

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
 Data File : VD063632.D
 Acq On : 16 Aug 2019 12:38
 Operator : JC/SY
 Sample : K4356-03RE
 Misc : 2.39g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2RE

Quant Time: Aug 17 06:43:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

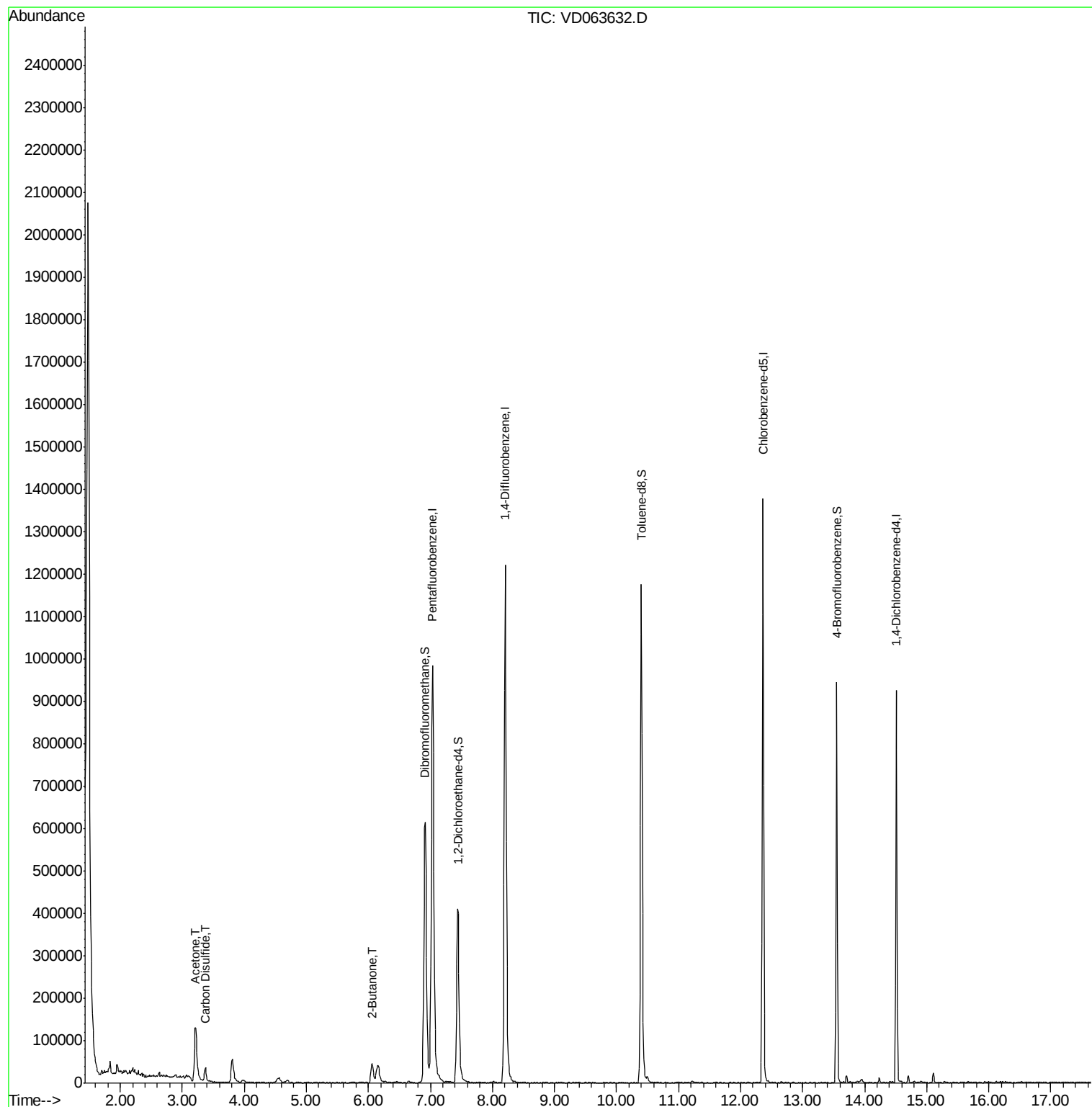
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	940163	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1264024	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	754939	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	211062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	473735	47.14	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	94.28%	
35) Dibromofluoromethane	6.91	113	552913	51.94	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	103.88%	
50) Toluene-d8	10.40	98	980307	41.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.76%	
62) 4-Bromofluorobenzene	13.55	95	266159	25.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.18%	
Target Compounds						
16) Acetone	3.21	43	283117	138.587	ug/l	94
17) Carbon Disulfide	3.37	76	56025	2.337	ug/l	99
25) 2-Butanone	6.06	43	94211	46.694	ug/l	97

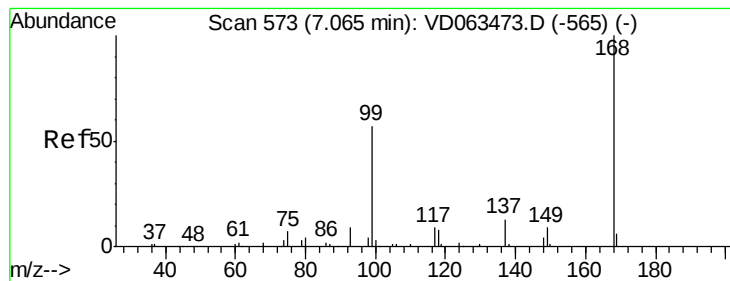
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
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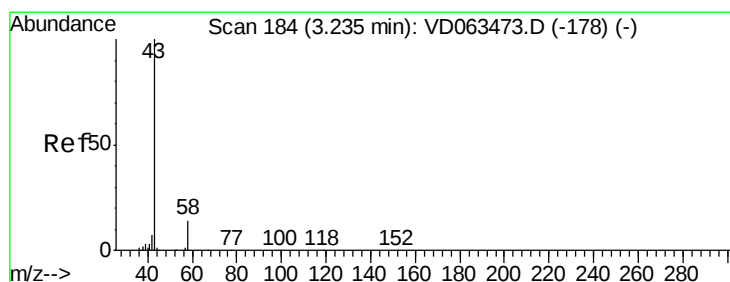
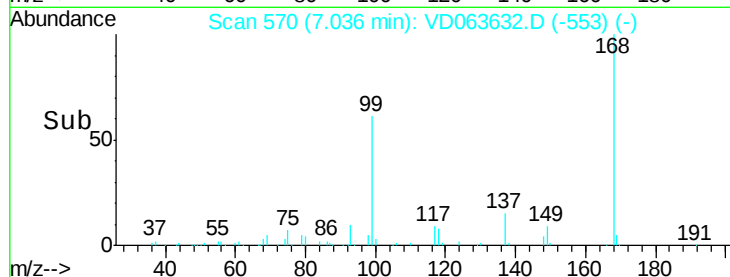
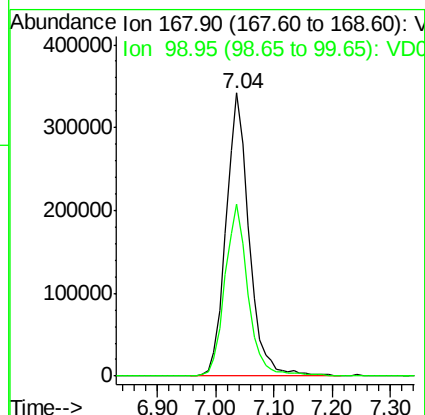
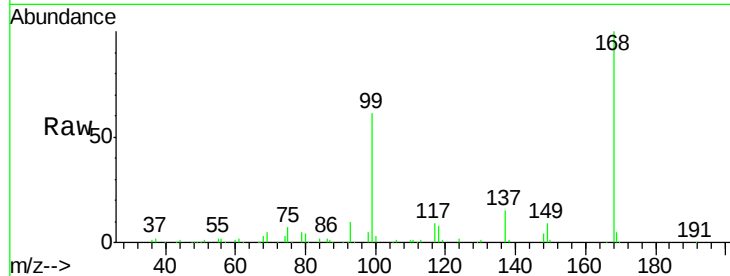




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.03 min
Lab File: VD063632.D
Acq: 16 Aug 2019 12:38

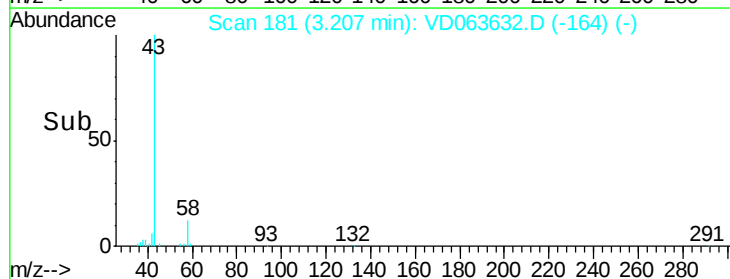
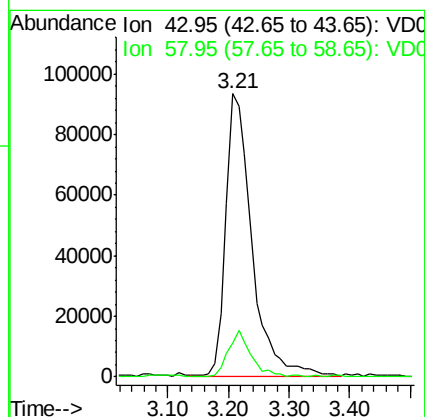
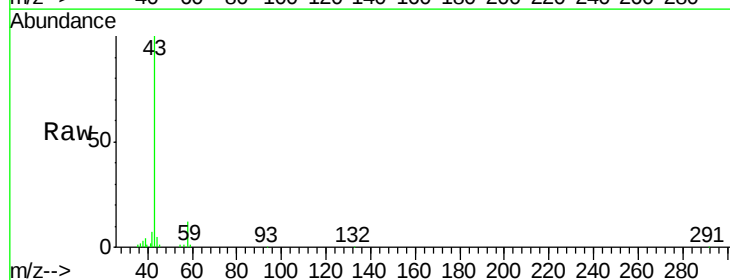
Instrument :
MSVOA_D
ClientSampleId :
TP-2RE

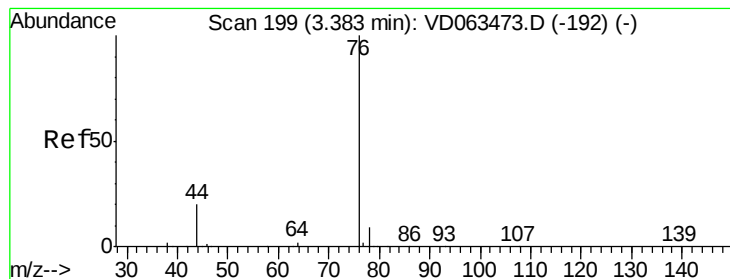
Tot Ion:168 Resp: 940163
Ion Ratio Lower Upper
168 100
99 60.8 46.7 70.1



#16
Acetone
Concen: 138.587 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.03 min
Lab File: VD063632.D
Acq: 16 Aug 2019 12:38

Tgt Ion: 43 Resp: 283117
Ion Ratio Lower Upper
43 100
58 12.0 11.4 17.2





#17

Carbon Disulfide

Concen: 2.337 ug/l

RT: 3.37 min Scan# 198

Delta R.T. -0.01 min

Lab File: VD063632.D

Acq: 16 Aug 2019 12:38

Instrument :

MSVOA_D

ClientSampleId :

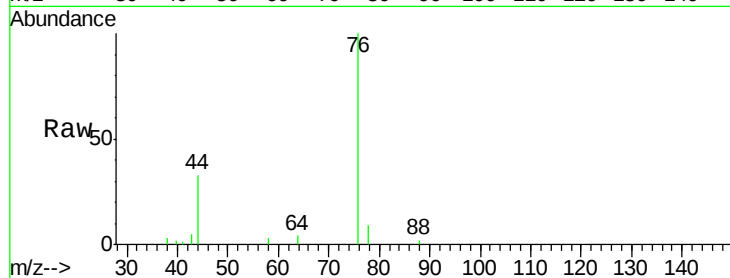
TP-2RE

Tot Ion: 76 Resp: 56025

Ion Ratio Lower Upper

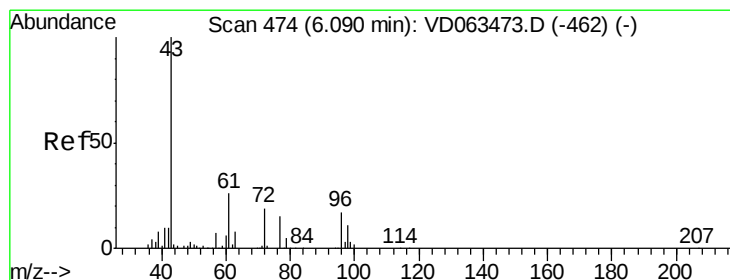
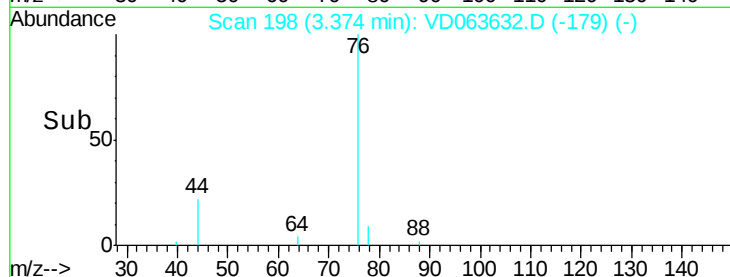
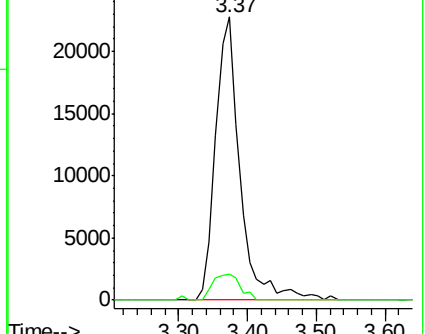
76 100

78 9.4 7.4 11.0



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#25

2-Butanone

Concen: 46.694 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.03 min

Lab File: VD063632.D

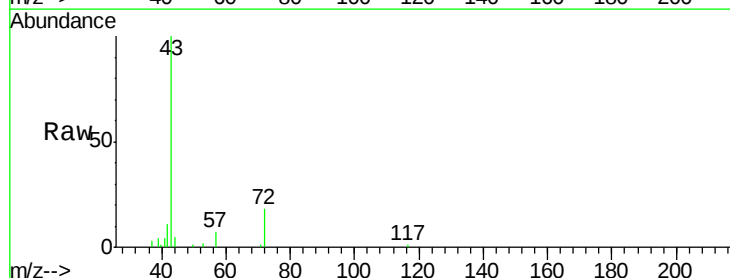
Acq: 16 Aug 2019 12:38

Tgt Ion: 43 Resp: 94211

Ion Ratio Lower Upper

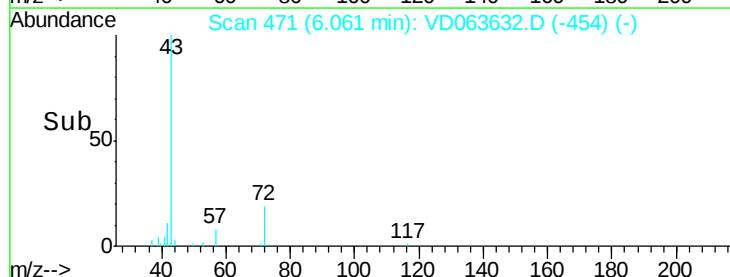
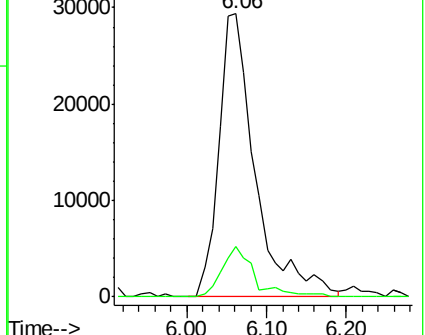
43 100

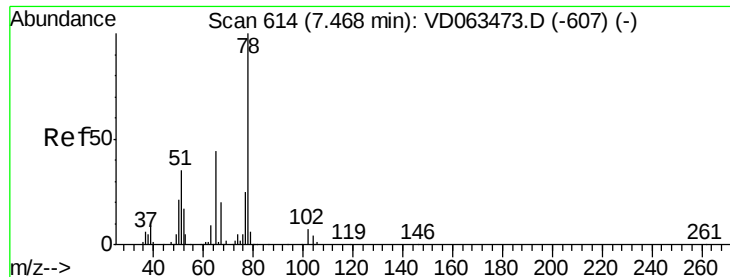
72 17.7 15.1 22.7



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: 47.140 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063632.D

Acq: 16 Aug 2019 12:38

Instrument :

MSVOA_D

ClientSampleId :

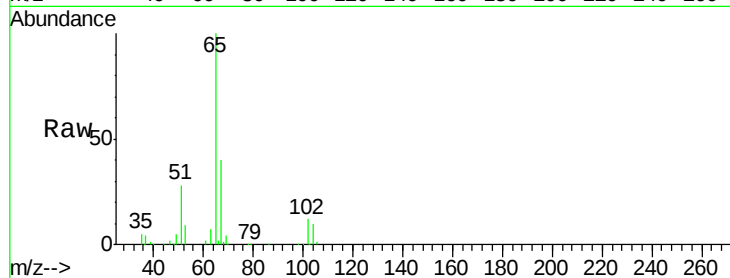
TP-2RE

Tot Ion: 65 Resp: 473735

Ion Ratio Lower Upper

65 100

67 40.4 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

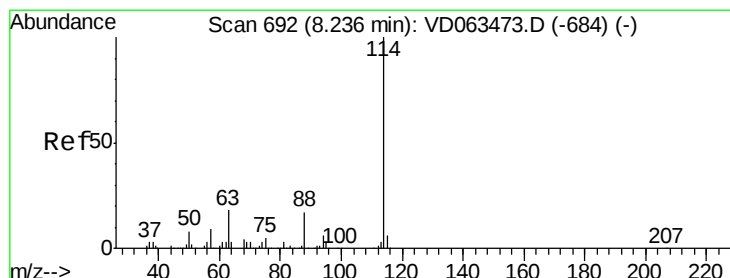
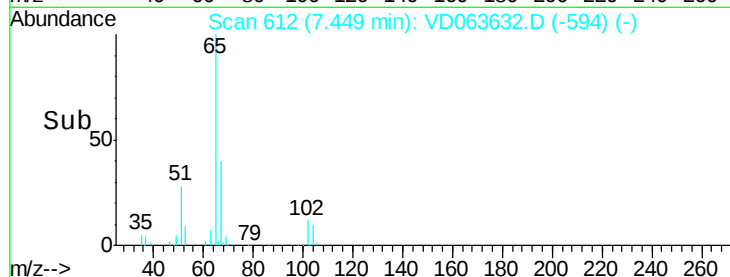
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063632.D

Acq: 16 Aug 2019 12:38

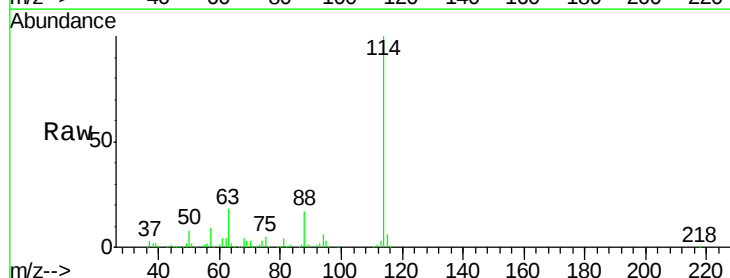
Tgt Ion: 114 Resp: 1264024

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.2

88 16.9 0.0 35.0



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

8.21

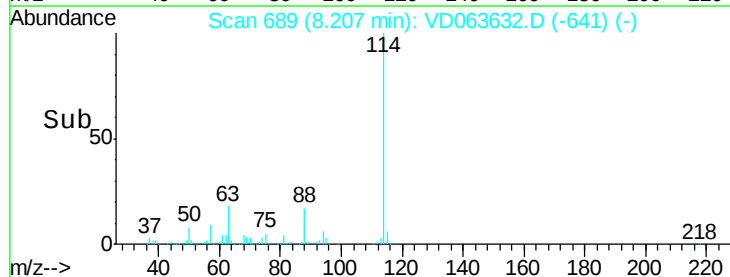
600000

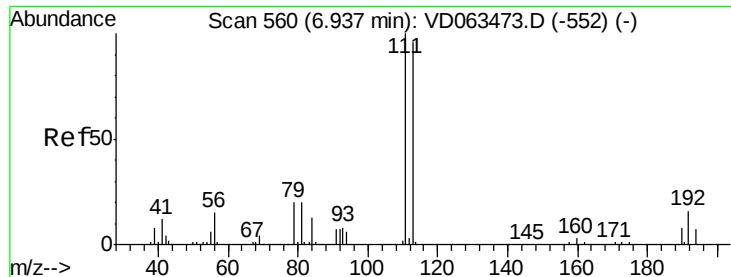
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 51.938 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063632.D

Acq: 16 Aug 2019 12:38

Instrument :

MSVOA_D

ClientSampleId :

TP-2RE

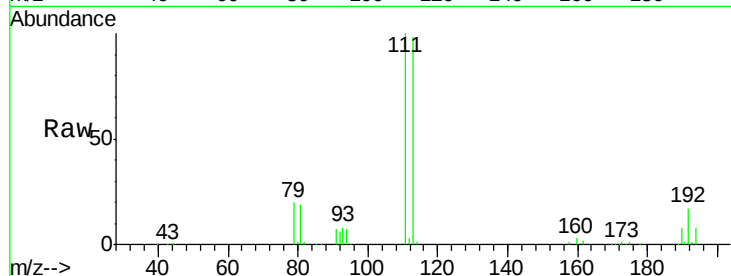
Tot Ion:113 Resp: 552913

Ion Ratio Lower Upper

113 100

111 102.3 83.1 124.7

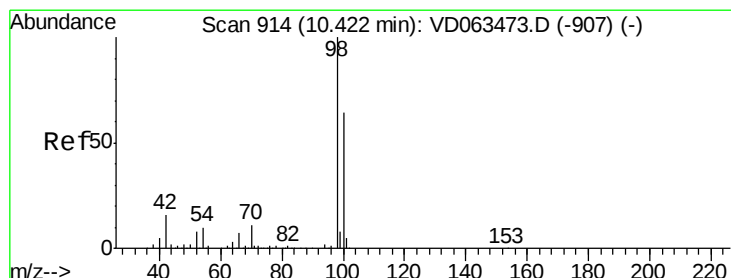
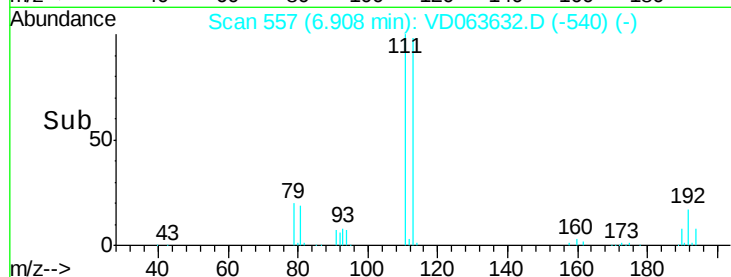
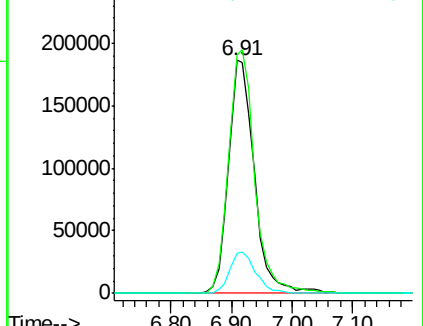
192 17.1 13.1 19.7



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: 41.884 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063632.D

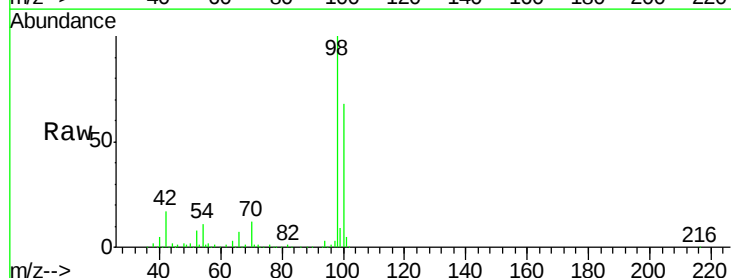
Acq: 16 Aug 2019 12:38

Tgt Ion: 98 Resp: 980307

Ion Ratio Lower Upper

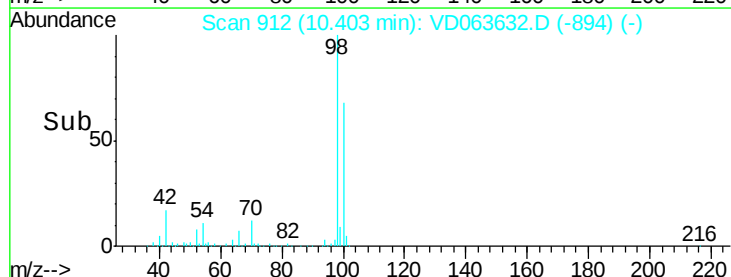
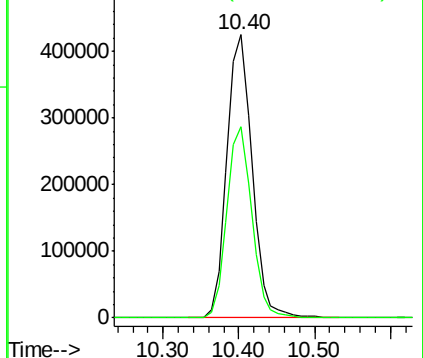
98 100

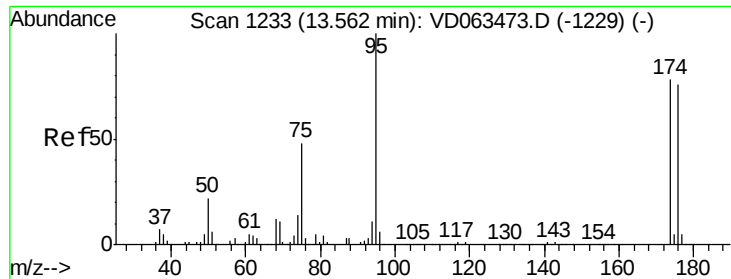
100 67.5 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

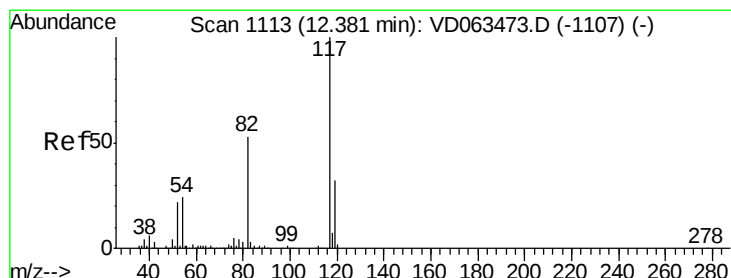
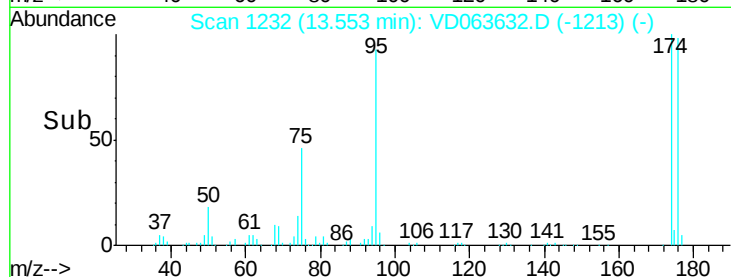
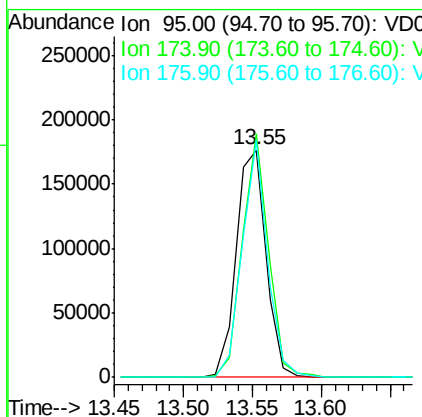
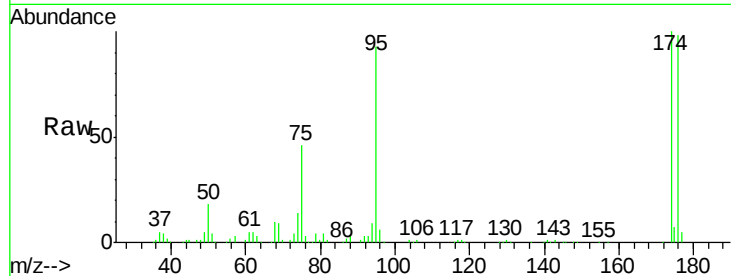




#62
4-Bromofluorobenzene
Concen: 25.090 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063632.D
Acq: 16 Aug 2019 12:38

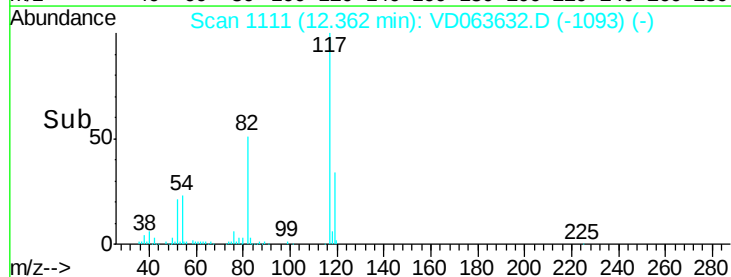
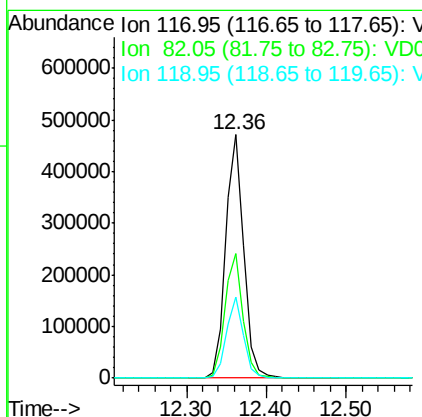
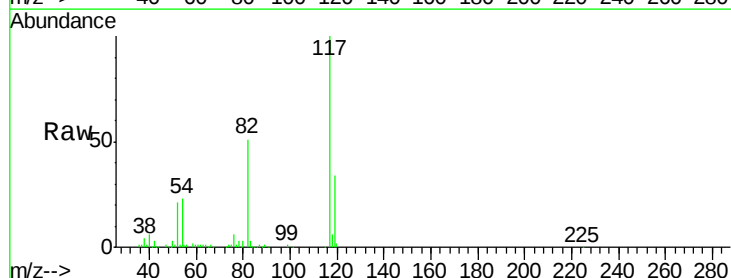
Instrument :
MSVOA_D
ClientSampled :
TP-2RE

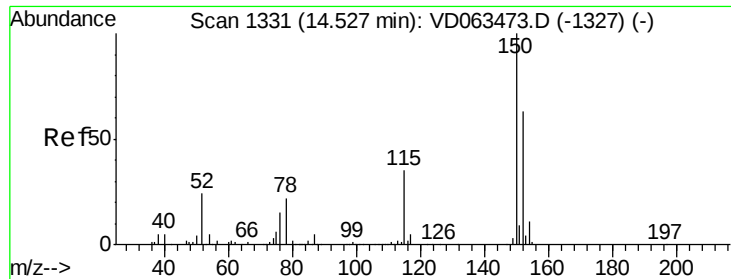
Tot Ion: 95 Resp: 266159
Ion Ratio Lower Upper
95 100
174 107.1 0.0 155.4
176 104.5 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063632.D
Acq: 16 Aug 2019 12:38

Tgt Ion: 117 Resp: 754939
Ion Ratio Lower Upper
117 100
82 51.3 42.0 63.0
119 33.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063632.D

Acq: 16 Aug 2019 12:38

Instrument :

MSVOA_D

ClientSampleId :

TP-2RE

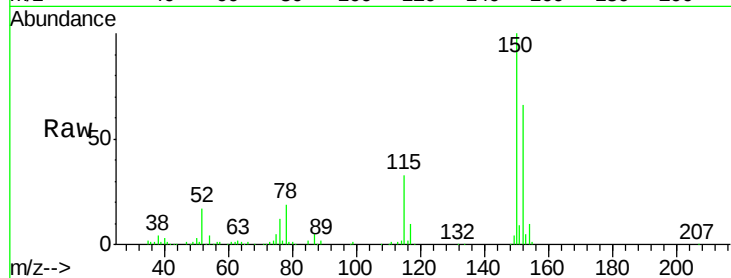
Tot Ion:152 Resp: 211062

Ion Ratio Lower Upper

152 100

115 50.8 30.9 92.7

150 152.2 0.0 318.6



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

