

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\
 Data File : VD062073.D
 Acq On : 29 Apr 2019 20:10
 Operator : FY/SY
 Sample : K2194-09
 Misc : 6.29um/5mL/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-03-042919-E

Quant Time: Apr 30 01:56:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

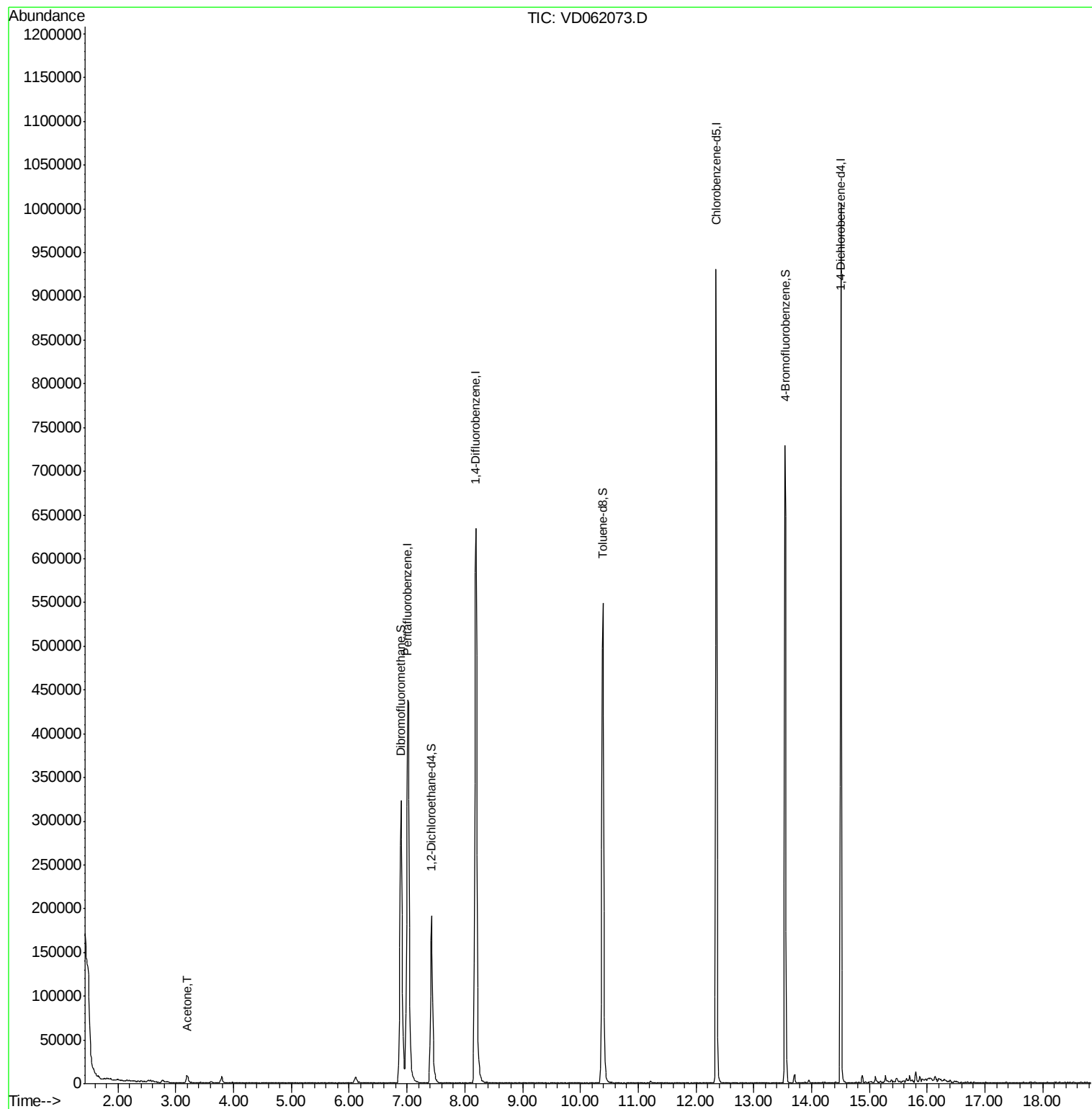
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	458097	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	769319	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	563409	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	230238	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	195681	54.58	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	109.16%	
35) Dibromofluoromethane	6.89	113	296873	55.80	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	111.60%	
50) Toluene-d8	10.39	98	496755	39.24	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	78.48%	
62) 4-Bromofluorobenzene	13.54	95	235088	46.30	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	92.60%	
Target Compounds						
16) Acetone	3.19	43	16617	19.411	ug/l #	Qvalue 88

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

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Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD062073.D

Acq: 29 Apr 2019 20:10

Instrument :

MSVOA_D

ClientSampleId :

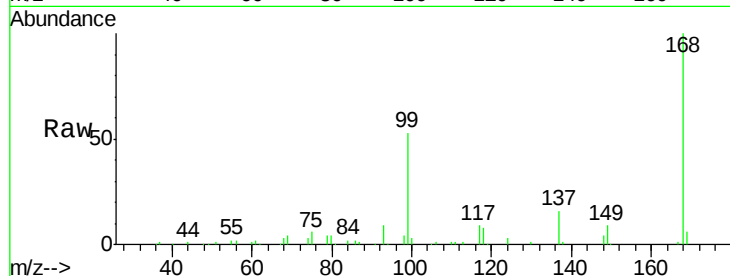
JC-03-042919-E

Tot Ion:168 Resp: 458097

Ion Ratio Lower Upper

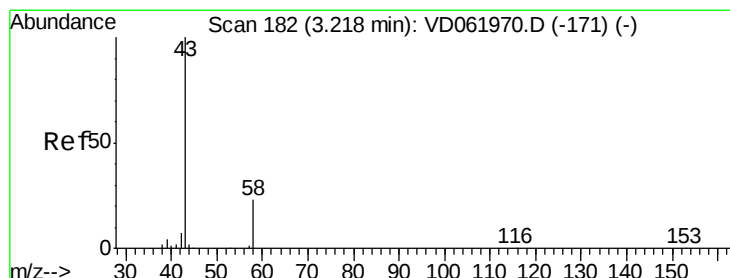
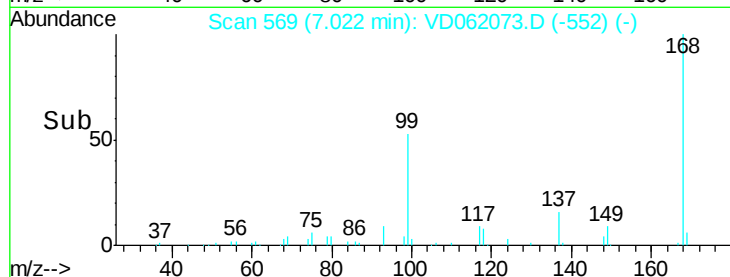
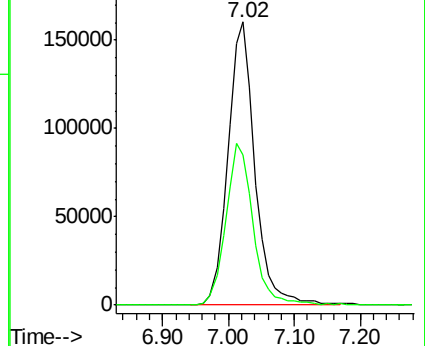
168 100

99 53.1 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: 19.411 ug/l

RT: 3.19 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062073.D

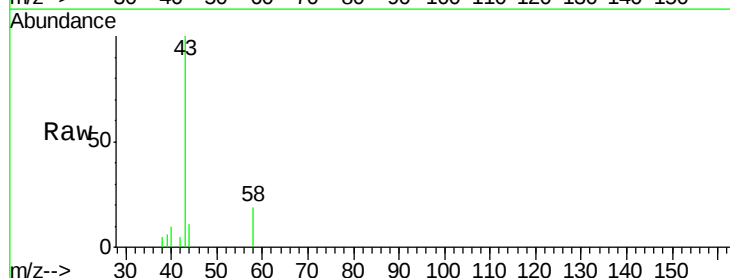
Acq: 29 Apr 2019 20:10

Tgt Ion: 43 Resp: 16617

Ion Ratio Lower Upper

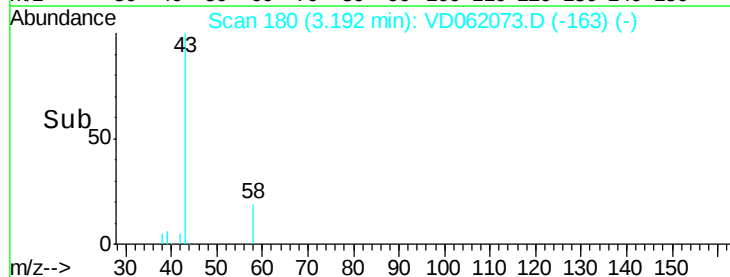
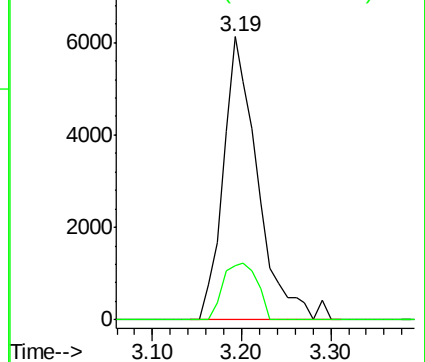
43 100

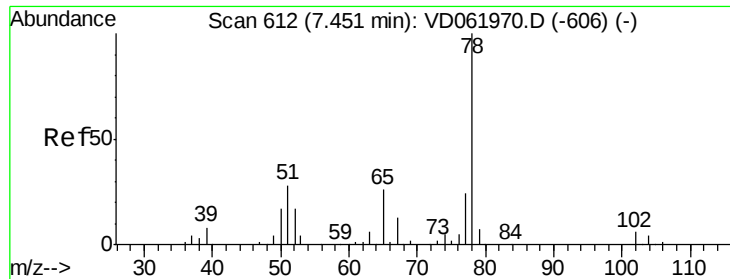
58 19.0 19.9 29.9#



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: 54.578 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062073.D

Acq: 29 Apr 2019 20:10

Instrument :

MSVOA_D

ClientSampleId :

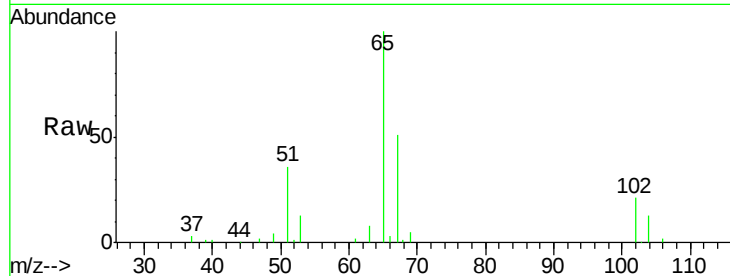
JC-03-042919-E

Tot Ion: 65 Resp: 195681

Ion Ratio Lower Upper

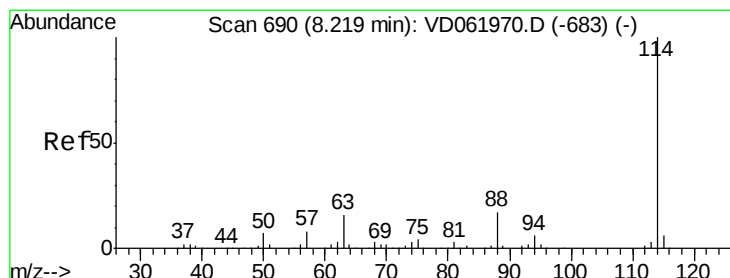
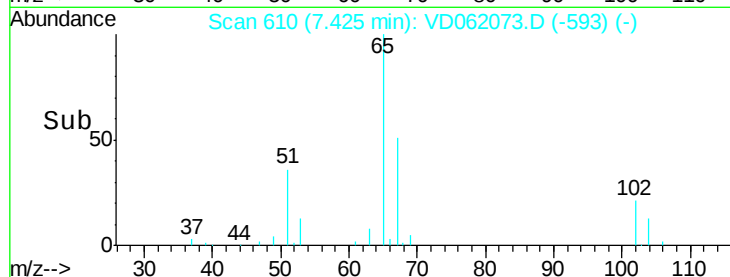
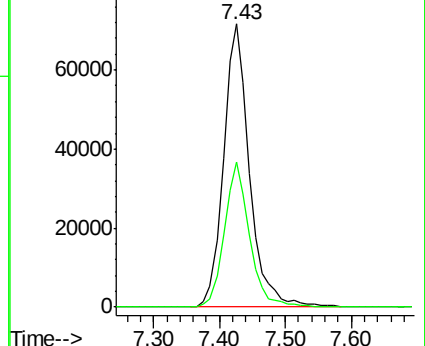
65 100

67 51.4 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: 8.19 min Scan# 688

Delta R.T. -0.03 min

Lab File: VD062073.D

Acq: 29 Apr 2019 20:10

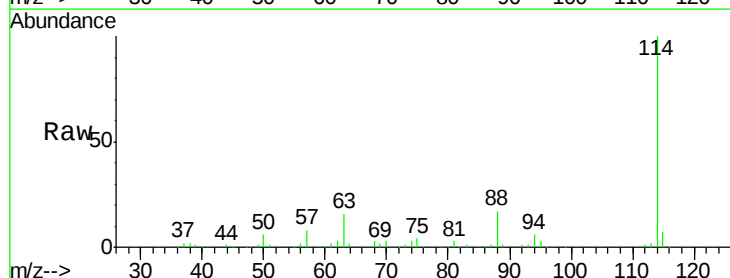
Tgt Ion: 114 Resp: 769319

Ion Ratio Lower Upper

114 100

63 15.6 0.0 32.4

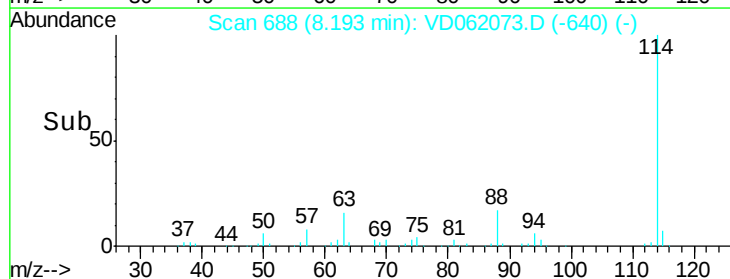
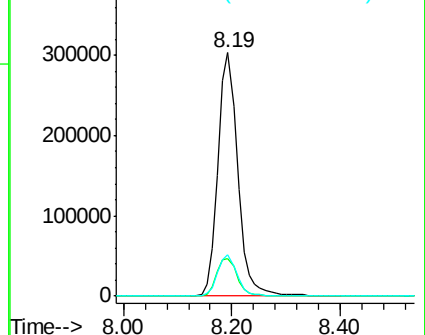
88 16.9 0.0 33.6

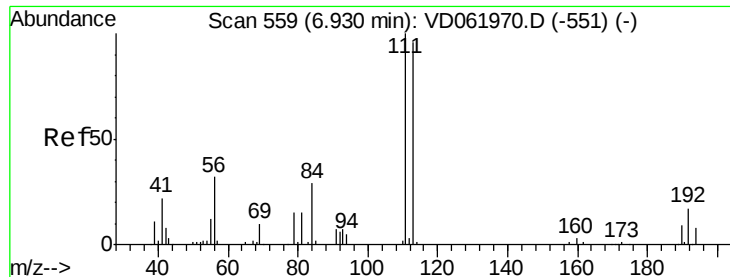


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

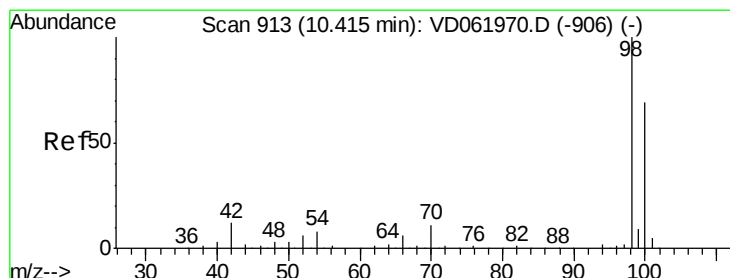
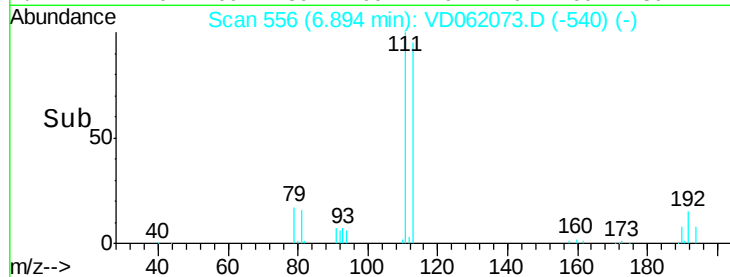
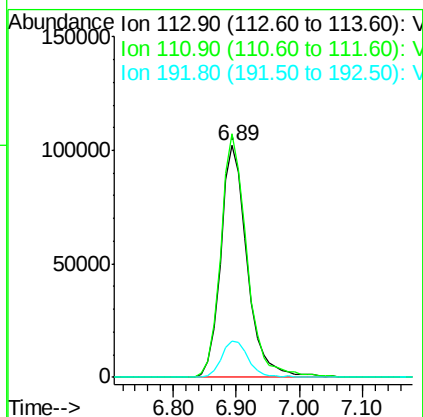
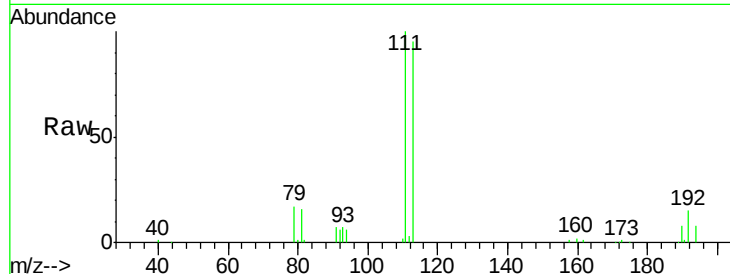




#35
 Dibromofluoromethane
 Concen: 55.797 ug/l
 RT: 6.89 min Scan# 556
 Delta R.T. -0.04 min
 Lab File: VD062073.D
 Acq: 29 Apr 2019 20:10

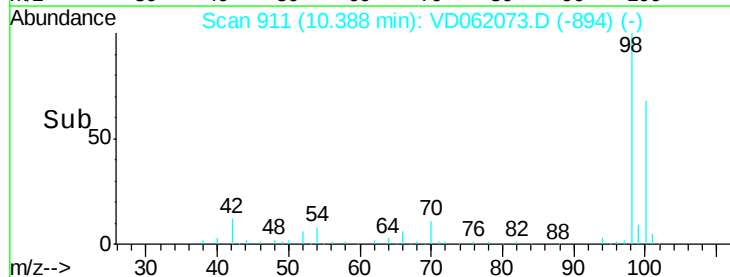
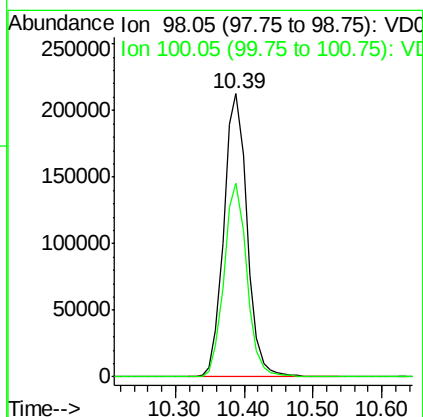
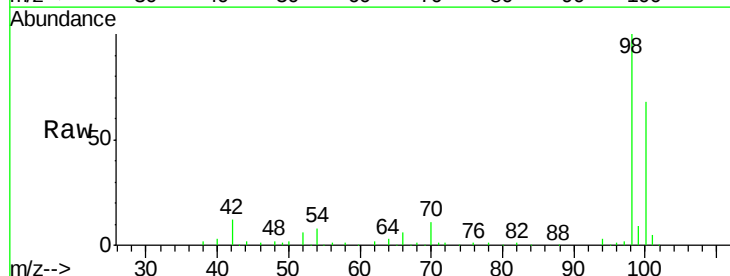
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-03-042919-E

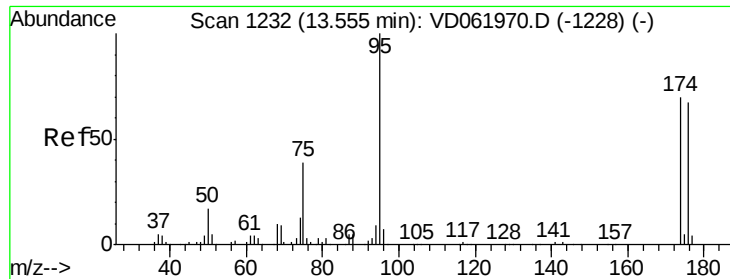
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	78.5	117.7
192	15.7	13.0	19.4



#50
 Toluene-d8
 Concen: 39.237 ug/l
 RT: 10.39 min Scan# 911
 Delta R.T. -0.03 min
 Lab File: VD062073.D
 Acq: 29 Apr 2019 20:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.3	53.8	80.8





#62

4-Bromofluorobenzene

Concen: 46.296 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.02 min

Lab File: VD062073.D

Acq: 29 Apr 2019 20:10

Instrument :

MSVOA_D

ClientSampleId :

JC-03-042919-E

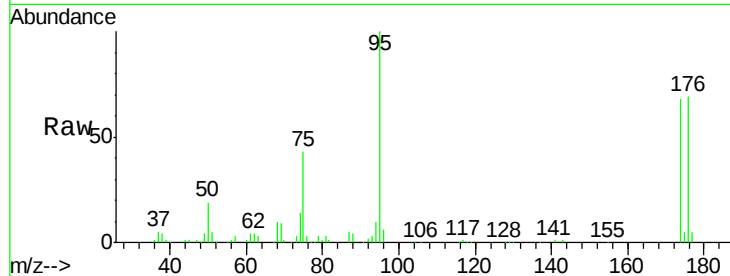
Tot Ion: 95 Resp: 235088

Ion Ratio Lower Upper

95 100

174 68.1 0.0 181.8

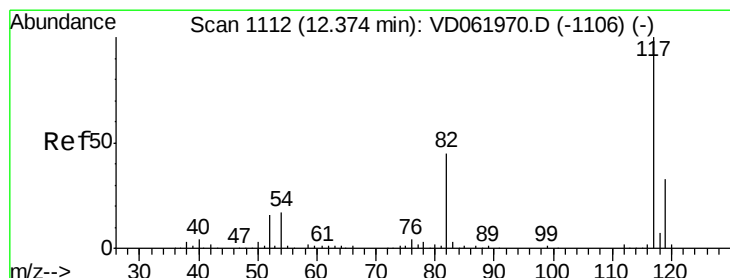
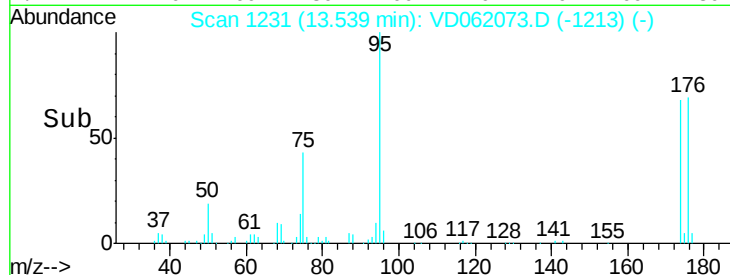
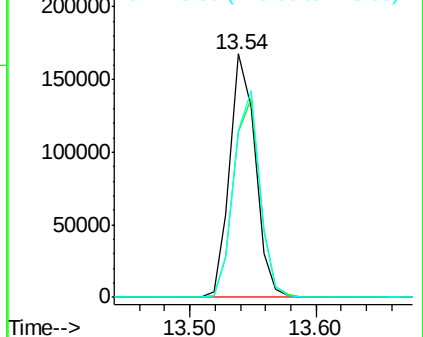
176 68.7 0.0 174.4



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: 12.35 min Scan# 1110

Delta R.T. -0.02 min

Lab File: VD062073.D

Acq: 29 Apr 2019 20:10

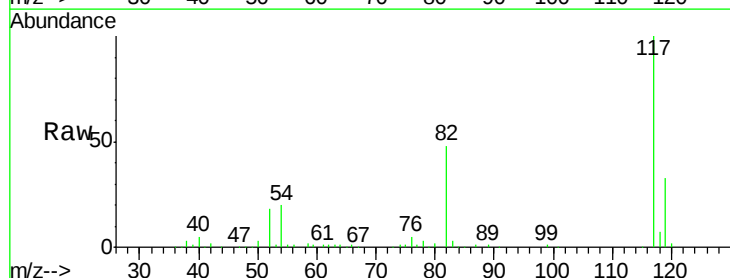
Tgt Ion: 117 Resp: 563409

Ion Ratio Lower Upper

117 100

82 47.6 36.2 54.2

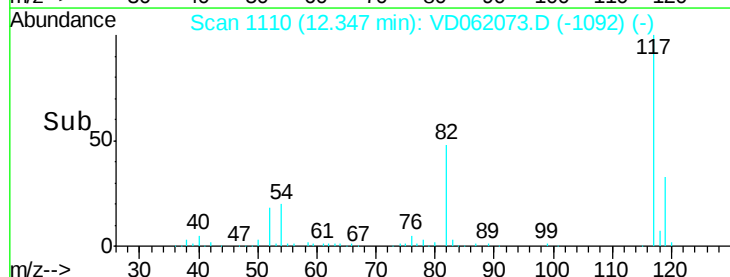
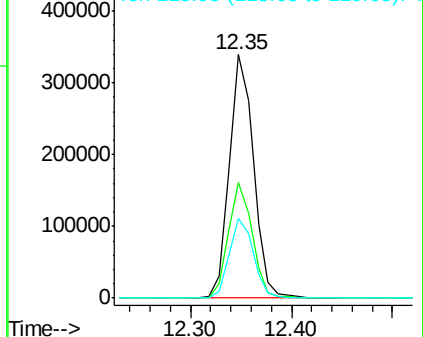
119 32.5 26.2 39.4

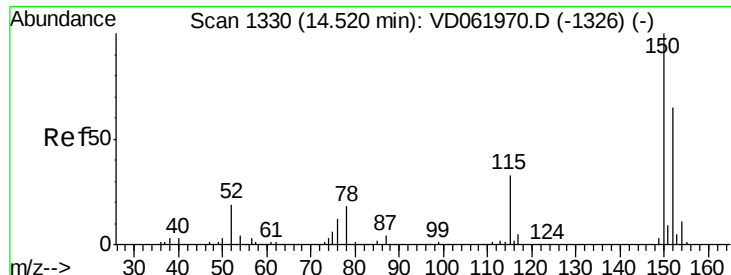


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

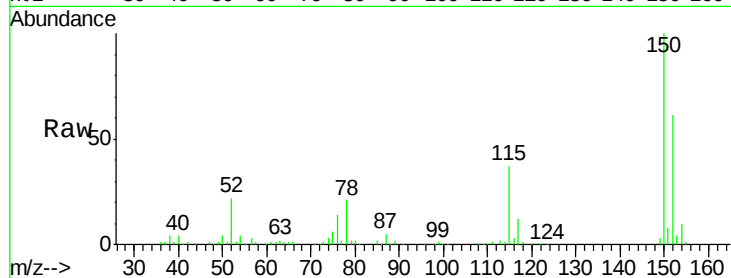




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: VD062073.D
 Acq: 29 Apr 2019 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-03-042919-E

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.9	92.7
150	163.7	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

