

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030619\
 Data File : VD060965.D
 Acq On : 6 Mar 2019 15:10
 Operator : VA/AP
 Sample : K1714-17
 Misc : 5.74g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-D-2-5

Quant Time: Mar 07 06:14:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 01:28:28 2019
 Response via : Initial Calibration

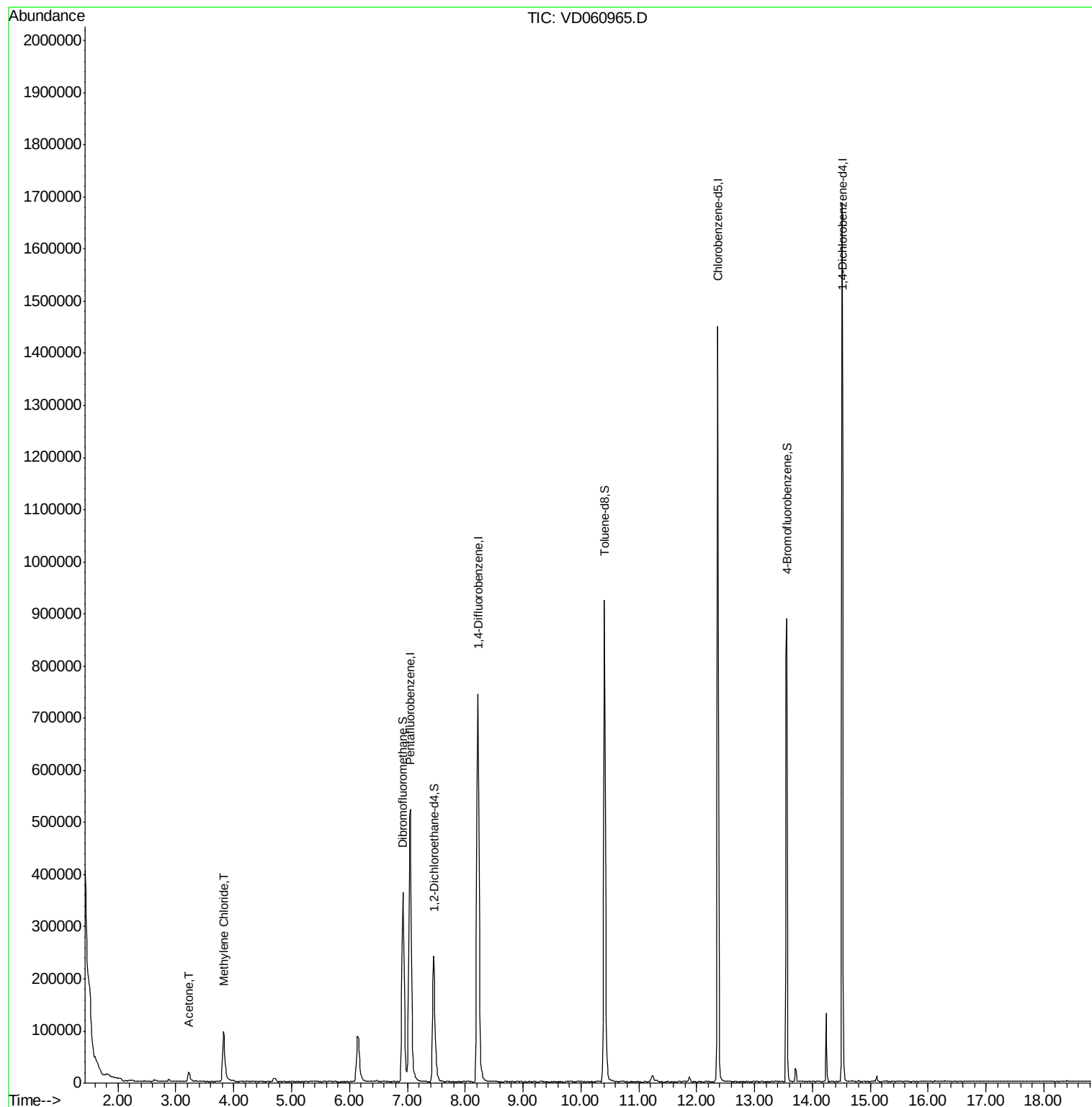
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	603268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1033631	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	958296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	388267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	211825	42.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.94%	
35) Dibromofluoromethane	6.92	113	349499	42.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.36%	
50) Toluene-d8	10.41	98	777820	37.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.44%	
62) 4-Bromofluorobenzene	13.55	95	305463	39.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.40%	
Target Compounds						
16) Acetone	3.22	43	39318	23.612	ug/l	92
20) Methylene Chloride	3.82	84	76587	6.534	ug/l	99

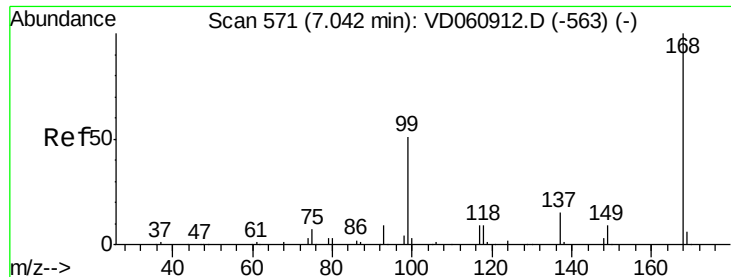
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD060965.D

Acq: 6 Mar 2019 15:10

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MSVOA_D

ClientSampleId :

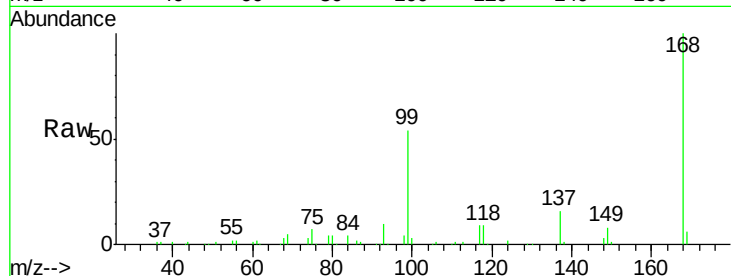
SB-D-2-5

Tot Ion:168 Resp: 603268

Ion Ratio Lower Upper

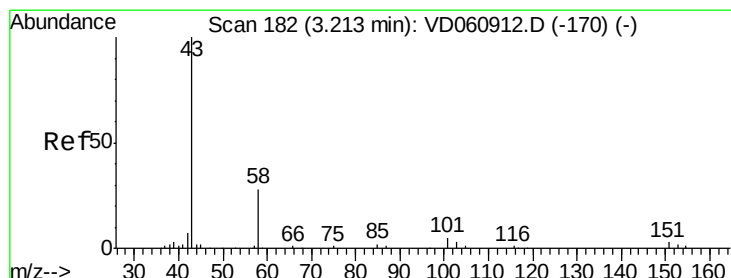
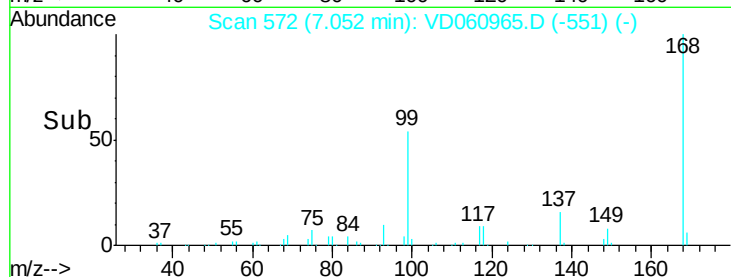
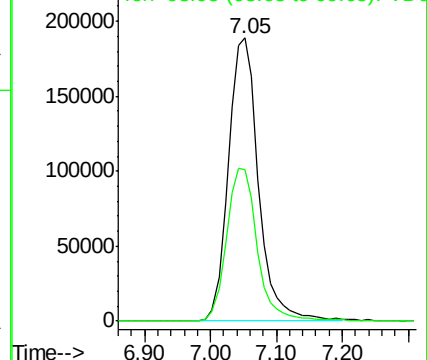
168 100

99 53.7 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 23.612 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD060965.D

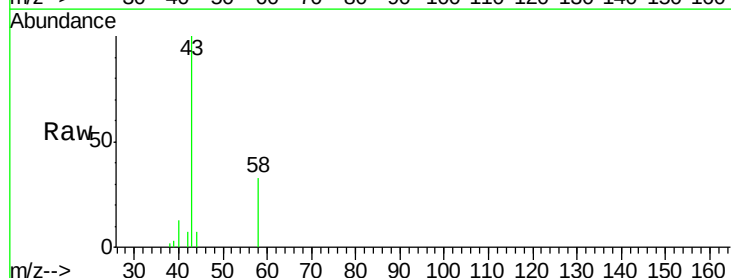
Acq: 6 Mar 2019 15:10

Tgt Ion: 43 Resp: 39318

Ion Ratio Lower Upper

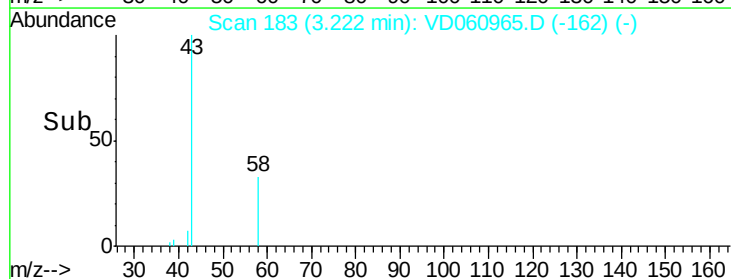
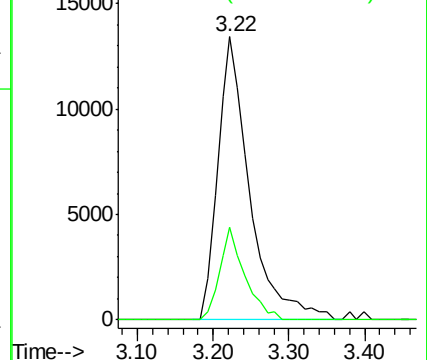
43 100

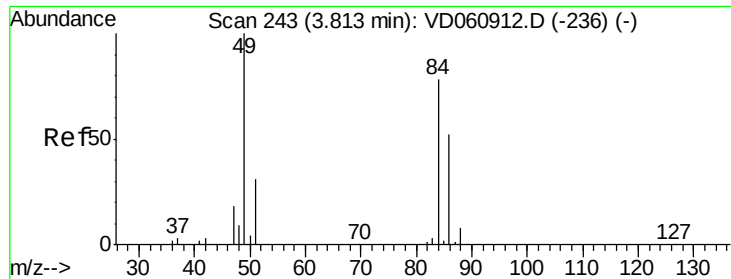
58 32.7 22.8 34.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

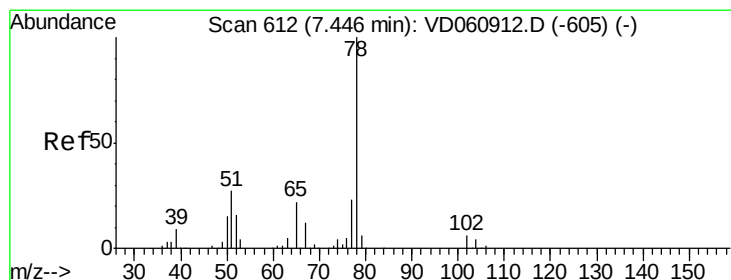
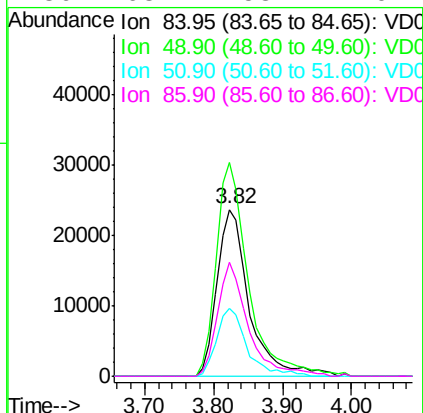
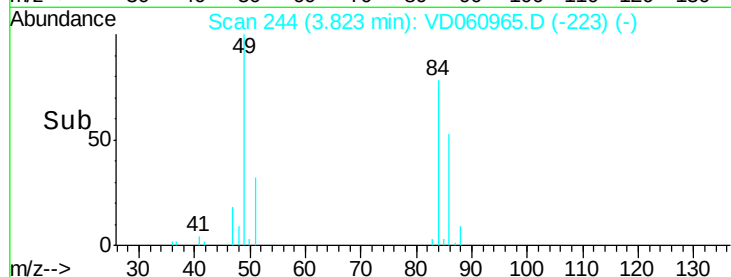
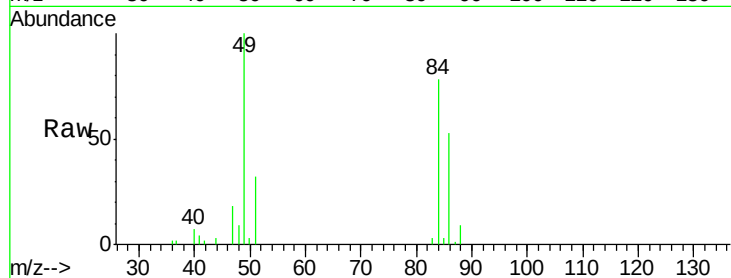




#20
Methylene Chloride
Concen: 6.534 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD060965.D
Acq: 6 Mar 2019 15:10

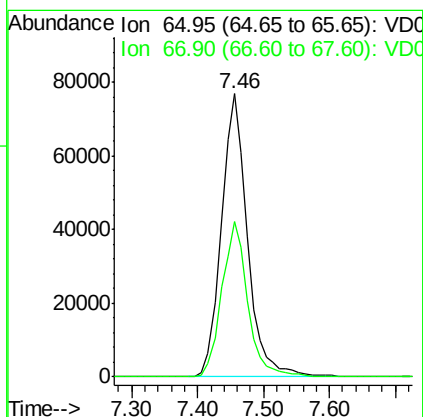
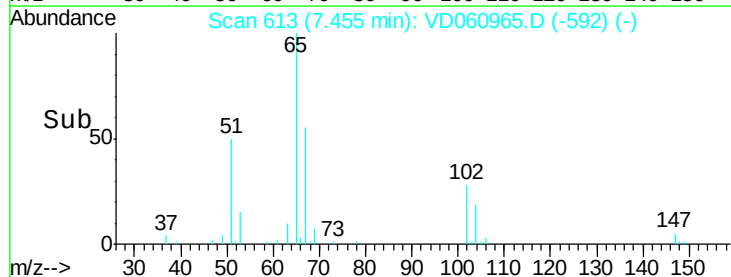
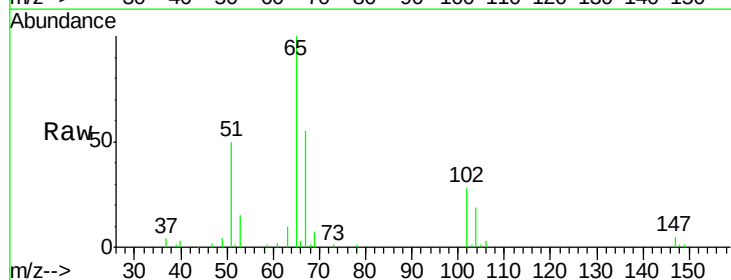
Instrument :
MSVOA_D
ClientSampleId :
SB-D-2-5

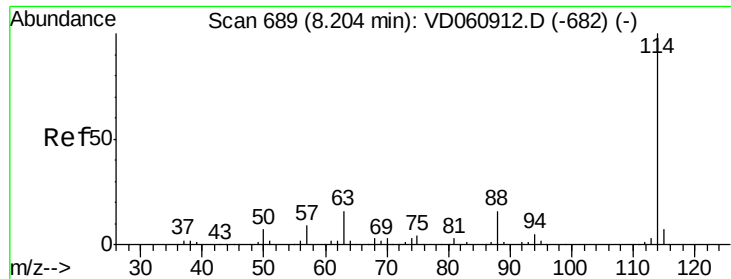
Tot Ion:	84	Resp:	76587
Ion	Ratio	Lower	Upper
84	100		
49	128.3	102.4	153.6
51	40.4	31.9	47.9
86	68.1	53.1	79.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD060965.D
Acq: 6 Mar 2019 15:10

Tgt Ion:	65	Resp:	211825
Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	109.4

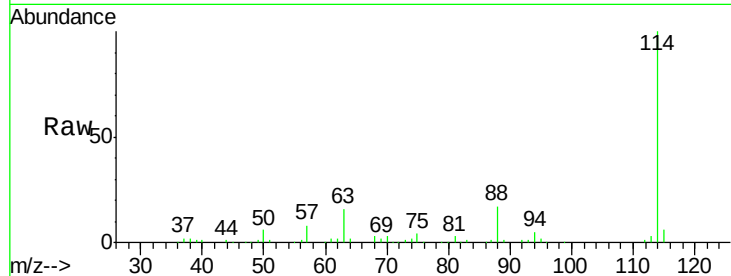




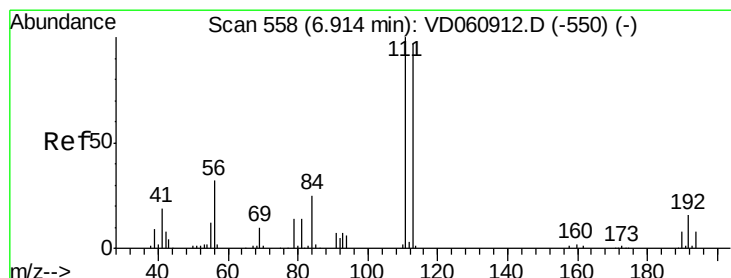
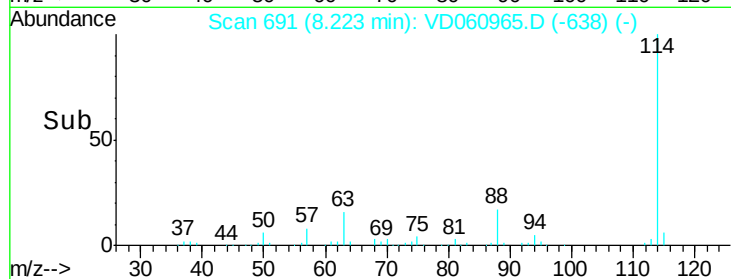
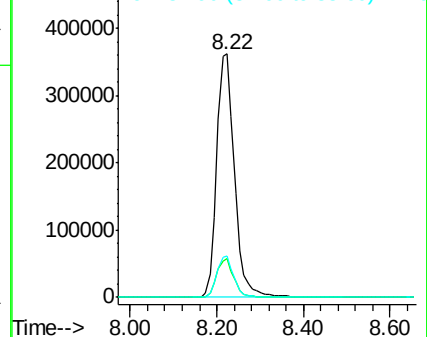
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD060965.D
 Acq: 6 Mar 2019 15:10

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-D-2-5

Tot Ion:114 Resp: 1033631
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 32.0
 88 16.8 0.0 32.8

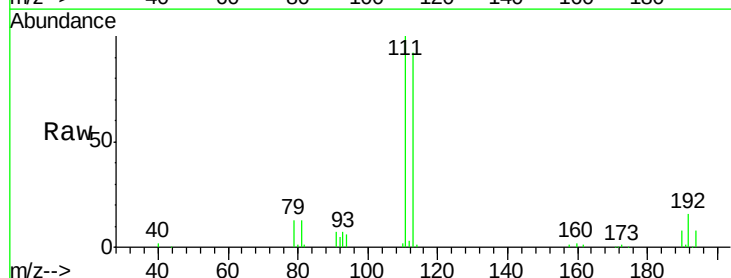


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

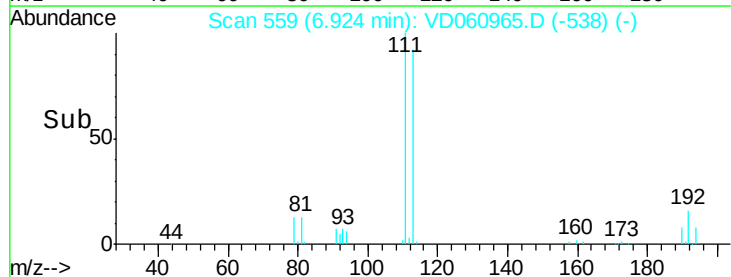
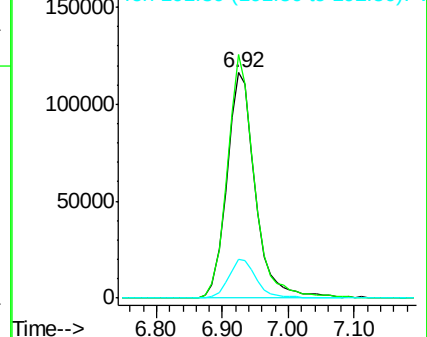


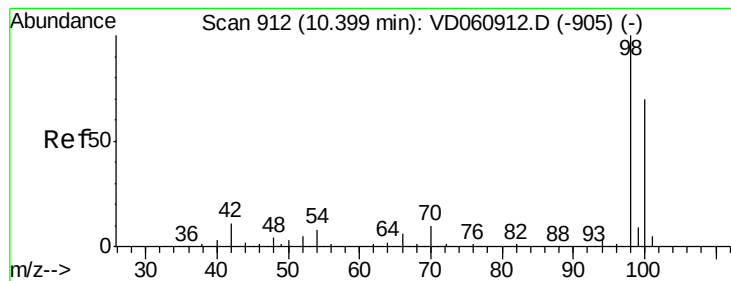
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD060965.D
 Acq: 6 Mar 2019 15:10

Tgt Ion:113 Resp: 349499
 Ion Ratio Lower Upper
 113 100
 111 108.2 82.6 124.0
 192 17.0 13.4 20.2



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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD060965.D

Acq: 6 Mar 2019 15:10

Instrument :

MSVOA_D

ClientSampleId :

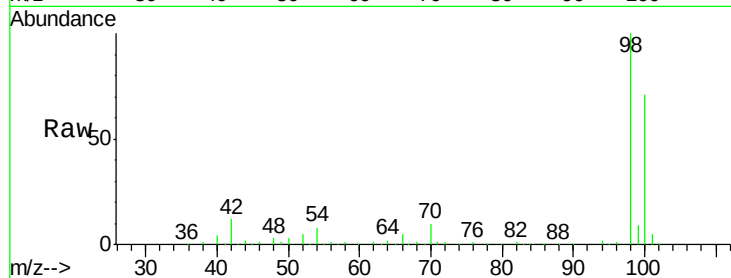
SB-D-2-5

Tot Ion: 98 Resp: 777820

Ion Ratio Lower Upper

98 100

100 70.5 57.0 85.4



Abundance Ion 98.05 (97.75 to 98.75): VD060912.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060912.D (-905) (-)

10.41

400000

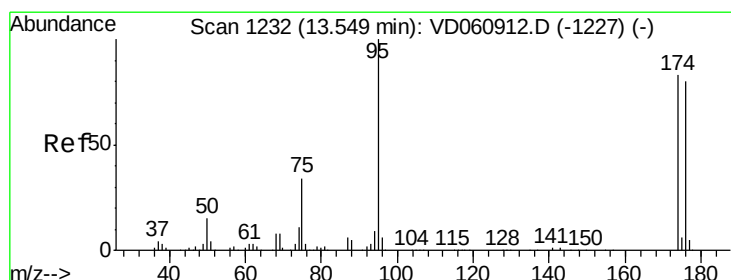
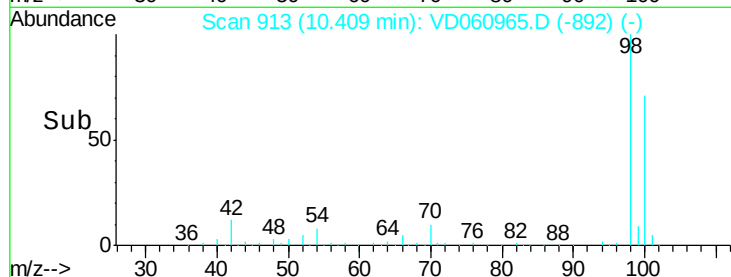
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD060965.D

Acq: 6 Mar 2019 15:10

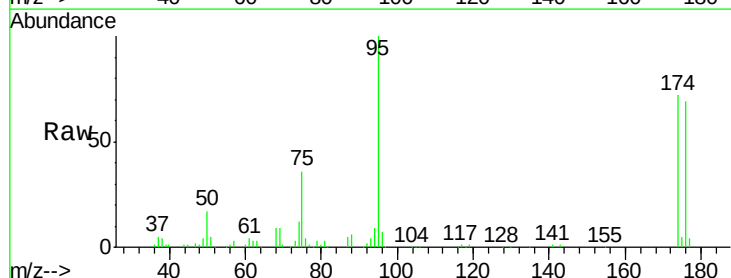
Tgt Ion: 95 Resp: 305463

Ion Ratio Lower Upper

95 100

174 72.0 0.0 165.6

176 69.2 0.0 160.6



Abundance Ion 95.00 (94.70 to 95.70): VD060912.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060912.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060912.D (-1227) (-)

13.55

250000

200000

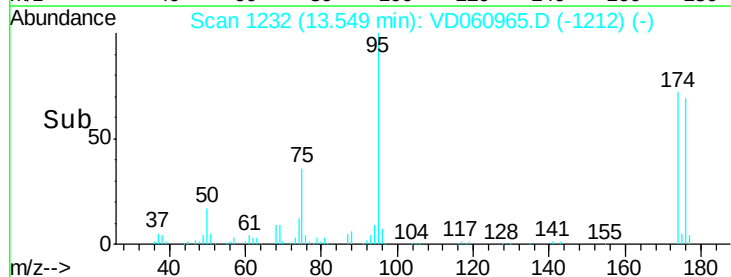
150000

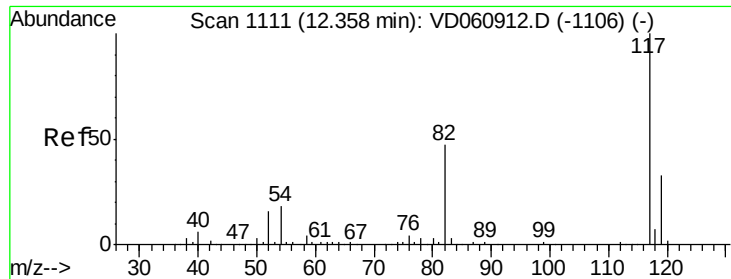
100000

50000

0

Time-->

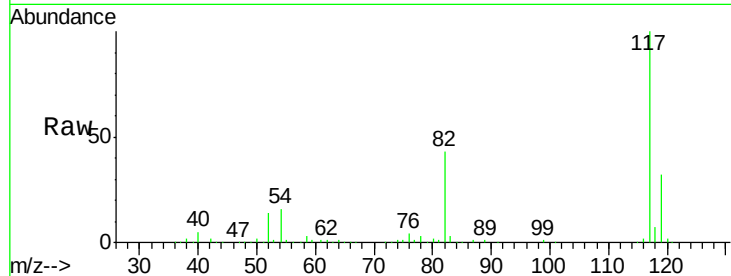




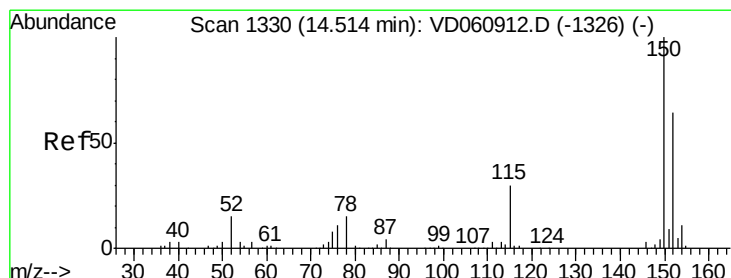
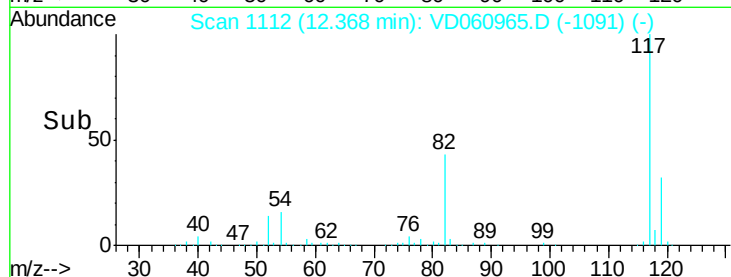
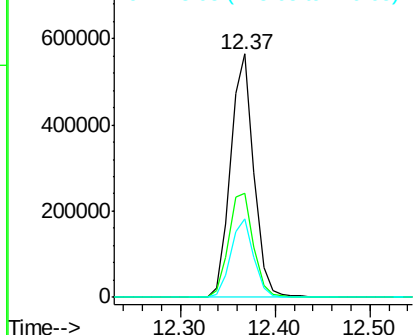
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD060965.D
Acq: 6 Mar 2019 15:10

Instrument :
MSVOA_D
ClientSampleId :
SB-D-2-5

Tot Ion:117 Resp: 958296
Ion Ratio Lower Upper
117 100
82 42.7 37.5 56.3
119 32.4 26.2 39.2

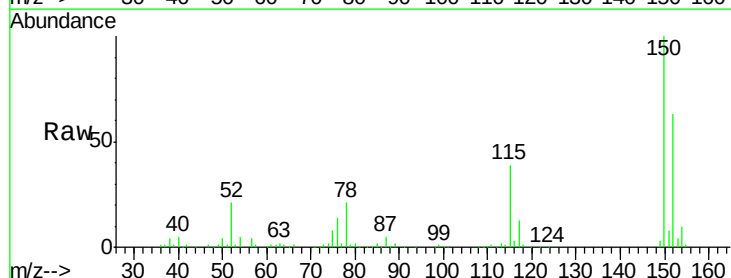


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD060965.D
Acq: 6 Mar 2019 15:10

Tgt Ion:152 Resp: 388267
Ion Ratio Lower Upper
152 100
115 61.4 27.6 82.8
150 157.6 0.0 312.8



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

