

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060519\
 Data File : VD062625.D
 Acq On : 6 Jun 2019 14:05
 Operator : FY/SY
 Sample : K3218-07
 Misc : 5.25g/5mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-1873

Quant Time: Jun 07 03:43:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 06 05:42:40 2019
 Response via : Initial Calibration

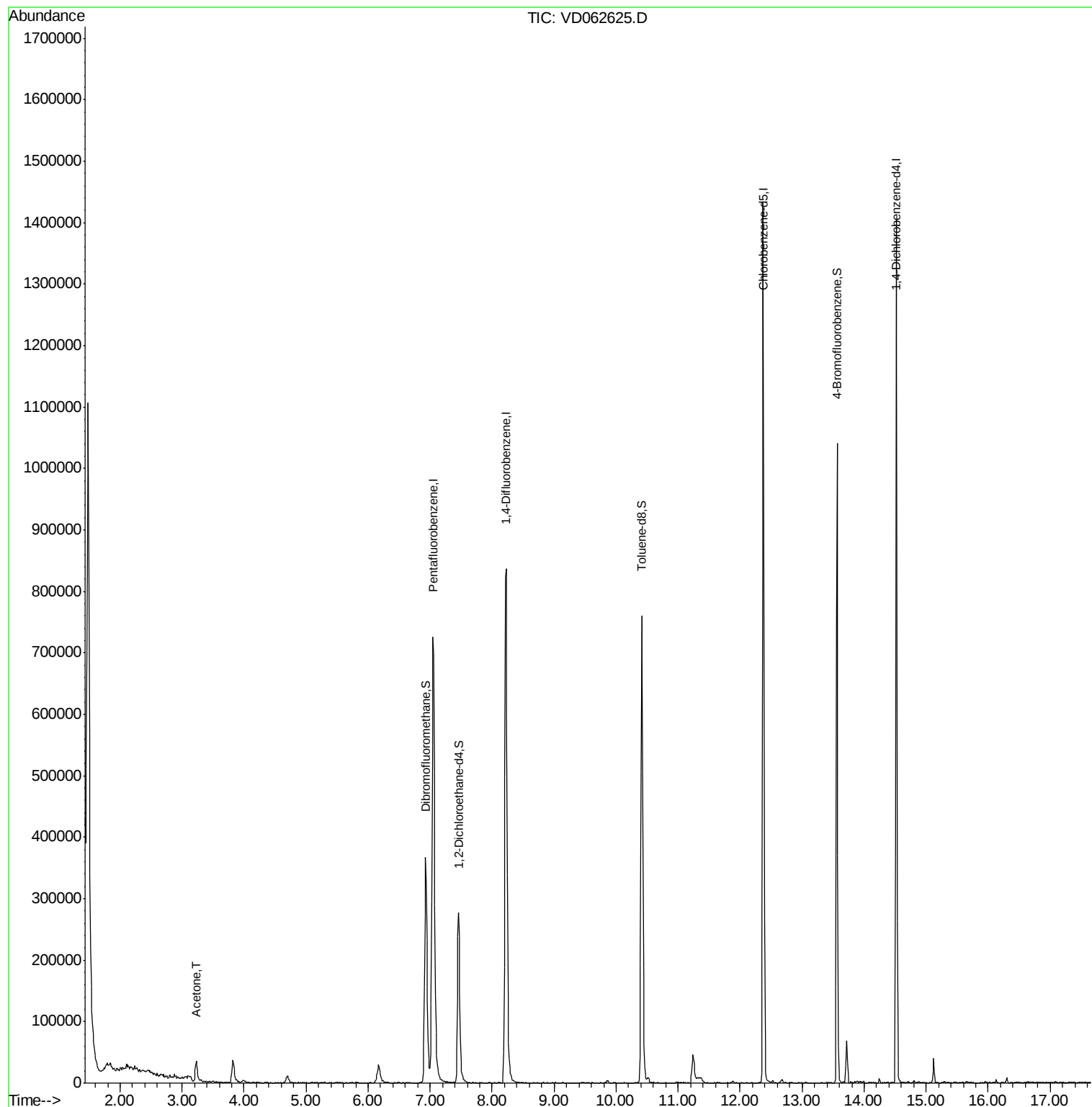
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	696376	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	893301	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	691532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	314816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	327860	34.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.70%	
35) Dibromofluoromethane	6.93	113	311689	34.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.66%	
50) Toluene-d8	10.41	98	606029	30.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.98%	
62) 4-Bromofluorobenzene	13.56	95	272539	29.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.12%	
Target Compounds						
16) Acetone	3.23	43	69546	40.539	ug/l	Qvalue 98

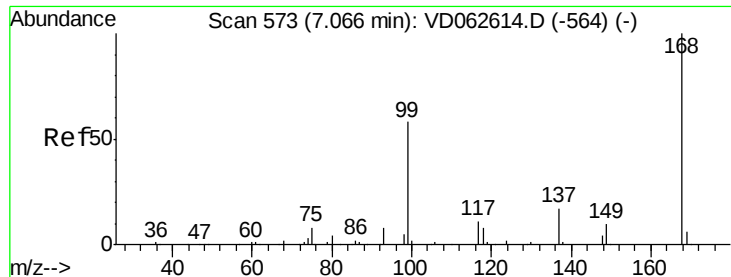
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 06 05:42:40 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD062625.D

Acq: 6 Jun 2019 14:05

Instrument :

MSVOA_D

ClientSampleId :

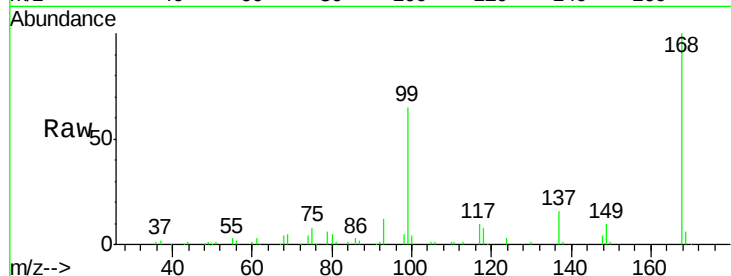
RT-1873

Tot Ion:168 Resp: 696376

Ion Ratio Lower Upper

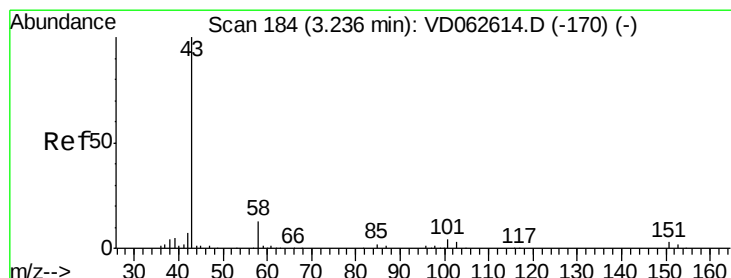
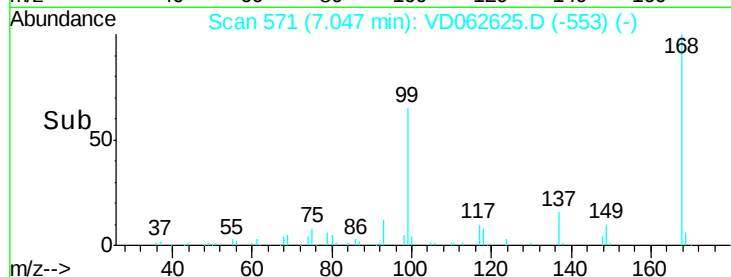
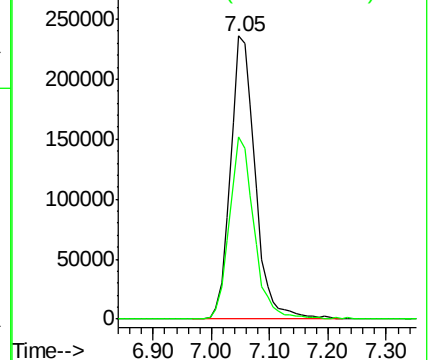
168 100

99 64.6 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 40.539 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD062625.D

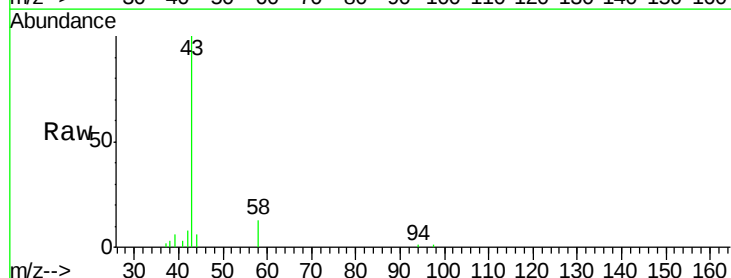
Acq: 6 Jun 2019 14:05

Tgt Ion: 43 Resp: 69546

Ion Ratio Lower Upper

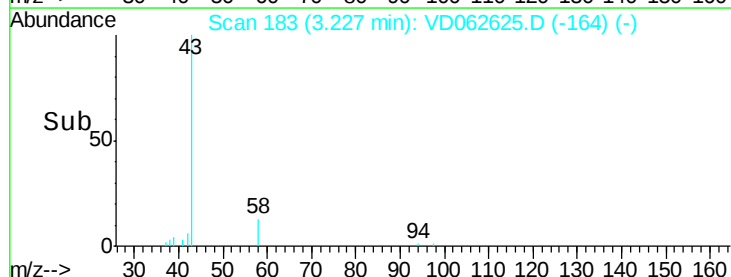
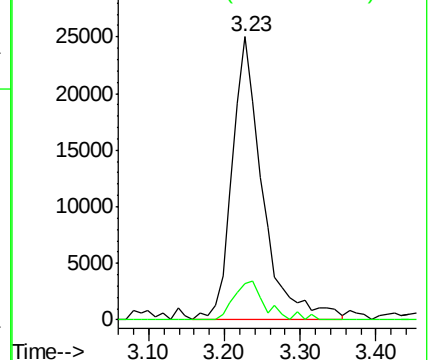
43 100

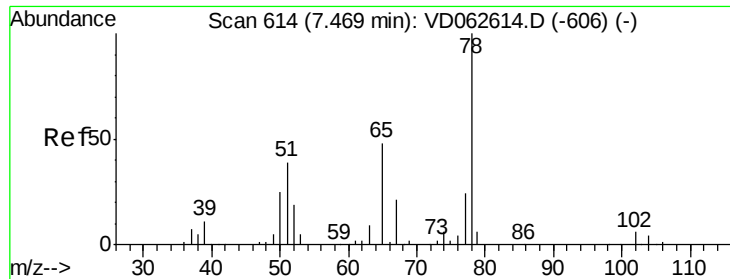
58 12.6 10.7 16.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 34.345 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062625.D

Acq: 6 Jun 2019 14:05

Instrument :

MSVOA_D

ClientSampled :

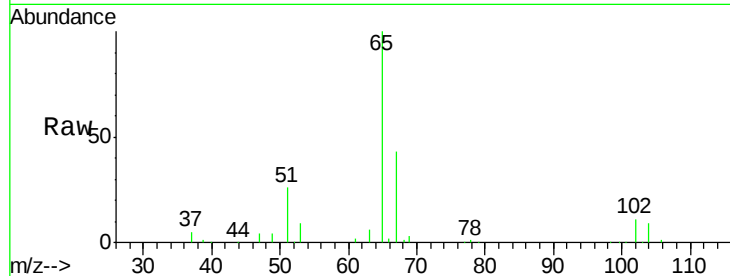
RT-1873

Tot Ion: 65 Resp: 327860

Ion Ratio Lower Upper

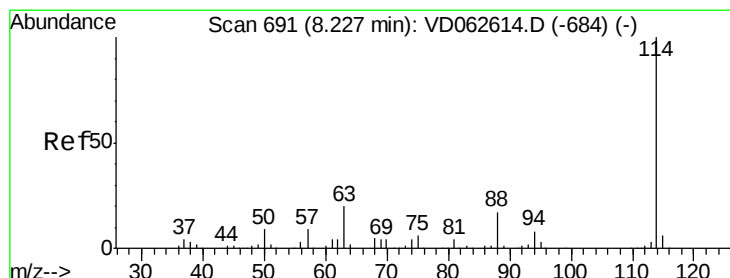
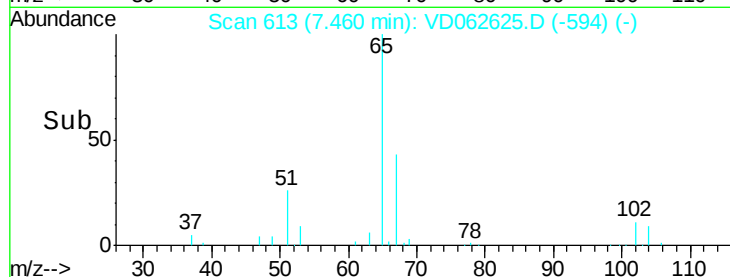
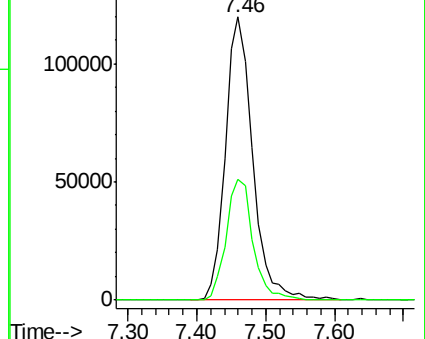
65 100

67 42.7 0.0 86.2



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: 8.23 min Scan# 691

Delta R.T. 0.00 min

Lab File: VD062625.D

Acq: 6 Jun 2019 14:05

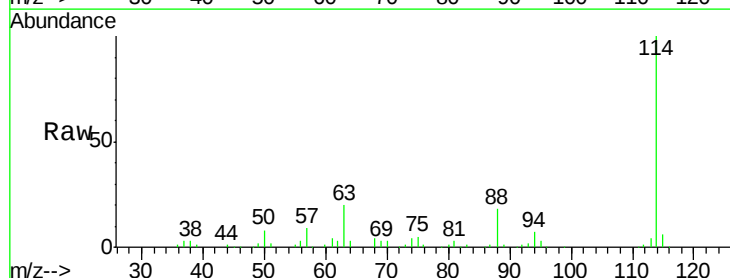
Tgt Ion: 114 Resp: 893301

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.0

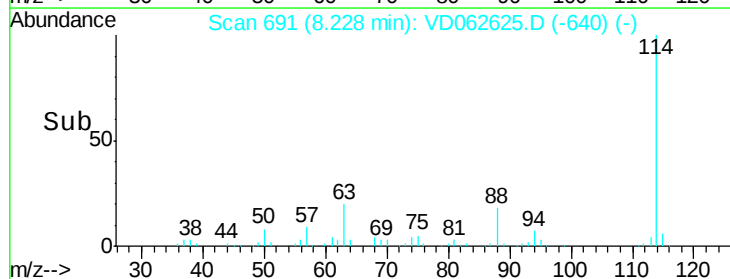
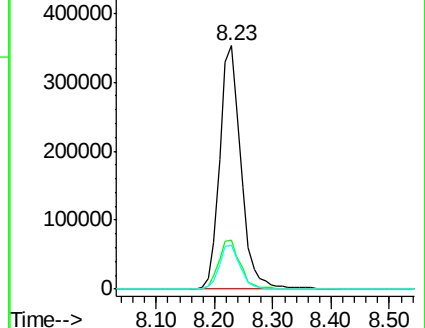
88 18.1 0.0 34.2

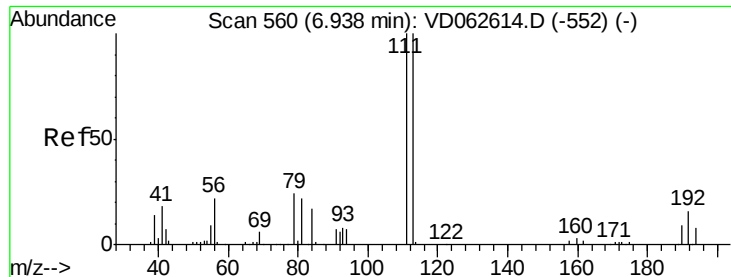


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 34.330 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062625.D

Acq: 6 Jun 2019 14:05

Instrument :

MSVOA_D

ClientSampleId :

RT-1873

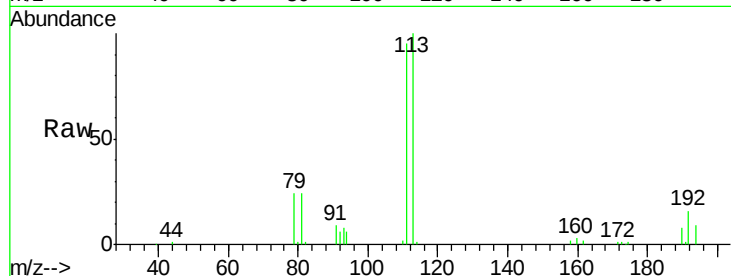
Tot Ion:113 Resp: 311689

Ion Ratio Lower Upper

113 100

111 94.7 80.1 120.1

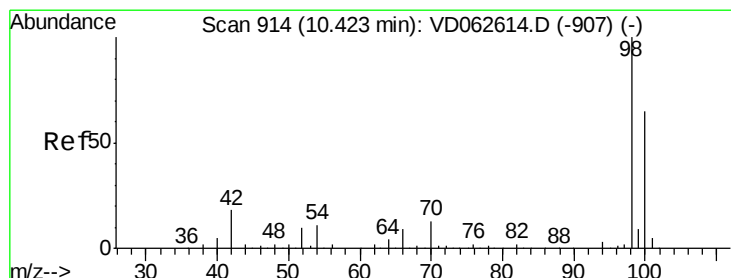
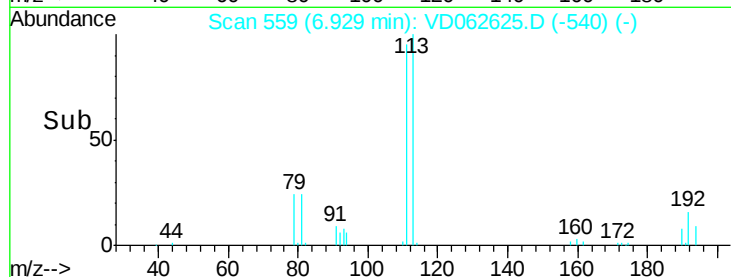
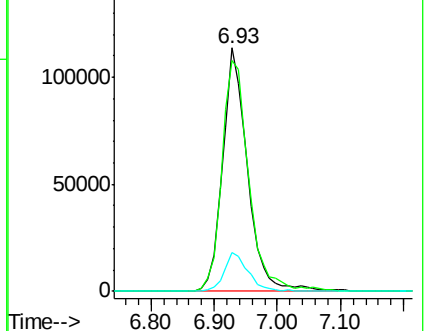
192 15.8 13.0 19.6



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: 30.985 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD062625.D

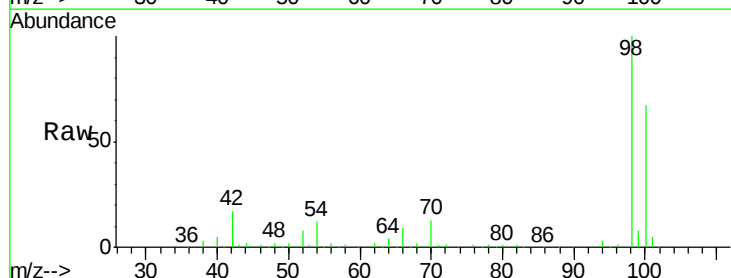
Acq: 6 Jun 2019 14:05

Tgt Ion: 98 Resp: 606029

Ion Ratio Lower Upper

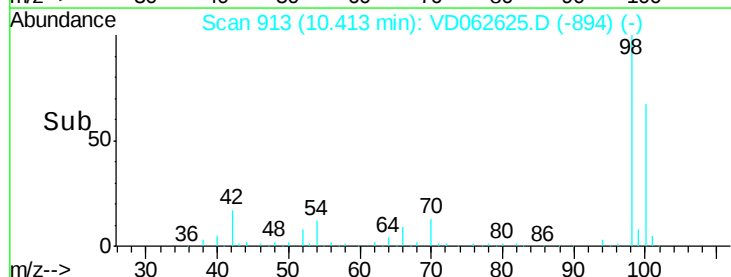
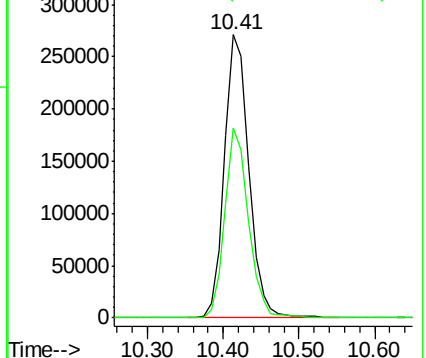
98 100

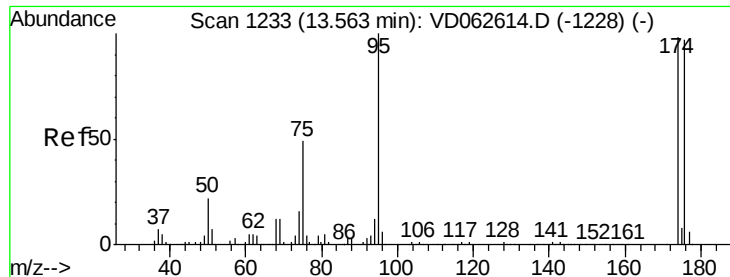
100 67.2 52.8 79.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

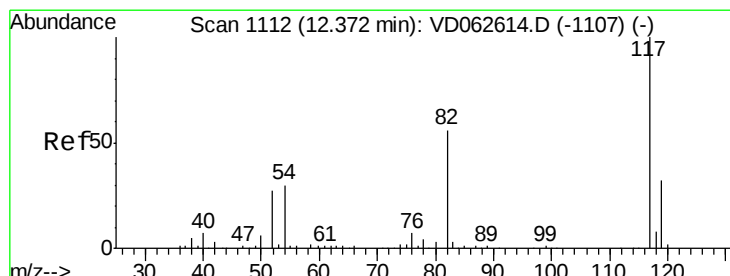
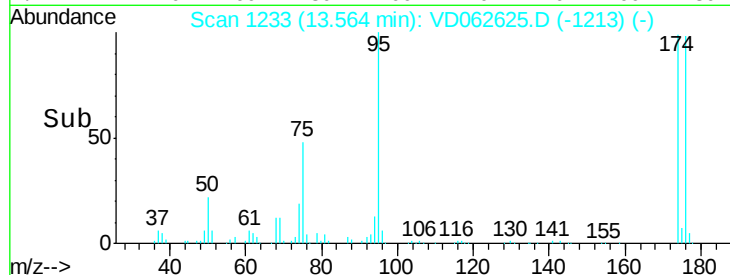
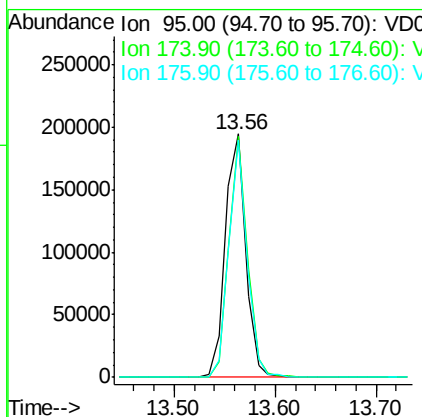
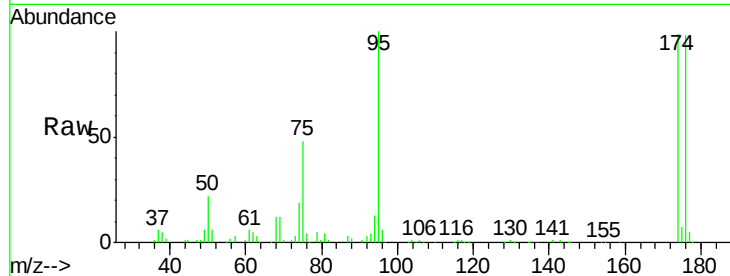




#62
4-Bromofluorobenzene
Concen: 29.557 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

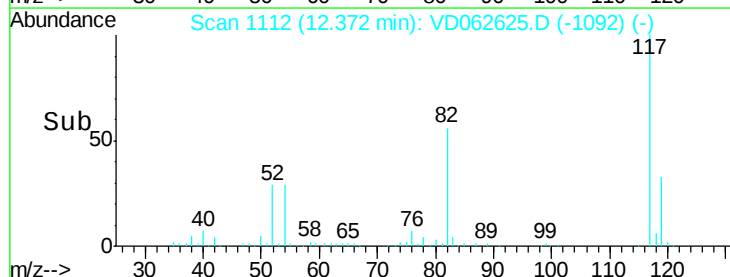
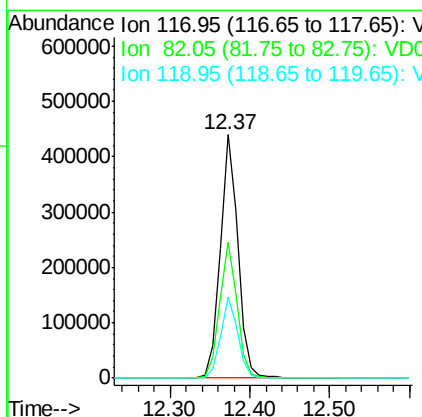
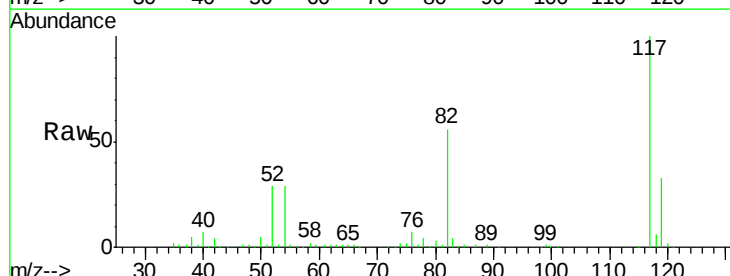
Instrument :
MSVOA_D
ClientSampled :
RT-1873

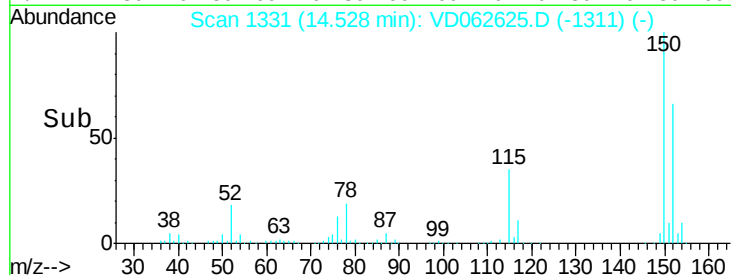
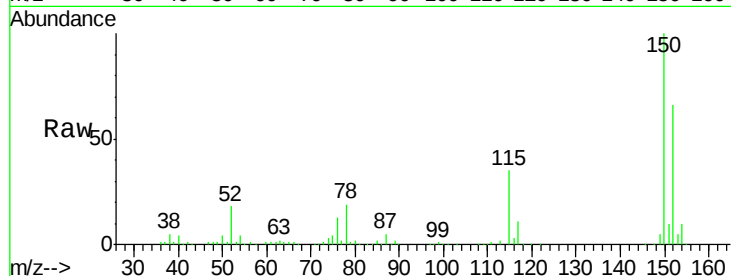
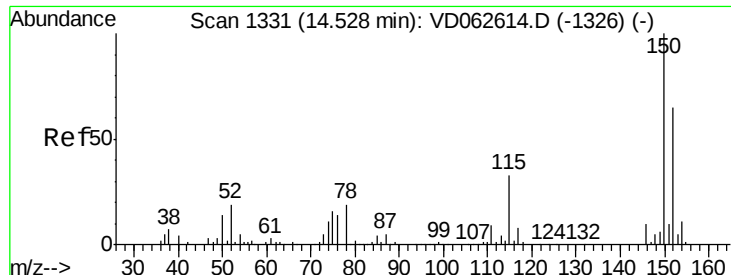
Tot Ion: 95 Resp: 272539
Ion Ratio Lower Upper
95 100
174 98.9 0.0 195.8
176 97.5 0.0 193.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Tgt Ion: 117 Resp: 691532
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.6
119 33.4 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VD062625.D
 Acq: 6 Jun 2019 14:05

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-1873

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.9	27.1	81.3
150	151.6	0.0	315.0

