

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062154.D
 Acq On : 8 May 2019 2:24
 Operator : FY/SY
 Sample : K2673-13
 Misc : 5.07g/5mL/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-17-1.0-1.5

Quant Time: May 08 05:00:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

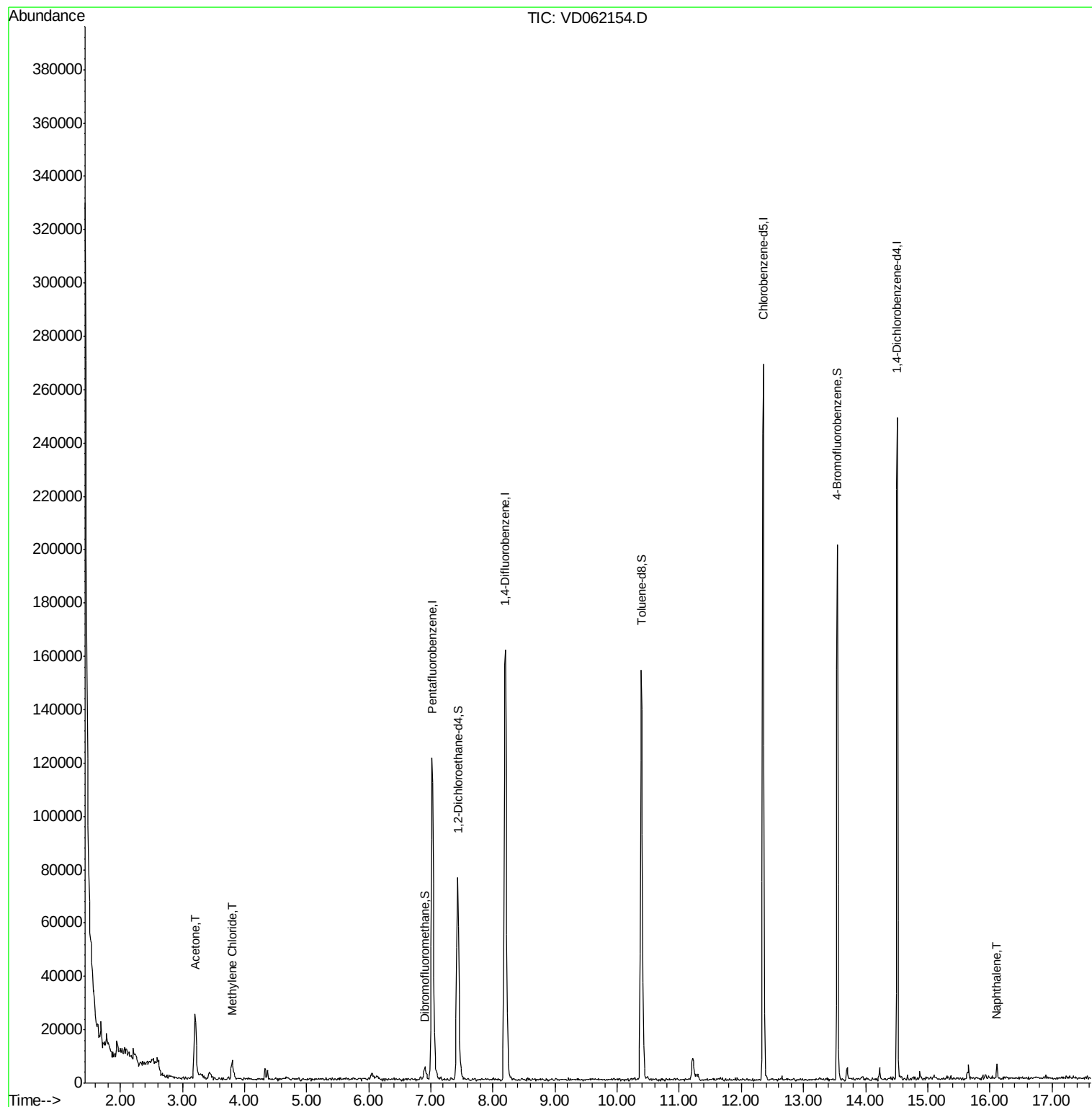
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	118938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	197337	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	159876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	58976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	87188	78.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	157.76%	
35) Dibromofluoromethane	6.90	113	4459	2.72	ug/l	0.01
Spiked Amount 50.000			Recovery	=	5.44%	
50) Toluene-d8	10.39	98	140692	35.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.28%	
62) 4-Bromofluorobenzene	13.55	95	59620	37.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.22%	
Target Compounds						
16) Acetone	3.20	43	47152	203.422	ug/l #	90
20) Methylene Chloride	3.80	84	4728	4.885	ug/l	98
95) Naphthalene	16.11	128	4331	2.863	ug/l #	92

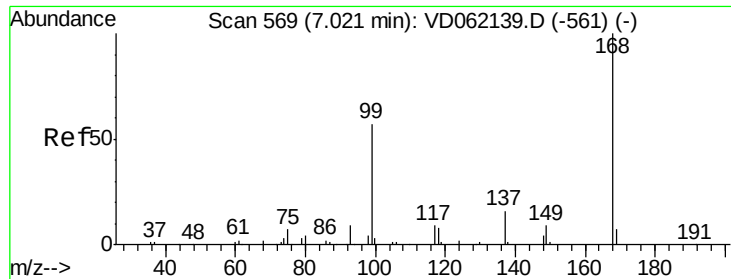
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD062154.D

Acq: 8 May 2019 2:24

Instrument :

MSVOA_D

ClientSampleId :

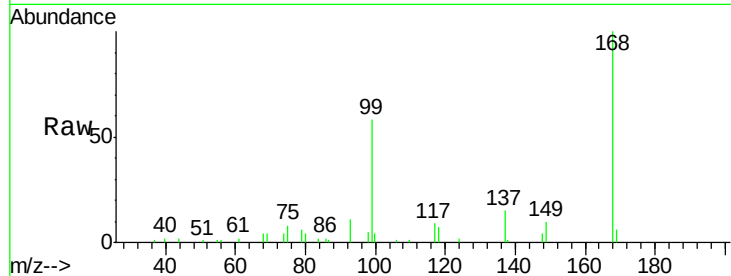
SB-17-1.0-1.5

Tot Ion:168 Resp: 118938

Ion Ratio Lower Upper

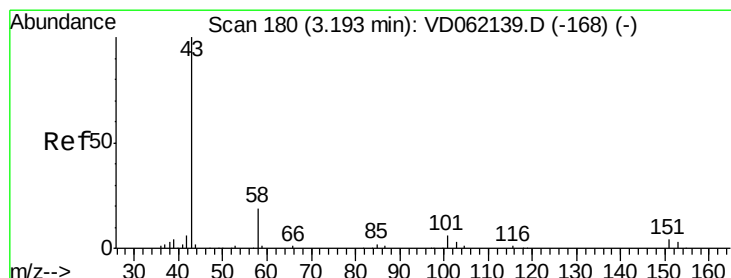
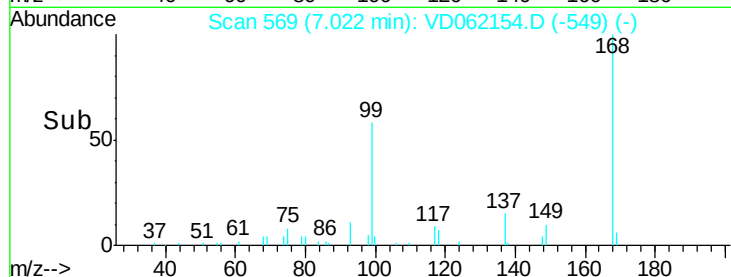
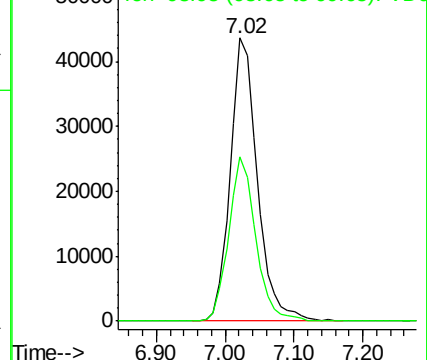
168 100

99 58.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 203.422 ug/l

RT: 3.20 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD062154.D

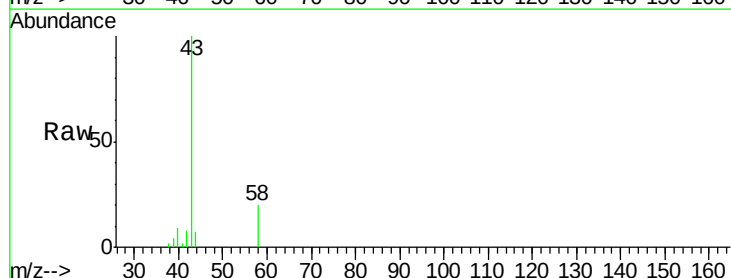
Acq: 8 May 2019 2:24

Tgt Ion: 43 Resp: 47152

Ion Ratio Lower Upper

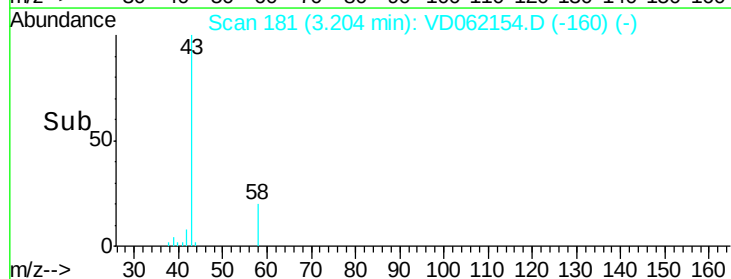
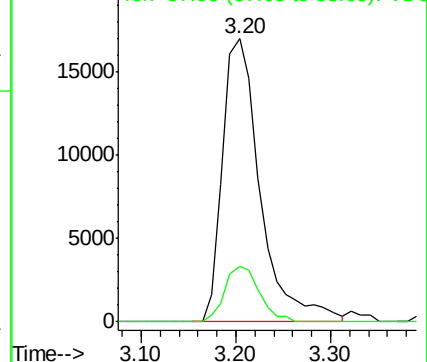
43 100

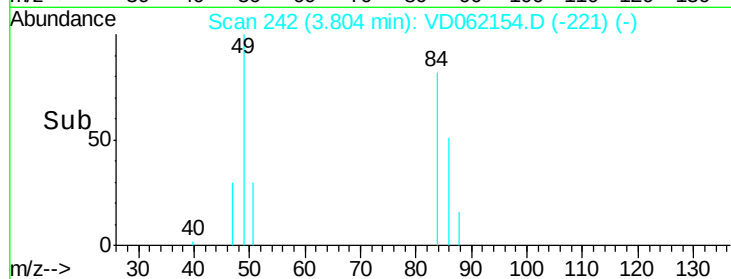
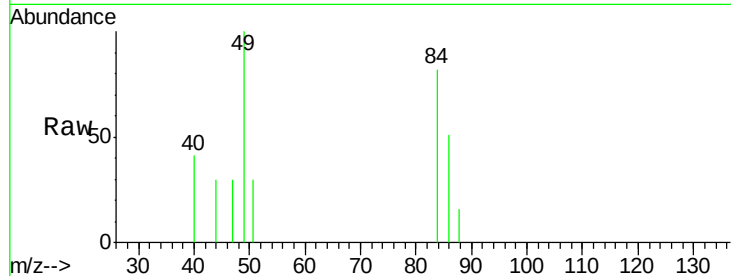
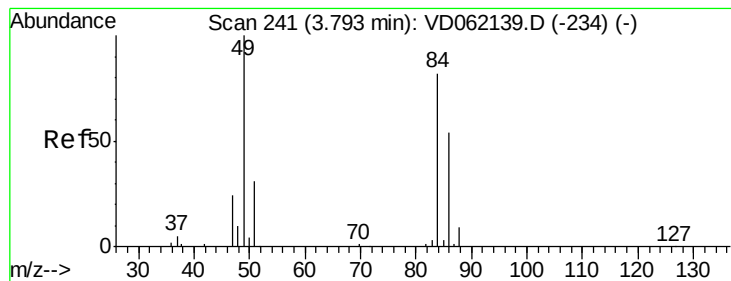
58 19.8 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 4.885 ug/l

RT: 3.80 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD062154.D

Acq: 8 May 2019 2:24

Instrument :

MSVOA_D

ClientSampleId :

SB-17-1.0-1.5

Tot Ion: 84 Resp: 4728

Ion Ratio Lower Upper

84 100

49 121.4 94.0 141.0

51 36.7 29.0 43.4

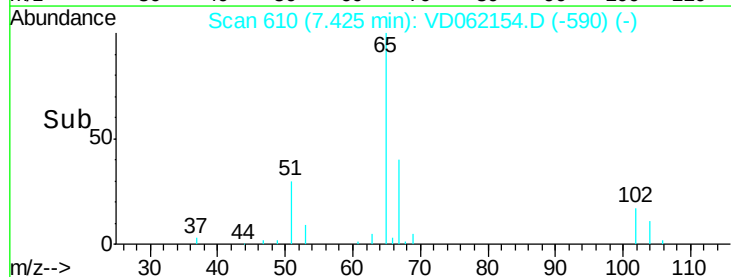
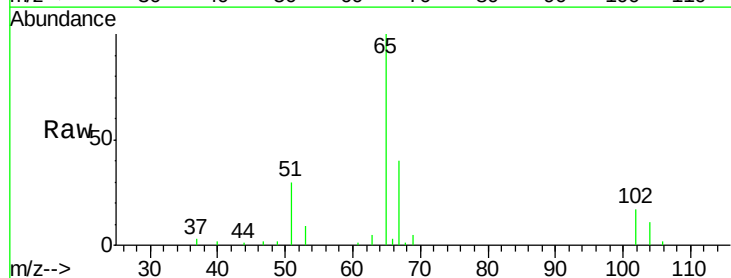
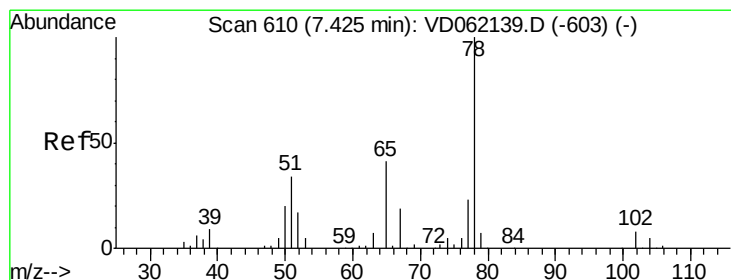
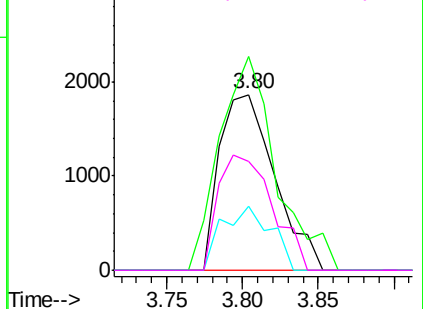
86 61.9 49.8 74.6

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: 78.881 ug/l

RT: 7.43 min Scan# 610

Delta R.T. 0.00 min

Lab File: VD062154.D

Acq: 8 May 2019 2:24

Tgt Ion: 65 Resp: 87188

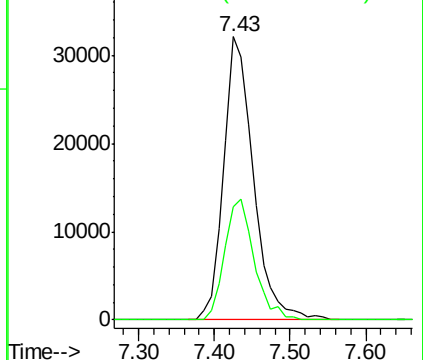
Ion Ratio Lower Upper

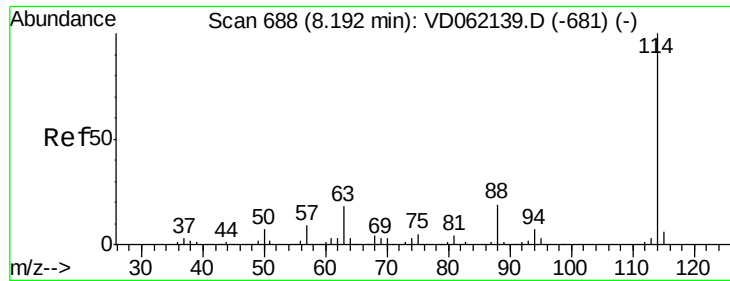
65 100

67 40.1 0.0 98.0

Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

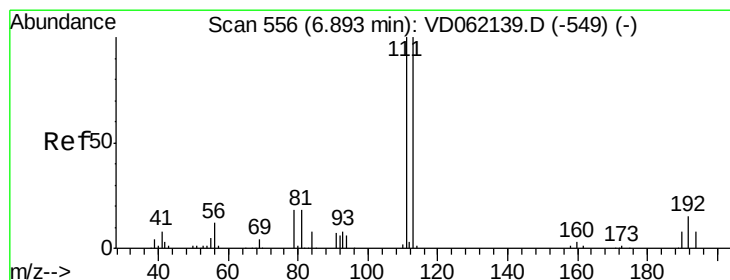
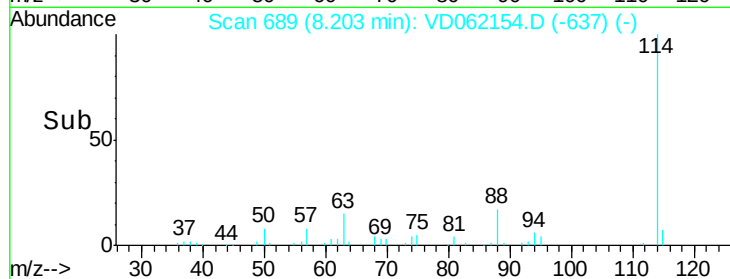
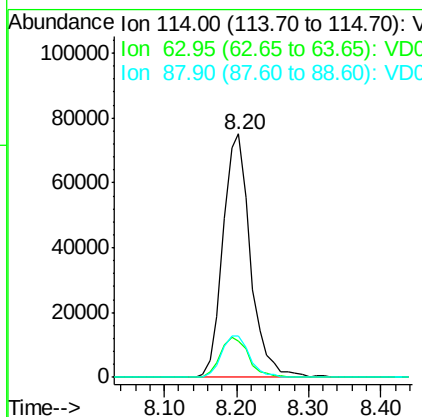
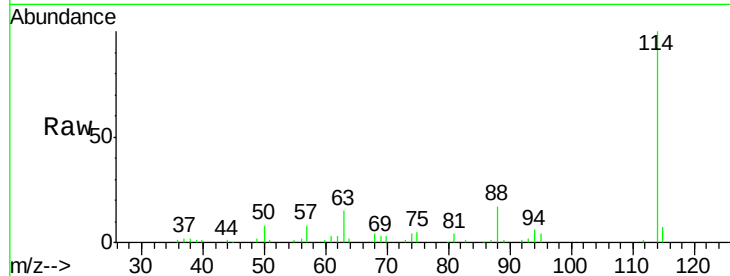




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD062154.D
 Acq: 8 May 2019 2:24

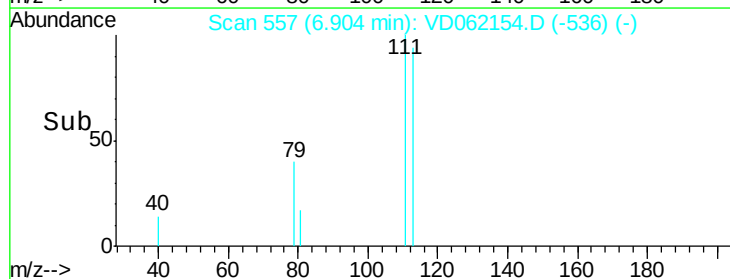
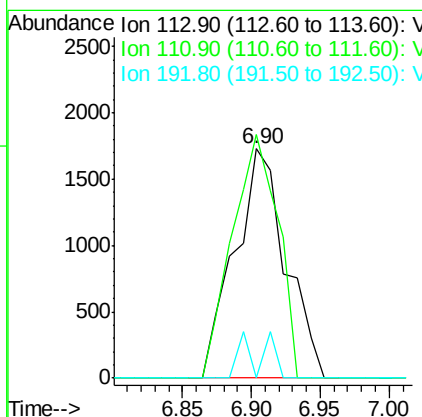
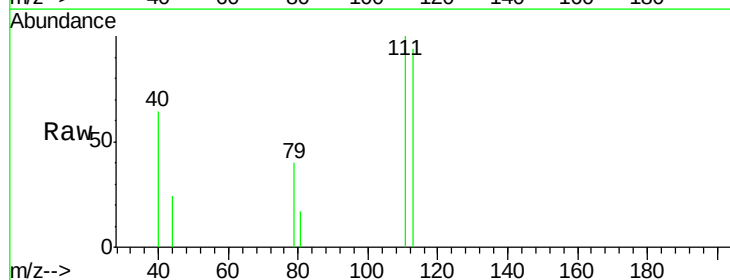
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-17-1.0-1.5

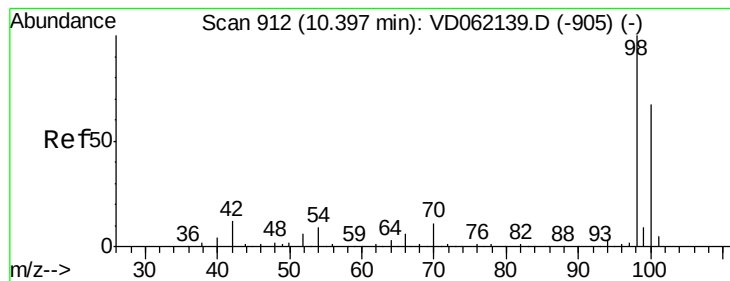
Tot Ion	Ratio	Lower	Upper
114	100		
63	14.9	0.0	32.4
88	16.9	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 2.723 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD062154.D
 Acq: 8 May 2019 2:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.2	78.5	117.7
192	0.0	13.0	19.4#





#50

Toluene-d8

Concen: 35.639 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062154.D

Acq: 8 May 2019 2:24

Instrument :

MSVOA_D

ClientSampleId :

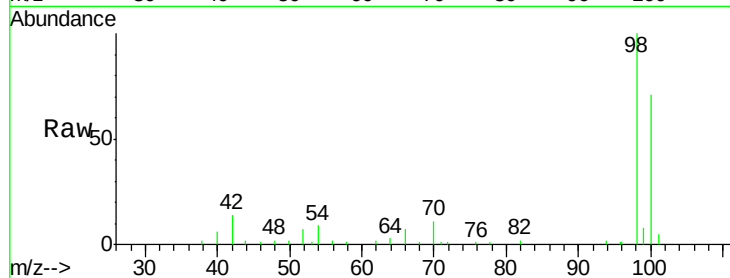
SB-17-1.0-1.5

Tot Ion: 98 Resp: 140692

Ion Ratio Lower Upper

98 100

100 71.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.39

60000

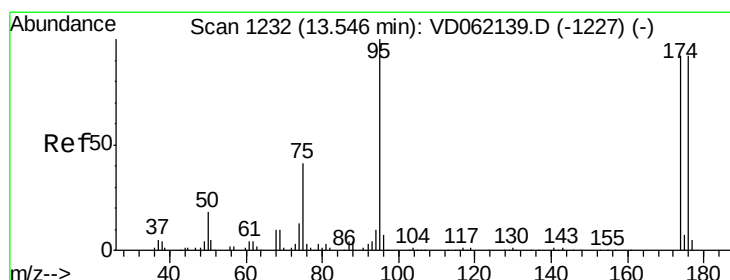
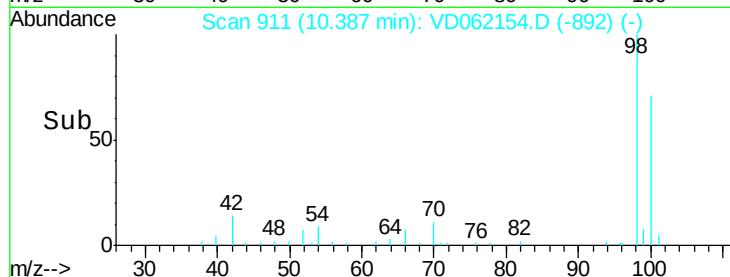
40000

20000

0

10.30 10.40 10.50

Time-->



#62

4-Bromofluorobenzene

Concen: 37.609 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062154.D

Acq: 8 May 2019 2:24

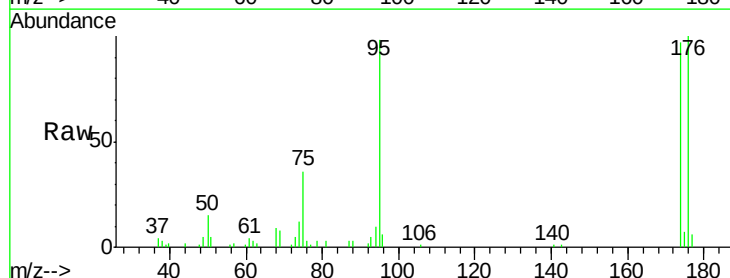
Tgt Ion: 95 Resp: 59620

Ion Ratio Lower Upper

95 100

174 98.7 0.0 181.8

176 101.7 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

13.55

50000

40000

30000

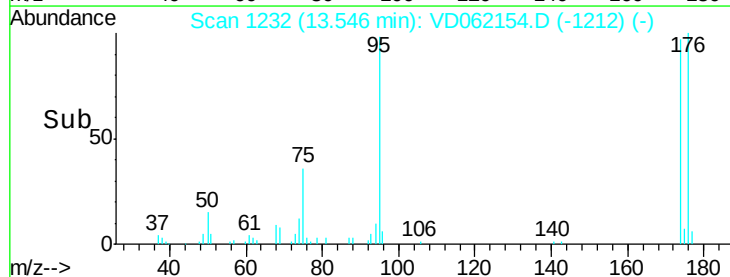
20000

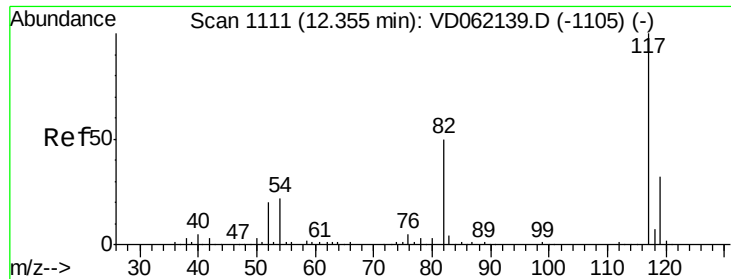
10000

0

13.50 13.55 13.60

Time-->

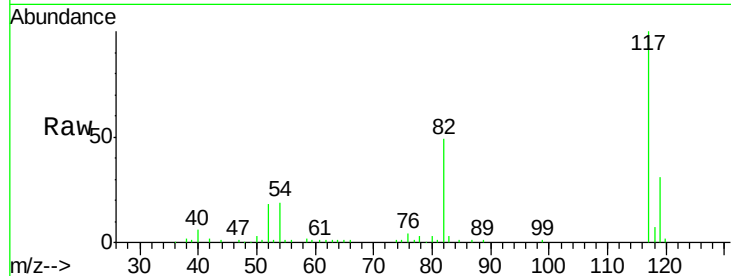




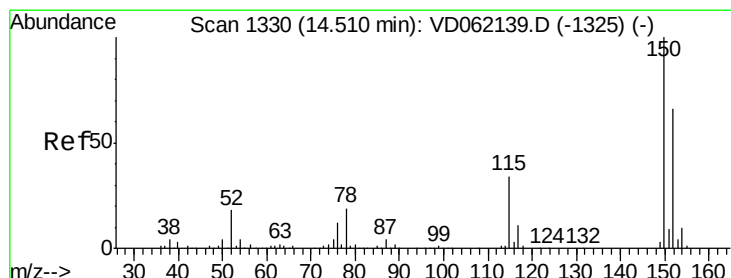
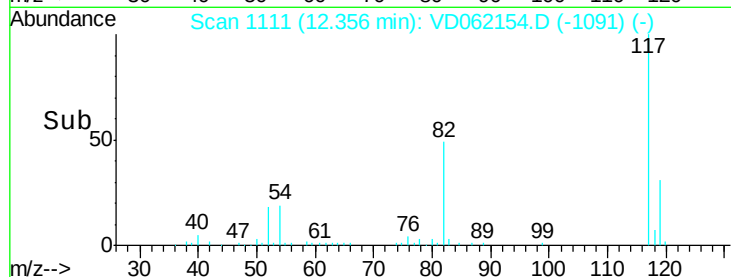
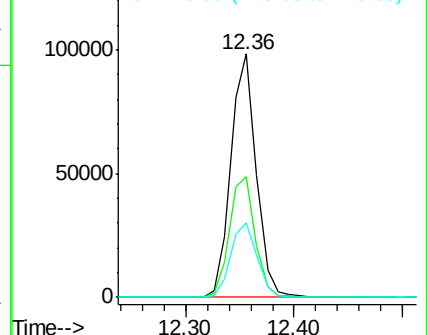
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Instrument :
MSVOA_D
ClientSampleId :
SB-17-1.0-1.5

Tot Ion:117 Resp: 159876
Ion Ratio Lower Upper
117 100
82 49.4 36.2 54.2
119 30.8 26.2 39.4

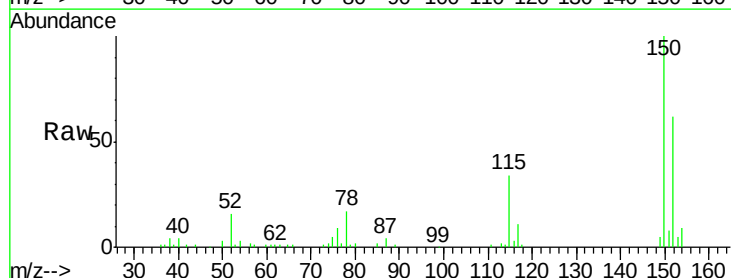


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

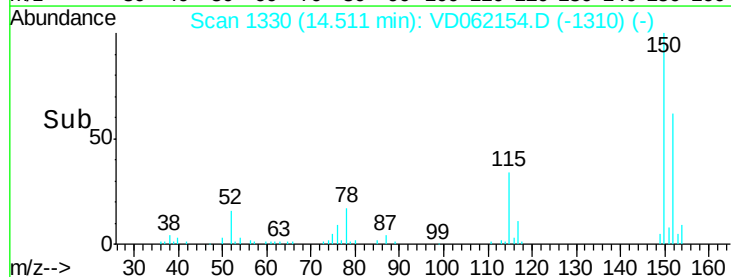
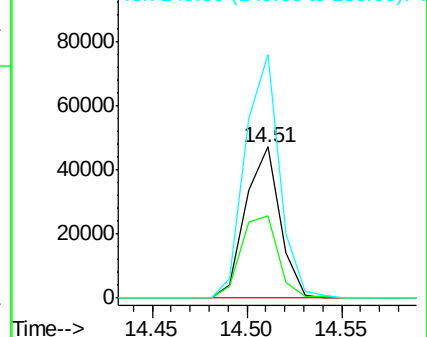


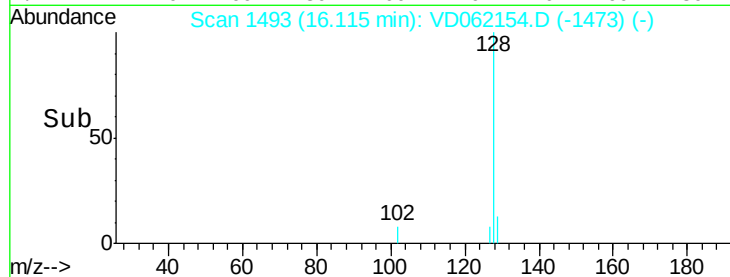
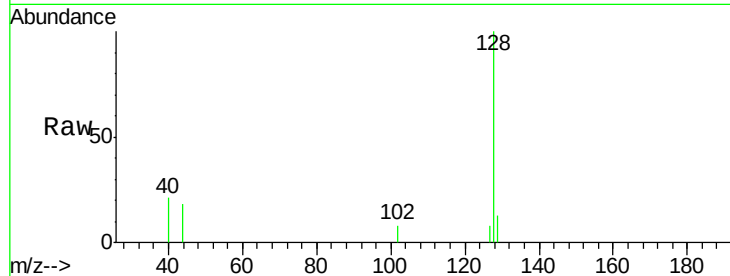
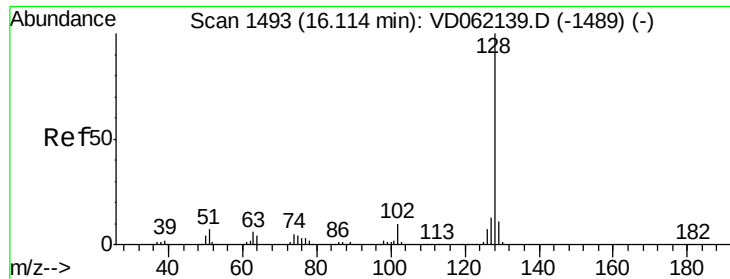
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Tgt Ion:152 Resp: 58976
Ion Ratio Lower Upper
152 100
115 54.0 30.9 92.7
150 161.0 0.0 314.8



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





#95

Naphthalene

Concen: 2.863 ug/l

RT: 16.11 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD062154.D

Acq: 8 May 2019 2:24

Instrument :

MSVOA_D

ClientSampleId :

SB-17-1.0-1.5

Tot Ion:128 Resp: 4331

Ion Ratio Lower Upper

128 100

127 7.9 9.8 14.8#

129 12.6 8.8 13.2

