

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061219\
 Data File : VD062681.D
 Acq On : 12 Jun 2019 18:25
 Operator : VA/AP
 Sample : K3294-01RE
 Misc : 4.72g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S1(0-5)RE

Quant Time: Jun 13 08:07:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

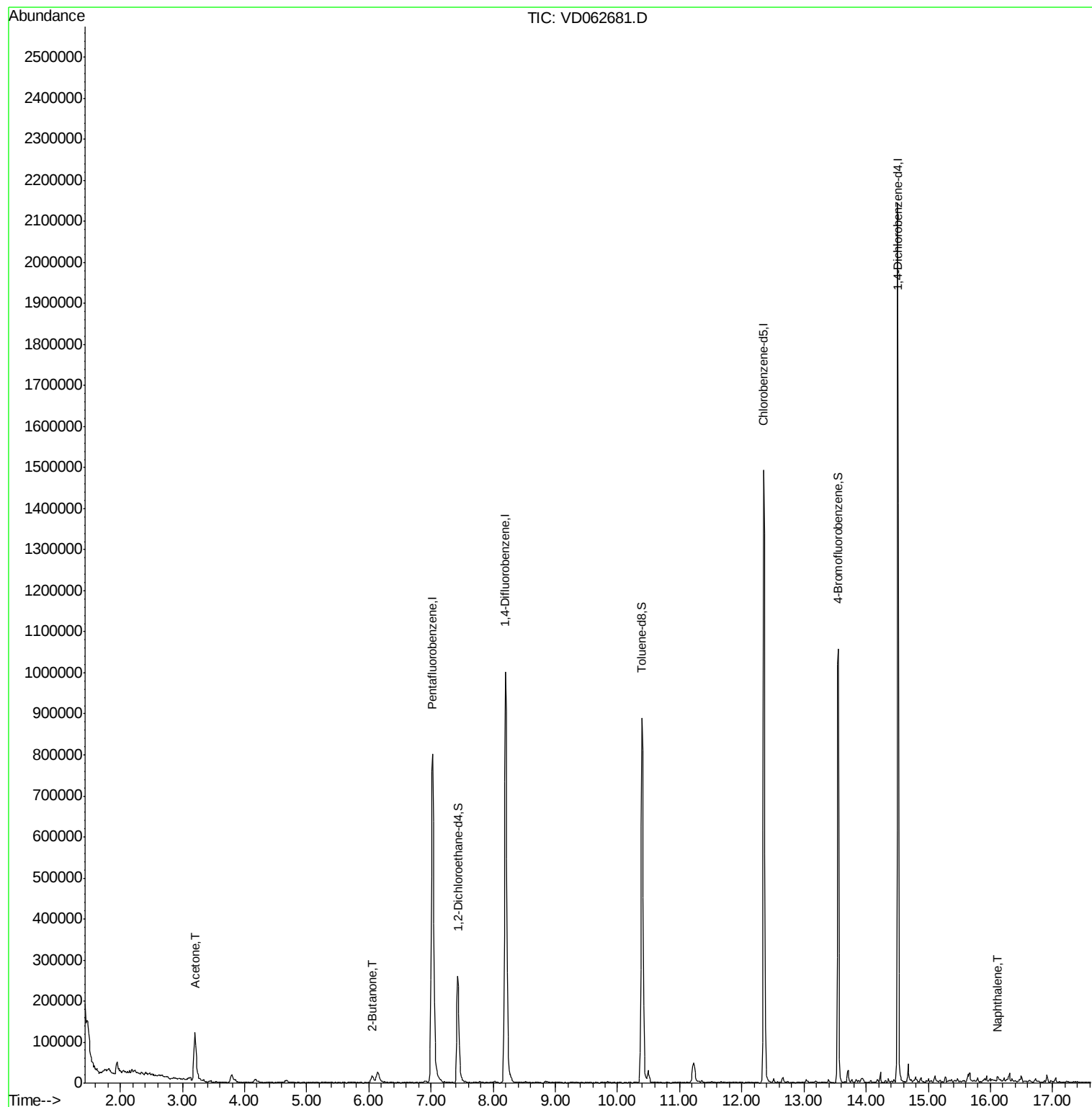
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	775037	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	1064411	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	817694	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	442115	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	302969	27.09	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	54.18%	
35) Dibromofluoromethane	6.91	113	1789	0.16	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	0.32%	
50) Toluene-d8	10.39	98	725738	30.73	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	61.46%	
62) 4-Bromofluorobenzene	13.54	95	323484	29.36	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	58.72%	
Target Compounds						
16) Acetone	3.21	43	250293	122.218	ug/l	95
25) 2-Butanone	6.05	43	36416	18.227	ug/l #	78
95) Naphthalene	16.12	128	7732	3.898	ug/l	98

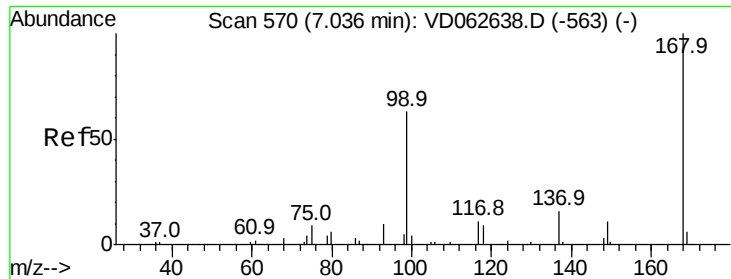
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD062681.D

Acq: 12 Jun 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

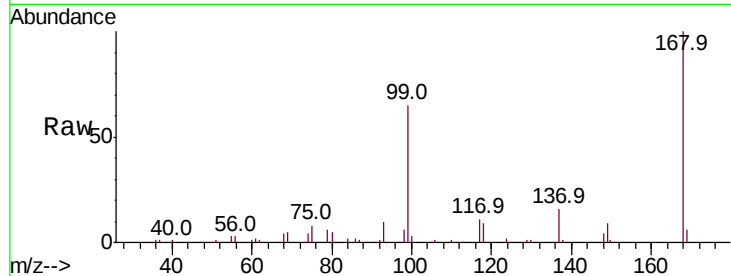
S1(0-5)RE

Tot Ion:168 Resp: 775037

Ion Ratio Lower Upper

168 100

99 65.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

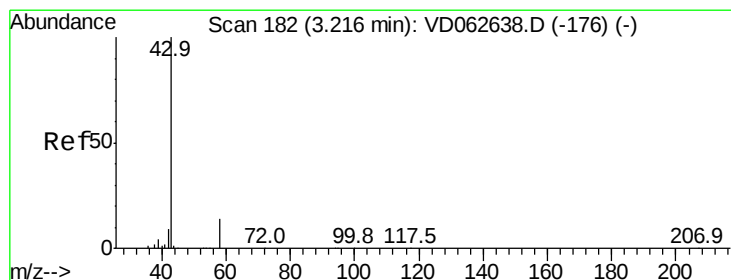
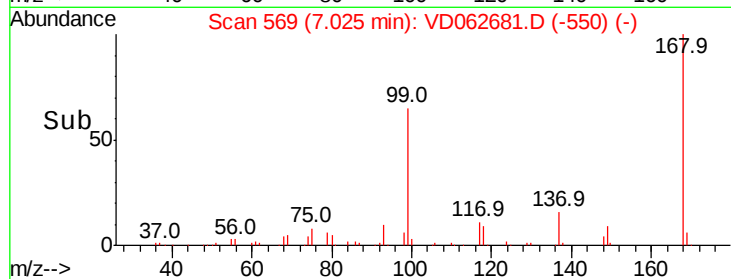
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 122.218 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD062681.D

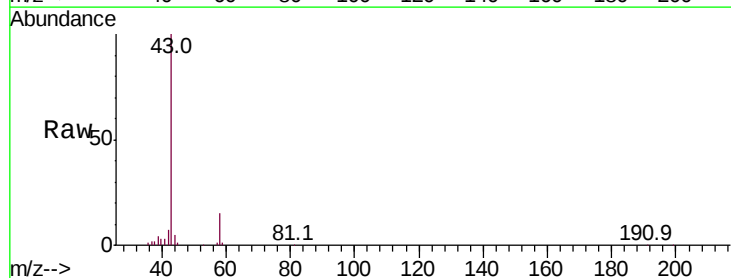
Acq: 12 Jun 2019 18:25

Tgt Ion: 43 Resp: 250293

Ion Ratio Lower Upper

43 100

58 15.4 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

100000

80000

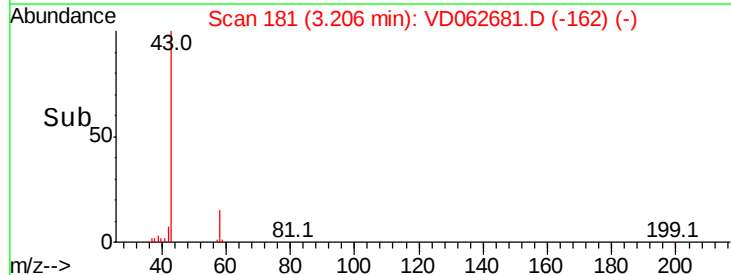
60000

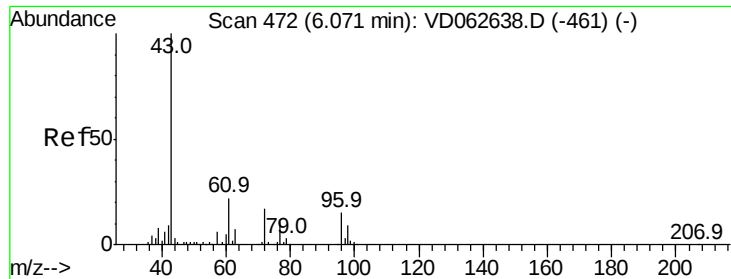
40000

20000

0

Time-->





#25

2-Butanone

Concen: 18.227 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.02 min

Lab File: VD062681.D

Acq: 12 Jun 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

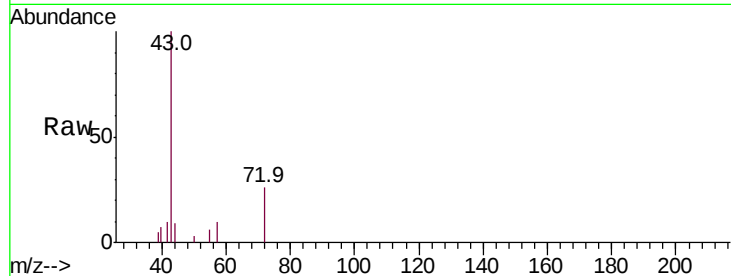
S1(0-5)RE

Tot Ion: 43 Resp: 36416

Ion Ratio Lower Upper

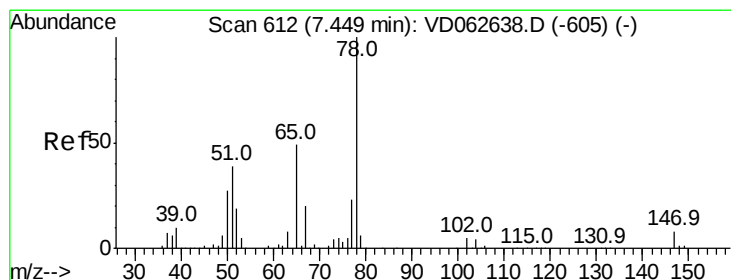
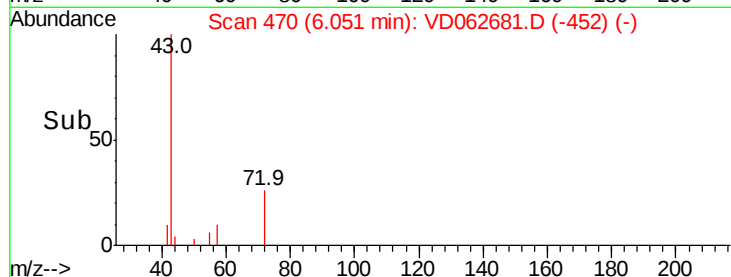
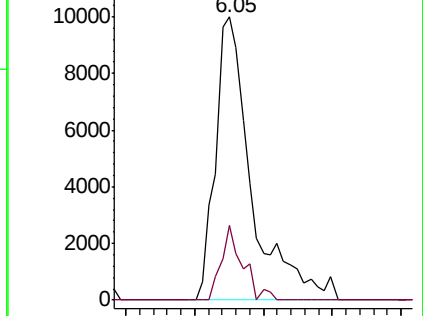
43 100

72 26.3 13.5 20.3#



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: 27.090 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.02 min

Lab File: VD062681.D

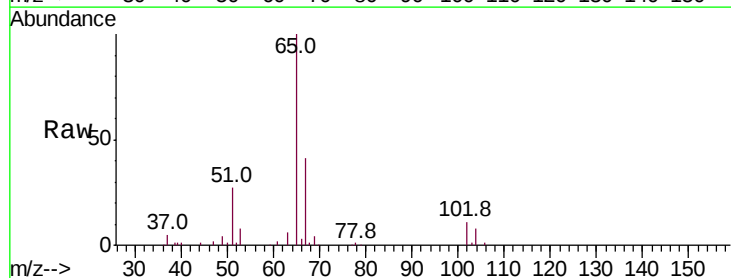
Acq: 12 Jun 2019 18:25

Tgt Ion: 65 Resp: 302969

Ion Ratio Lower Upper

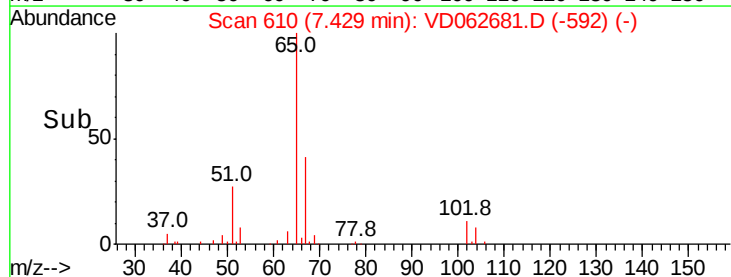
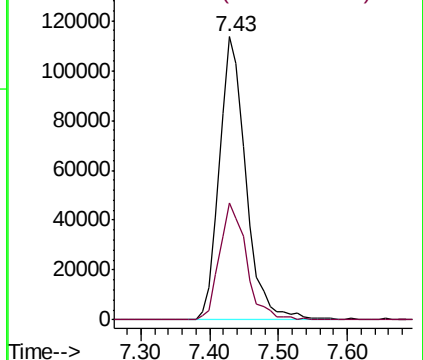
65 100

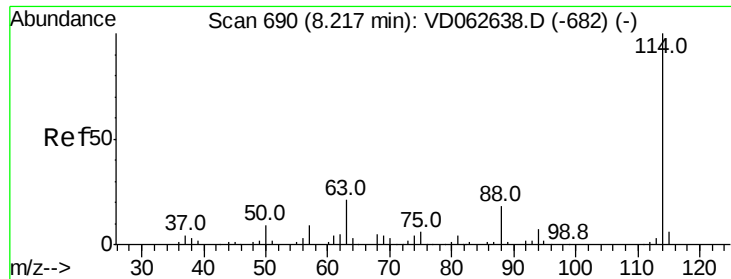
67 41.3 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

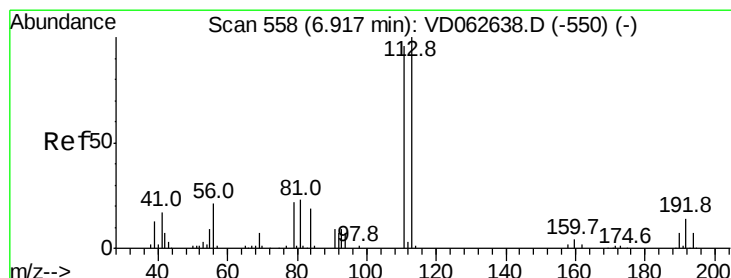
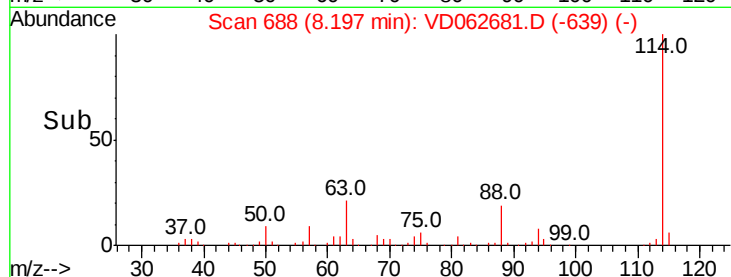
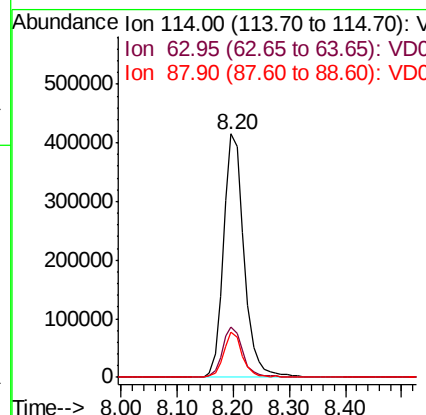
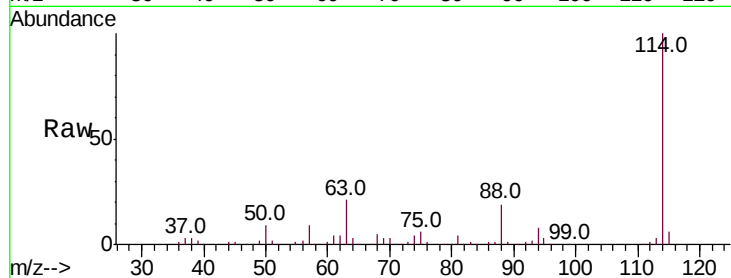




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: VD062681.D
 Acq: 12 Jun 2019 18:25

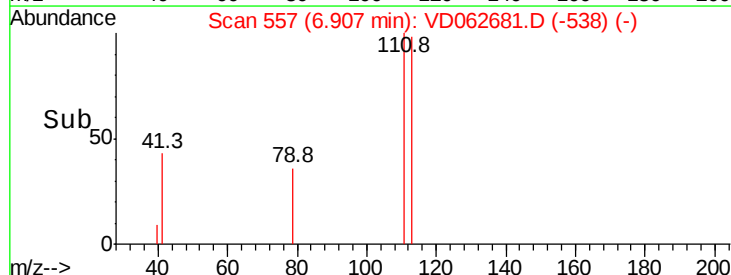
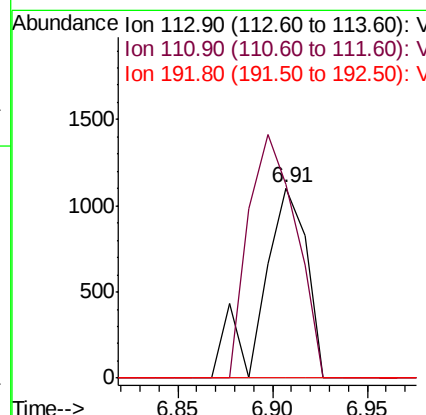
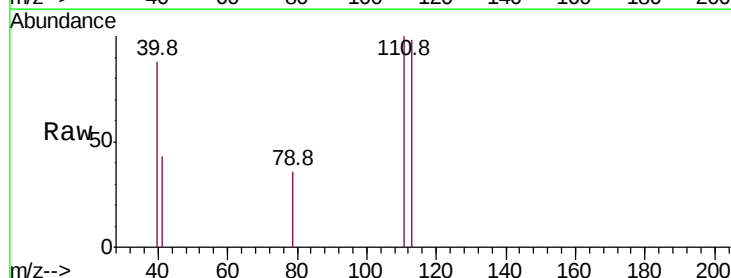
Instrument :
 MSVOA_D
 ClientSampleId :
 S1(0-5)RE

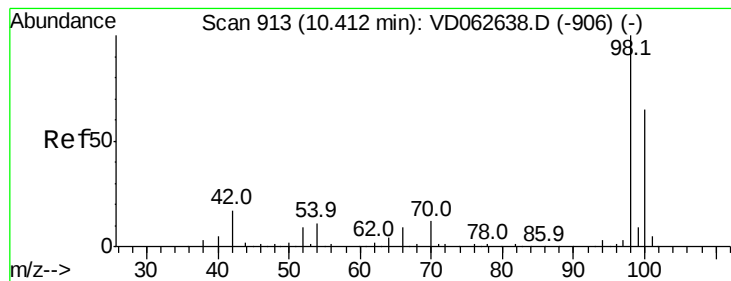
Tot Ion:114 Resp: 1064411
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 18.6 0.0 36.8



#35
 Dibromofluoromethane
 Concen: 0.159 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD062681.D
 Acq: 12 Jun 2019 18:25

Tgt Ion:113 Resp: 1789
 Ion Ratio Lower Upper
 113 100
 111 102.2 76.4 114.6
 192 0.0 11.4 17.0#





#50

Toluene-d8

Concen: 30.732 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.02 min

Lab File: VD062681.D

Acq: 12 Jun 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

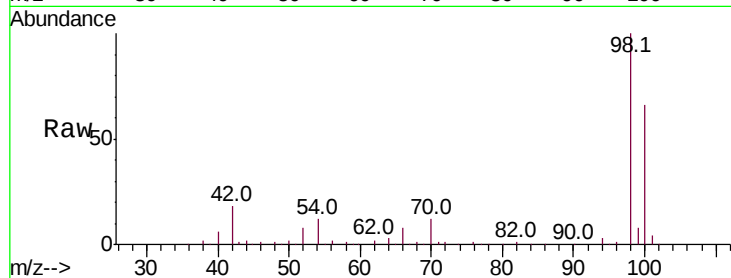
S1(0-5)RE

Tot Ion: 98 Resp: 725738

Ion Ratio Lower Upper

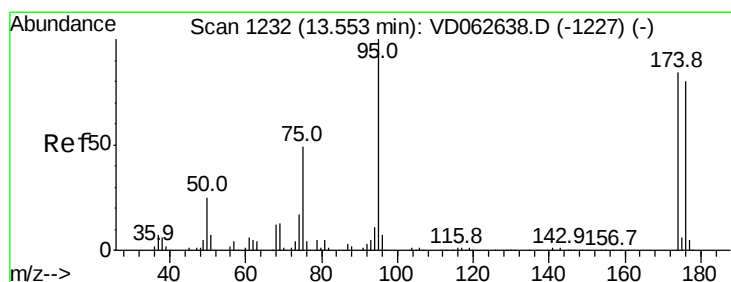
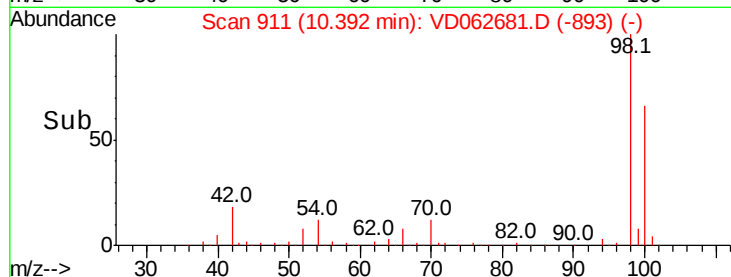
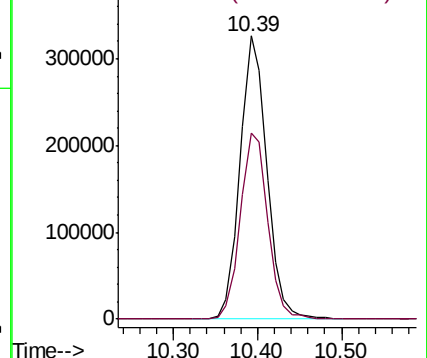
98 100

100 65.8 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 29.362 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062681.D

Acq: 12 Jun 2019 18:25

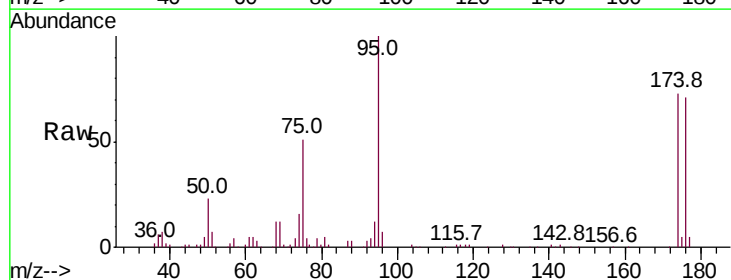
Tgt Ion: 95 Resp: 323484

Ion Ratio Lower Upper

95 100

174 72.5 0.0 167.0

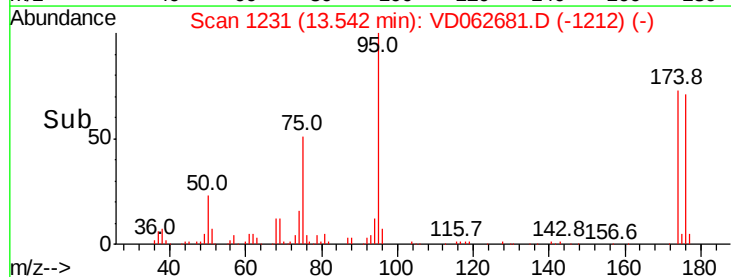
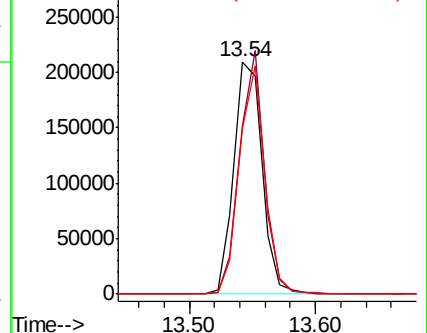
176 71.0 0.0 159.2

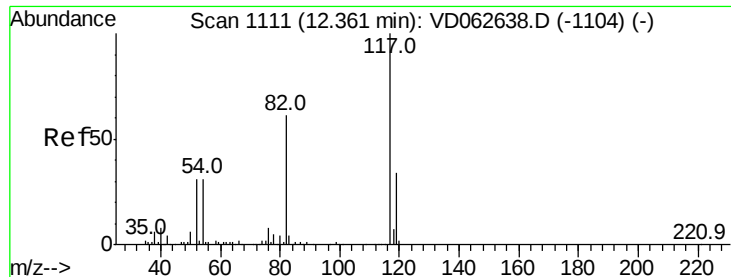


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

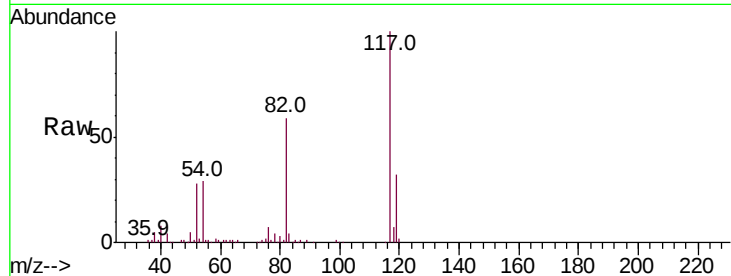




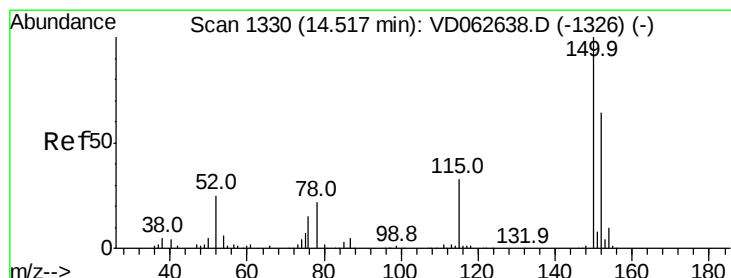
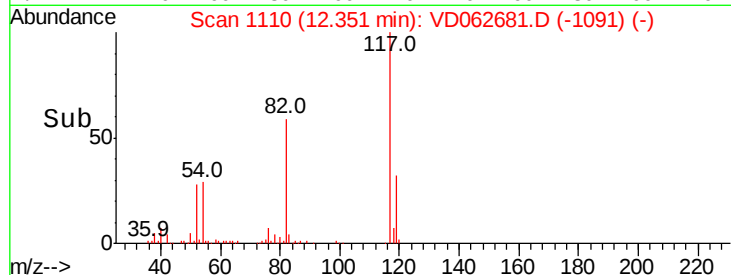
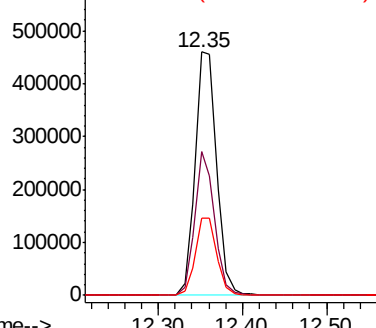
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062681.D
Acq: 12 Jun 2019 18:25

Instrument :
MSVOA_D
ClientSampleId :
S1(0-5)RE

Tot Ion:117 Resp: 817694
Ion Ratio Lower Upper
117 100
82 58.9 48.7 73.1
119 31.6 27.0 40.6

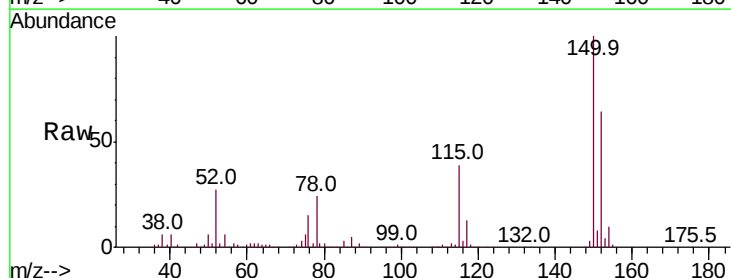


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

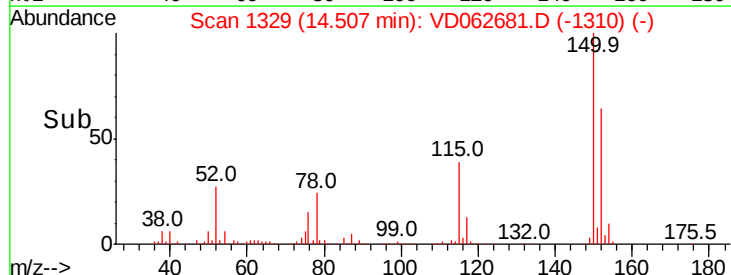
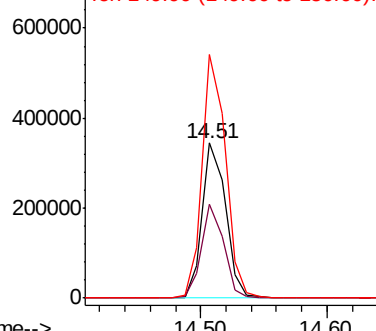


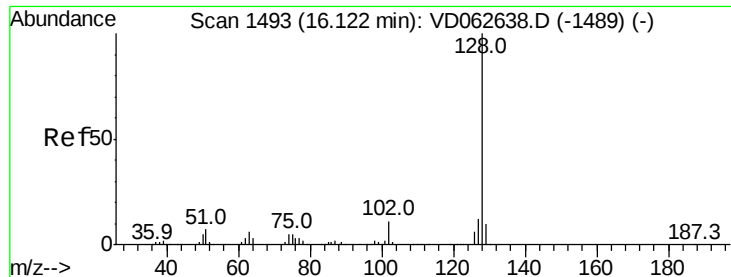
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062681.D
Acq: 12 Jun 2019 18:25

Tgt Ion:152 Resp: 442115
Ion Ratio Lower Upper
152 100
115 60.7 30.1 90.5
150 156.9 0.0 314.0



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





#95

Naphthalene

Concen: 3.898 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD062681.D

Acq: 12 Jun 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

S1(0-5)RE

Tot Ion:128 Resp: 7732

Ion Ratio Lower Upper

128 100

127 11.5 9.7 14.5

129 9.0 8.1 12.1

