

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061664.D
 Acq On : 8 Apr 2019 21:47
 Operator : VA/AP
 Sample : K2317-15
 Misc : 5.11g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2

Quant Time: Apr 09 02:39:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

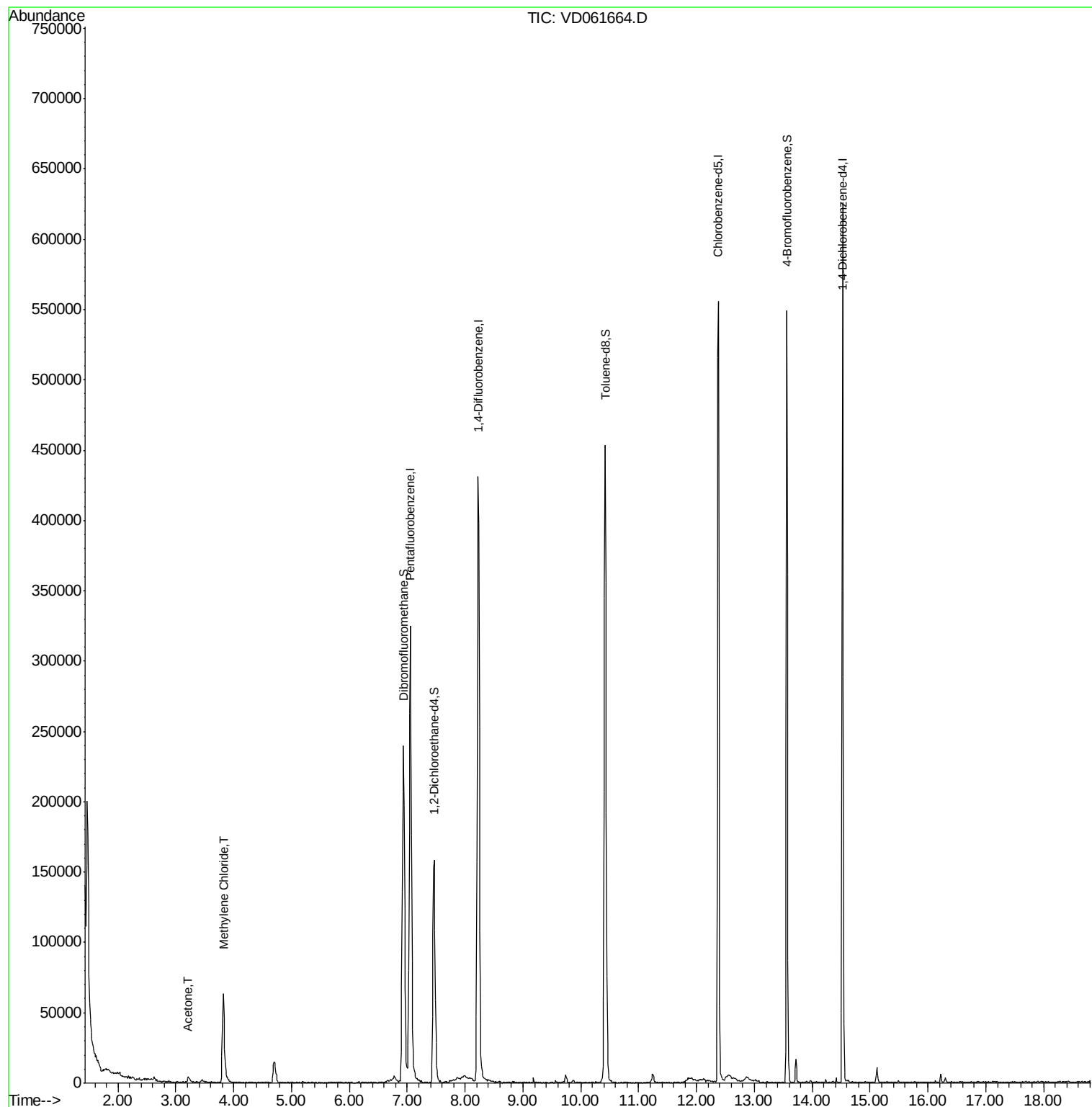
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	318288	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	521407	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	364373	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	149110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	154229	63.93	ug/l	0.01
Spiked Amount 50.000			Recovery	=	127.86%	
35) Dibromofluoromethane	6.93	113	219137	60.67	ug/l	0.01
Spiked Amount 50.000			Recovery	=	121.34%	
50) Toluene-d8	10.42	98	408057	44.96	ug/l	0.01
Spiked Amount 50.000			Recovery	=	89.92%	
62) 4-Bromofluorobenzene	13.56	95	165219	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
Target Compounds						
16) Acetone	3.21	43	8438	11.700	ug/l	93
20) Methylene Chloride	3.82	84	47203	11.534	ug/l	96

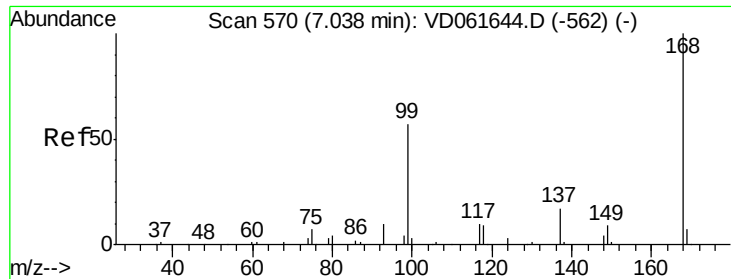
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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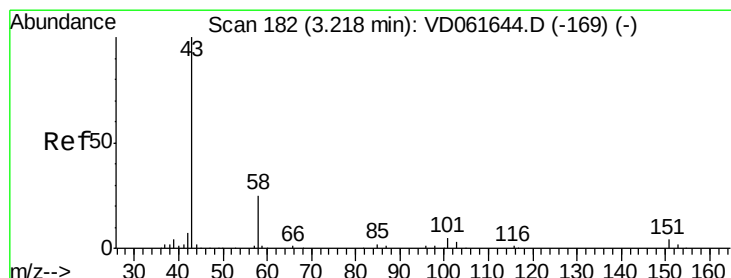
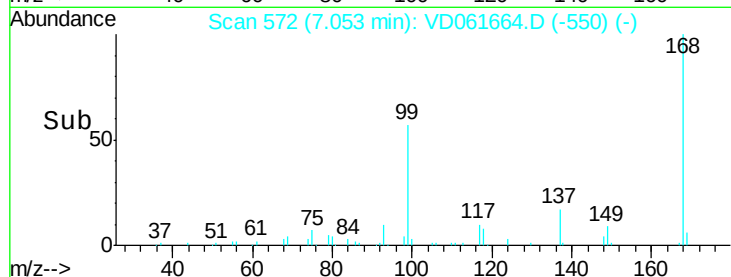
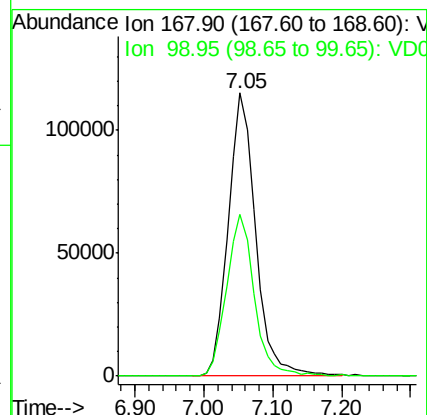
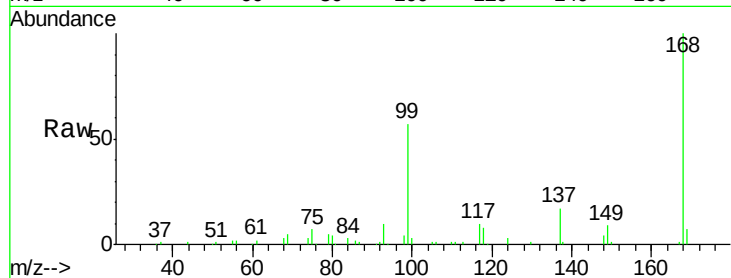




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.01 min
Lab File: VD061664.D
Acq: 8 Apr 2019 21:47

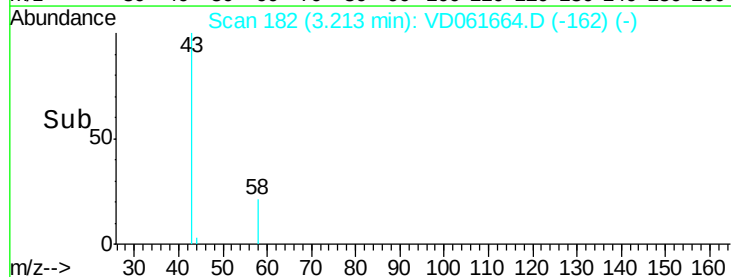
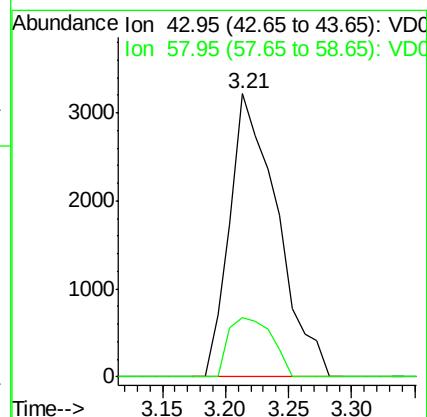
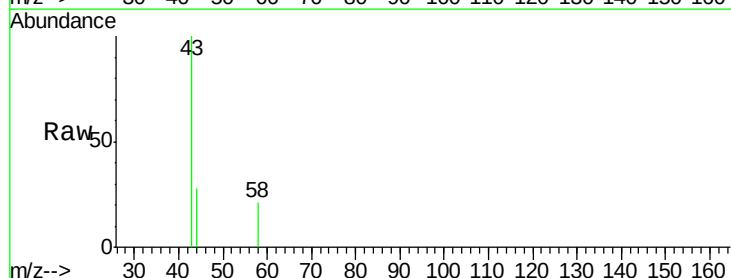
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

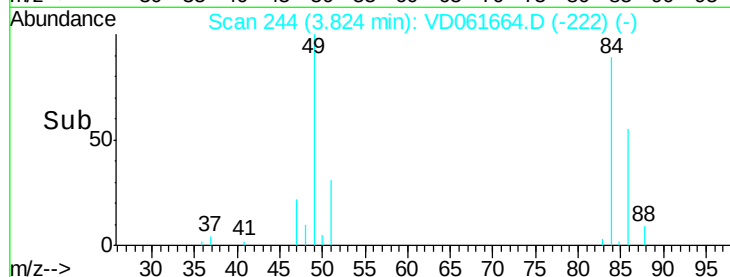
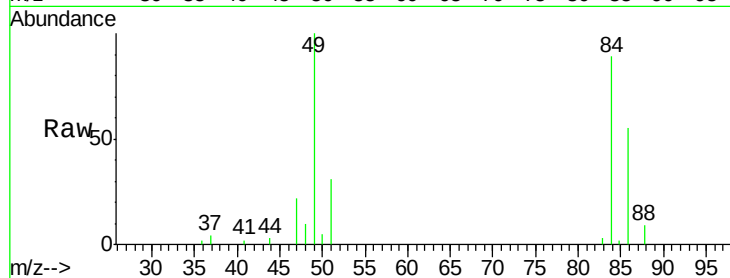
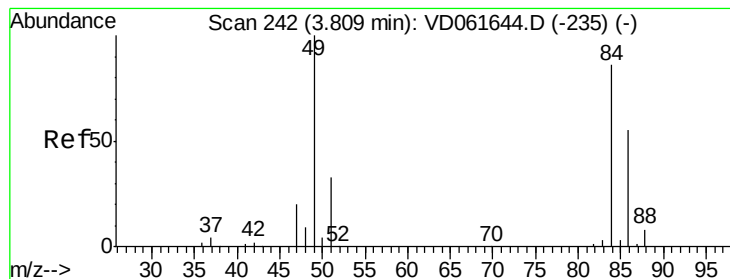
Tot Ion:168 Resp: 318288
Ion Ratio Lower Upper
168 100
99 57.2 46.8 70.2



#16
Acetone
Concen: 11.700 ug/l
RT: 3.21 min Scan# 182
Delta R.T. -0.00 min
Lab File: VD061664.D
Acq: 8 Apr 2019 21:47

Tgt Ion: 43 Resp: 8438
Ion Ratio Lower Upper
43 100
58 20.9 19.7 29.5





#20

Methylene Chloride

Concen: 11.534 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061664.D

Acq: 8 Apr 2019 21:47

Instrument :

MSVOA_D

ClientSampleId :

COMP-2

Tot Ion: 84 Resp: 47203

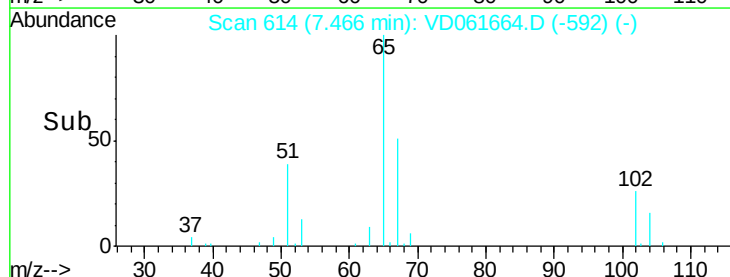
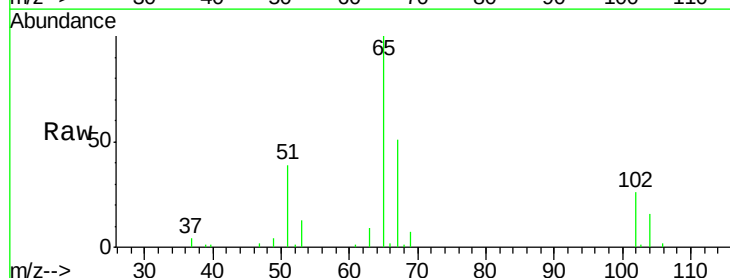
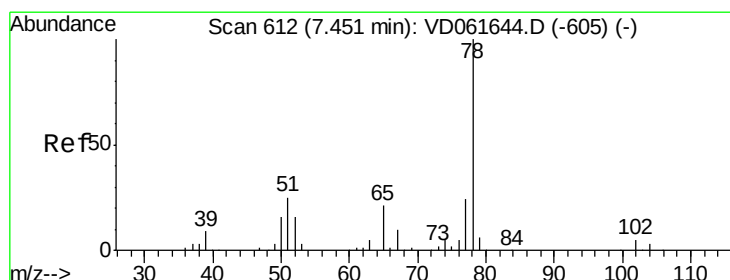
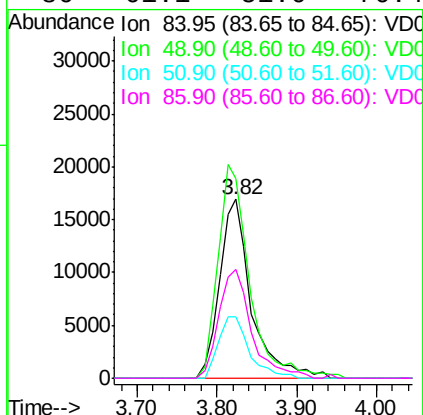
Ion Ratio Lower Upper

84 100

49 111.8 93.0 139.4

51 34.3 30.4 45.6

86 61.1 51.0 76.4



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD061664.D

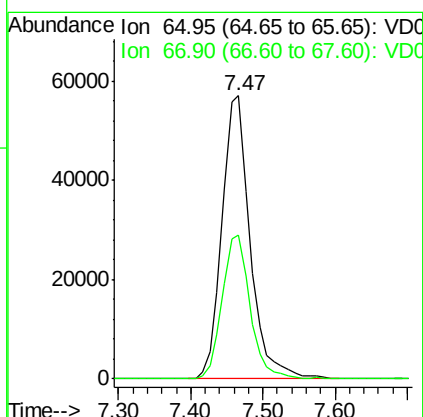
Acq: 8 Apr 2019 21:47

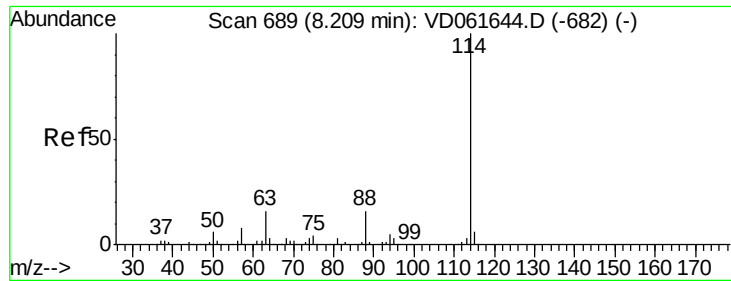
Tgt Ion: 65 Resp: 154229

Ion Ratio Lower Upper

65 100

67 50.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061664.D

Acq: 8 Apr 2019 21:47

Instrument :

MSVOA_D

ClientSampleId :

COMP-2

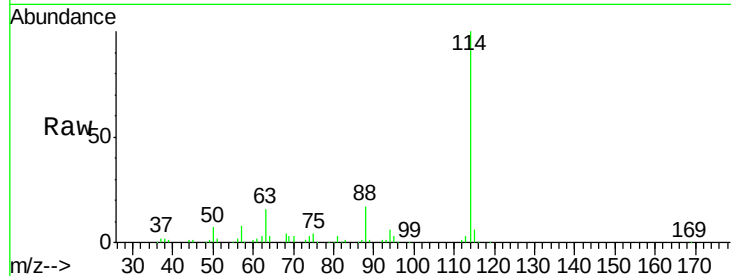
Tot Ion:114 Resp: 521407

Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.2

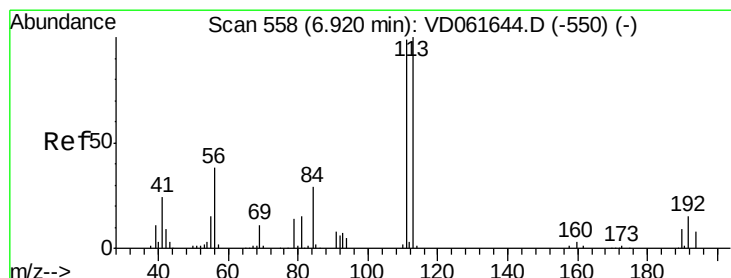
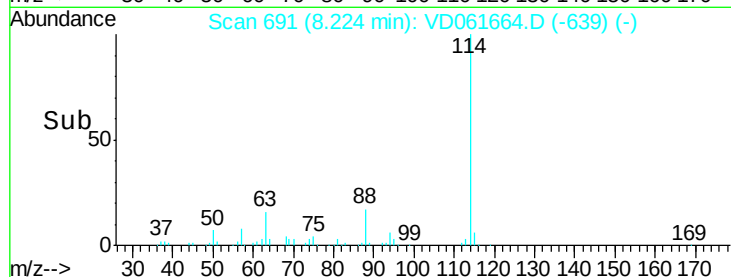
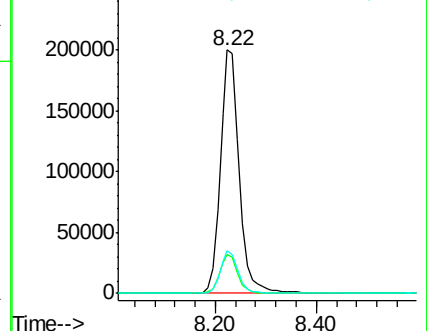
88 17.3 0.0 31.8



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: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061664.D

Acq: 8 Apr 2019 21:47

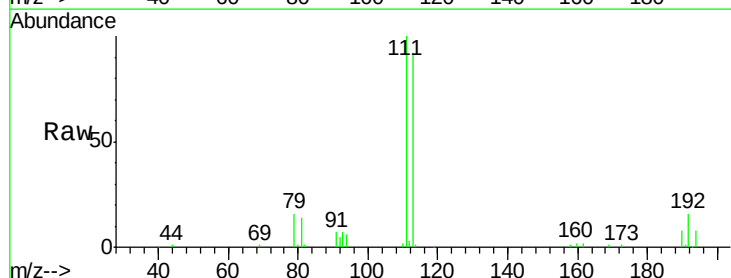
Tgt Ion:113 Resp: 219137

Ion Ratio Lower Upper

113 100

111 108.2 79.3 118.9

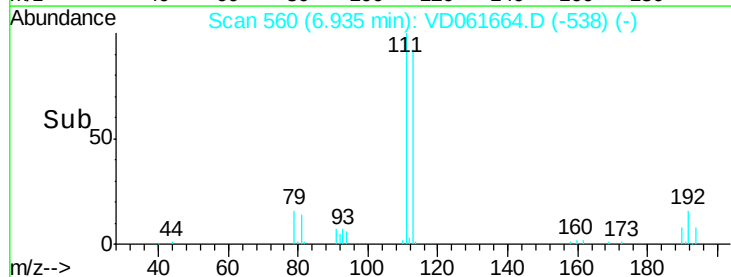
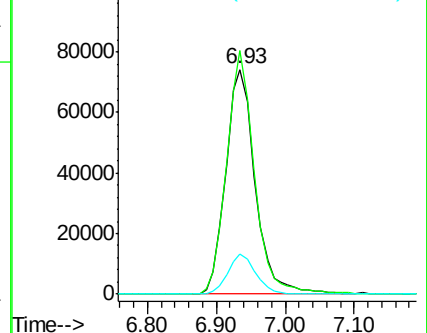
192 17.8 12.3 18.5

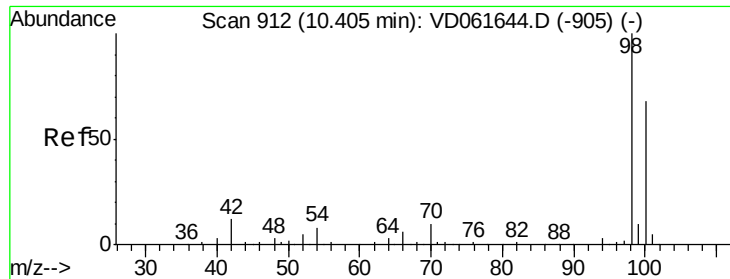


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

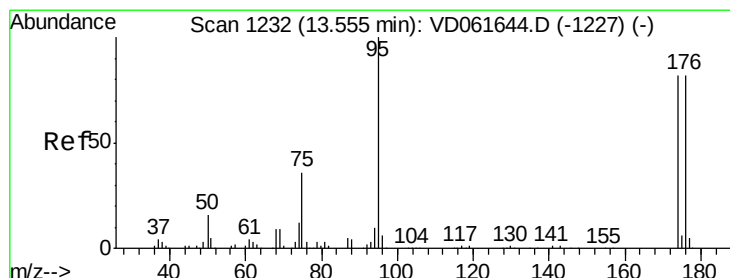
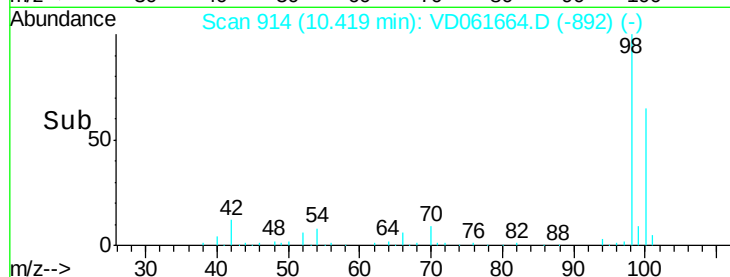
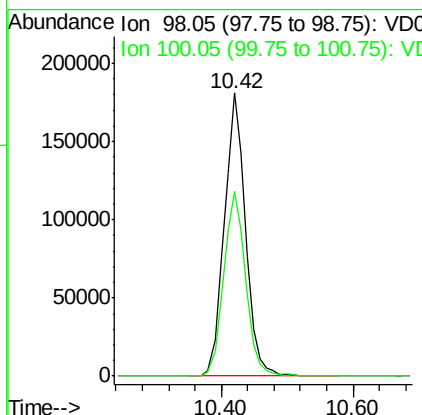
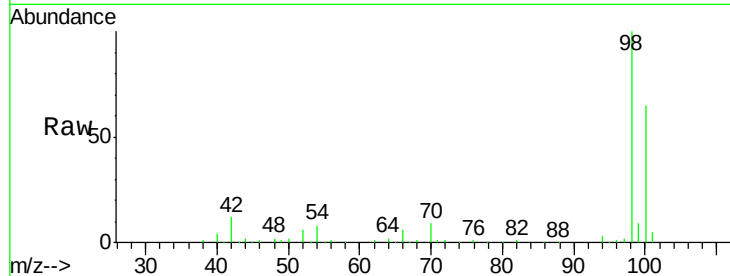




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD061664.D
Acq: 8 Apr 2019 21:47

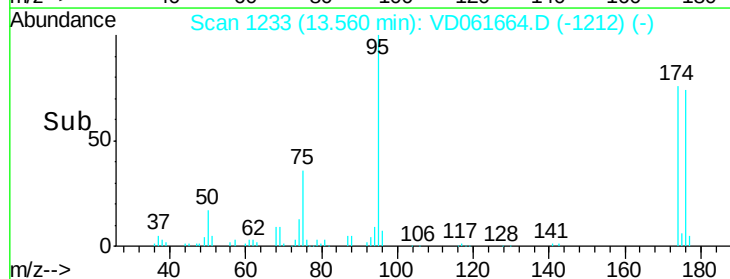
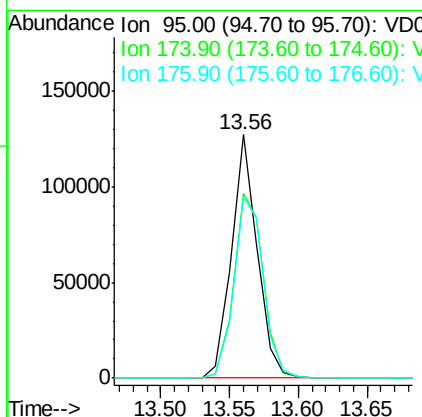
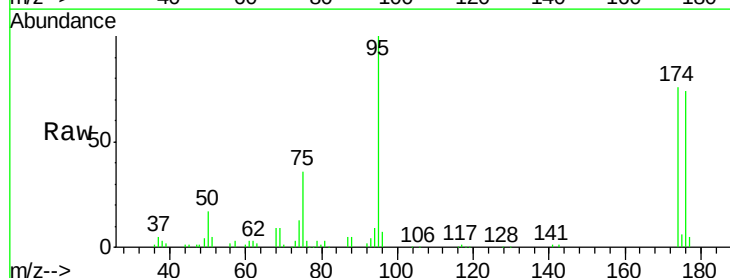
Instrument :
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ClientSampleId :
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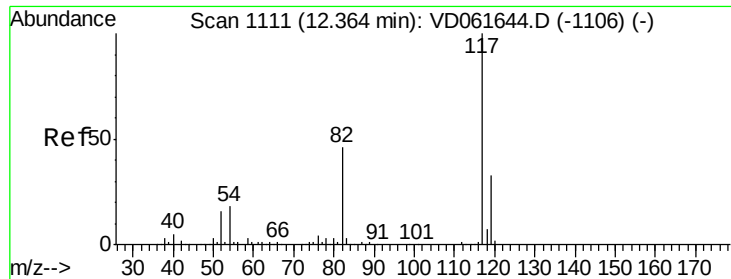
Tot Ion: 98 Resp: 408057
Ion Ratio Lower Upper
98 100
100 65.3 55.4 83.0



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061664.D
Acq: 8 Apr 2019 21:47

Tgt Ion: 95 Resp: 165219
Ion Ratio Lower Upper
95 100
174 75.7 0.0 164.6
176 74.4 0.0 165.0

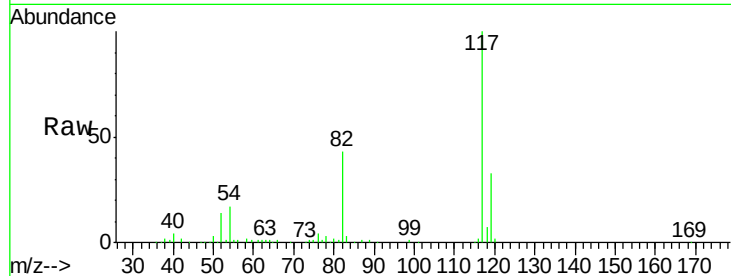




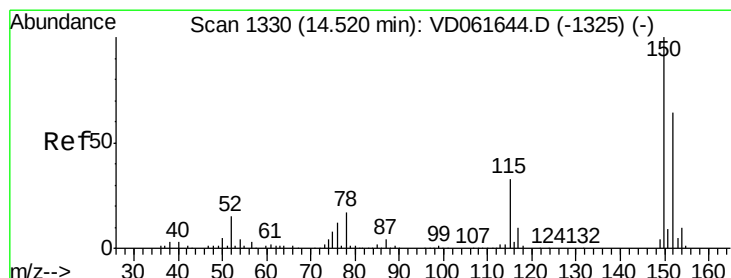
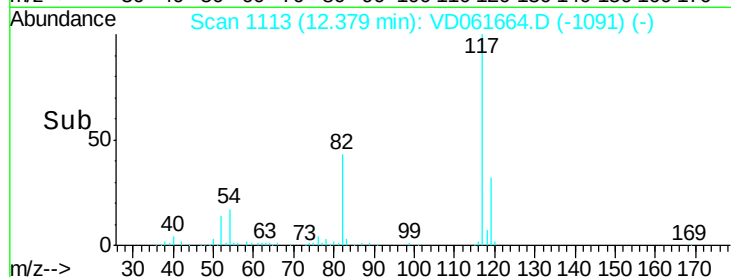
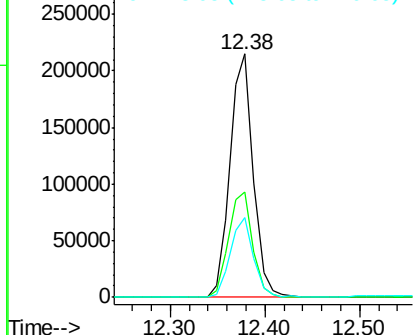
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD061664.D
Acq: 8 Apr 2019 21:47

Instrument :
MSVOA_D
ClientSampleId :
COMP-2

Tot Ion:117 Resp: 364373
Ion Ratio Lower Upper
117 100
82 43.3 36.8 55.2
119 32.7 26.1 39.1

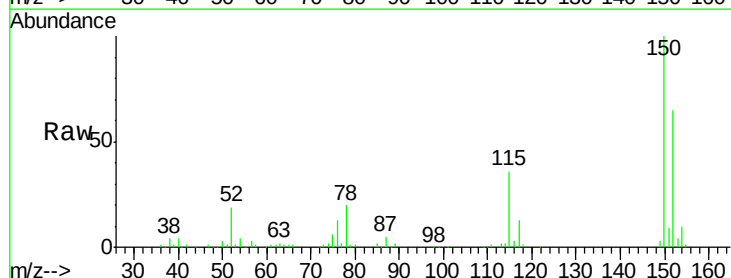


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061664.D
Acq: 8 Apr 2019 21:47

Tgt Ion:152 Resp: 149110
Ion Ratio Lower Upper
152 100
115 55.0 26.4 79.2
150 152.9 0.0 320.6



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

