

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062372.D
 Acq On : 15 May 2019 4:28
 Operator : FY/SY
 Sample : K2735-15RE
 Misc : 5.03g/5mL/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-0612-01RE

Quant Time: May 15 06:37:40 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

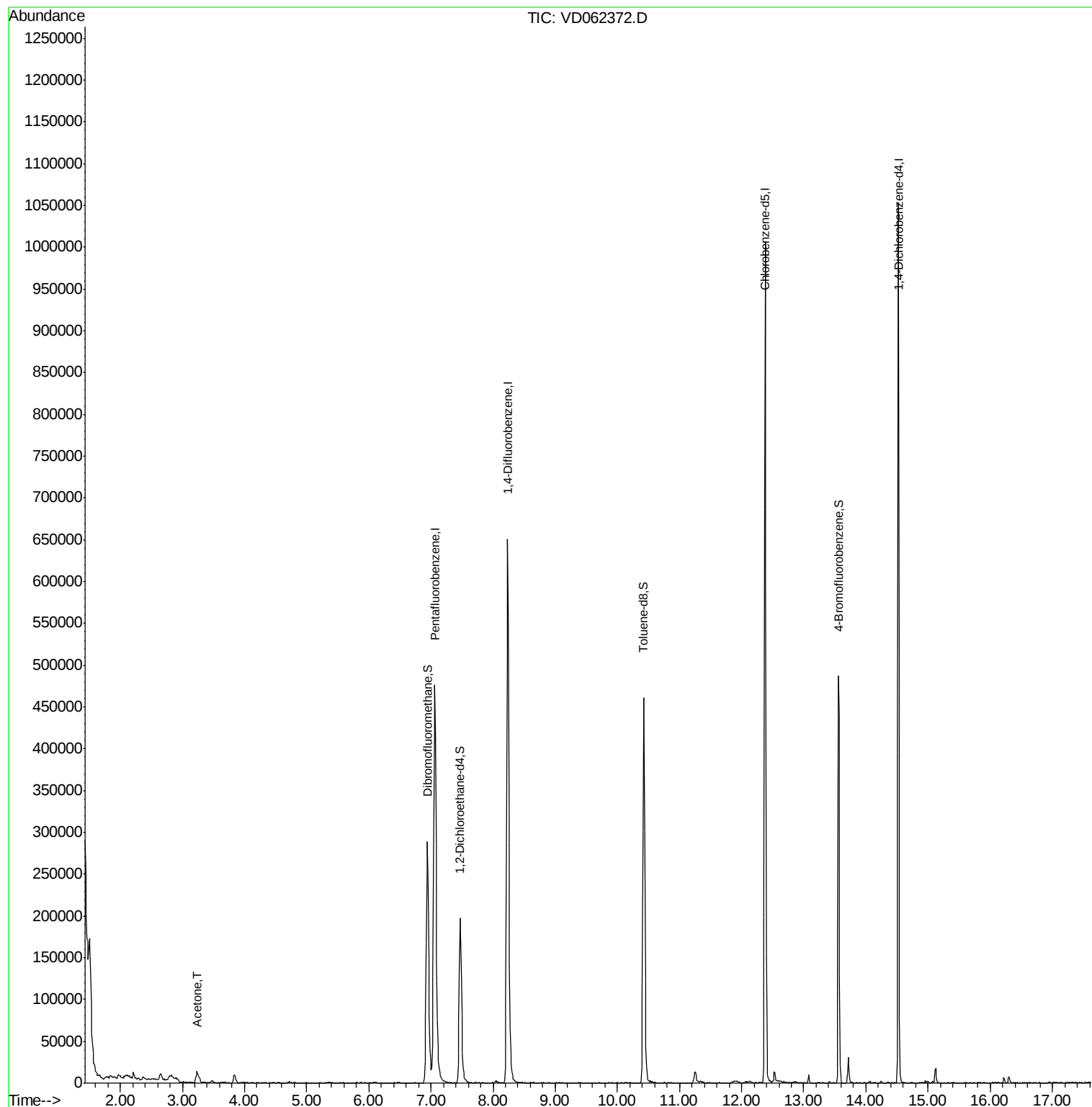
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	448538	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	651878	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	491247	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	204101	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	239148	57.37	ug/l	0.04
Spiked Amount 50.000			Recovery	=	114.74%	
35) Dibromofluoromethane	6.95	113	257522	47.61	ug/l	0.05
Spiked Amount 50.000			Recovery	=	95.22%	
50) Toluene-d8	10.42	98	386329	29.62	ug/l	0.02
Spiked Amount 50.000			Recovery	=	59.24%	
62) 4-Bromofluorobenzene	13.56	95	148891	28.43	ug/l	0.01
Spiked Amount 50.000			Recovery	=	56.86%	
Target Compounds						
16) Acetone	3.24	43	28780	32.924	ug/l #	Qvalue 80

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

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Instrument :

MSVOA_D

ClientSampleId :

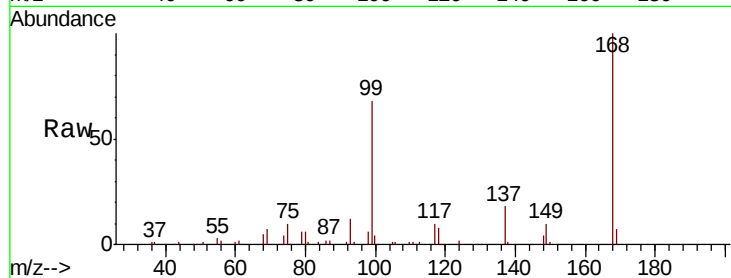
P026-SS017-0612-01RE

Tgt Ion:168 Resp: 448538

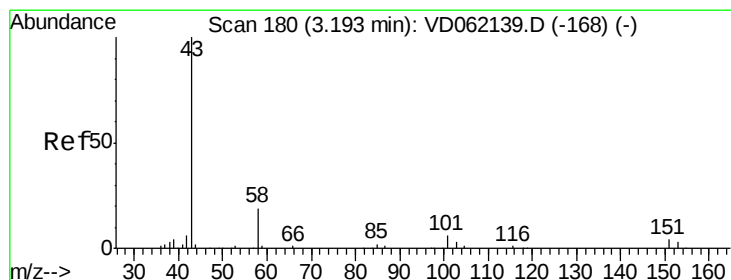
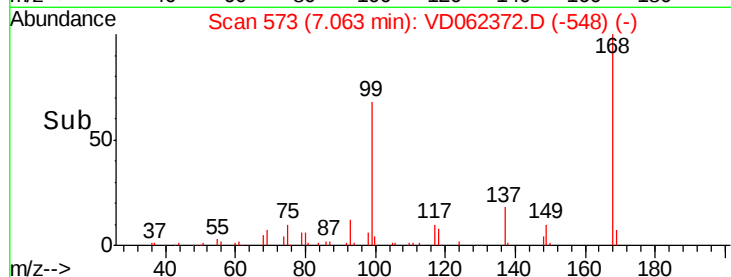
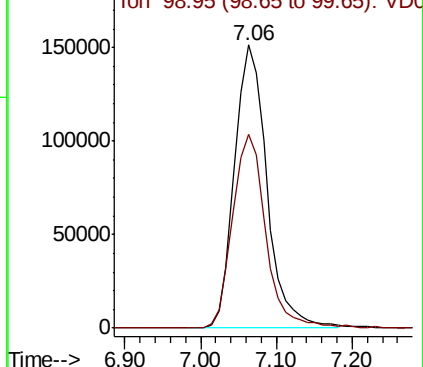
Ion Ratio Lower Upper

168 100

99 68.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 32.924 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062372.D

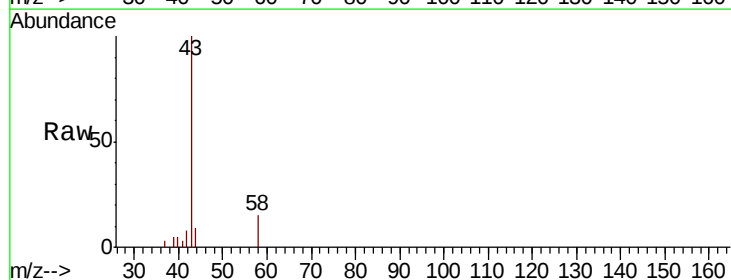
Acq: 15 May 2019 4:28

Tgt Ion: 43 Resp: 28780

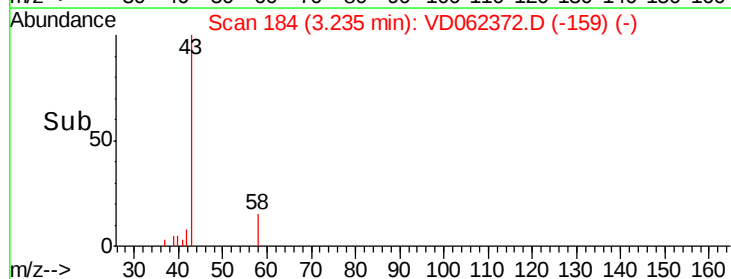
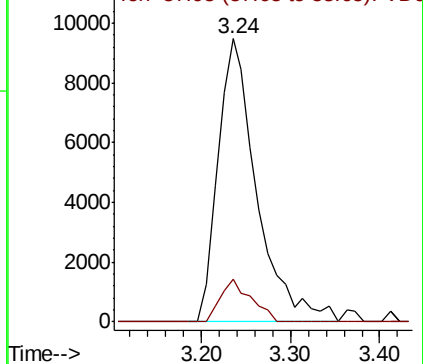
Ion Ratio Lower Upper

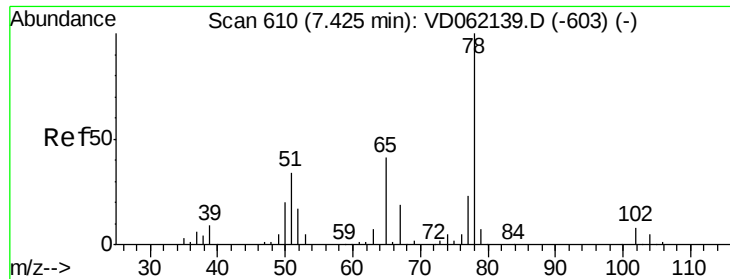
43 100

58 15.1 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 57.373 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062372.D

Acq: 15 May 2019 4:28

Instrument :

MSVOA_D

ClientSampleId :

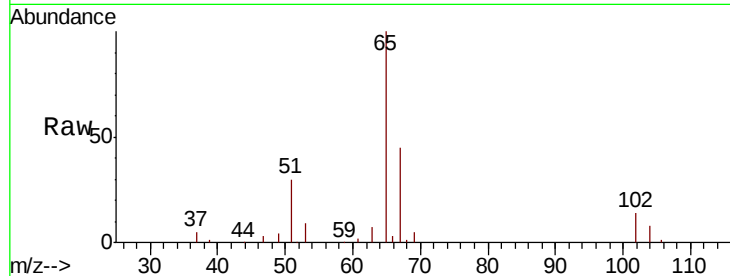
P026-SS017-0612-01RE

Tgt Ion: 65 Resp: 239148

Ion Ratio Lower Upper

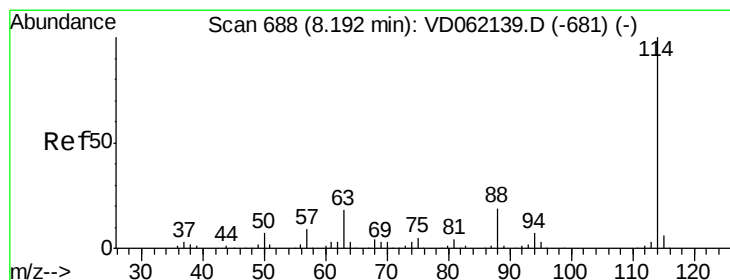
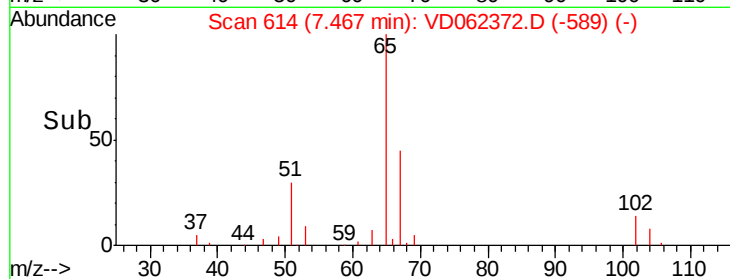
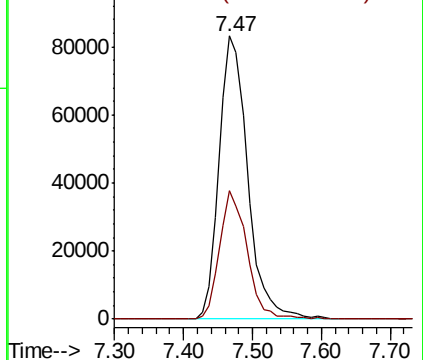
65 100

67 45.4 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: 8.23 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD062372.D

Acq: 15 May 2019 4:28

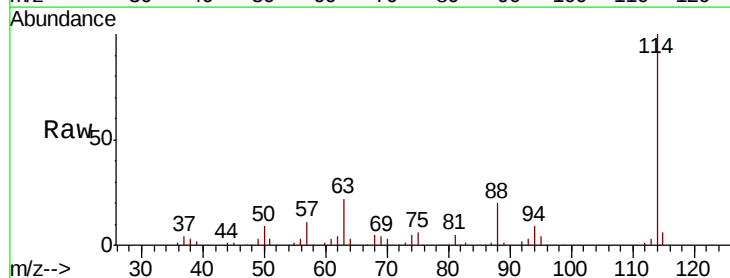
Tgt Ion: 114 Resp: 651878

Ion Ratio Lower Upper

114 100

63 22.2 0.0 32.4

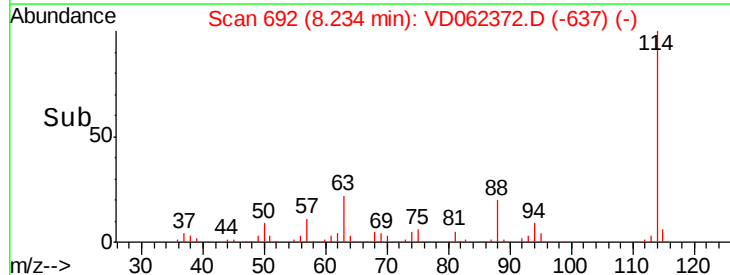
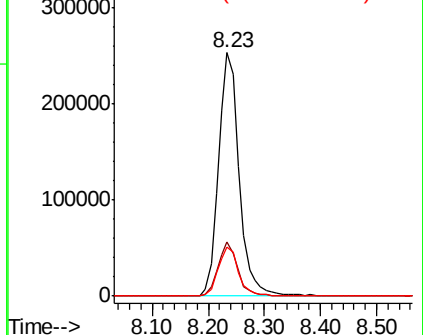
88 20.1 0.0 33.6

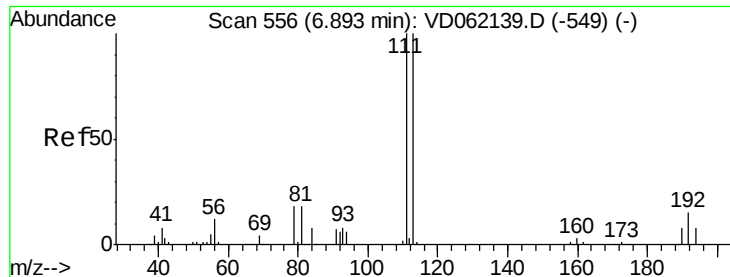


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

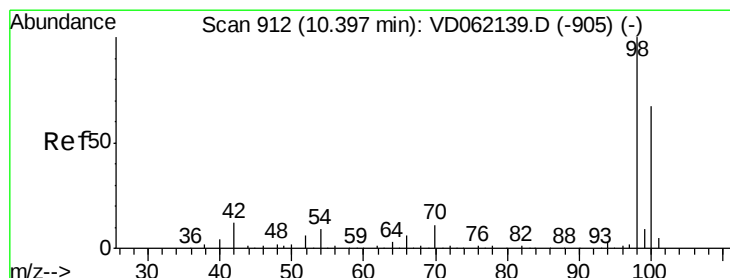
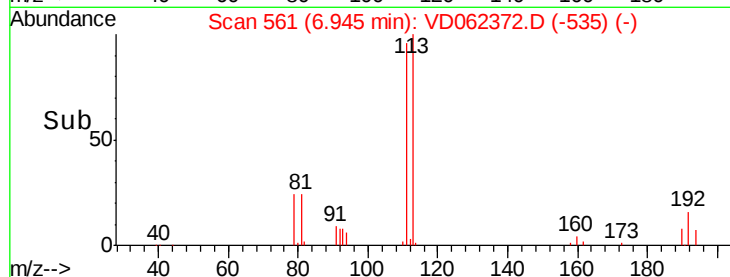
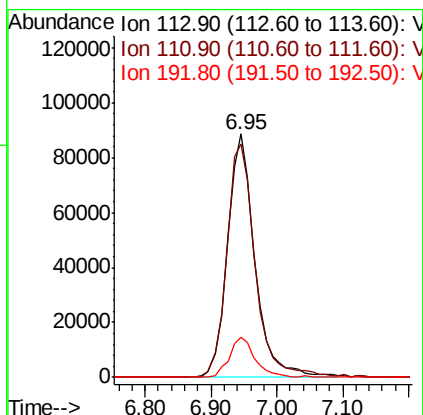
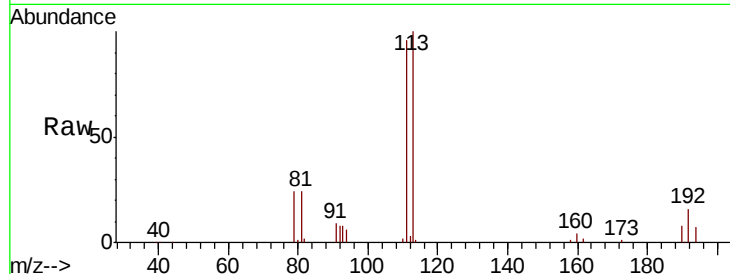




#35
 Dibromofluoromethane
 Concen: 47.612 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062372.D
 Acq: 15 May 2019 4:28

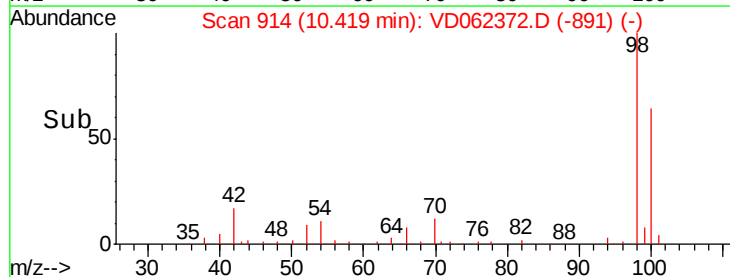
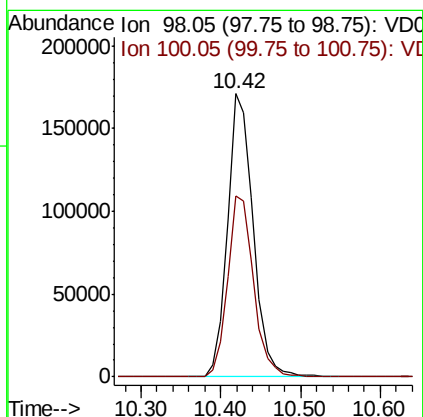
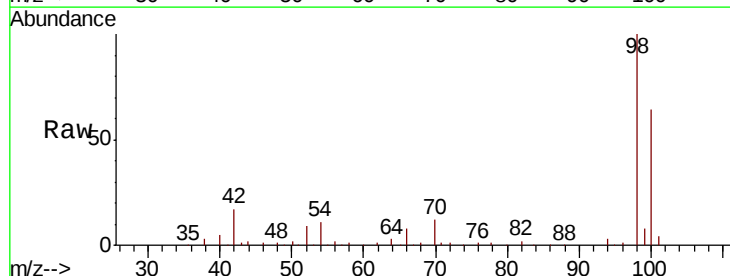
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 MSVOA_D
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 P026-SS017-0612-01RE

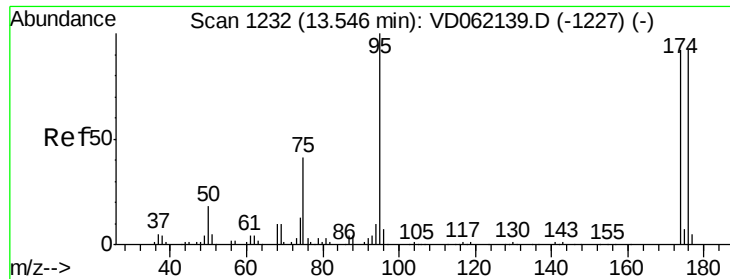
Tgt Ion: 113 Resp: 257522
 Ion Ratio Lower Upper
 113 100
 111 96.1 78.5 117.7
 192 16.2 13.0 19.4



#50
 Toluene-d8
 Concen: 29.625 ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.02 min
 Lab File: VD062372.D
 Acq: 15 May 2019 4:28

Tgt Ion: 98 Resp: 386329
 Ion Ratio Lower Upper
 98 100
 100 64.0 53.8 80.8





#62

4-Bromofluorobenzene

Concen: 28.432 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062372.D

Acq: 15 May 2019 4:28

Instrument :

MSVOA_D

ClientSampleId :

P026-SS017-0612-01RE

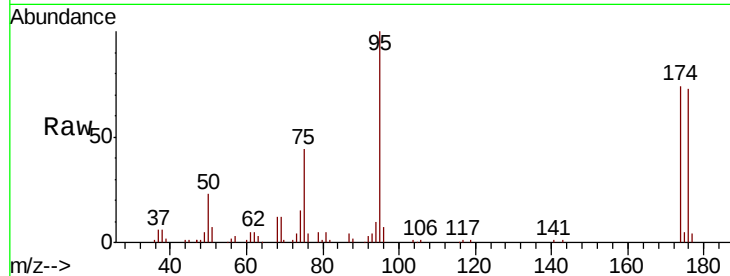
Tgt Ion: 95 Resp: 148891

Ion Ratio Lower Upper

95 100

174 74.4 0.0 181.8

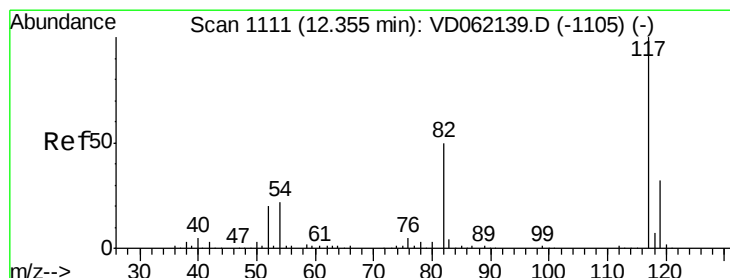
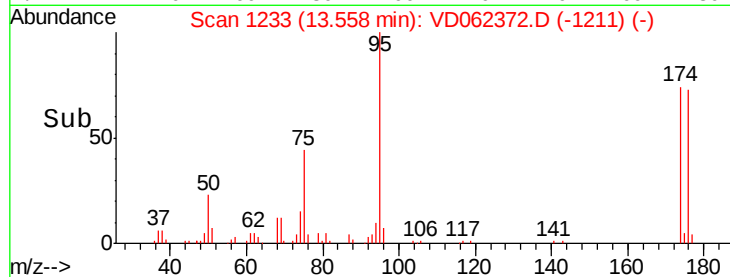
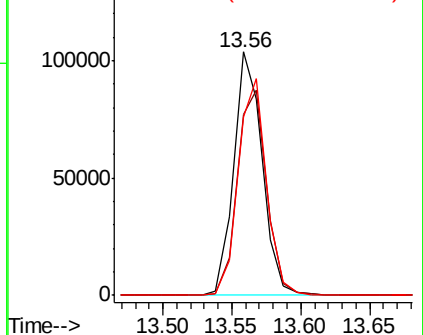
176 73.1 0.0 174.4



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: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062372.D

Acq: 15 May 2019 4:28

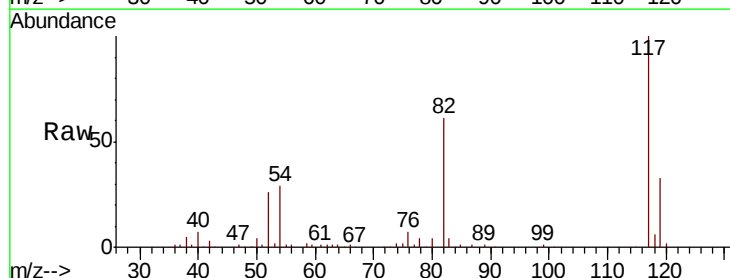
Tgt Ion: 117 Resp: 491247

Ion Ratio Lower Upper

117 100

82 61.1 36.2 54.2#

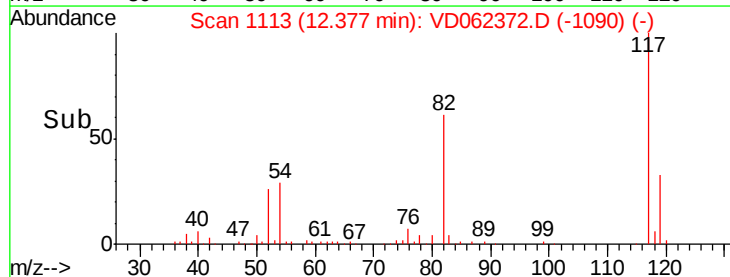
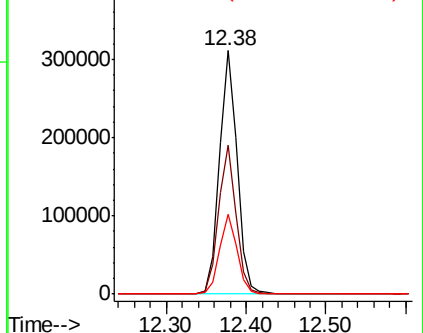
119 32.6 26.2 39.4

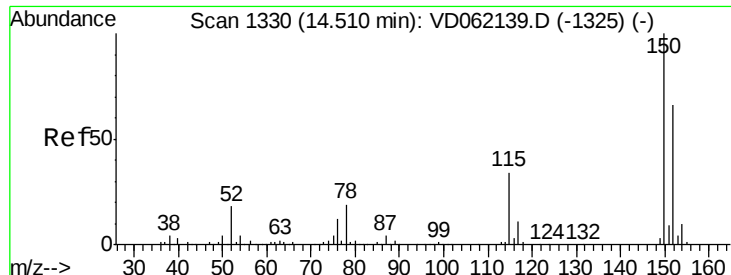


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062372.D
 Acq: 15 May 2019 4:28

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-0612-01RE

Tgt Ion:	152	Resp:	204101
Ion	Ratio	Lower	Upper
152	100		
115	64.1	30.9	92.7
150	149.2	0.0	314.8

