

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062796.D
 Acq On : 20 Jun 2019 16:15
 Operator : VA/AP
 Sample : K3447-09RE
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JUNCTIONRE

Quant Time: Jun 21 07:06:17 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

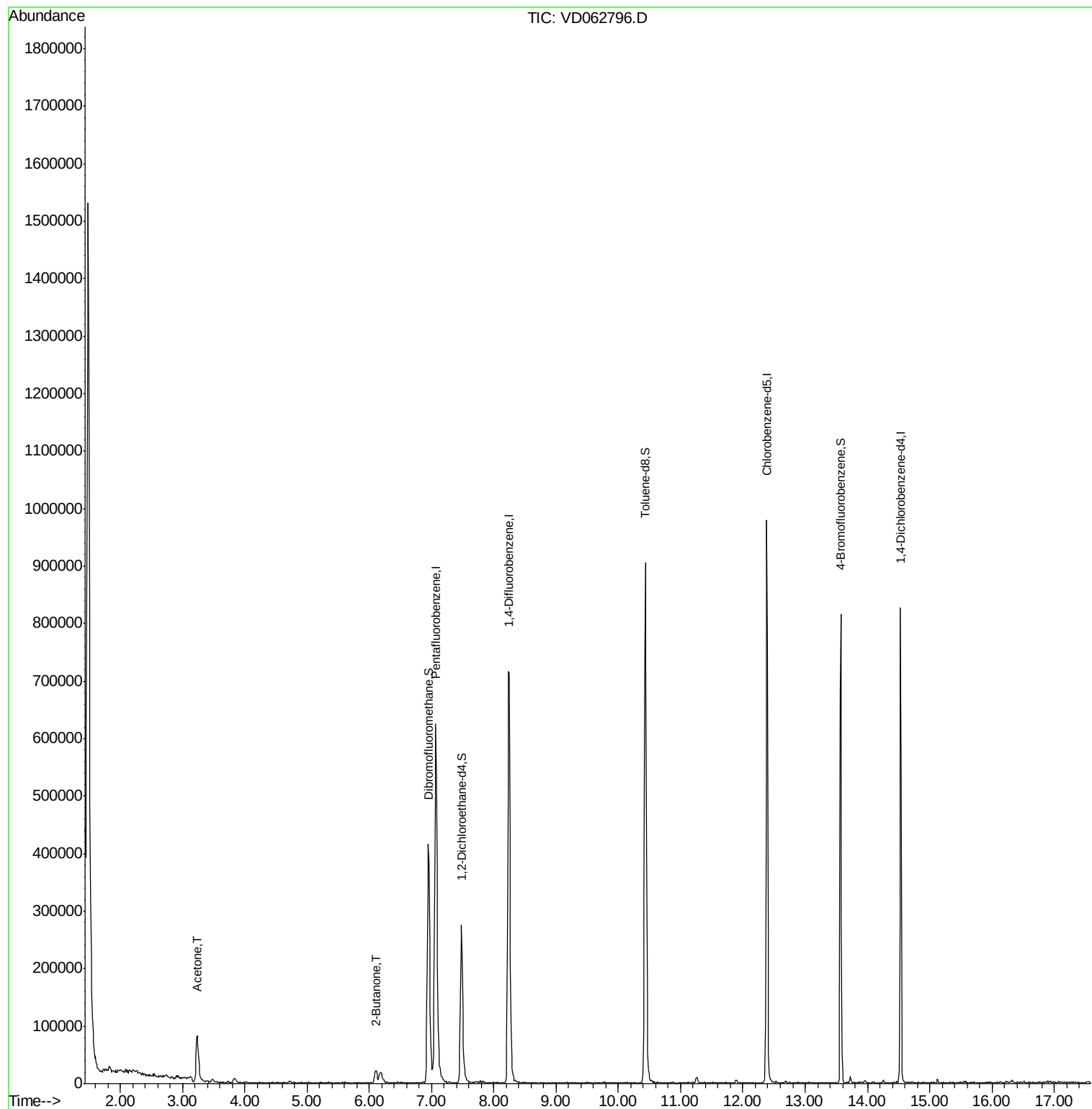
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	574361	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.25	114	764264	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	513572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	179227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	304820	48.82	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.64%	
35) Dibromofluoromethane	6.95	113	361322	56.07	ug/l	0.02
Spiked Amount 50.000			Recovery	=	112.14%	
50) Toluene-d8	10.43	98	730790	52.10	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	13.57	95	225796	35.40	ug/l	0.02
Spiked Amount 50.000			Recovery	=	70.80%	
Target Compounds						
16) Acetone	3.24	43	171525	132.181	ug/l	99
25) 2-Butanone	6.11	43	43150	36.954	ug/l #	87

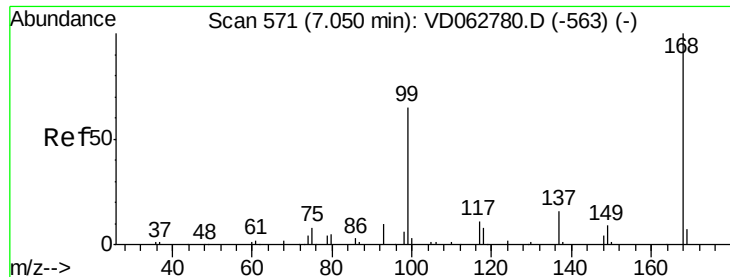
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.02 min

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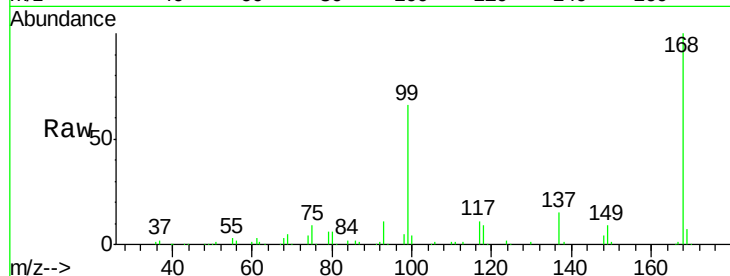
JUNCTIONRE

Tot Ion:168 Resp: 574361

Ion Ratio Lower Upper

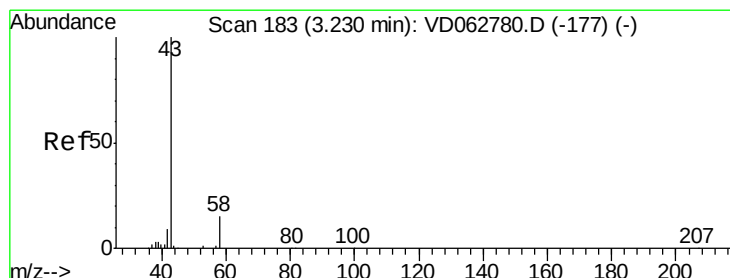
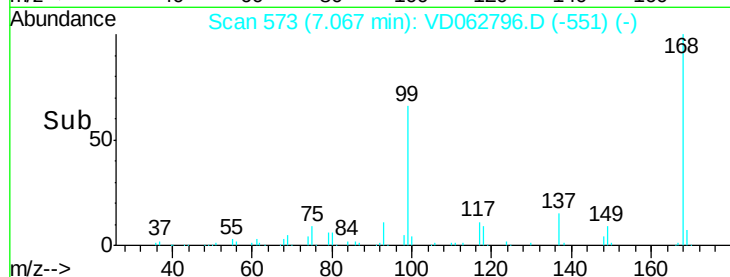
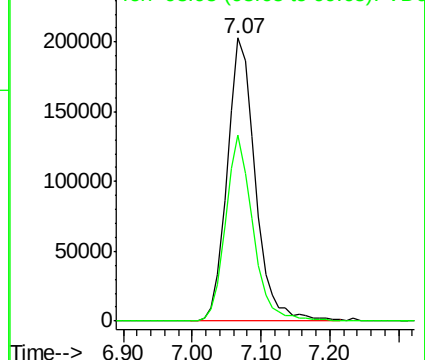
168 100

99 65.9 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: 132.181 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD062796.D

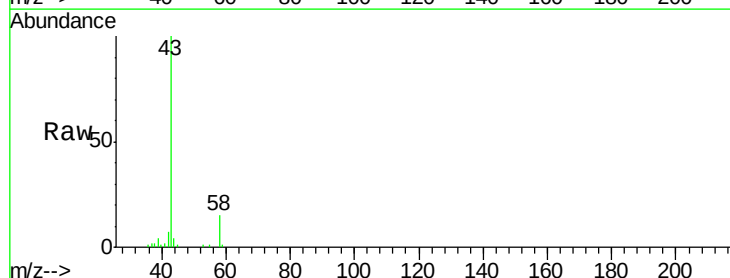
Acq: 20 Jun 2019 16:15

Tgt Ion: 43 Resp: 171525

Ion Ratio Lower Upper

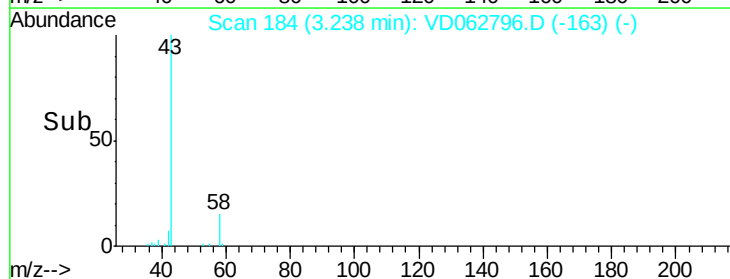
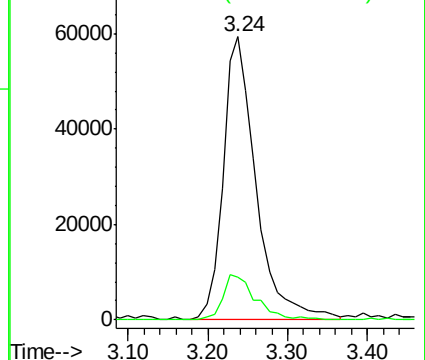
43 100

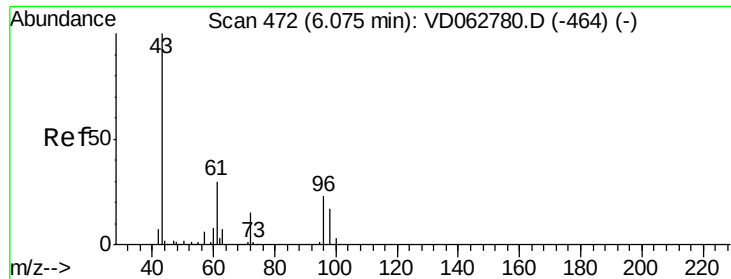
58 15.3 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 36.954 ug/l

RT: 6.11 min Scan# 476

Delta R.T. 0.04 min

Lab File: VD062796.D

Acq: 20 Jun 2019 16:15

Instrument :

MSVOA_D

ClientSampleId :

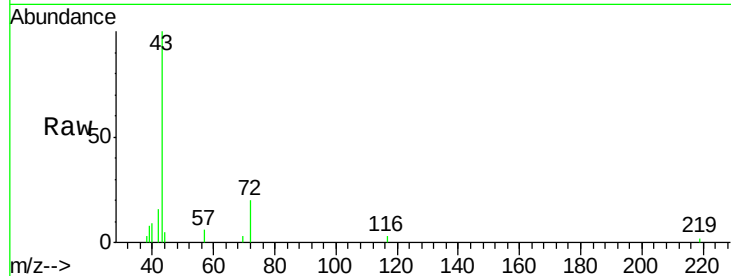
JUNCTIONRE

Tot Ion: 43 Resp: 43150

Ion Ratio Lower Upper

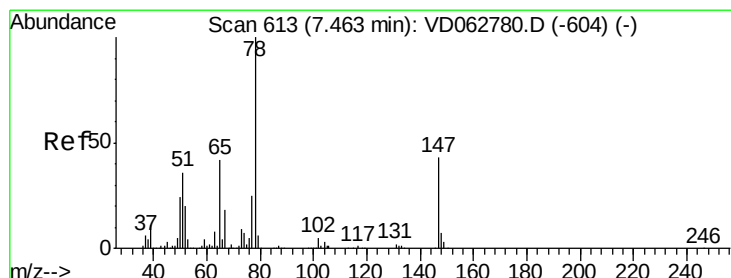
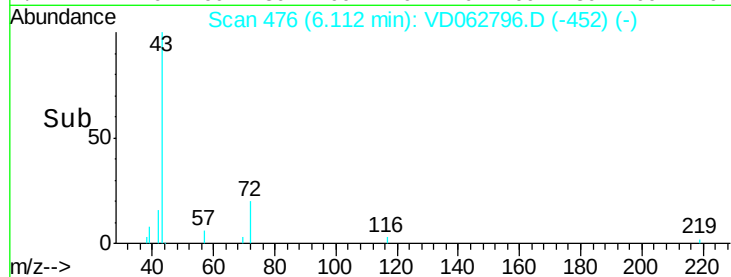
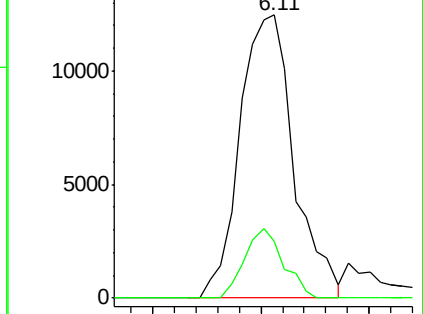
43 100

72 20.1 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 48.824 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.02 min

Lab File: VD062796.D

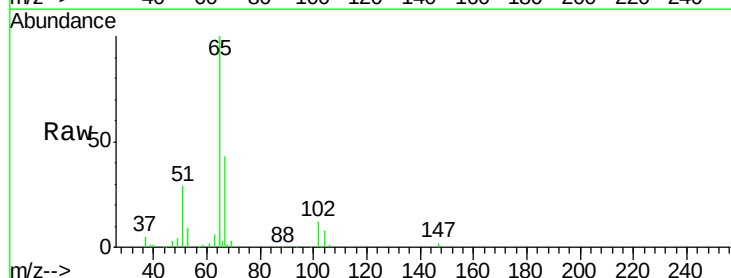
Acq: 20 Jun 2019 16:15

Tgt Ion: 65 Resp: 304820

Ion Ratio Lower Upper

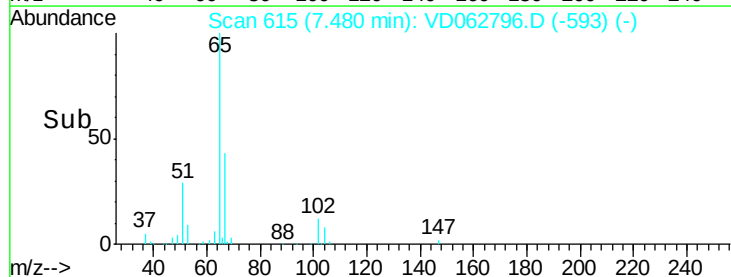
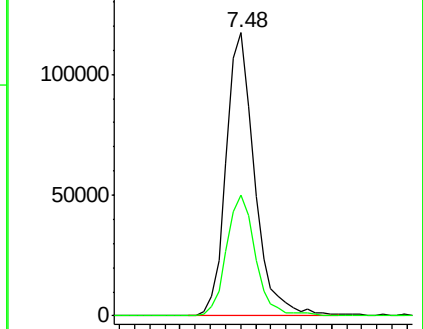
65 100

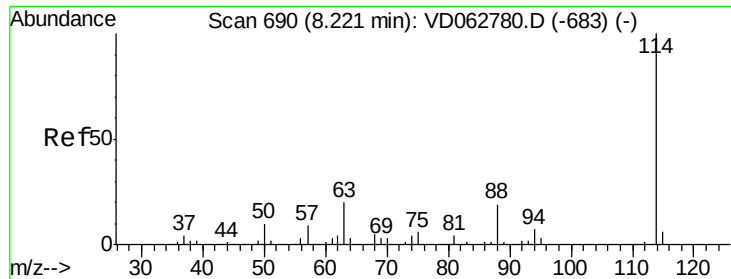
67 42.6 0.0 87.4



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: 8.25 min Scan# 693

Delta R.T. 0.03 min

Lab File: VD062796.D

Acq: 20 Jun 2019 16:15

Instrument :

MSVOA_D

ClientSampleId :

JUNCTIONRE

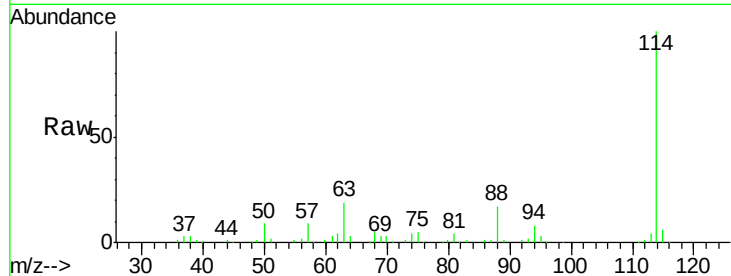
Tot Ion:114 Resp: 764264

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

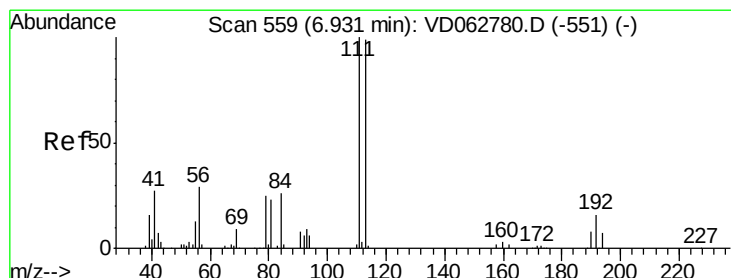
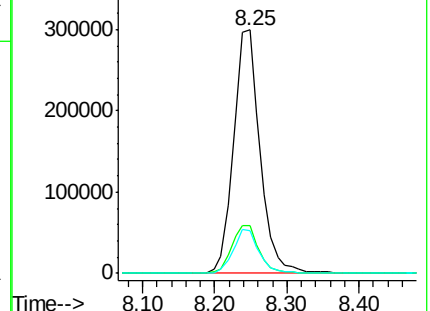
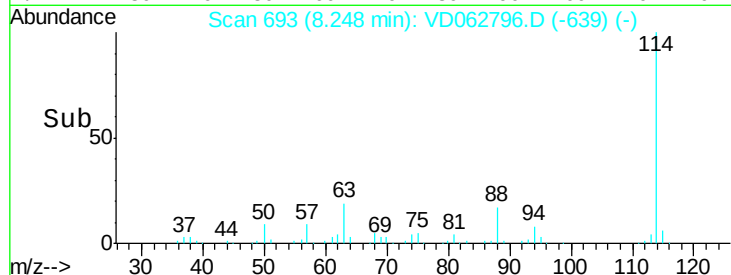
88 17.3 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 56.069 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.02 min

Lab File: VD062796.D

Acq: 20 Jun 2019 16:15

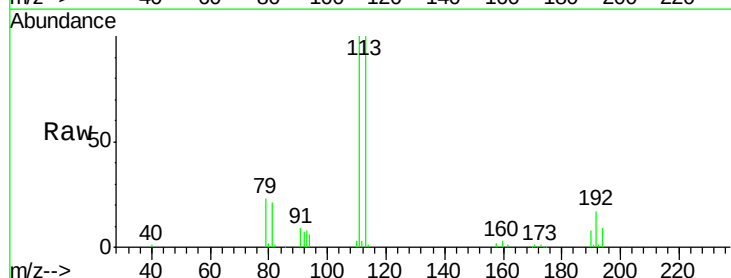
Tgt Ion:113 Resp: 361322

Ion Ratio Lower Upper

113 100

111 99.6 81.2 121.8

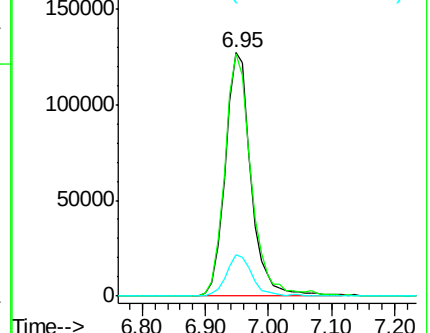
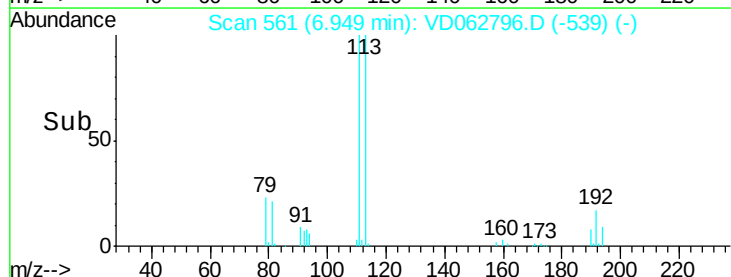
192 16.8 12.9 19.3

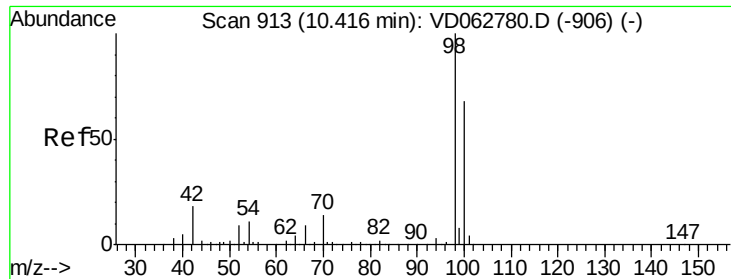


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

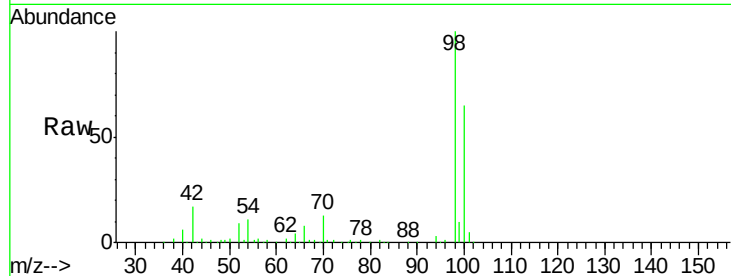




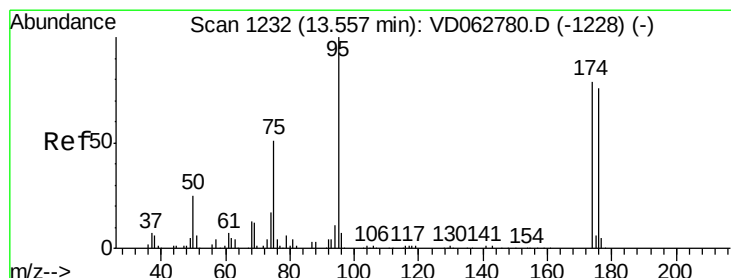
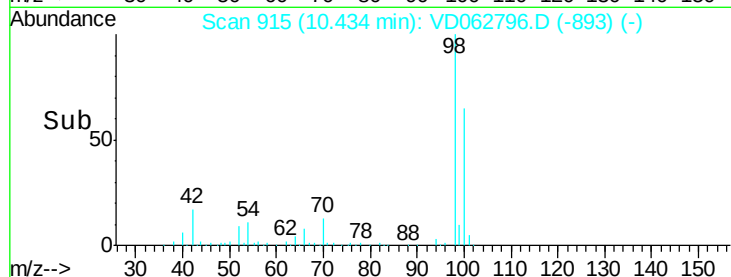
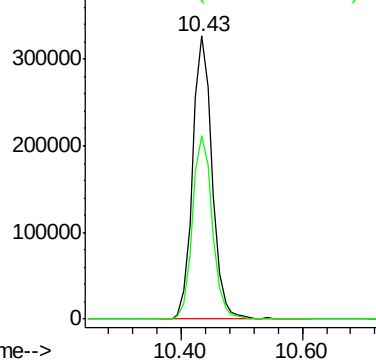
#50
Toluene-d8
Concen: 52.104 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.02 min
Lab File: VD062796.D
Acq: 20 Jun 2019 16:15

Instrument :
MSVOA_D
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JUNCTIONRE

Tot Ion: 98 Resp: 730790
Ion Ratio Lower Upper
98 100
100 65.0 54.7 82.1

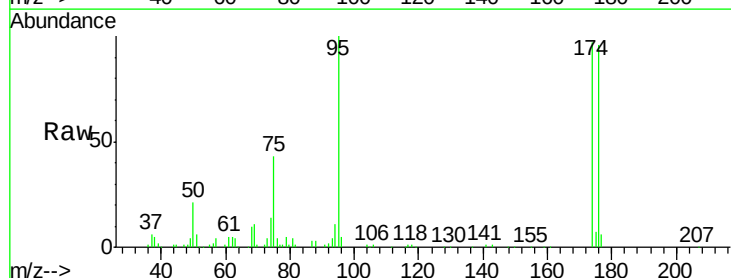


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

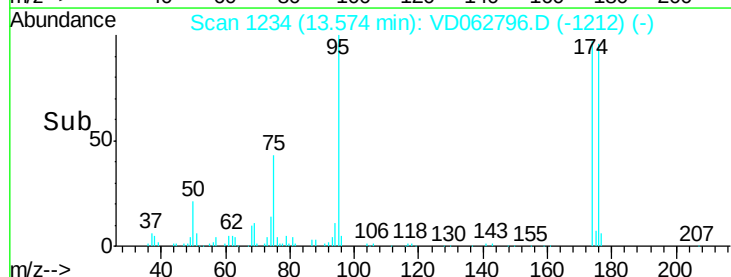
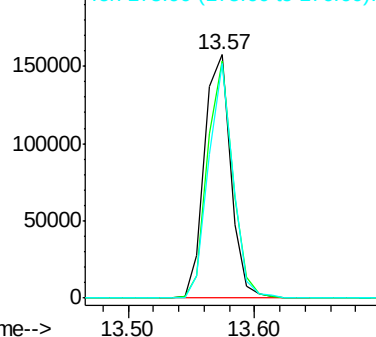


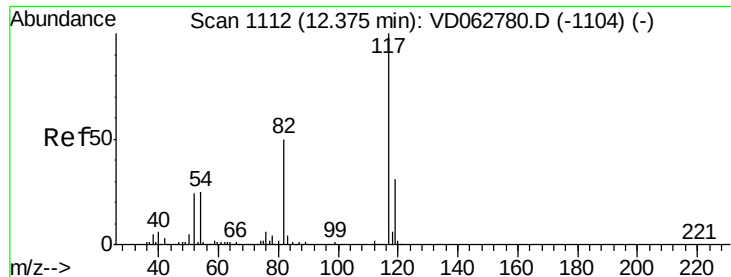
#62
4-Bromofluorobenzene
Concen: 35.405 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062796.D
Acq: 20 Jun 2019 16:15

Tgt Ion: 95 Resp: 225796
Ion Ratio Lower Upper
95 100
174 97.4 0.0 158.0
176 96.4 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

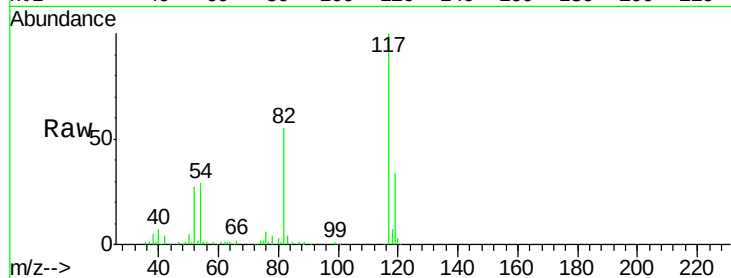




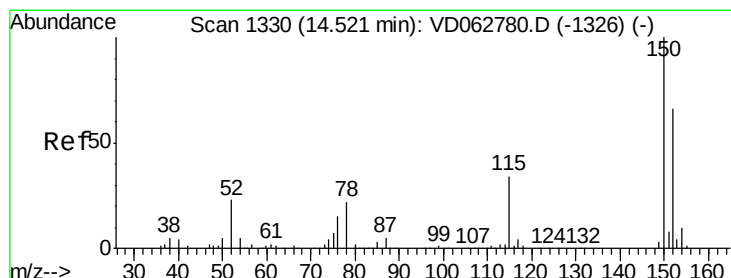
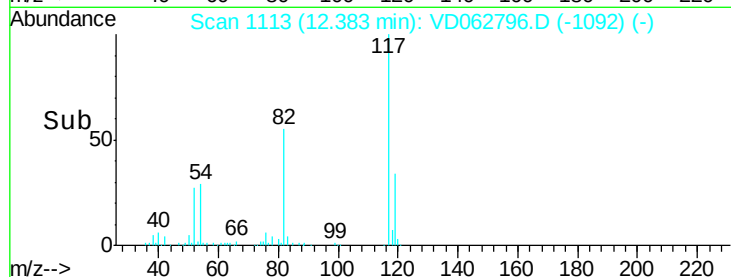
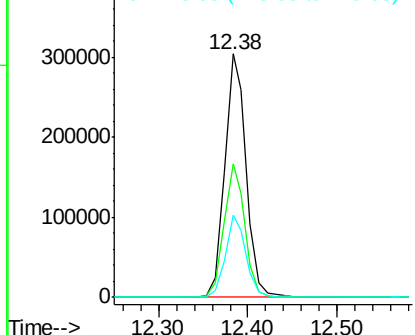
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD062796.D
Acq: 20 Jun 2019 16:15

Instrument :
MSVOA_D
ClientSampleId :
JUNCTIONRE

Tot Ion:117 Resp: 513572
Ion Ratio Lower Upper
117 100
82 55.0 40.4 60.6
119 33.8 25.2 37.8

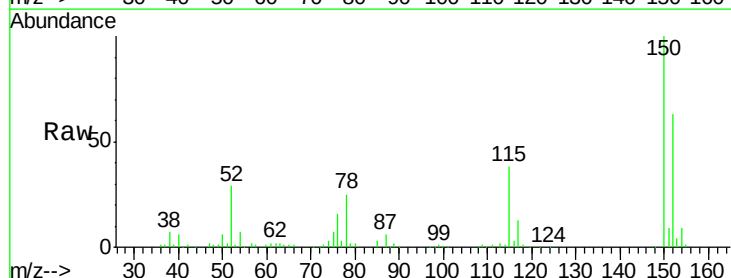


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062796.D
Acq: 20 Jun 2019 16:15

Tgt Ion:152 Resp: 179227
Ion Ratio Lower Upper
152 100
115 60.9 29.2 87.6
150 159.6 0.0 305.8



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

