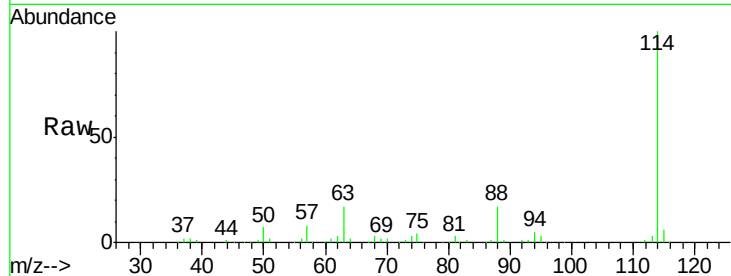




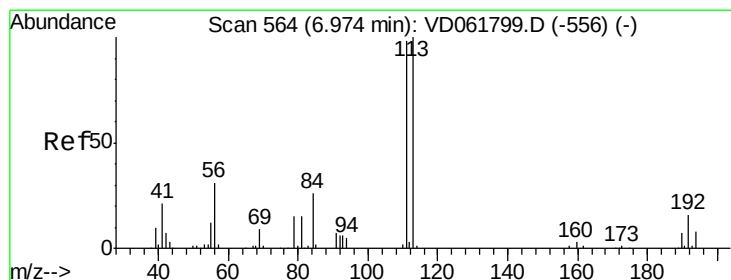
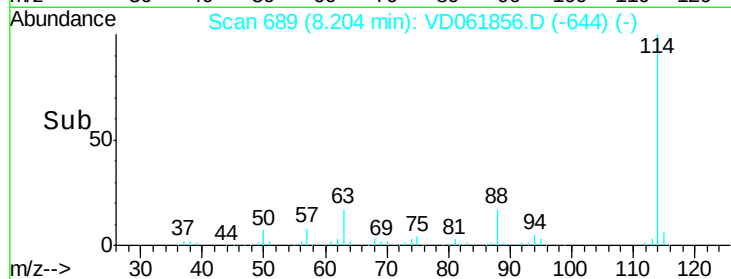
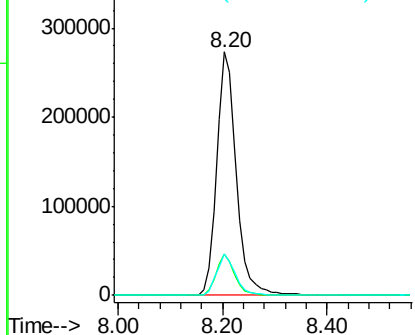
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.06 min
 Lab File: VD061856.D
 Acq: 17 Apr 2019 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-041119RE

Tot Ion:114 Resp: 710051
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 32.4
 88 16.9 0.0 33.6

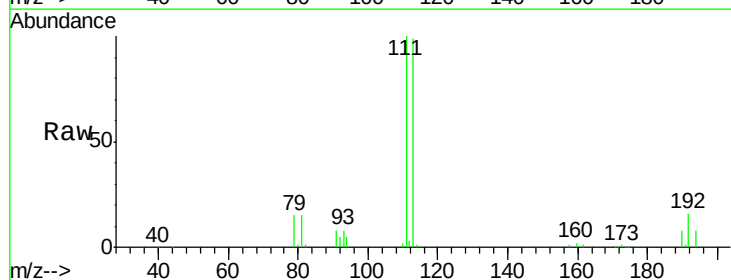


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

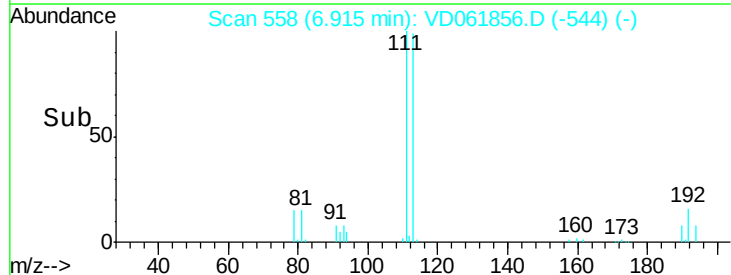
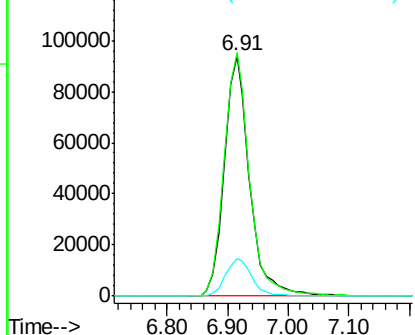


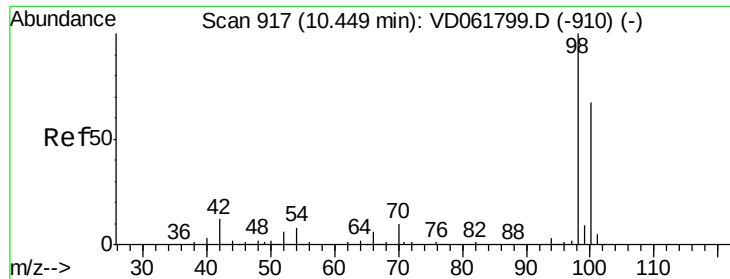
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.06 min
 Lab File: VD061856.D
 Acq: 17 Apr 2019 16:50

Tgt Ion:113 Resp: 271557
 Ion Ratio Lower Upper
 113 100
 111 101.3 78.5 117.7
 192 15.8 13.0 19.4



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

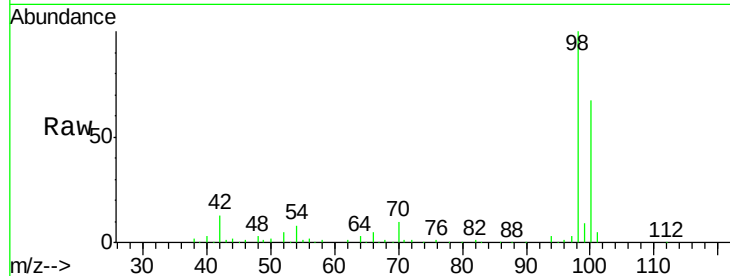




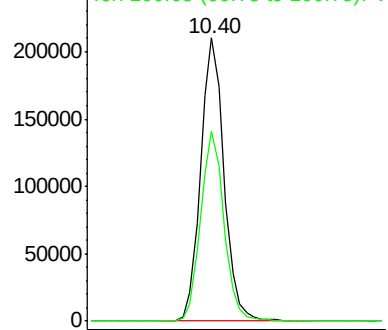
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.05 min
Lab File: VD061856.D
Acq: 17 Apr 2019 16:50

Instrument :
MSVOA_D
ClientSampleId :
HD-02-041119RE

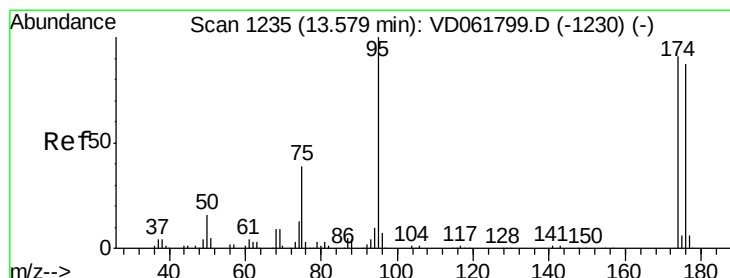
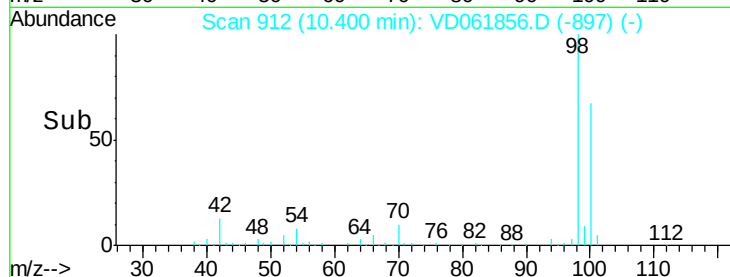
Tot Ion: 98 Resp: 473220
Ion Ratio Lower Upper
98 100
100 67.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)
Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

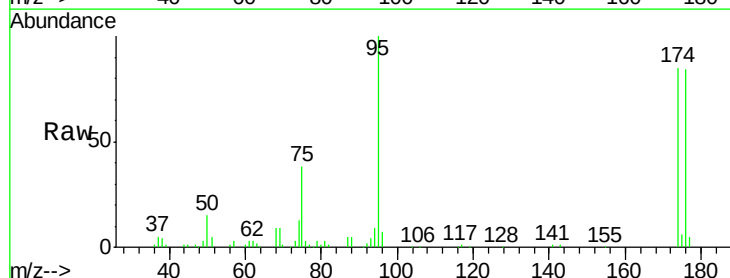


Time-->

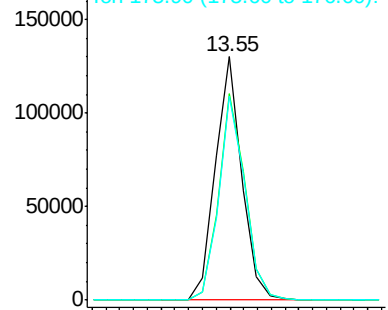


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.03 min
Lab File: VD061856.D
Acq: 17 Apr 2019 16:50

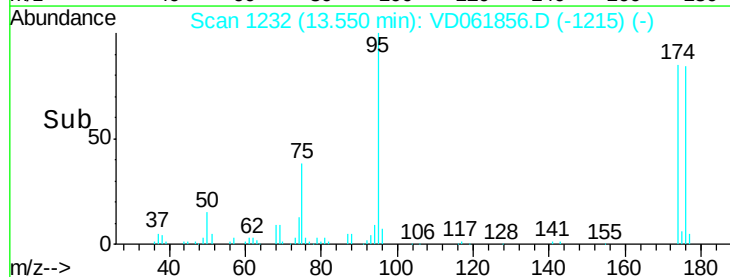
Tgt Ion: 95 Resp: 173394
Ion Ratio Lower Upper
95 100
174 85.0 0.0 181.8
176 84.0 0.0 174.4

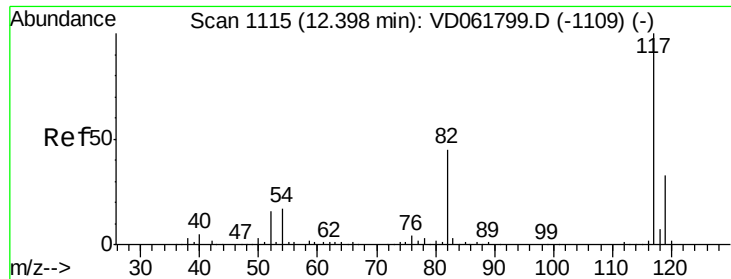


Abundance Ion 95.00 (94.70 to 95.70): VD061799.D (-1230) (-)
Ion 173.90 (173.60 to 174.60): VD061799.D (-1230) (-)
Ion 175.90 (175.60 to 176.60): VD061799.D (-1230) (-)



Time-->

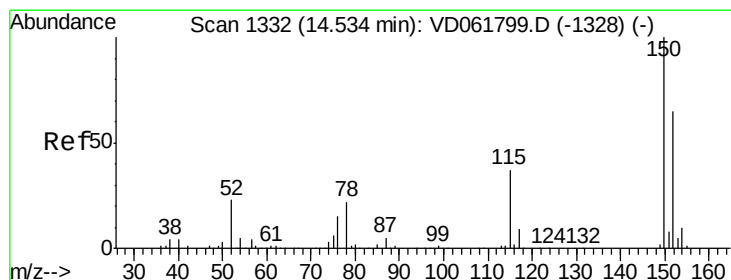
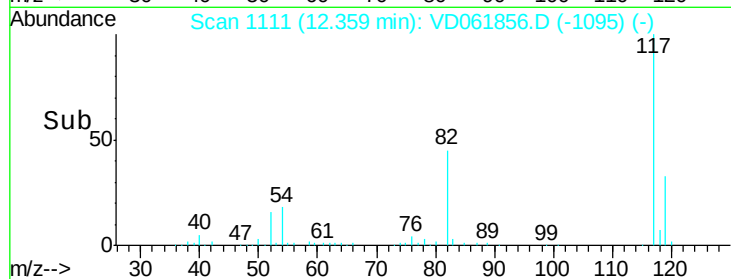
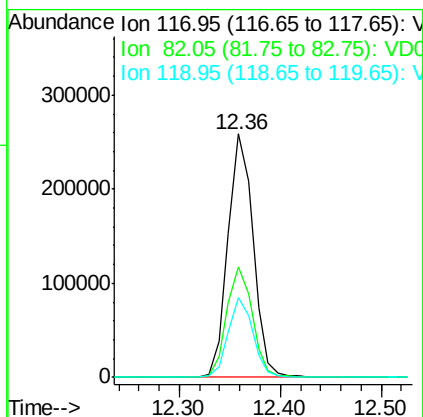
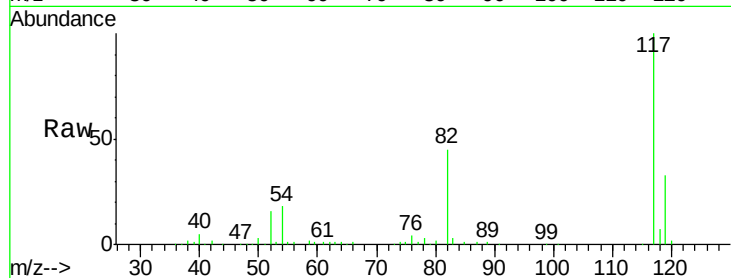




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.04 min
 Lab File: VD061856.D
 Acq: 17 Apr 2019 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-041119RE

Tot Ion:117 Resp: 450097
 Ion Ratio Lower Upper
 117 100
 82 45.2 36.2 54.2
 119 32.9 26.2 39.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: VD061856.D
 Acq: 17 Apr 2019 16:50

Tgt Ion:152 Resp: 147588
 Ion Ratio Lower Upper
 152 100
 115 53.8 30.9 92.7
 150 154.3 0.0 314.8

