

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020119\
 Data File : VD060819.D
 Acq On : 1 Feb 2019 15:11
 Operator : VA/AP
 Sample : K1292-01RE
 Misc : 3.22g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1RE

Quant Time: Feb 02 01:35:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 13:53:55 2019
 Response via : Initial Calibration

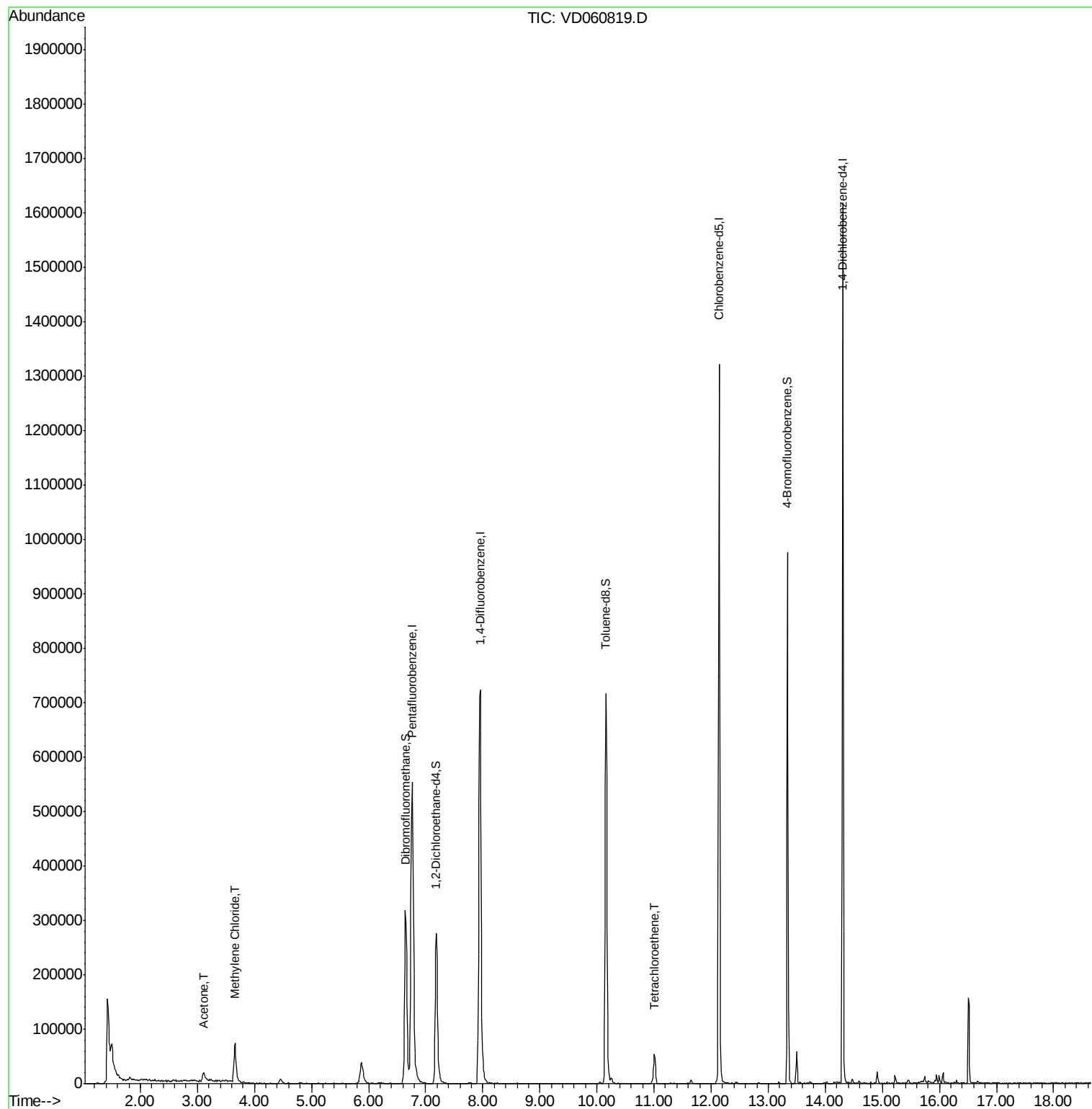
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.76	168	505092	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.95	114	714737	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.14	117	593092	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.30	152	306320	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.19	65	323792	41.81	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.62%	
35) Dibromofluoromethane	6.64	113	270392	39.45	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	78.90%	
50) Toluene-d8	10.16	98	534086	33.37	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	66.74%	
62) 4-Bromofluorobenzene	13.34	95	271354	33.73	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	67.46%	
Target Compounds						
16) Acetone	3.10	43	36514	32.648	ug/l	Qvalue 100
20) Methylene Chloride	3.66	84	44569	4.848	ug/l	95
64) Tetrachloroethene	11.01	164	11135	2.046	ug/l #	90

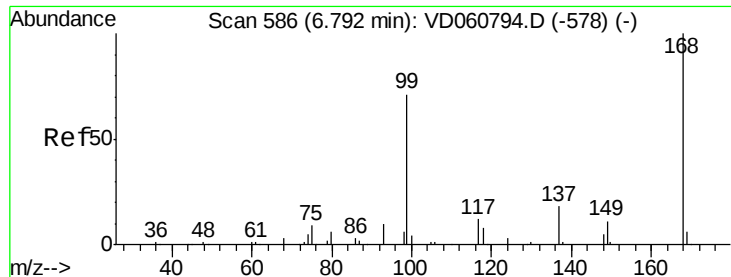
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.76 min Scan# 583

Delta R.T. -0.03 min

Lab File: VD060819.D

Acq: 1 Feb 2019 15:11

Instrument :

MSVOA_D

ClientSampleId :

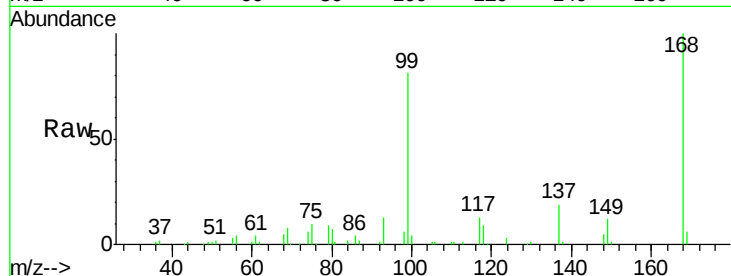
WC-1RE

Tot Ion:168 Resp: 505092

Ion Ratio Lower Upper

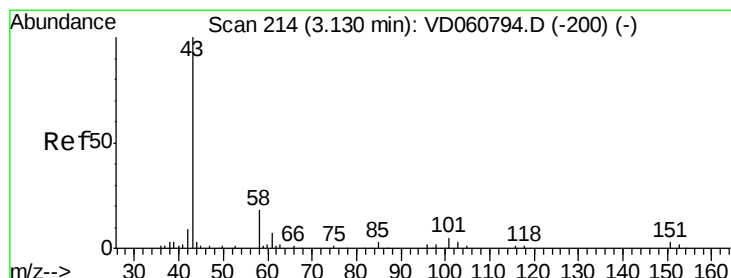
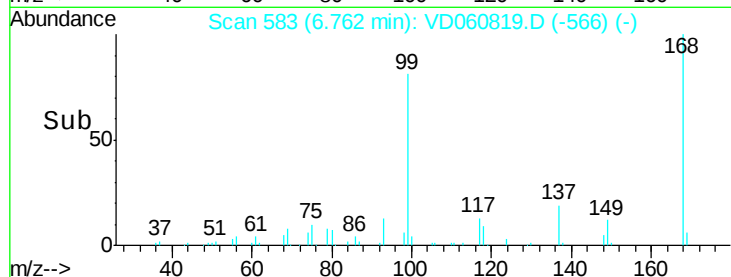
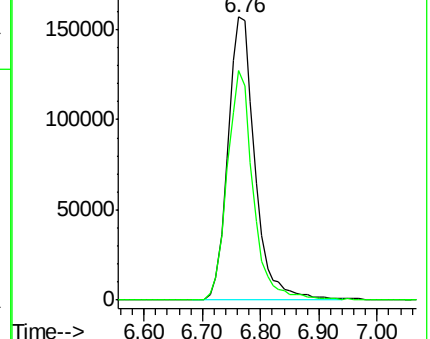
168 100

99 81.0 59.2 88.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 32.648 ug/l

RT: 3.10 min Scan# 211

Delta R.T. -0.03 min

Lab File: VD060819.D

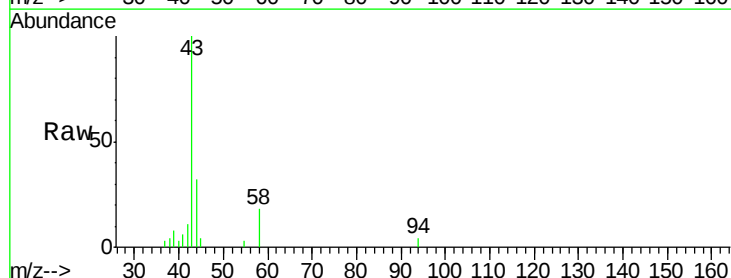
Acq: 1 Feb 2019 15:11

Tgt Ion: 43 Resp: 36514

Ion Ratio Lower Upper

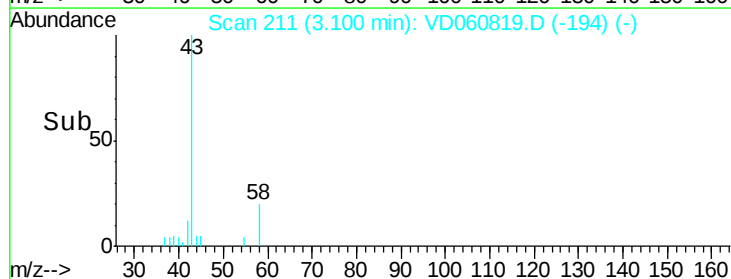
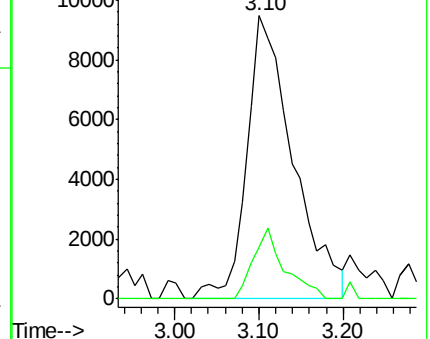
43 100

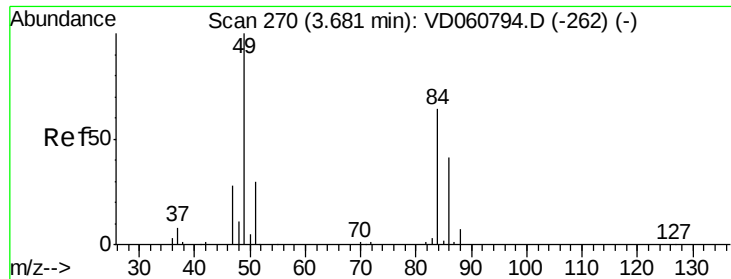
58 18.2 14.5 21.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

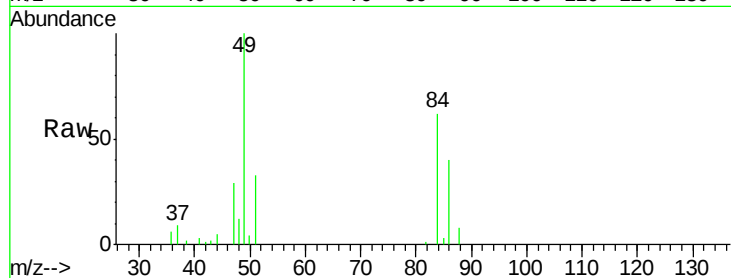




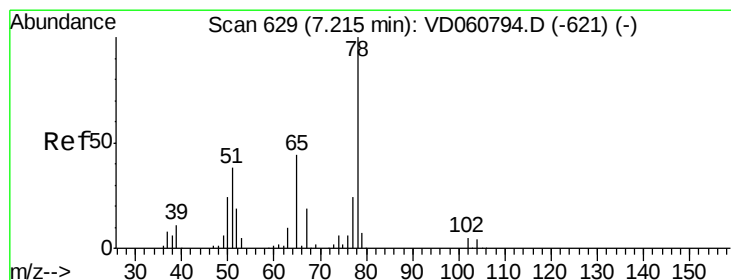
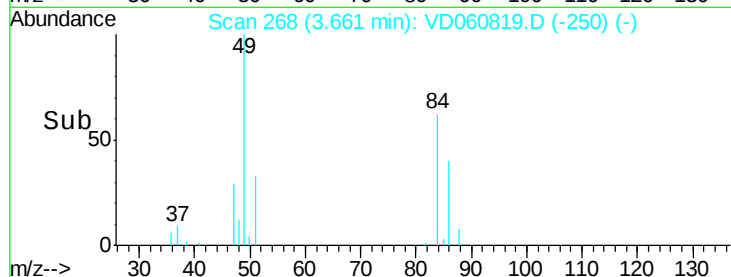
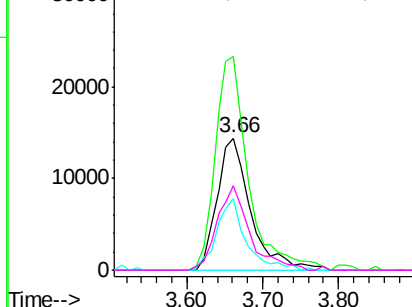
#20
Methvlene Chloride
Concen: 4.848 ug/l
RT: 3.66 min Scan# 268
Delta R.T. -0.02 min
Lab File: VD060819.D
Acq: 1 Feb 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
WC-1RE

Tot Ion: 84 Resp: 44569
Ion Ratio Lower Upper
84 100
49 161.5 124.2 186.2
51 53.9 38.1 57.1
86 64.1 50.6 76.0

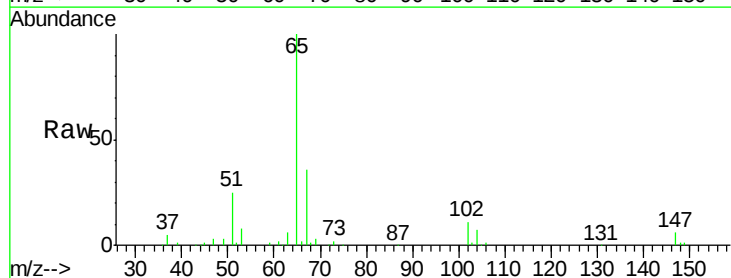


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

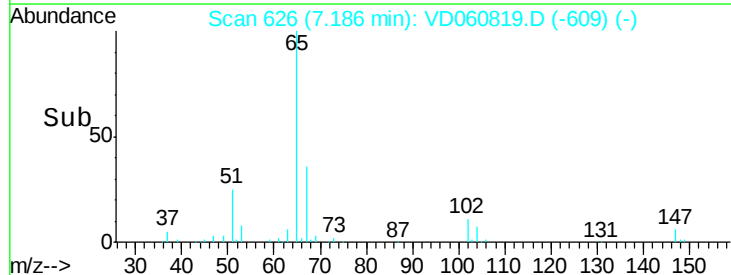
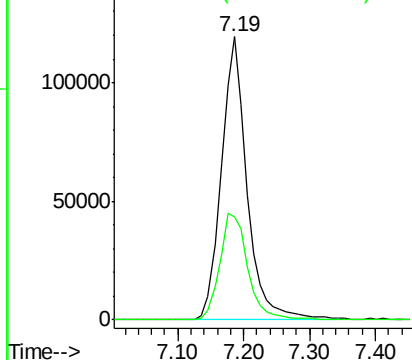


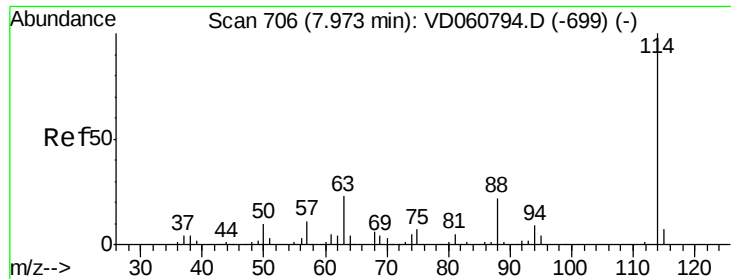
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 7.19 min Scan# 626
Delta R.T. -0.03 min
Lab File: VD060819.D
Acq: 1 Feb 2019 15:11

Tgt Ion: 65 Resp: 323792
Ion Ratio Lower Upper
65 100
67 36.3 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

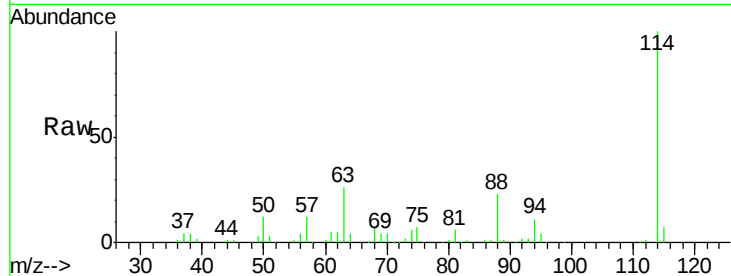




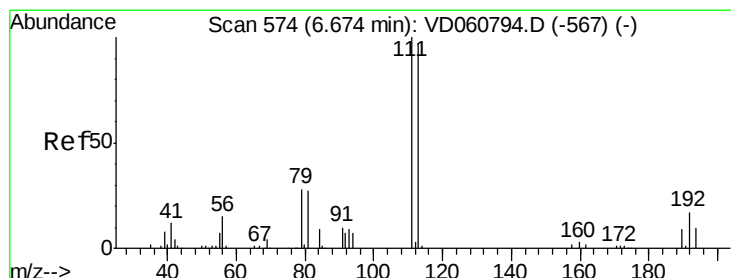
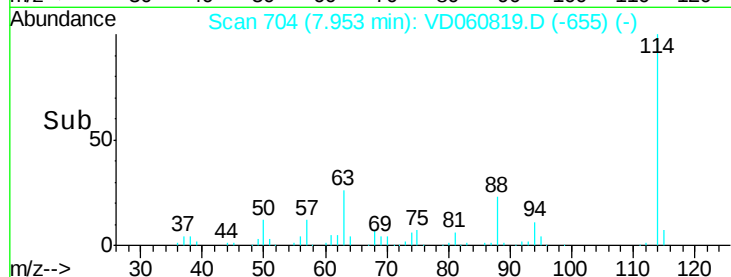
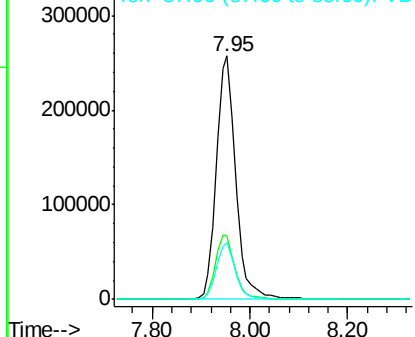
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 704
 Delta R.T. -0.02 min
 Lab File: VD060819.D
 Acq: 1 Feb 2019 15:11

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1RE

Tot Ion:114 Resp: 714737
 Ion Ratio Lower Upper
 114 100
 63 26.1 0.0 46.6
 88 23.4 0.0 44.0

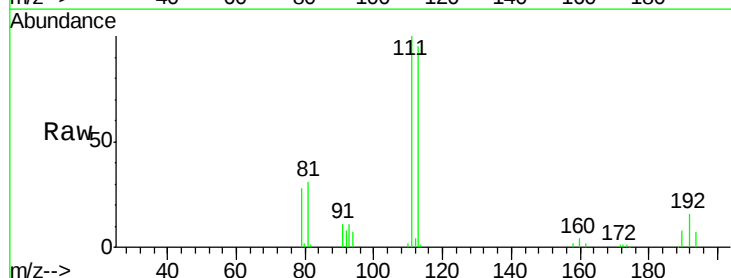


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

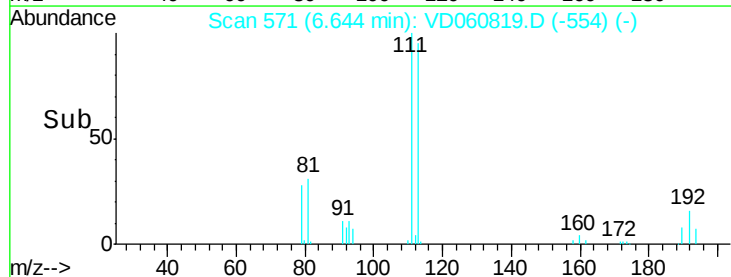
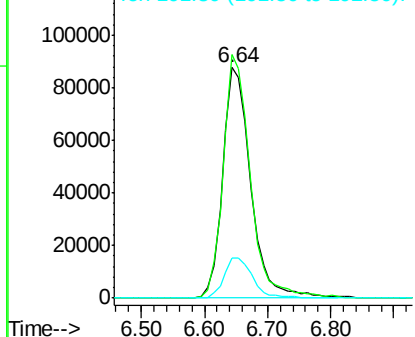


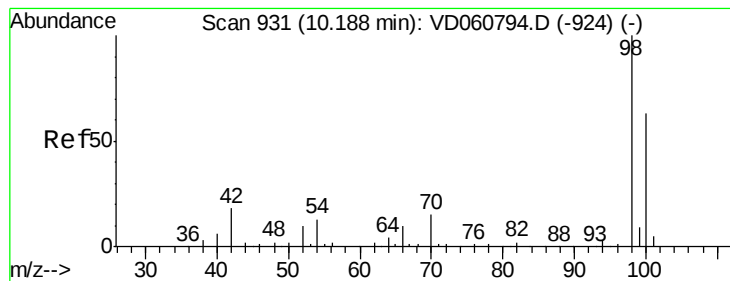
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.64 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: VD060819.D
 Acq: 1 Feb 2019 15:11

Tgt Ion:113 Resp: 270392
 Ion Ratio Lower Upper
 113 100
 111 105.6 82.3 123.5
 192 17.4 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: 10.16 min Scan# 928

Delta R.T. -0.03 min

Lab File: VD060819.D

Acq: 1 Feb 2019 15:11

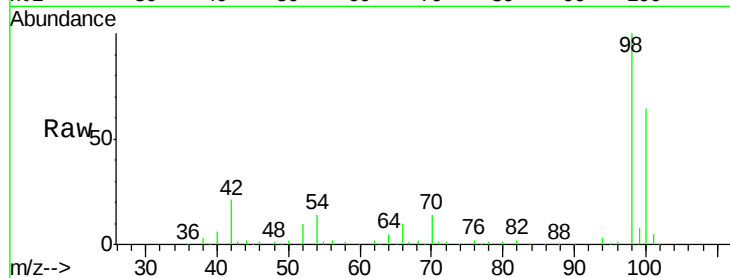
Instrument :
MSVOA_D
ClientSampled :
WC-1RE

Tot Ion: 98 Resp: 534086

Ion Ratio Lower Upper

98 100

100 63.9 51.0 76.6



Abundance Ion 98.05 (97.75 to 98.75): VD060794.D (-924) (-)

Ion 100.05 (99.75 to 100.75): VD060794.D (-924) (-)

10.16

250000

200000

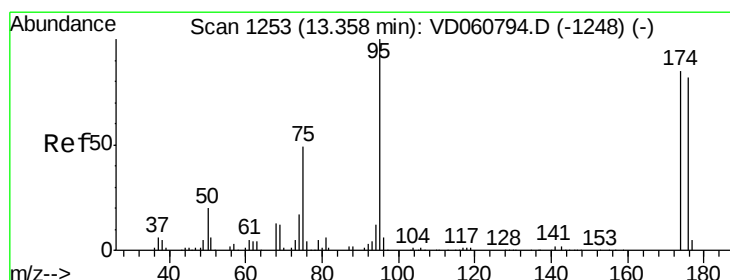
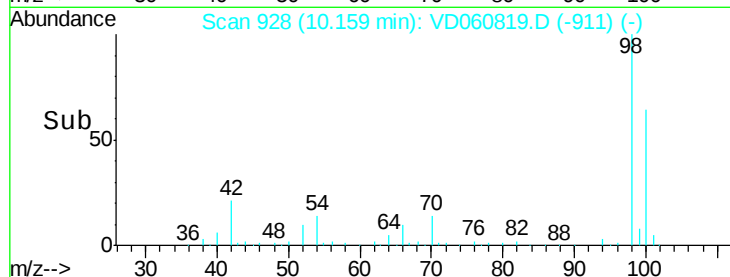
150000

100000

50000

0

Time--> 10.00 10.20



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.34 min Scan# 1251

Delta R.T. -0.02 min

Lab File: VD060819.D

Acq: 1 Feb 2019 15:11

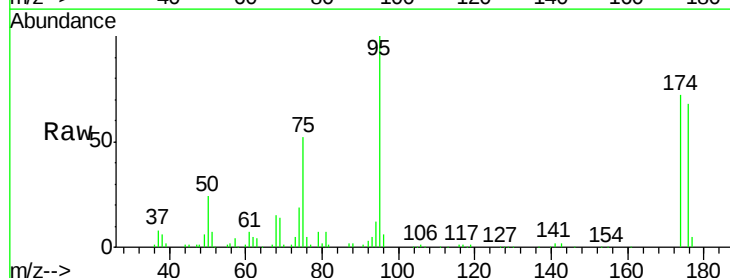
Tgt Ion: 95 Resp: 271354

Ion Ratio Lower Upper

95 100

174 71.8 0.0 169.6

176 67.7 0.0 163.8



Abundance Ion 95.00 (94.70 to 95.70): VD060794.D (-1248) (-)

Ion 173.90 (173.60 to 174.60): VD060794.D (-1248) (-)

Ion 175.90 (175.60 to 176.60): VD060794.D (-1248) (-)

250000

200000

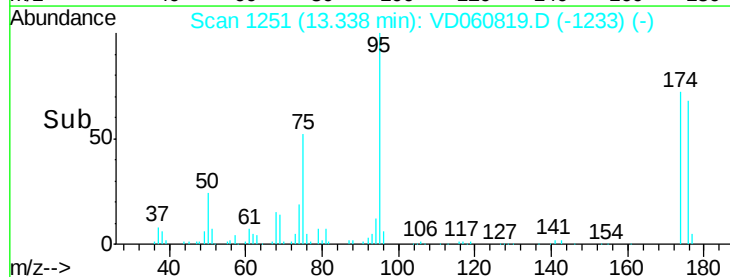
150000

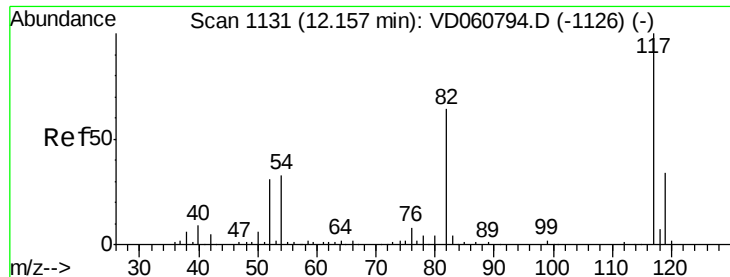
100000

50000

0

Time--> 13.30 13.40

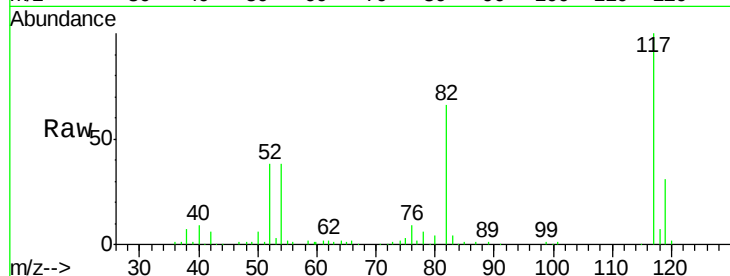




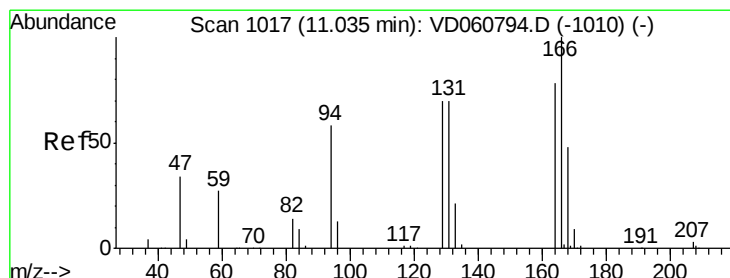
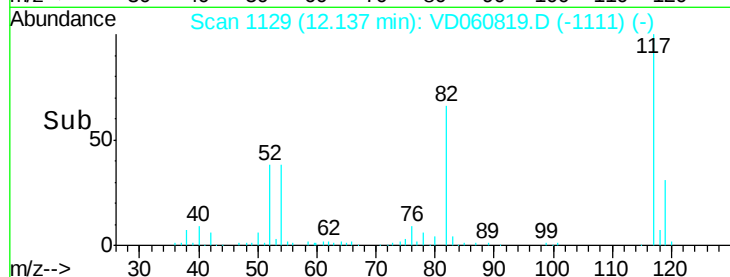
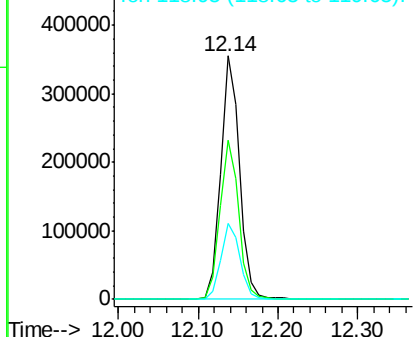
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.14 min Scan# 1129
Delta R.T. -0.02 min
Lab File: VD060819.D
Acq: 1 Feb 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
WC-1RE

Tot Ion:117 Resp: 593092
Ion Ratio Lower Upper
117 100
82 65.6 51.5 77.3
119 31.0 27.1 40.7

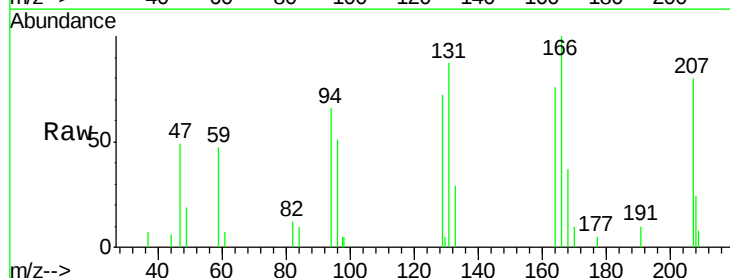


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

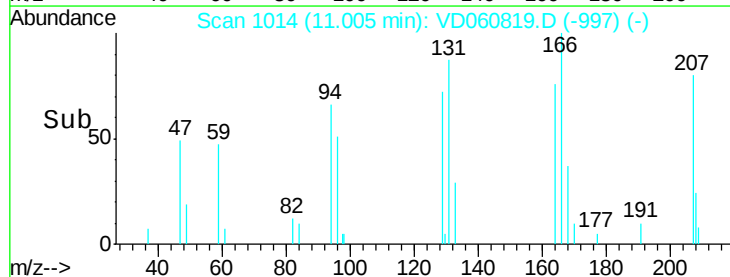
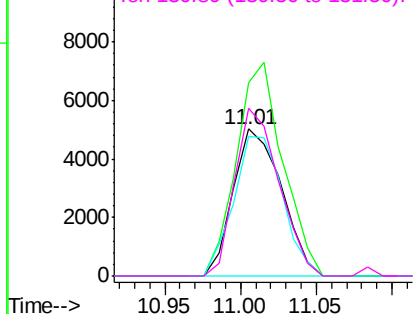


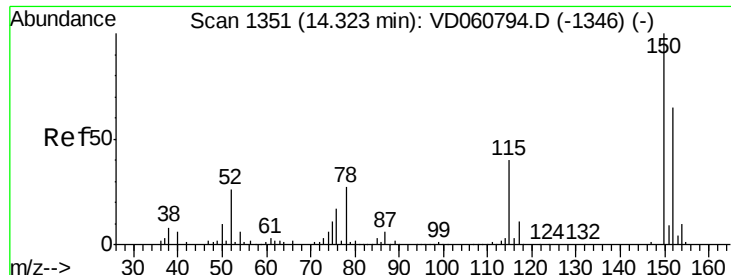
#64
Tetrachloroethene
Concen: 2.046 ug/l
RT: 11.01 min Scan# 1014
Delta R.T. -0.03 min
Lab File: VD060819.D
Acq: 1 Feb 2019 15:11

Tgt Ion:164 Resp: 11135
Ion Ratio Lower Upper
164 100
166 131.6 102.6 154.0
129 95.3 72.3 108.5
131 114.5 72.1 108.1#



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

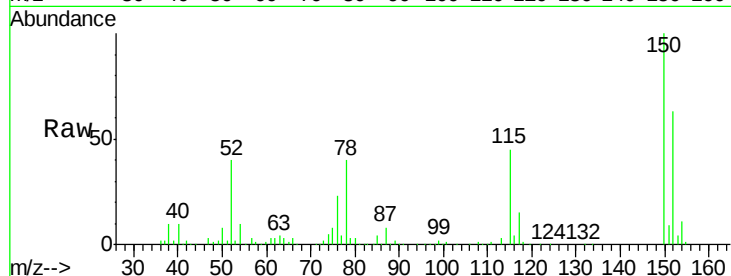




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.30 min Scan# 1349
 Delta R.T. -0.02 min
 Lab File: VD060819.D
 Acq: 1 Feb 2019 15:11

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1RE

Tot Ion:152 Resp: 306320
 Ion Ratio Lower Upper
 152 100
 115 70.8 31.6 95.0
 150 158.1 0.0 317.6



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

