

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050819\
 Data File : VD062173.D
 Acq On : 8 May 2019 14:48
 Operator : FY/SY
 Sample : K2717-04
 Misc : 5.15a/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-1218-01

Quant Time: May 09 01:55:48 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

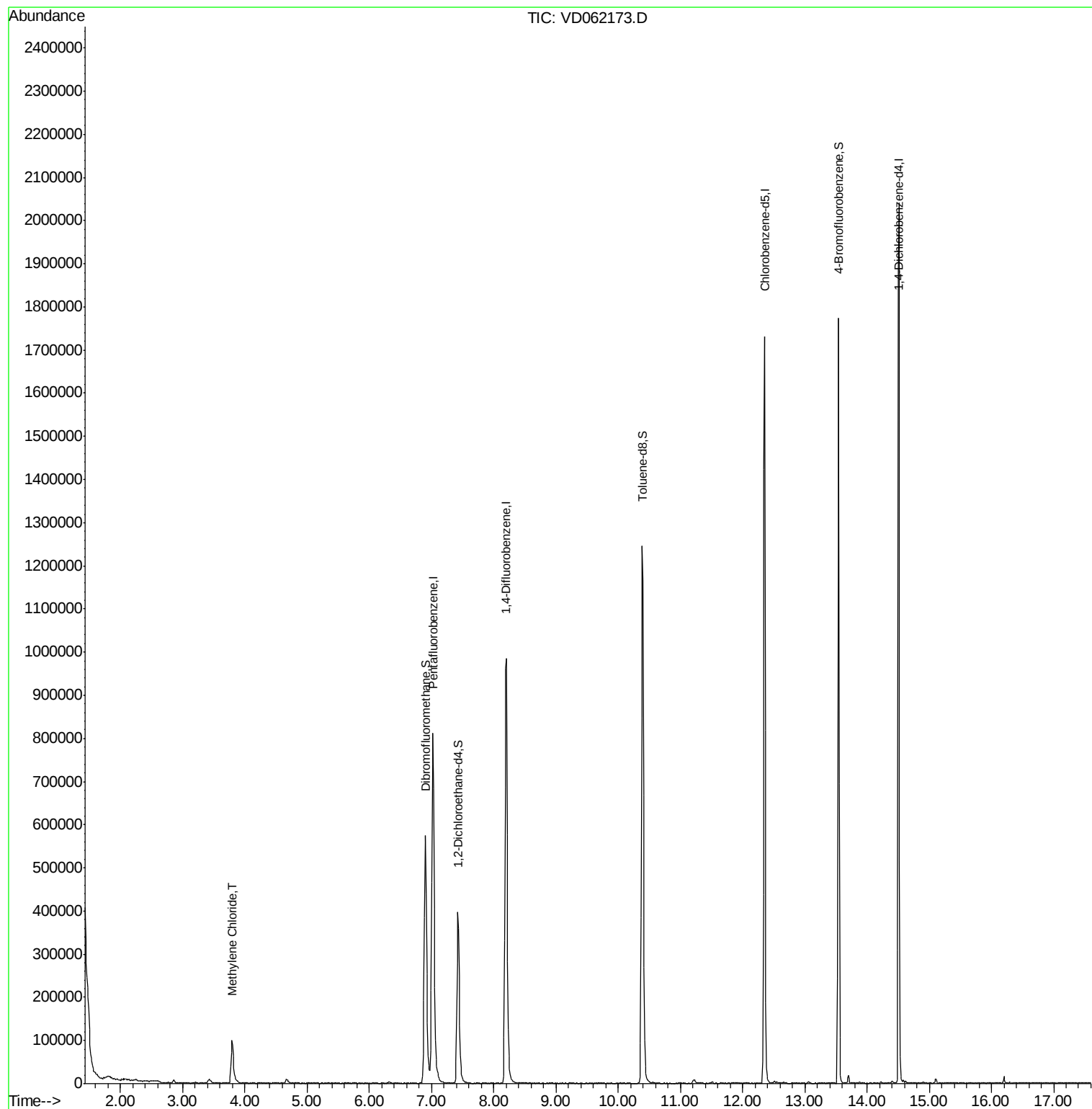
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	794242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1121575	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	962281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	495562	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	430261	58.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.58%	
35) Dibromofluoromethane	6.90	113	520994	55.99	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.98%	
50) Toluene-d8	10.39	98	1088569	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	13.55	95	503537	55.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.78%	
Target Compounds						
20) Methylene Chloride	3.79	84	71368	11.043	ug/l	Qvalue 98

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

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD062173.D

Acq: 8 May 2019 14:48

Instrument :

MSVOA_D

ClientSampleId :

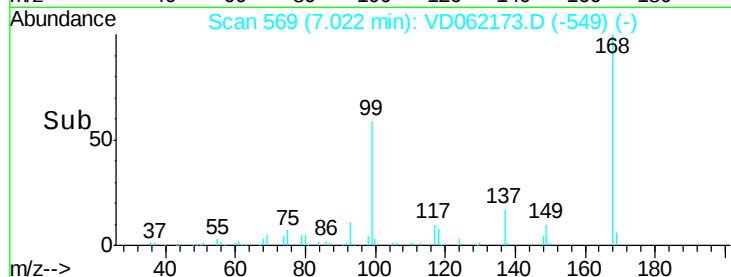
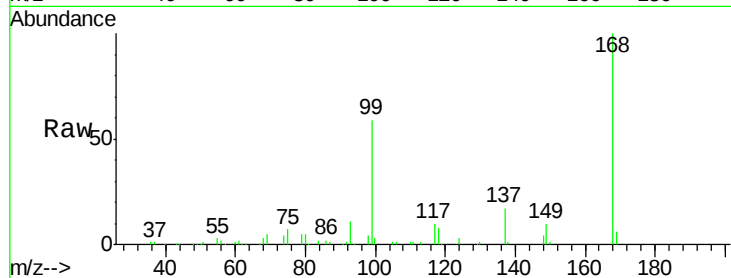
P026-SS001-1218-01

Tot Ion:168 Resp: 794242

Ion Ratio Lower Upper

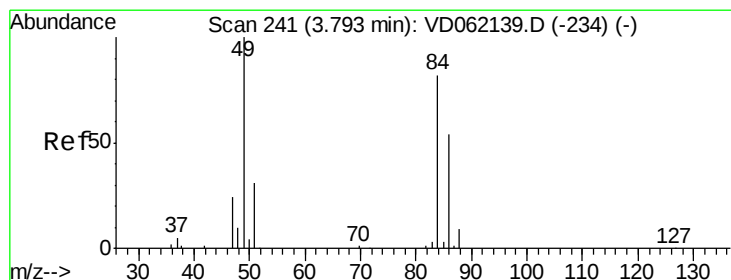
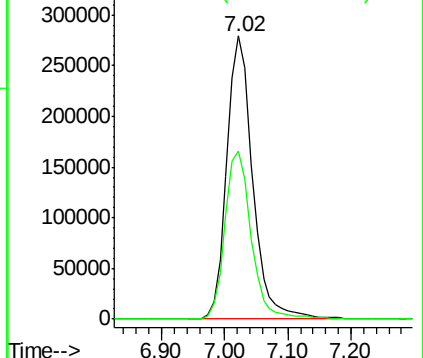
168 100

99 59.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 11.043 ug/l

RT: 3.79 min Scan# 241

Delta R.T. 0.00 min

Lab File: VD062173.D

Acq: 8 May 2019 14:48

Tgt Ion: 84 Resp: 71368

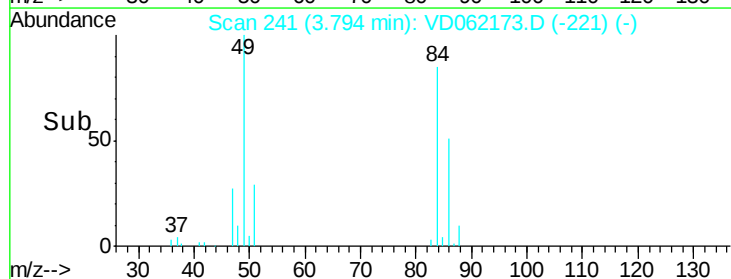
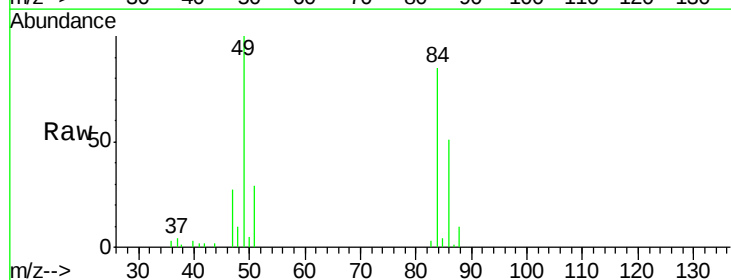
Ion Ratio Lower Upper

84 100

49 117.1 94.0 141.0

51 34.0 29.0 43.4

86 60.0 49.8 74.6

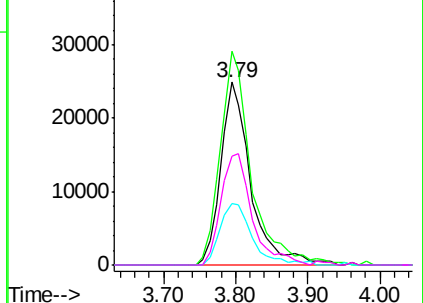


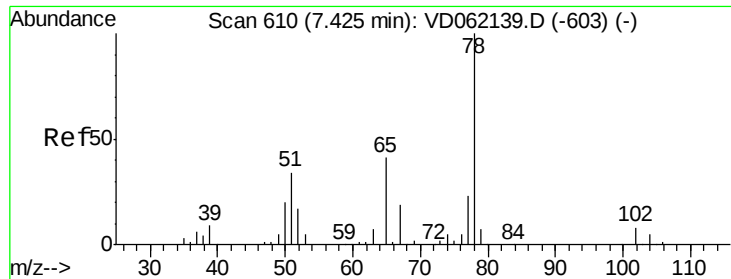
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 58.293 ug/l

RT: 7.43 min Scan# 610

Delta R.T. 0.00 min

Lab File: VD062173.D

Acq: 8 May 2019 14:48

Instrument :

MSVOA_D

ClientSampleId :

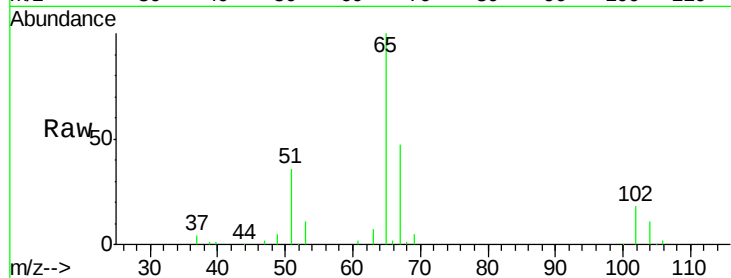
P026-SS001-1218-01

Tot Ion: 65 Resp: 430261

Ion Ratio Lower Upper

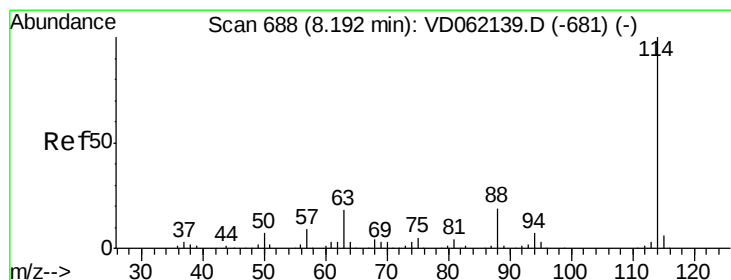
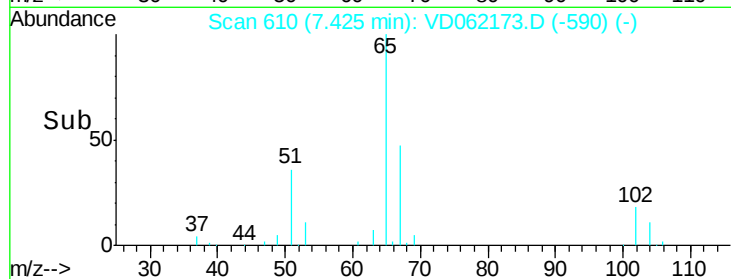
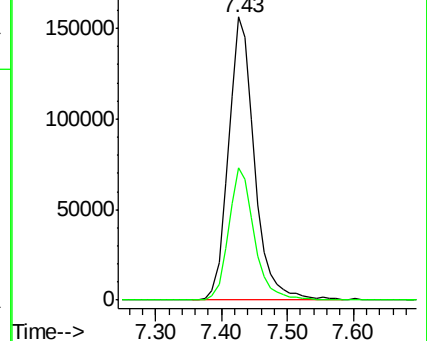
65 100

67 46.6 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: 8.20 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD062173.D

Acq: 8 May 2019 14:48

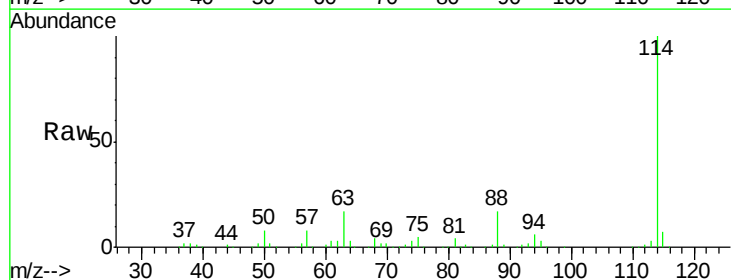
Tgt Ion: 114 Resp: 1121575

Ion Ratio Lower Upper

114 100

63 17.3 0.0 32.4

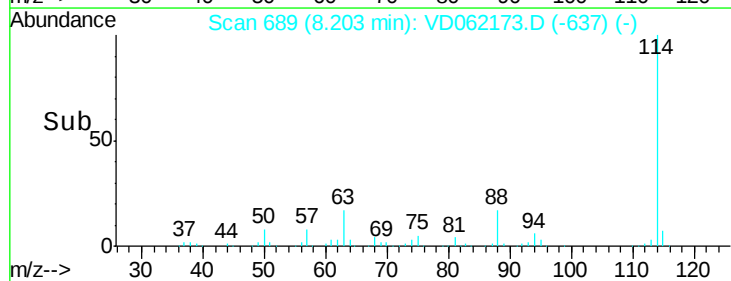
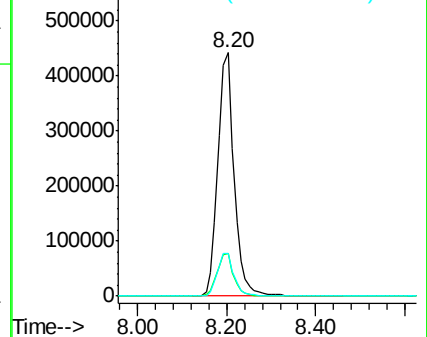
88 17.3 0.0 33.6

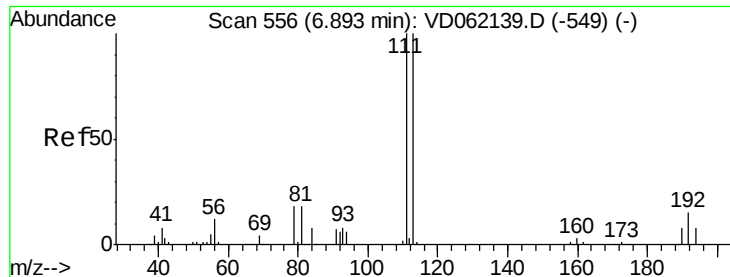


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 55.986 ug/l

RT: 6.90 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD062173.D

Acq: 8 May 2019 14:48

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-1218-01

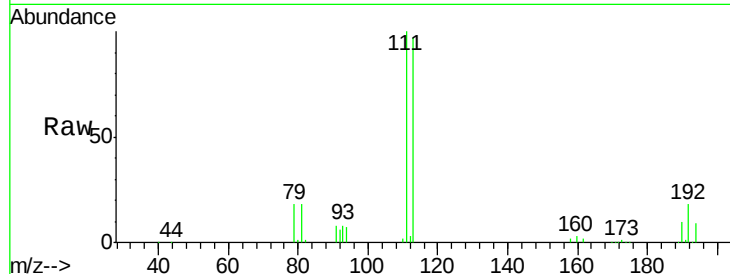
Tot Ion:113 Resp: 520994

Ion Ratio Lower Upper

113 100

111 103.5 78.5 117.7

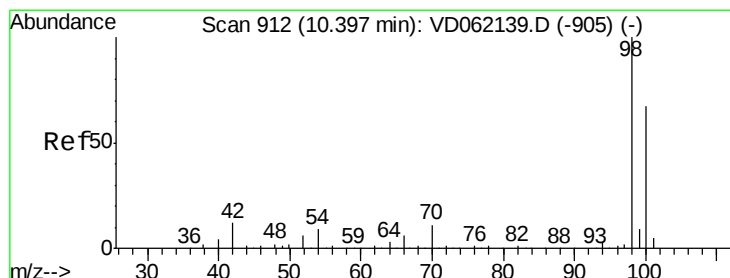
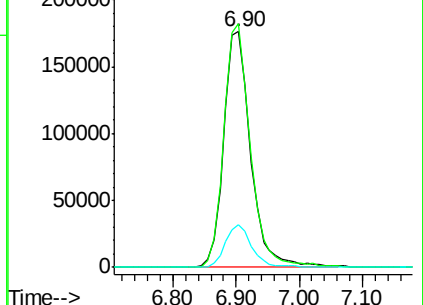
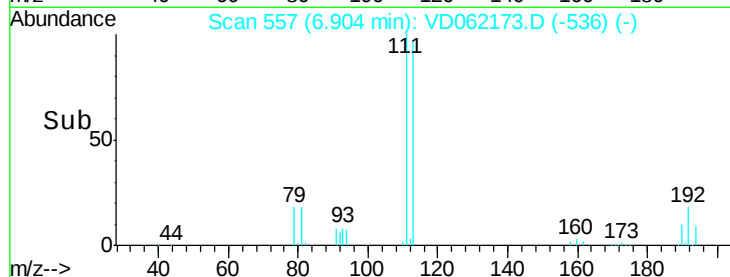
192 18.3 13.0 19.4



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: 48.517 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062173.D

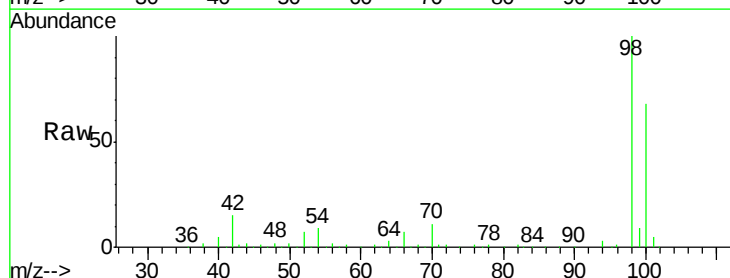
Acq: 8 May 2019 14:48

Tgt Ion: 98 Resp: 1088569

Ion Ratio Lower Upper

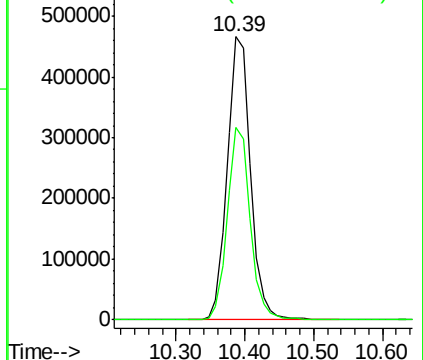
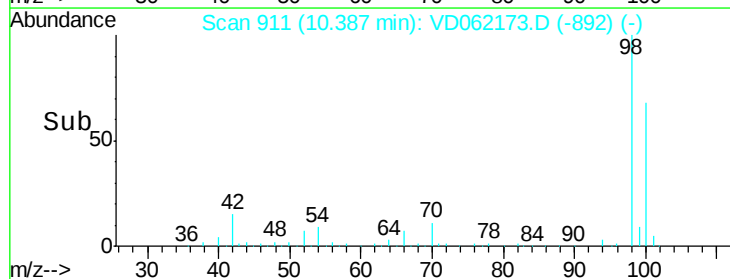
98 100

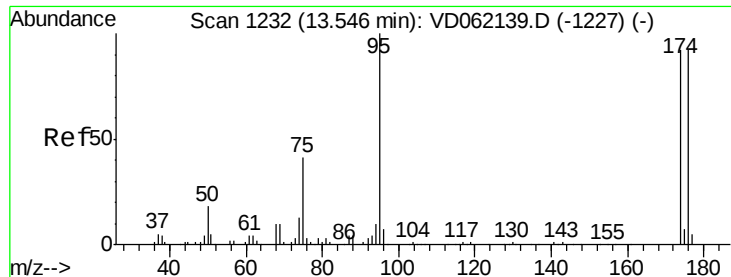
100 68.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

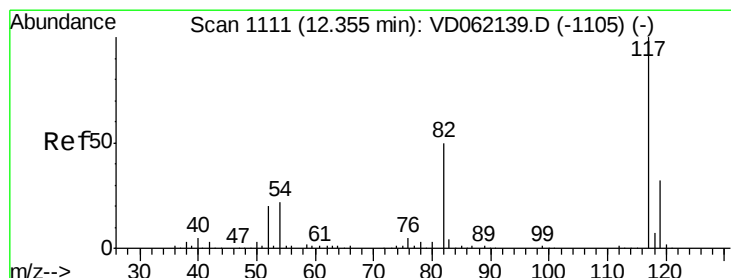
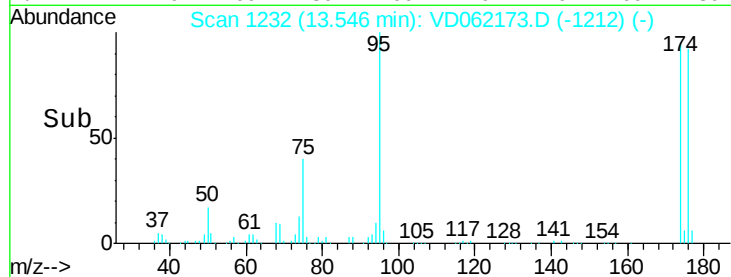
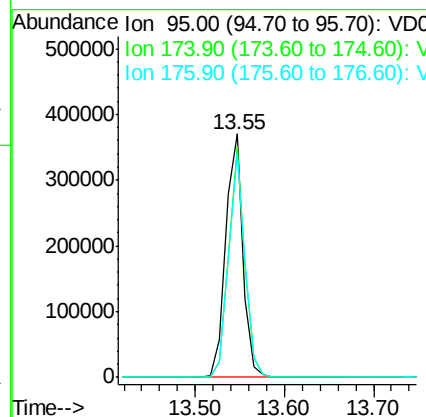
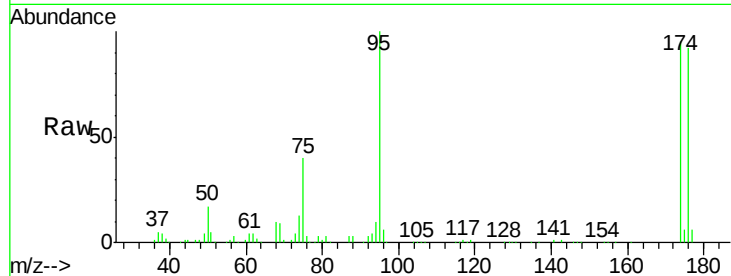




#62
4-Bromofluorobenzene
Concen: 55.887 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062173.D
Acq: 8 May 2019 14:48

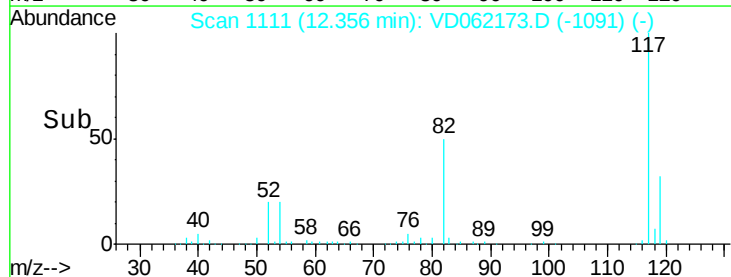
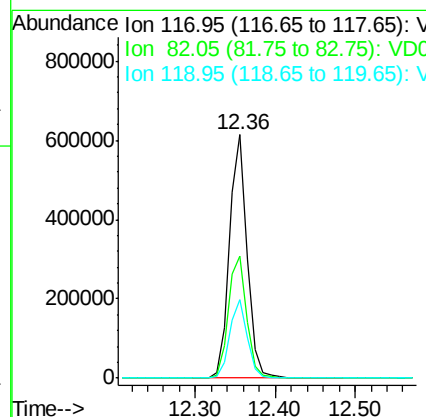
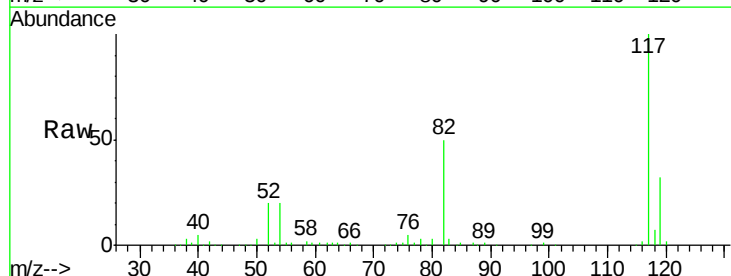
Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-1218-01

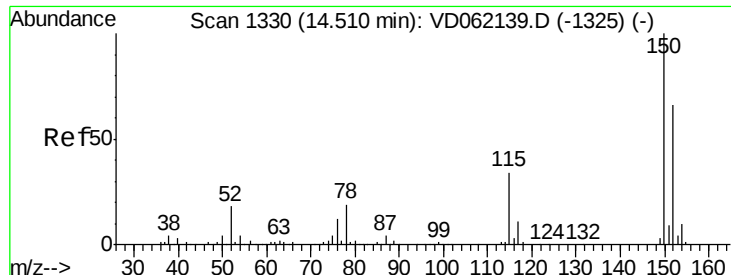
Tot Ion	95	Resp	503537
Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	181.8
176	91.9	0.0	174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062173.D
Acq: 8 May 2019 14:48

Tgt Ion	117	Resp	962281
Ion	Ratio	Lower	Upper
117	100		
82	50.3	36.2	54.2
119	32.3	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062173.D

Acq: 8 May 2019 14:48

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-1218-01

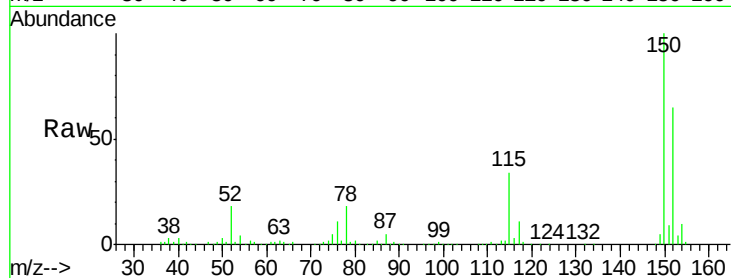
Tot Ion:152 Resp: 495562

Ion Ratio Lower Upper

152 100

115 52.5 30.9 92.7

150 152.8 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

