

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062795.D
 Acq On : 20 Jun 2019 15:48
 Operator : VA/AP
 Sample : K3447-08
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DISPENSER-2

Quant Time: Jun 21 07:04:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

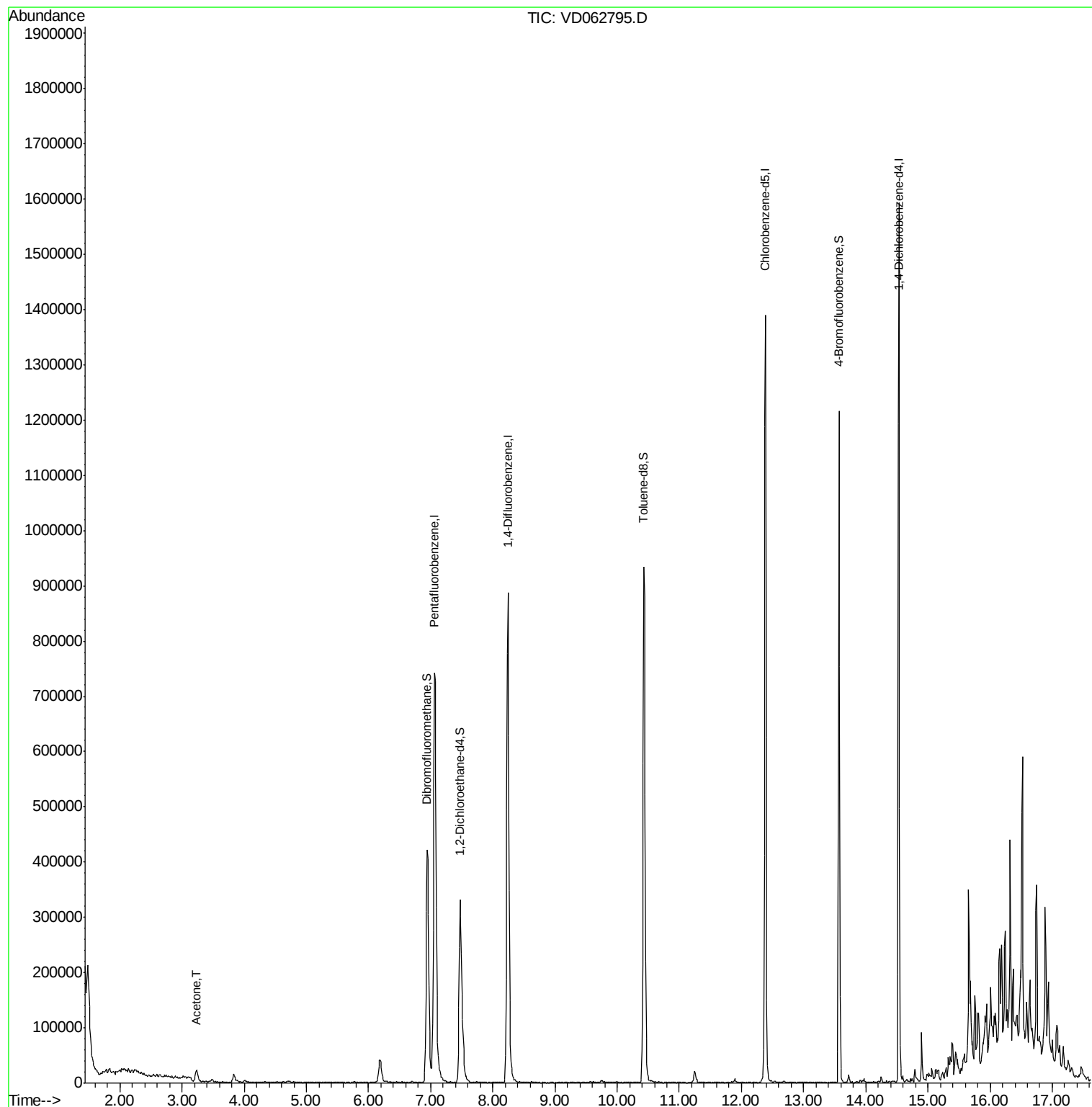
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	717444	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	906090	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.39	117	727117	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	340185	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	339470	43.53	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.06%	
35) Dibromofluoromethane	6.94	113	370152	48.45	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	10.43	98	744718	44.79	ug/l	0.01
Spiked Amount 50.000			Recovery	=	89.58%	
62) 4-Bromofluorobenzene	13.57	95	323001	42.72	ug/l	0.01
Spiked Amount 50.000			Recovery	=	85.44%	
Target Compounds						
16) Acetone	3.23	43	43380	21.023	ug/l	Qvalue 97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD062795.D

Acq: 20 Jun 2019 15:48

Instrument :

MSVOA_D

ClientSampleId :

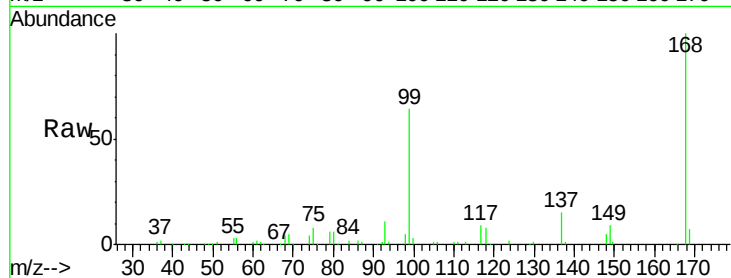
DISPENSER-2

Tot Ion:168 Resp: 717444

Ion Ratio Lower Upper

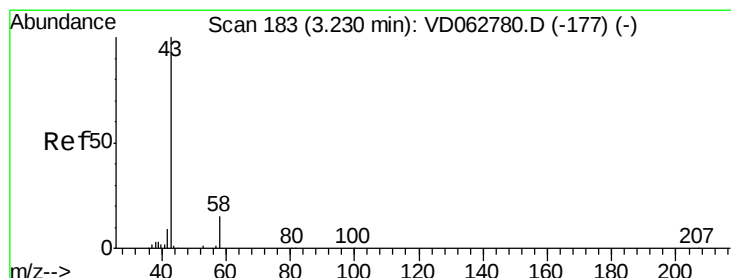
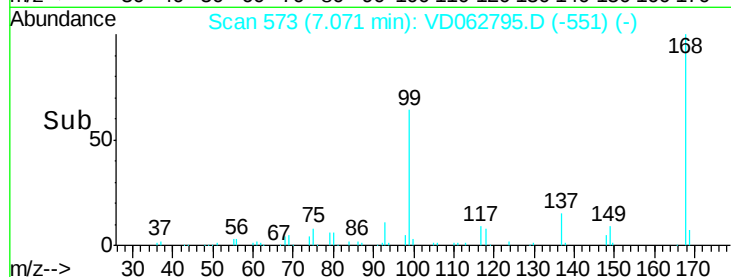
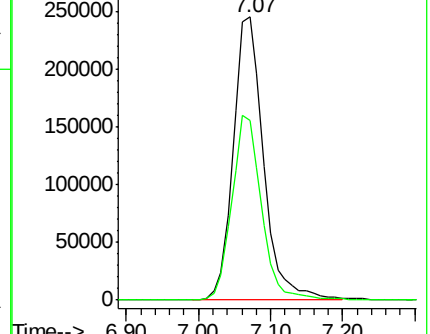
168 100

99 63.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 21.023 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD062795.D

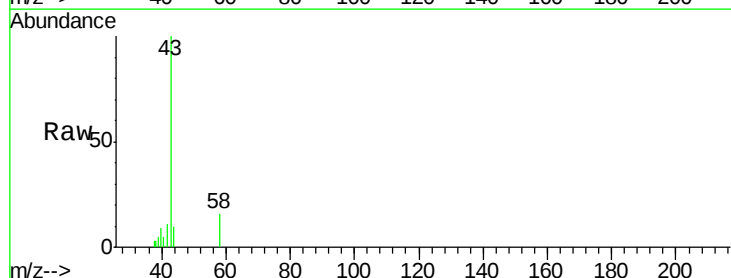
Acq: 20 Jun 2019 15:48

Tgt Ion: 43 Resp: 43380

Ion Ratio Lower Upper

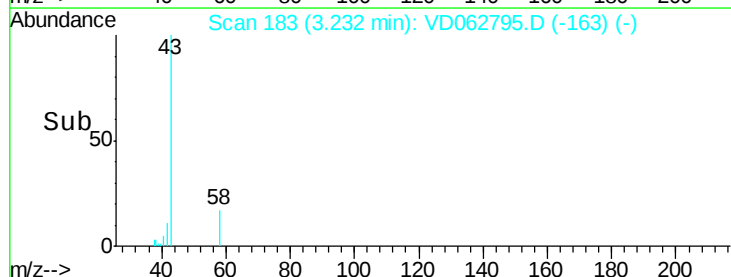
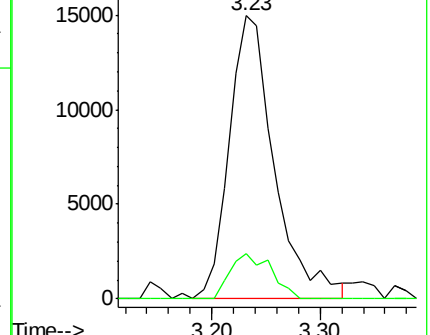
43 100

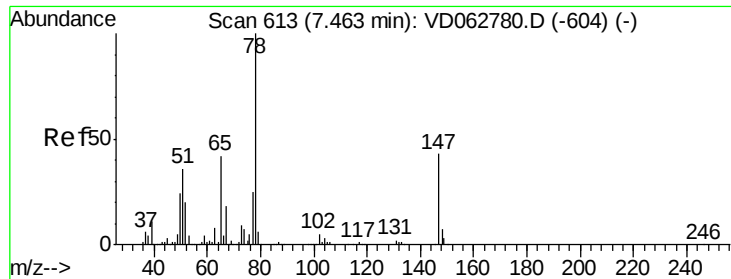
58 16.0 11.9 17.9



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: 43.530 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062795.D

Acq: 20 Jun 2019 15:48

Instrument :

MSVOA_D

ClientSampled :

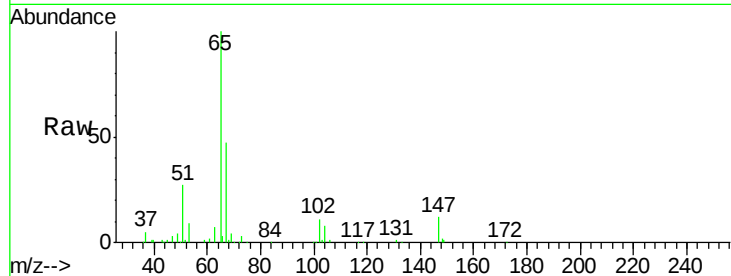
DISPENSER-2

Tot Ion: 65 Resp: 339470

Ion Ratio Lower Upper

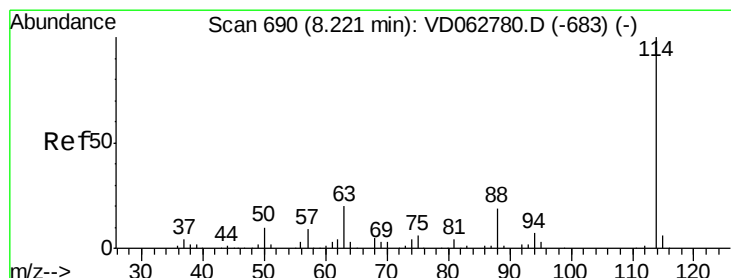
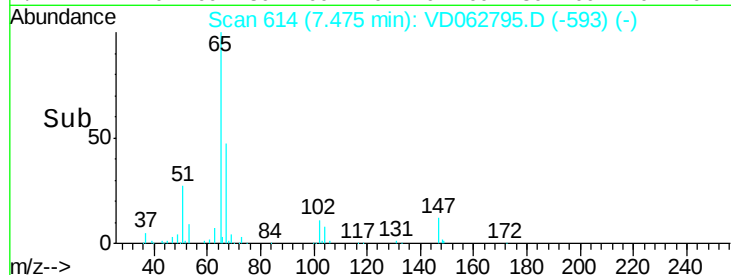
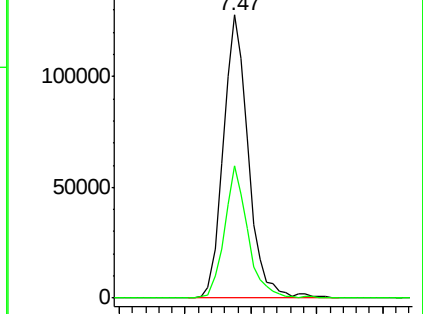
65 100

67 46.7 0.0 87.4



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: 8.24 min Scan# 692

Delta R.T. 0.02 min

Lab File: VD062795.D

Acq: 20 Jun 2019 15:48

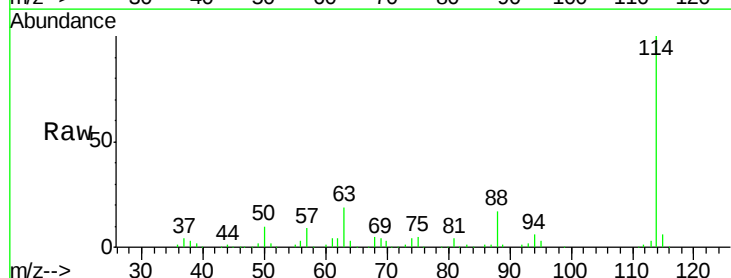
Tgt Ion: 114 Resp: 906090

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

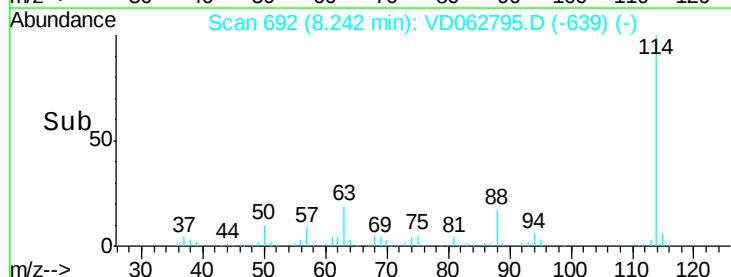
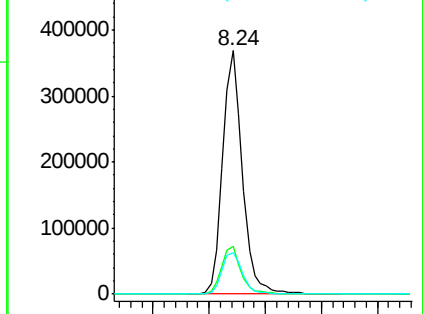
88 17.0 0.0 38.8



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: 48.448 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062795.D

Acq: 20 Jun 2019 15:48

Instrument :

MSVOA_D

ClientSampleId :

DISPENSER-2

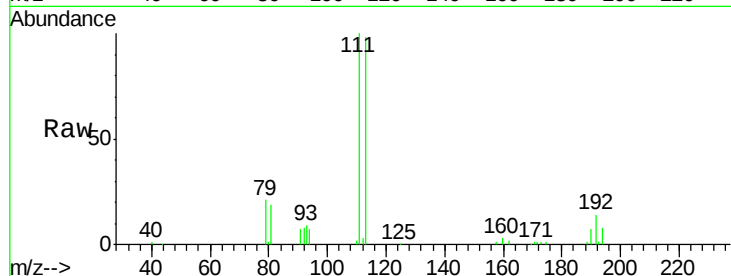
Tot Ion:113 Resp: 370152

Ion Ratio Lower Upper

113 100

111 101.7 81.2 121.8

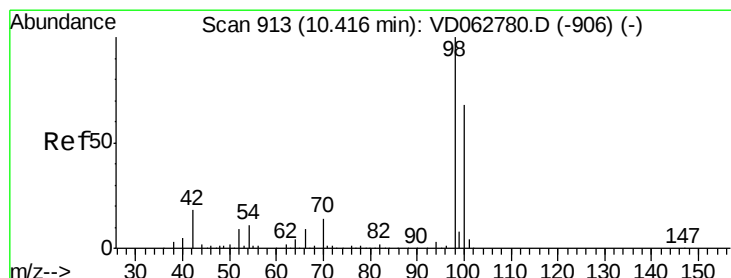
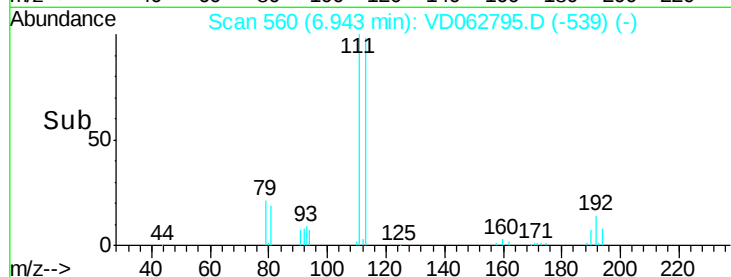
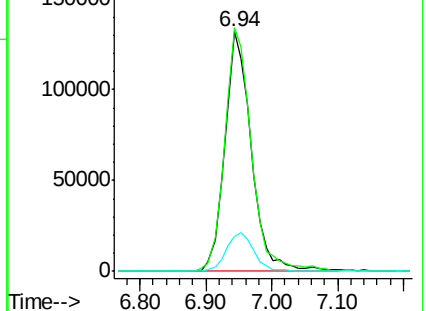
192 14.6 12.9 19.3



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: 44.786 ug/l

RT: 10.43 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062795.D

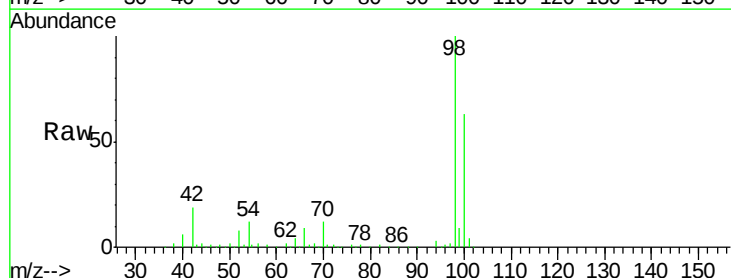
Acq: 20 Jun 2019 15:48

Tgt Ion: 98 Resp: 744718

Ion Ratio Lower Upper

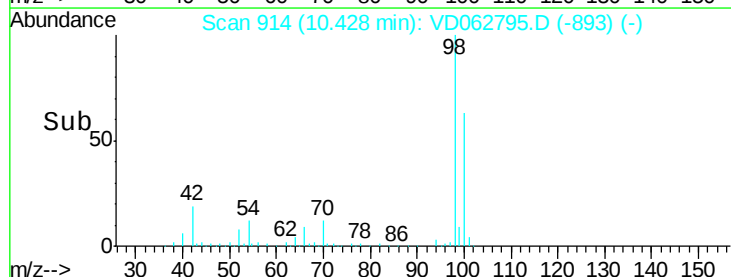
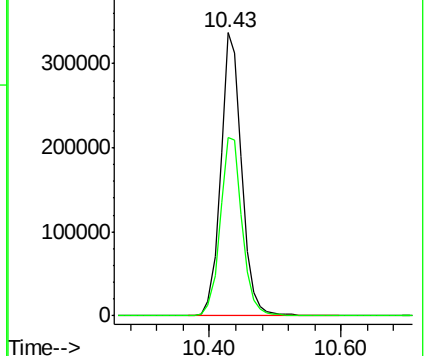
98 100

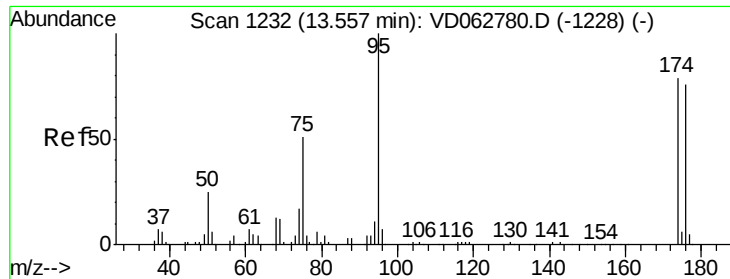
100 63.1 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

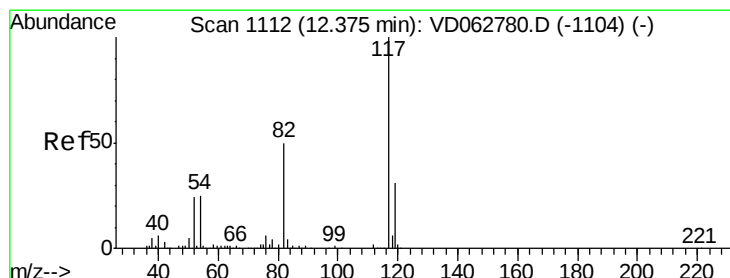
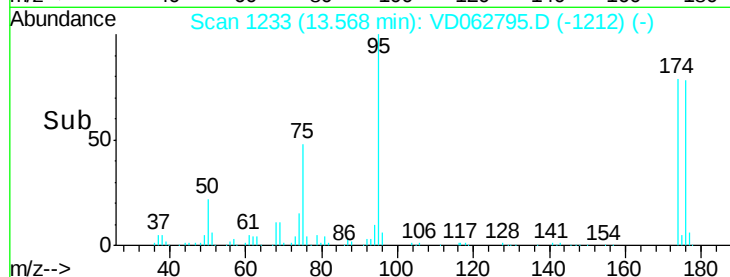
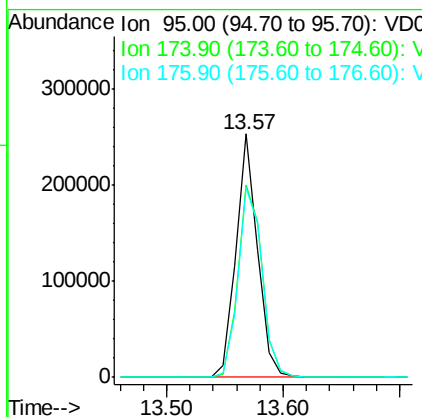
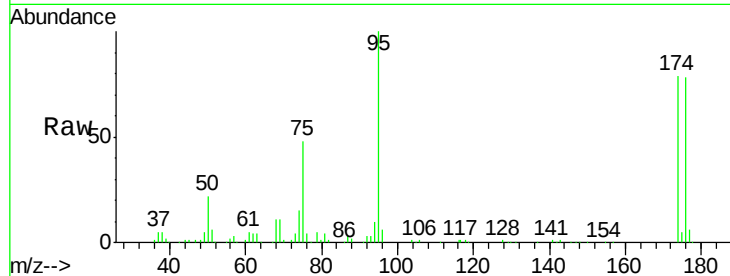




#62
4-Bromofluorobenzene
Concen: 42.719 ug/l
RT: 13.57 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062795.D
Acq: 20 Jun 2019 15:48

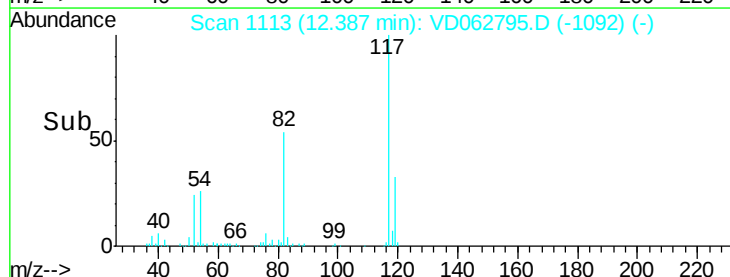
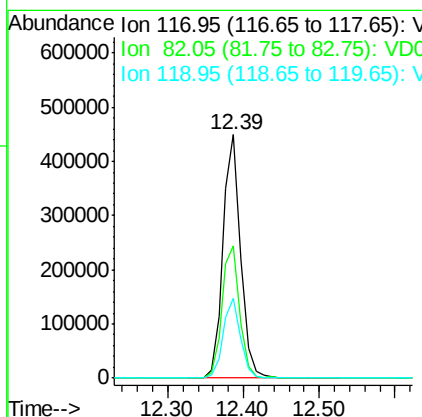
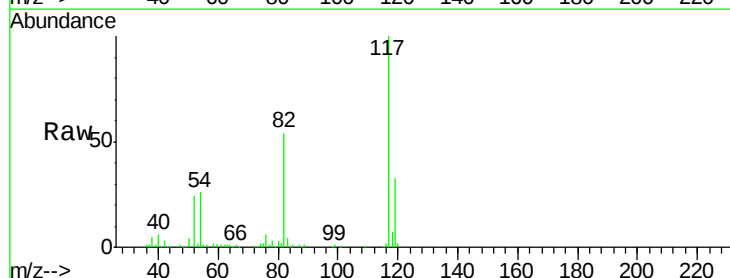
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MSVOA_D
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DISPENSER-2

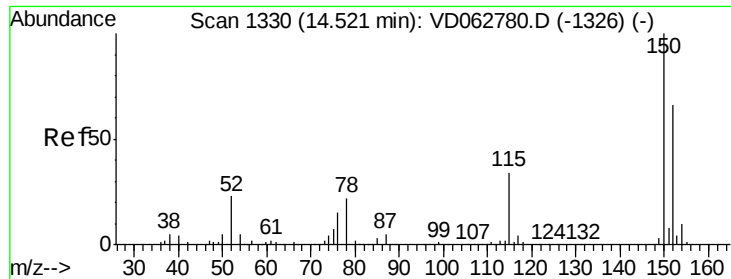
Tot Ion: 95 Resp: 323001
Ion Ratio Lower Upper
95 100
174 79.0 0.0 158.0
176 78.1 0.0 151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD062795.D
Acq: 20 Jun 2019 15:48

Tgt Ion: 117 Resp: 727117
Ion Ratio Lower Upper
117 100
82 54.1 40.4 60.6
119 32.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062795.D
 Acq: 20 Jun 2019 15:48

Instrument :
 MSVOA_D
 ClientSampleId :
 DISPENSER-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.2	87.6
150	154.9	0.0	305.8

