

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
 Data File : VD062427.D
 Acq On : 16 May 2019 19:47
 Operator : FY/SY
 Sample : K2865-09RE
 Misc : 4.37g/5mL/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22-D1RE

Quant Time: May 17 04:01:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

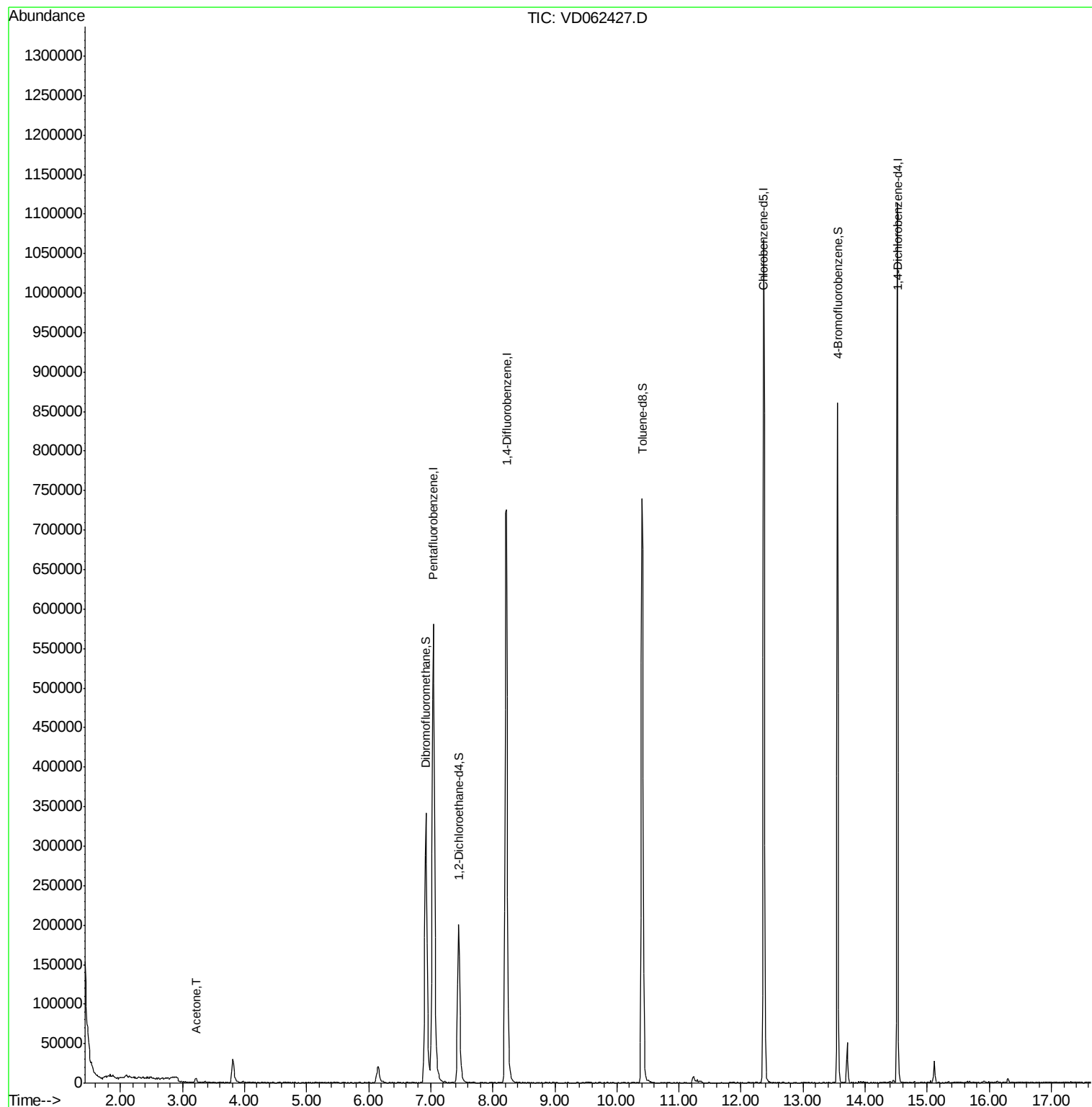
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	567536	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	817831	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	597870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	240711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	226731	42.99	ug/l	0.03
Spiked Amount 50.000			Recovery	=	85.98%	
35) Dibromofluoromethane	6.92	113	293998	43.33	ug/l	0.03
Spiked Amount 50.000			Recovery	=	86.66%	
50) Toluene-d8	10.41	98	629588	38.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.96%	
62) 4-Bromofluorobenzene	13.55	95	227261	34.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.18%	
Target Compounds						
16) Acetone	3.22	43	9874	8.927	ug/l #	Qvalue 87

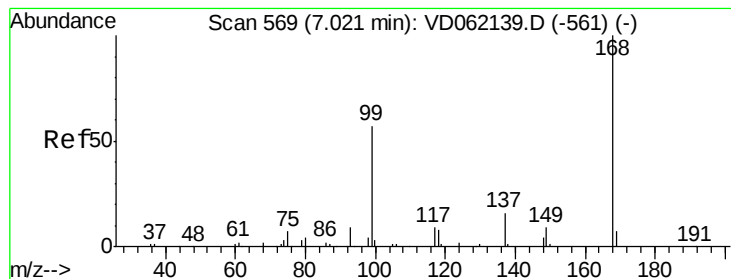
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062427.D

Acq: 16 May 2019 19:47

Instrument :

MSVOA_D

ClientSampleId :

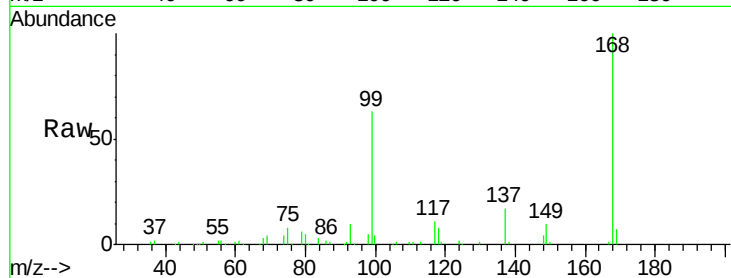
TP-22-D1RE

Tot Ion:168 Resp: 567536

Ion Ratio Lower Upper

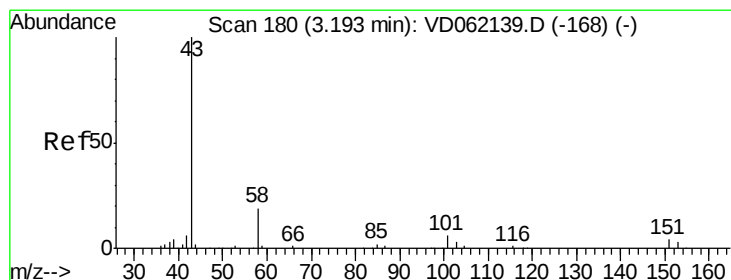
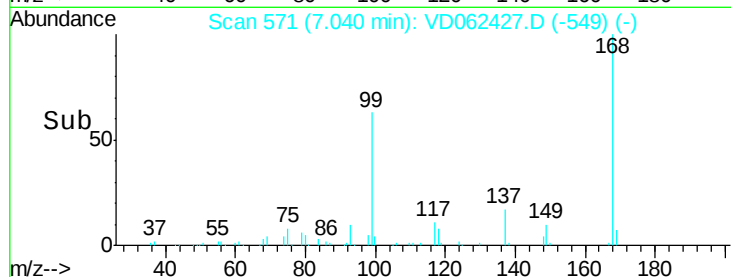
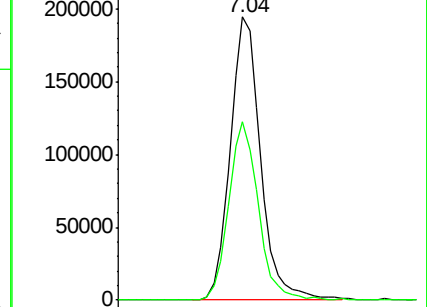
168 100

99 63.0 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: 8.927 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062427.D

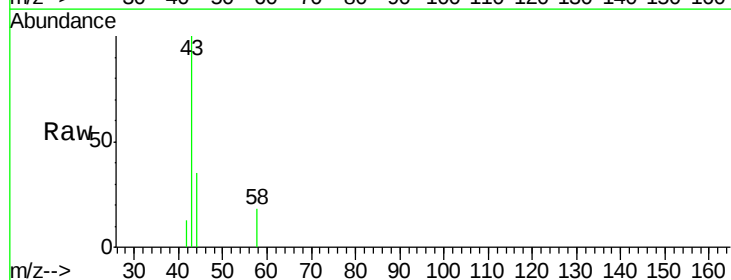
Acq: 16 May 2019 19:47

Tgt Ion: 43 Resp: 9874

Ion Ratio Lower Upper

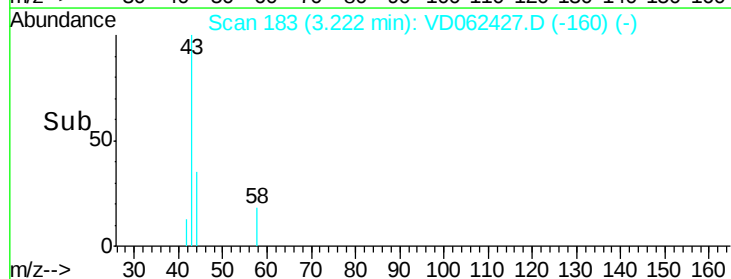
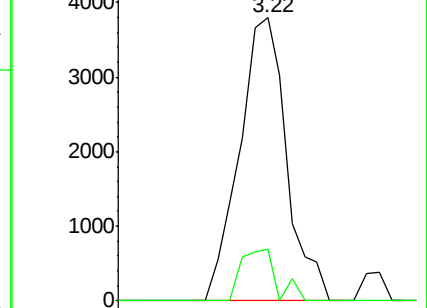
43 100

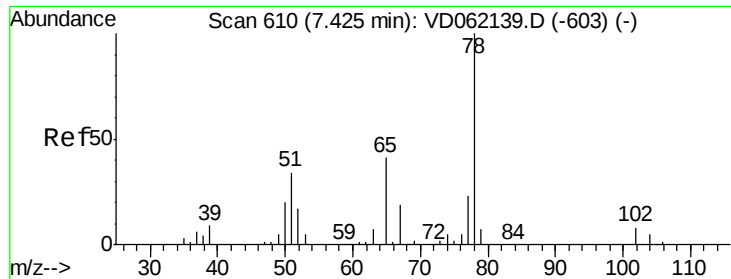
58 18.3 19.9 29.9#



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: 42.989 ug/l

RT: 7.45 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062427.D

Acq: 16 May 2019 19:47

Instrument :

MSVOA_D

ClientSampleId :

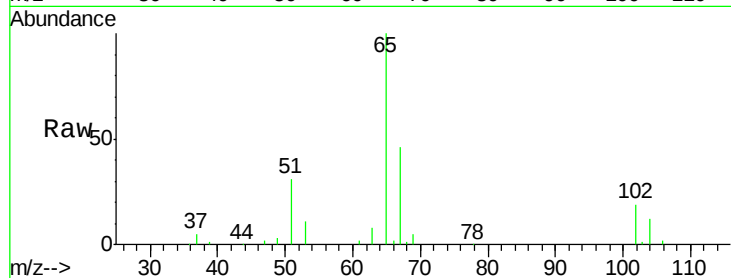
TP-22-D1RE

Tot Ion: 65 Resp: 226731

Ion Ratio Lower Upper

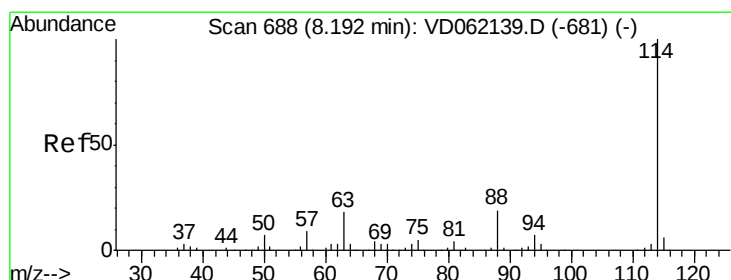
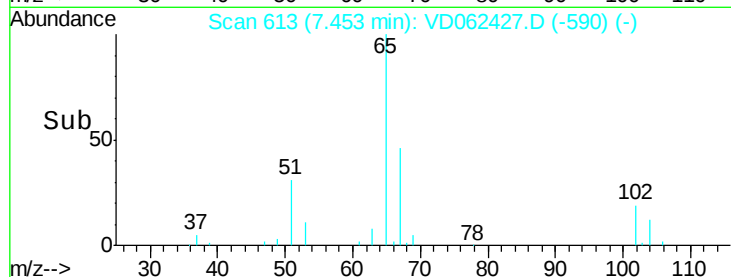
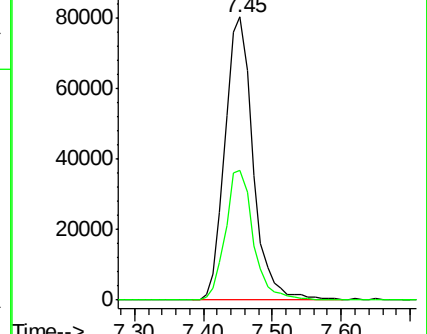
65 100

67 45.8 0.0 98.0



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: 8.22 min Scan# 691

Delta R.T. 0.03 min

Lab File: VD062427.D

Acq: 16 May 2019 19:47

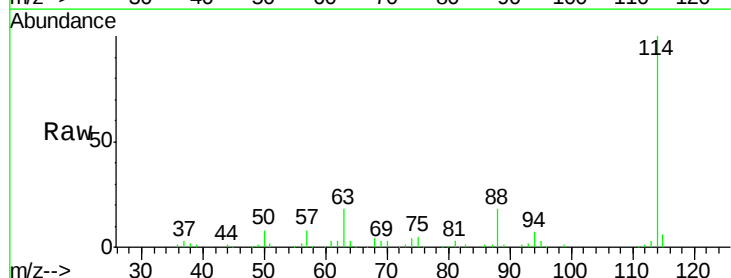
Tgt Ion: 114 Resp: 817831

Ion Ratio Lower Upper

114 100

63 17.5 0.0 32.4

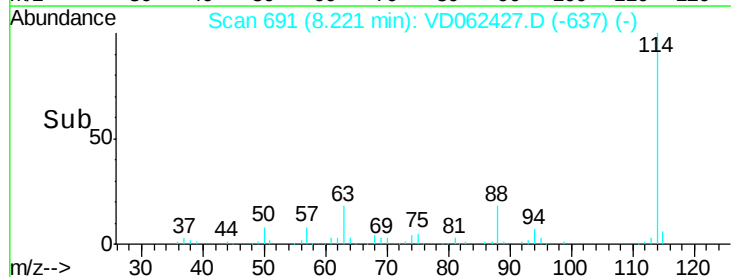
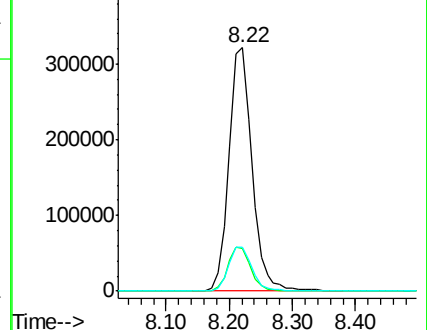
88 18.3 0.0 33.6

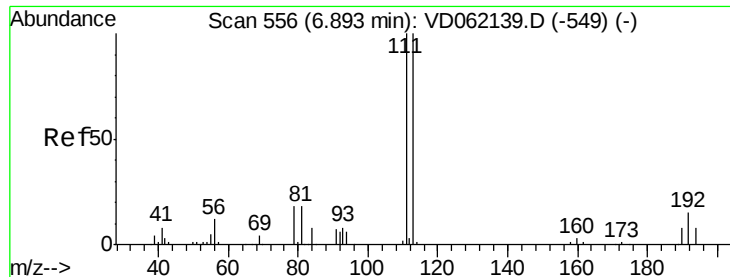


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

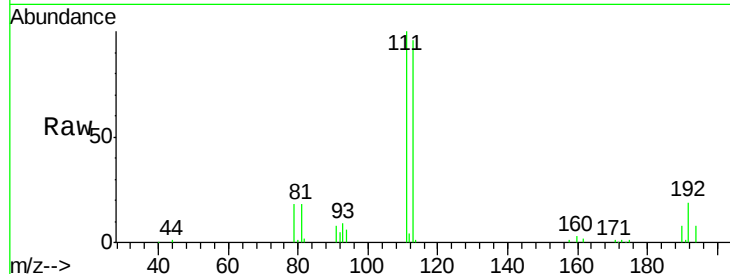




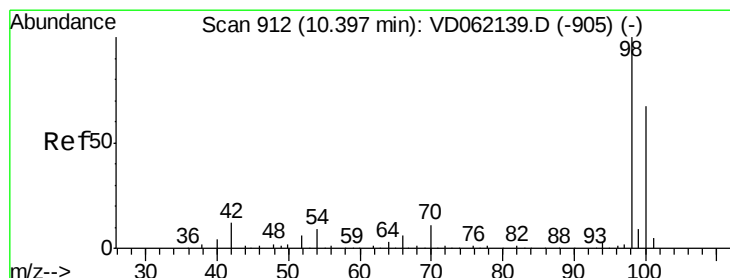
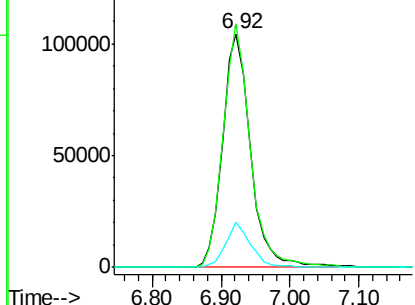
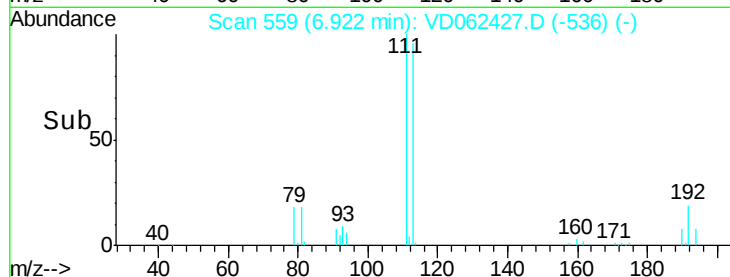
#35
 Dibromofluoromethane
 Concen: 43.327 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062427.D
 Acq: 16 May 2019 19:47

Instrument :
 MSVOA_D
 ClientSampleID :
 TP-22-D1RE

Tot Ion:113 Resp: 293998
 Ion Ratio Lower Upper
 113 100
 111 104.0 78.5 117.7
 192 19.5 13.0 19.4#

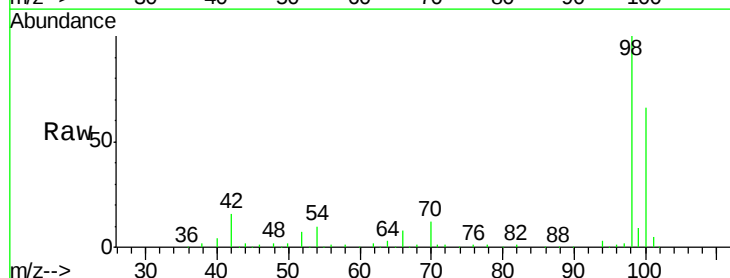


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

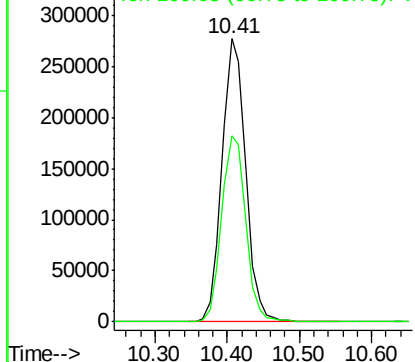
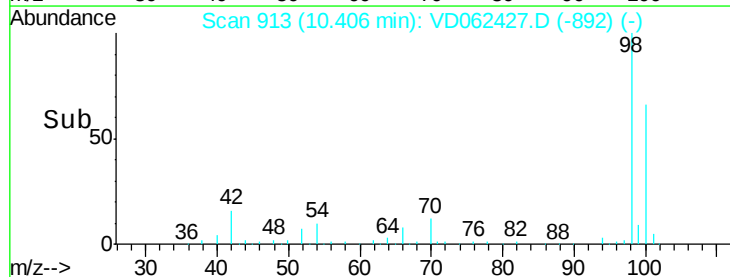


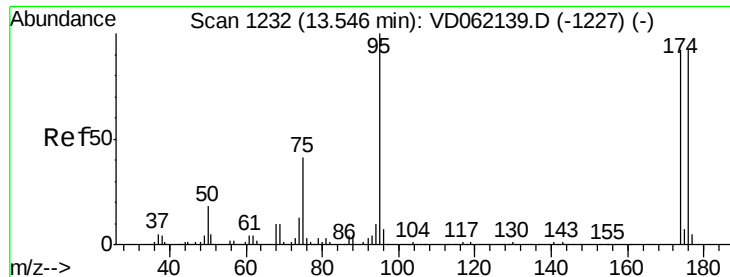
#50
 Toluene-d8
 Concen: 38.482 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD062427.D
 Acq: 16 May 2019 19:47

Tgt Ion: 98 Resp: 629588
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 34.591 ug/l

RT: 13.55 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062427.D

Acq: 16 May 2019 19:47

Instrument :

MSVOA_D

ClientSampleId :

TP-22-D1RE

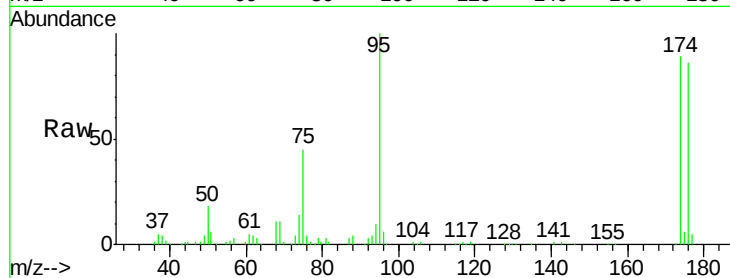
Tot Ion: 95 Resp: 227261

Ion Ratio Lower Upper

95 100

174 88.7 0.0 181.8

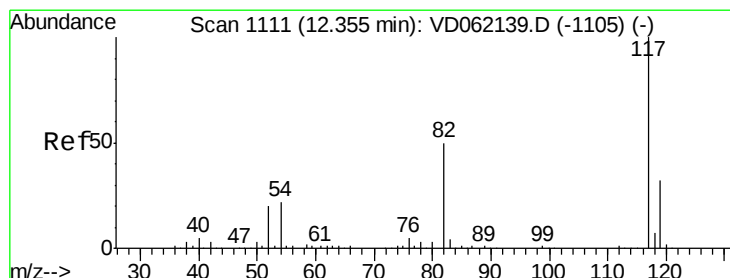
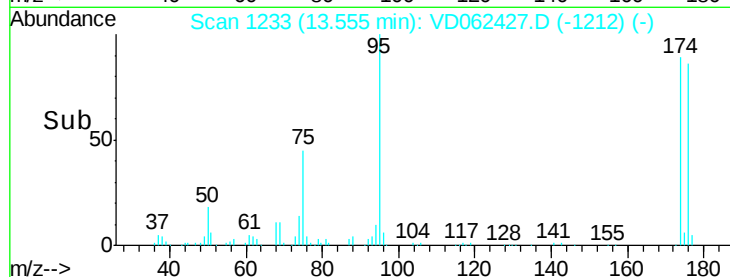
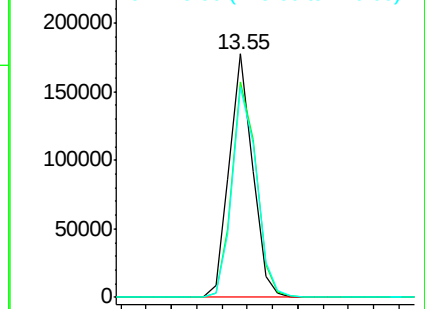
176 86.2 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD062427.D

Acq: 16 May 2019 19:47

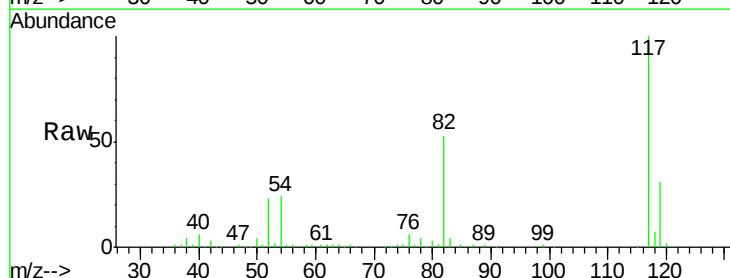
Tgt Ion: 117 Resp: 597870

Ion Ratio Lower Upper

117 100

82 53.1 36.2 54.2

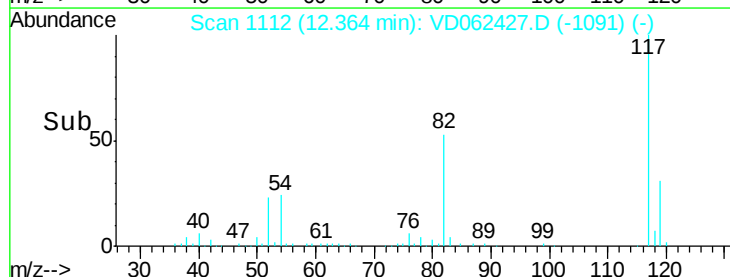
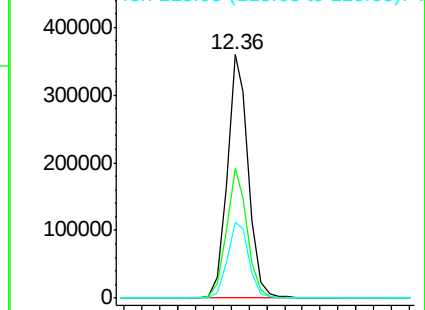
119 31.1 26.2 39.4

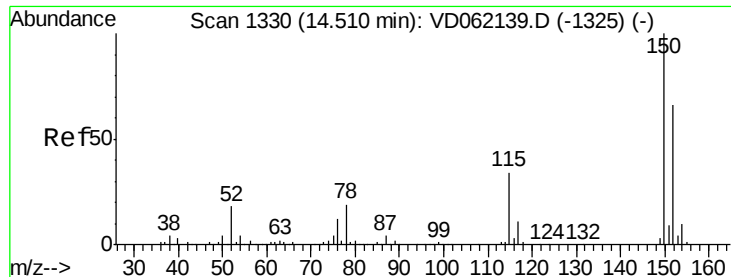


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

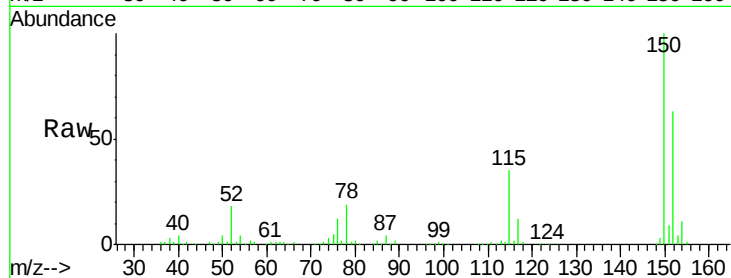




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062427.D
 Acq: 16 May 2019 19:47

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22-D1RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	30.9	92.7
150	158.4	0.0	314.8



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

