

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061527.D
 Acq On : 2 Apr 2019 21:12
 Operator : VA/AP
 Sample : K2182-19RE
 Misc : 4.99g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S7C(16)RE

Quant Time: Apr 03 08:56:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

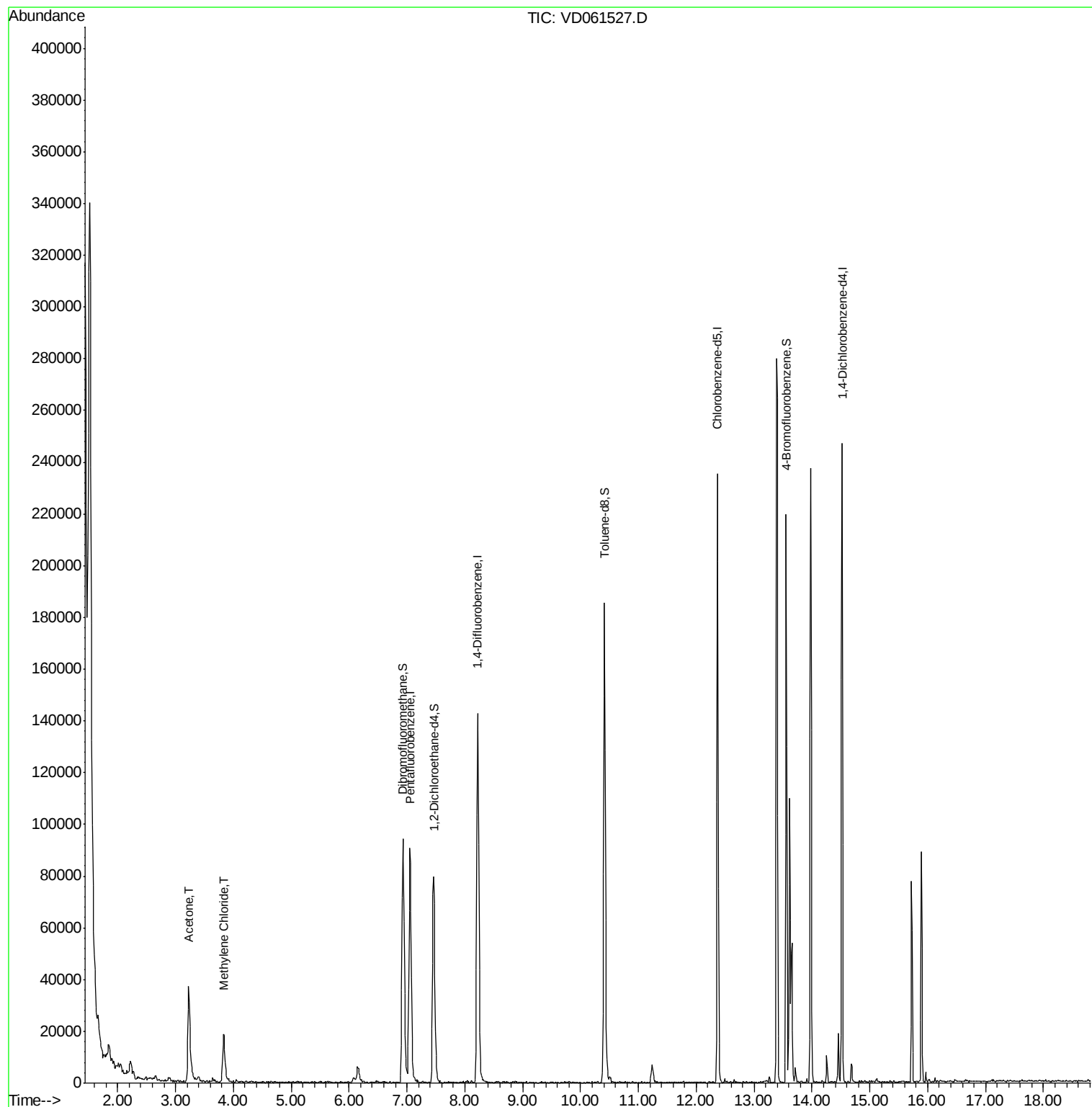
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	98389	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.22	114	183261	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	148070	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	55060	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	84098	100.06	ug/l	0.03
Spiked Amount 50.000			Recovery	=	200.12%	
35) Dibromofluoromethane	6.93	113	90317	64.49	ug/l	0.03
Spiked Amount 50.000			Recovery	=	128.98%	
50) Toluene-d8	10.41	98	157645	46.93	ug/l	0.03
Spiked Amount 50.000			Recovery	=	93.86%	
62) 4-Bromofluorobenzene	13.55	95	66153	51.36	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.72%	
Target Compounds						
16) Acetone	3.23	43	73626	340.768	ug/l	99
20) Methylene Chloride	3.84	84	15890	11.656	ug/l	97

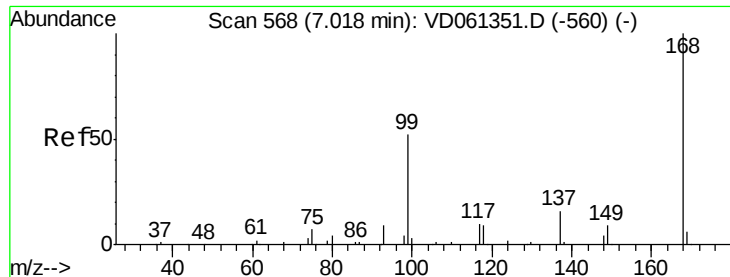
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.04 min

Lab File: VD061527.D

Acq: 2 Apr 2019 21:12

Instrument :

MSVOA_D

ClientSampleId :

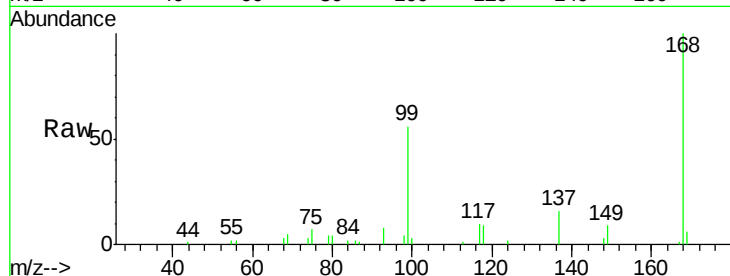
S7C(16)RE

Tot Ion:168 Resp: 98389

Ion Ratio Lower Upper

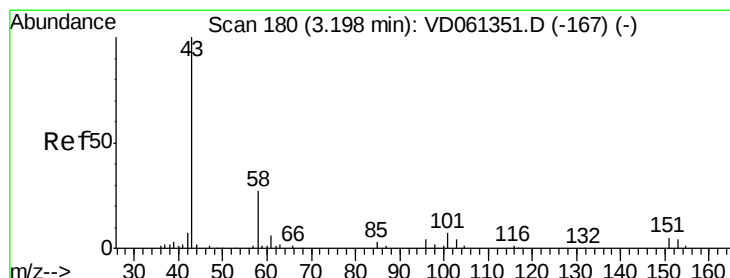
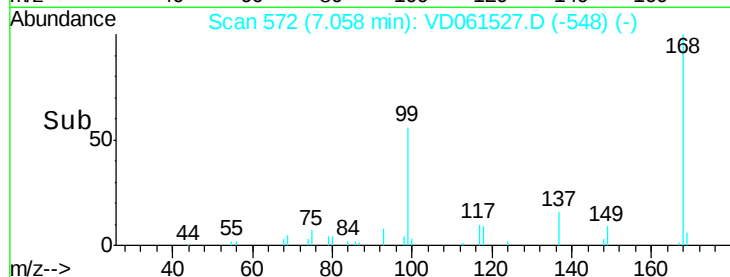
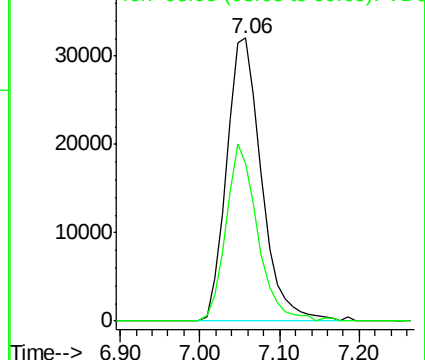
168 100

99 55.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 340.768 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061527.D

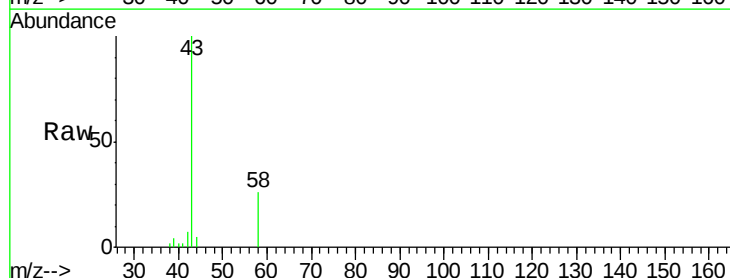
Acq: 2 Apr 2019 21:12

Tgt Ion: 43 Resp: 73626

Ion Ratio Lower Upper

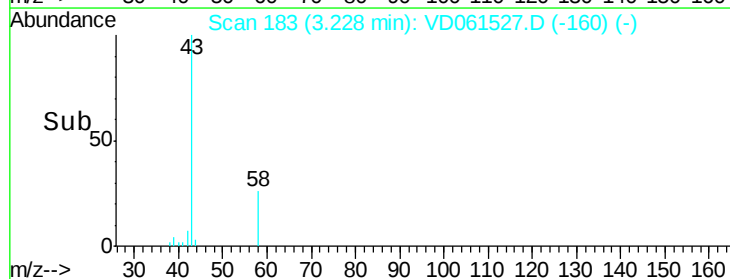
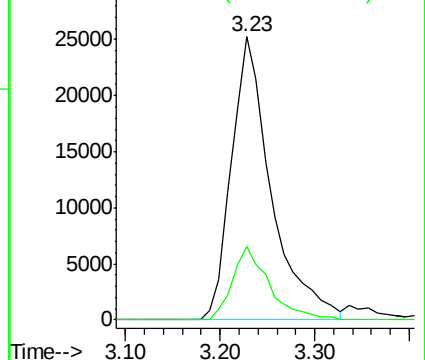
43 100

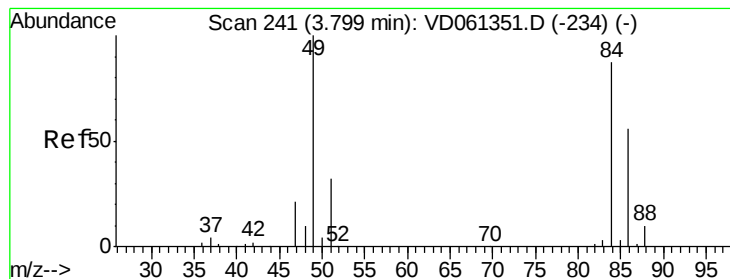
58 26.1 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 11.656 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD061527.D

Acq: 2 Apr 2019 21:12

Instrument :

MSVOA_D

ClientSampleId :

S7C(16)RE

Tot Ion: 84 Resp: 15890

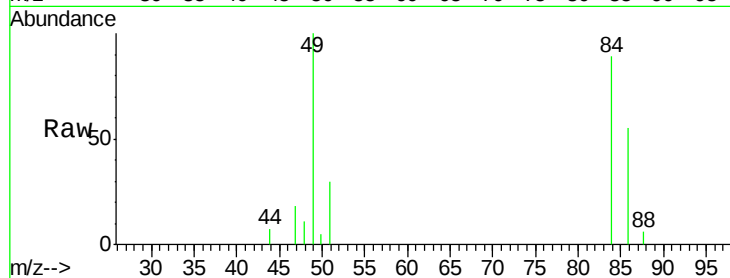
Ion Ratio Lower Upper

84 100

49 112.0 91.8 137.8

51 34.1 29.8 44.8

86 61.9 51.8 77.6

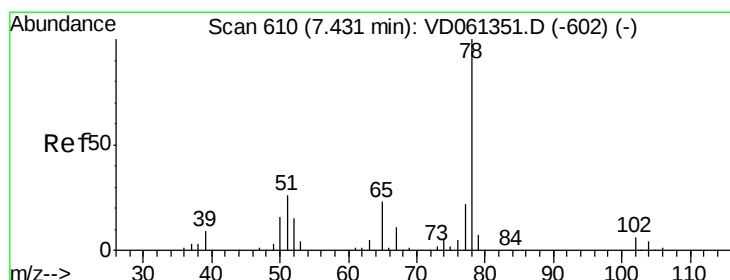
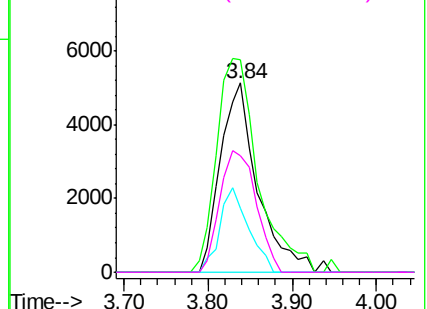
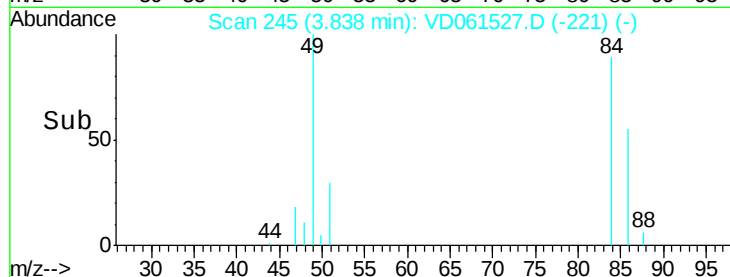


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD061527.D

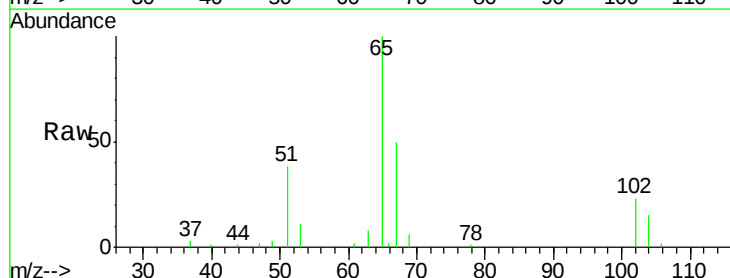
Acq: 2 Apr 2019 21:12

Tgt Ion: 65 Resp: 84098

Ion Ratio Lower Upper

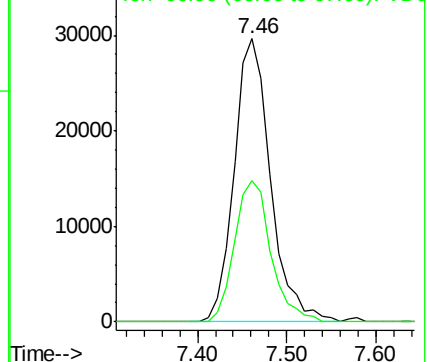
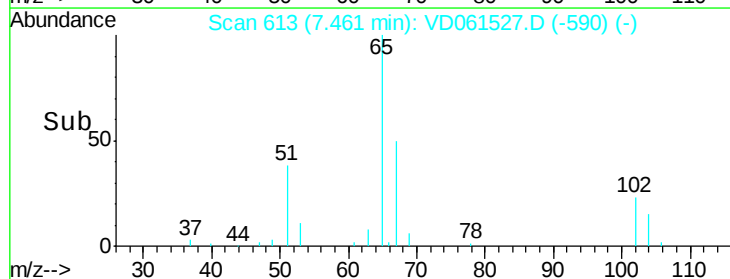
65 100

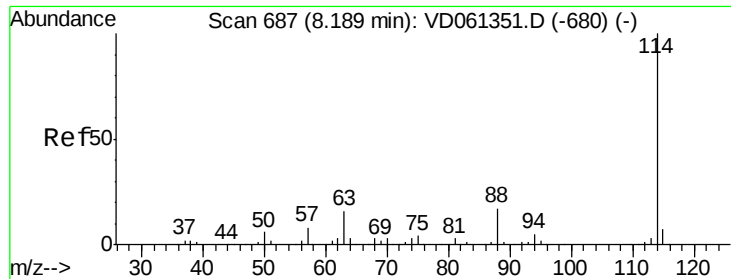
67 50.1 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

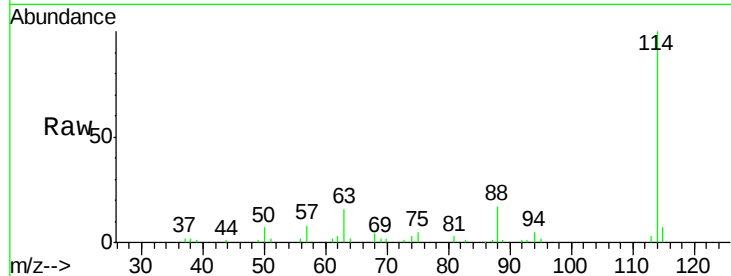




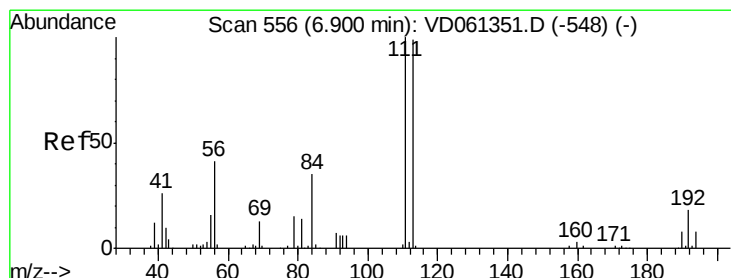
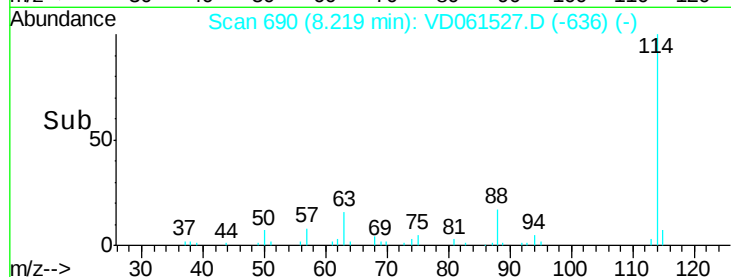
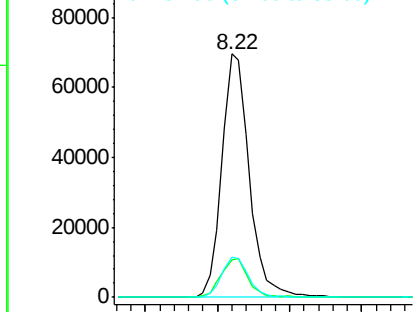
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061527.D
 Acq: 2 Apr 2019 21:12

Instrument :
 MSVOA_D
 ClientSampleId :
 S7C(16)RE

Tot Ion:114 Resp: 183261
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 31.6
 88 16.6 0.0 33.4

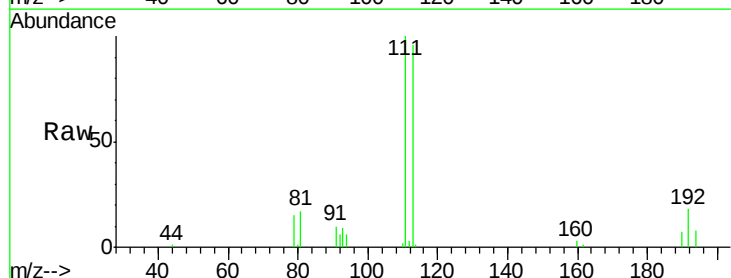


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

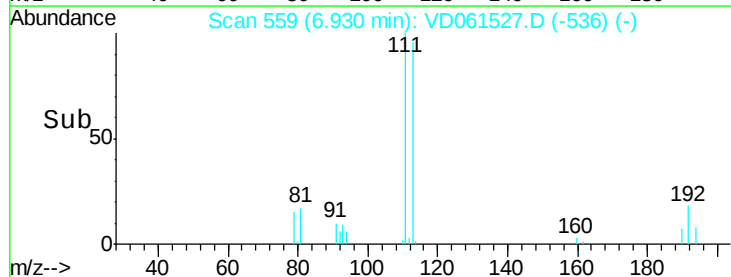
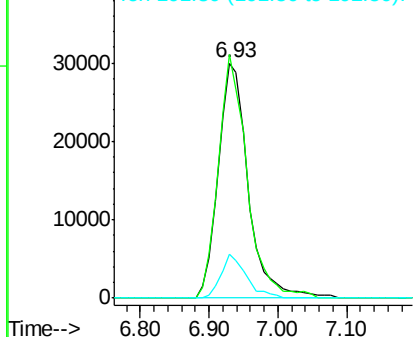


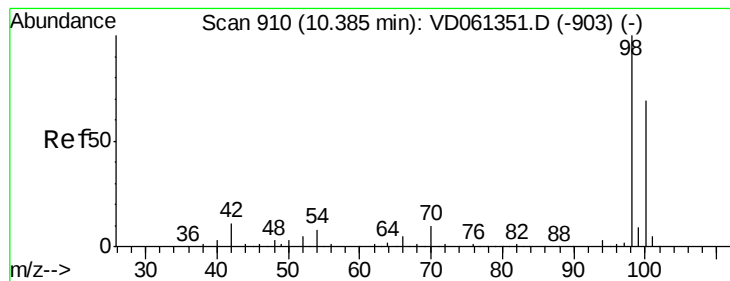
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD061527.D
 Acq: 2 Apr 2019 21:12

Tgt Ion:113 Resp: 90317
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.0 121.6
 192 18.6 14.4 21.6



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: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.03 min

Lab File: VD061527.D

Acq: 2 Apr 2019 21:12

Instrument :

MSVOA_D

ClientSampleId :

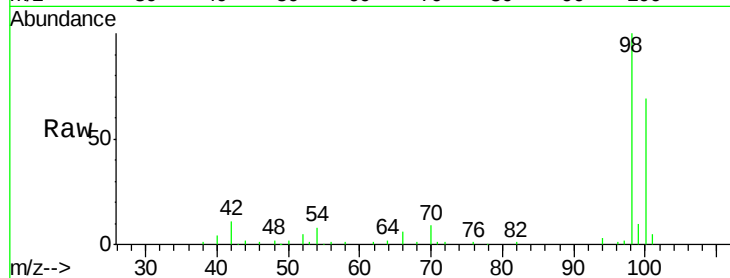
S7C(16)RE

Tot Ion: 98 Resp: 157645

Ion Ratio Lower Upper

98 100

100 68.9 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

10.41

80000

60000

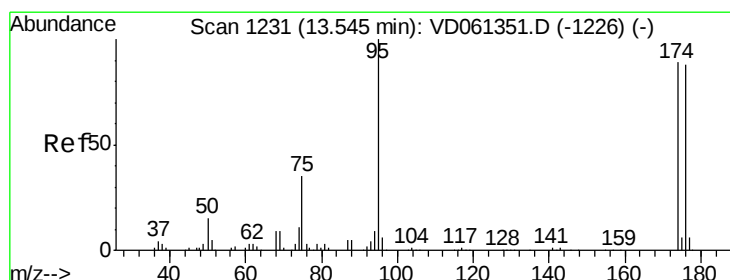
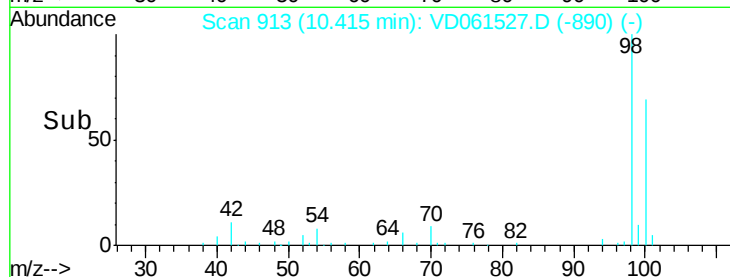
40000

20000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061527.D

Acq: 2 Apr 2019 21:12

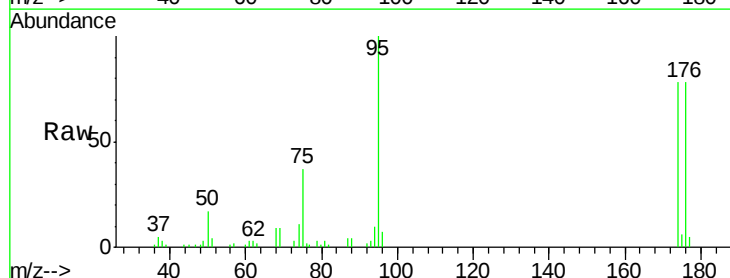
Tgt Ion: 95 Resp: 66153

Ion Ratio Lower Upper

95 100

174 78.2 0.0 178.0

176 78.1 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

13.55

60000

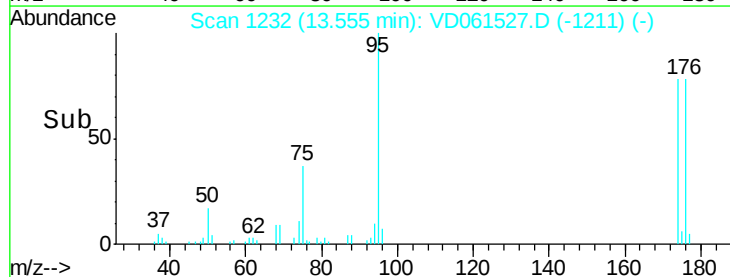
40000

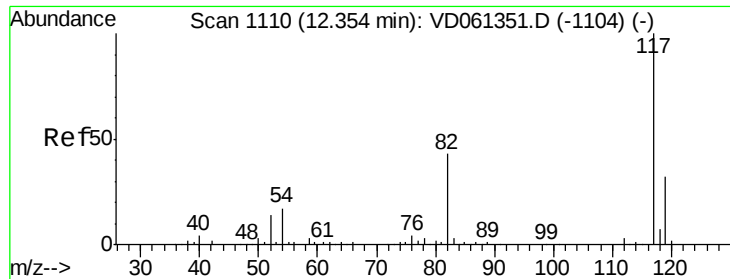
20000

0

13.50 13.55 13.60

Time-->

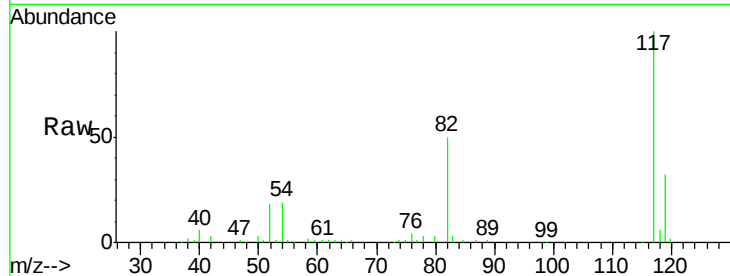




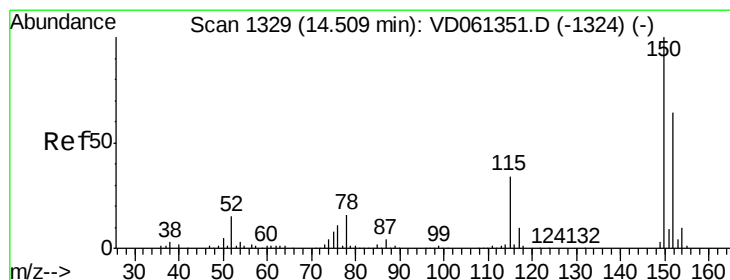
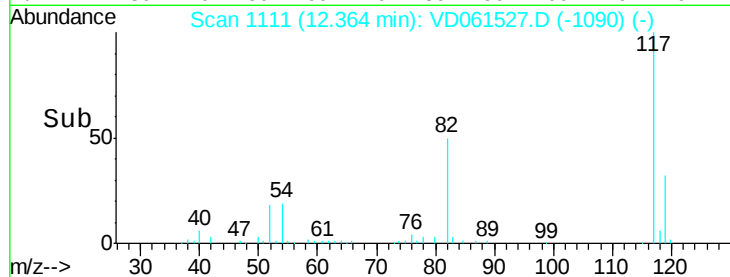
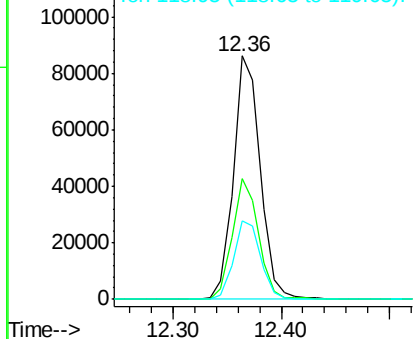
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061527.D
Acq: 2 Apr 2019 21:12

Instrument :
MSVOA_D
ClientSampleId :
S7C(16)RE

Tot Ion:117 Resp: 148070
Ion Ratio Lower Upper
117 100
82 49.7 34.4 51.6
119 32.2 25.8 38.6

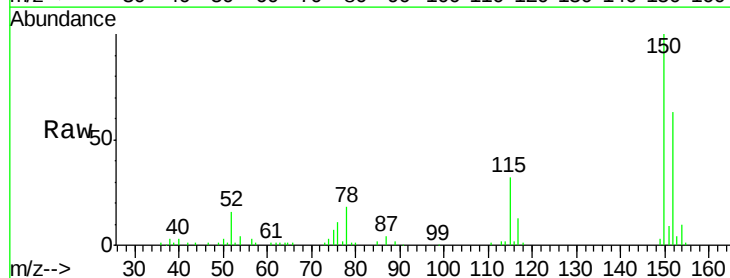


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061527.D
Acq: 2 Apr 2019 21:12

Tgt Ion:152 Resp: 55060
Ion Ratio Lower Upper
152 100
115 50.7 26.9 80.6
150 159.3 0.0 318.0



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

