

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062153.D
 Acq On : 8 May 2019 1:55
 Operator : FY/SY
 Sample : K2673-11
 Misc : 5.02g/5mL/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-16-2.0-2.5

Quant Time: May 08 04:58:59 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

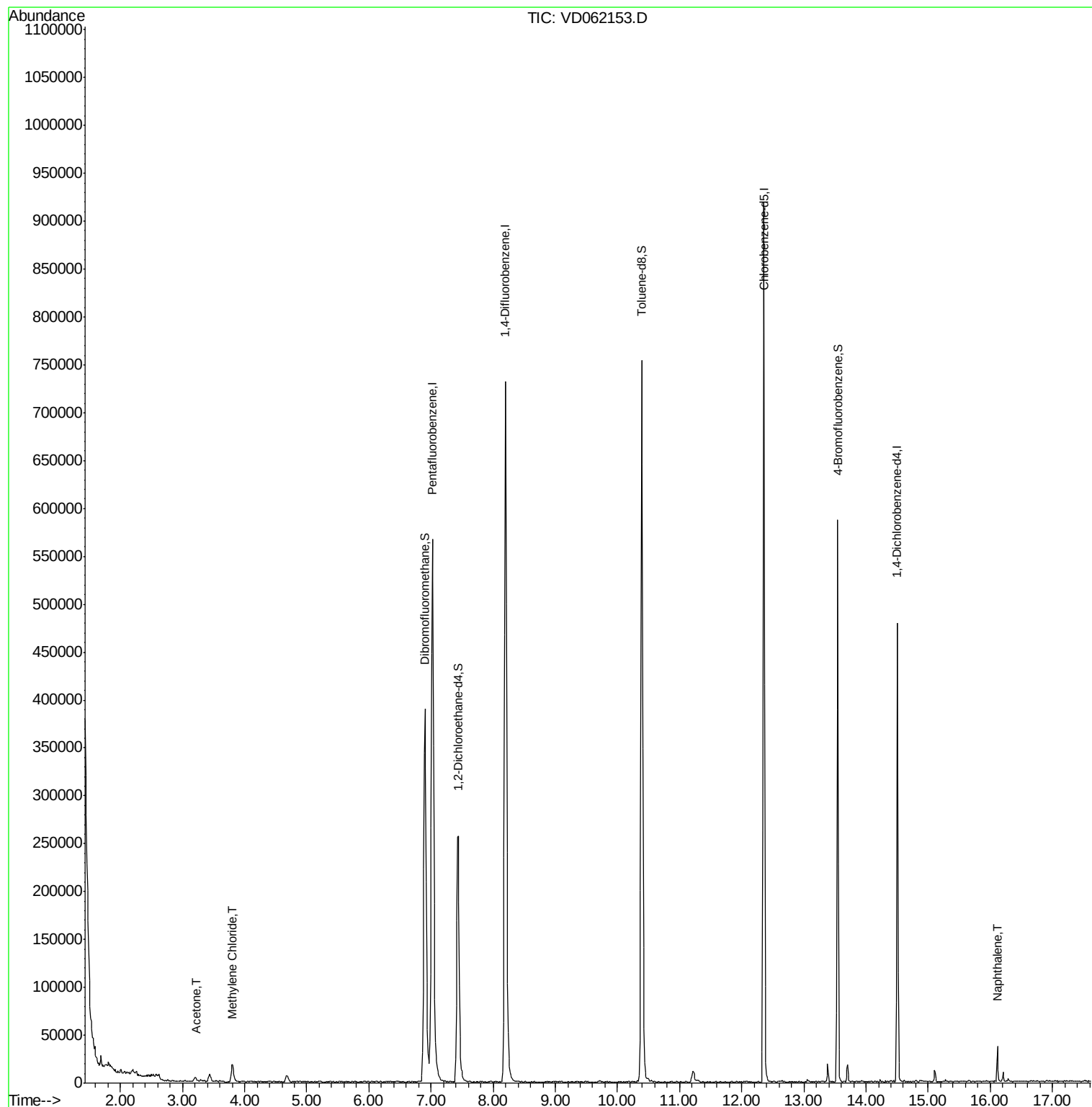
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	570483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	865975	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	534303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	120532	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	274565	51.79	ug/l	0.01
Spiked Amount 50.000			Recovery	=	103.58%	
35) Dibromofluoromethane	6.90	113	351316	48.90	ug/l	0.01
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	10.39	98	617050	35.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.24%	
62) 4-Bromofluorobenzene	13.55	95	161815	23.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.52%	
Target Compounds						
16) Acetone	3.20	43	9792	8.807	ug/l #	86
20) Methylene Chloride	3.80	84	12054	2.597	ug/l #	94
95) Naphthalene	16.11	128	23811	7.701	ug/l	100

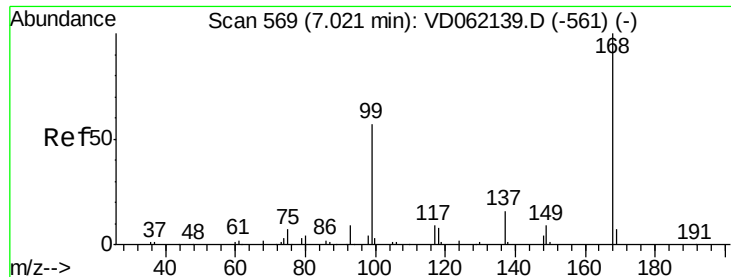
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062153.D

Acq: 8 May 2019 1:55

Instrument :

MSVOA_D

ClientSampleId :

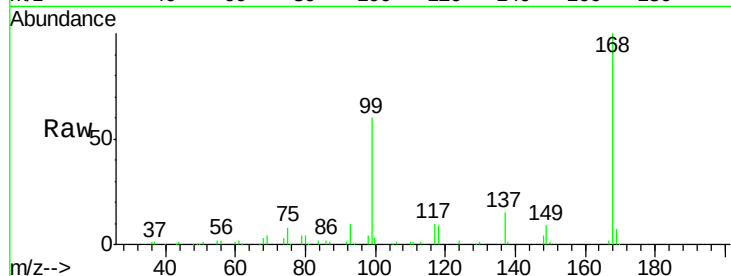
SB-16-2.0-2.5

Tot Ion:168 Resp: 570483

Ion Ratio Lower Upper

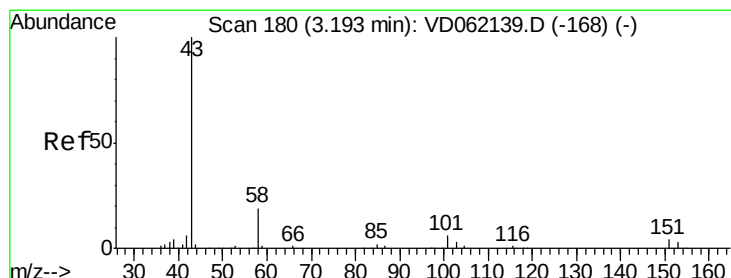
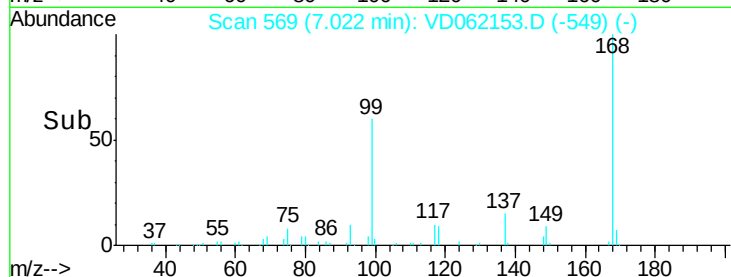
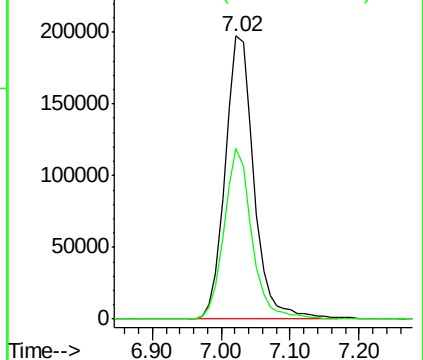
168 100

99 60.2 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: 8.807 ug/l

RT: 3.20 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD062153.D

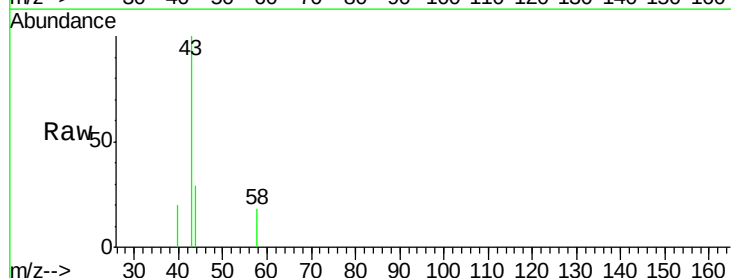
Acq: 8 May 2019 1:55

Tgt Ion: 43 Resp: 9792

Ion Ratio Lower Upper

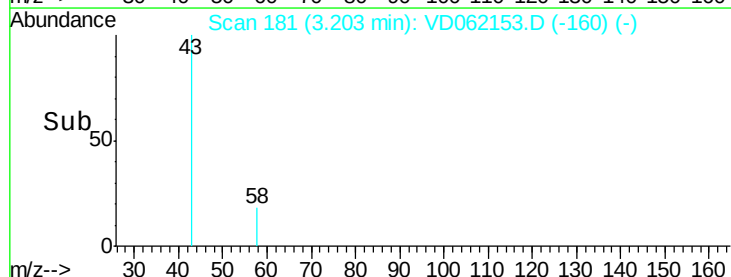
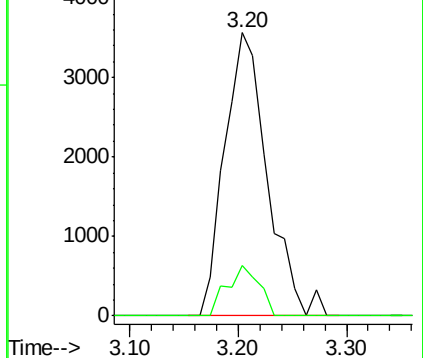
43 100

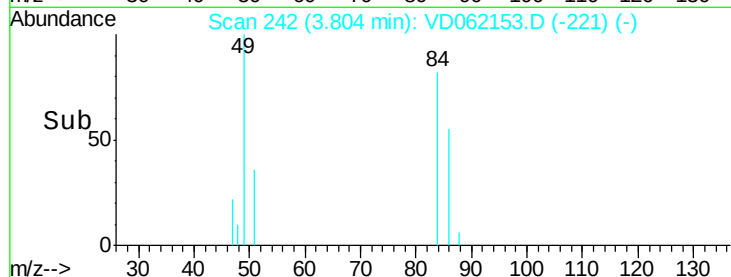
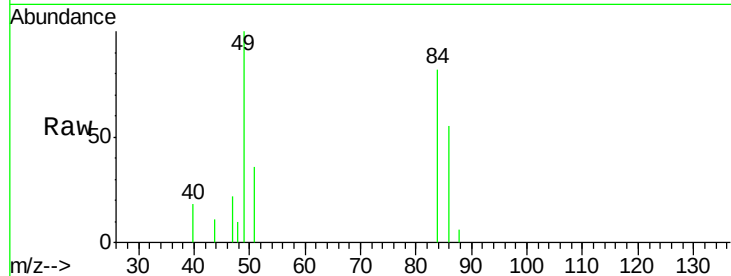
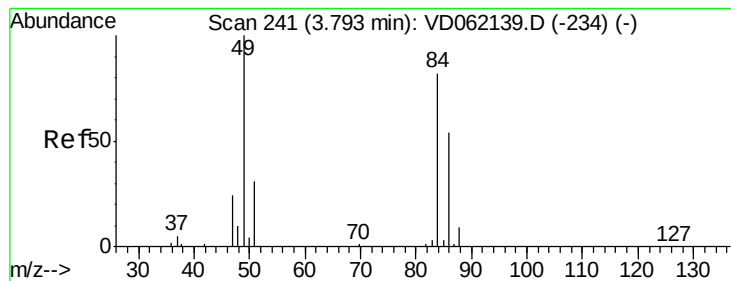
58 18.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 2.597 ug/l

RT: 3.80 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD062153.D

Acq: 8 May 2019 1:55

Instrument :

MSVOA_D

ClientSampleId :

SB-16-2.0-2.5

Tot Ion: 84 Resp: 12054

Ion Ratio Lower Upper

84 100

49 121.8 94.0 141.0

51 43.9 29.0 43.4#

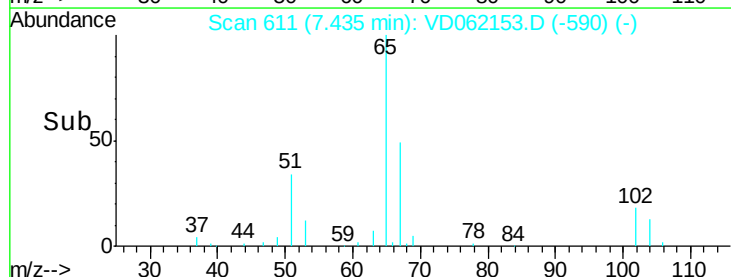
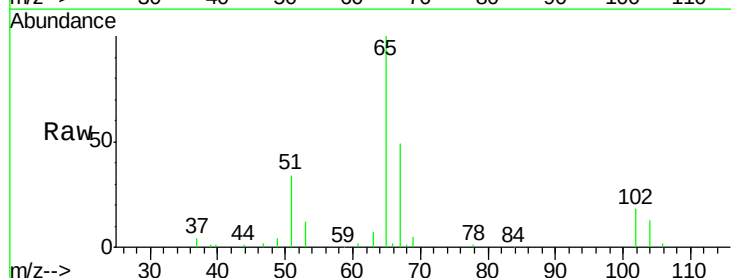
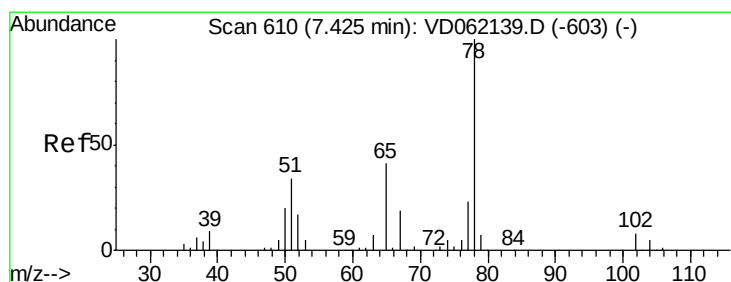
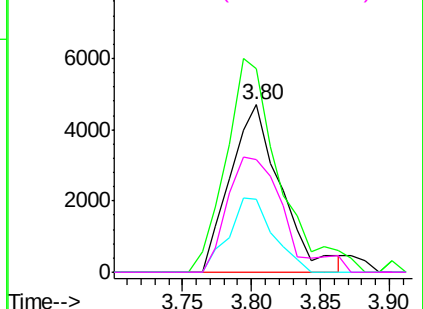
86 67.1 49.8 74.6

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: 51.789 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD062153.D

Acq: 8 May 2019 1:55

Tgt Ion: 65 Resp: 274565

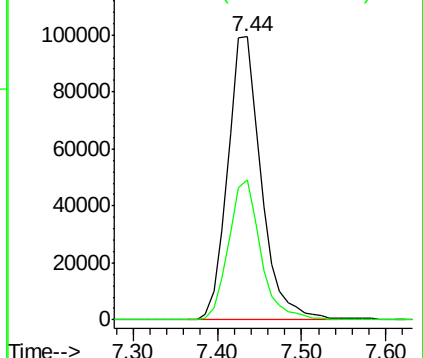
Ion Ratio Lower Upper

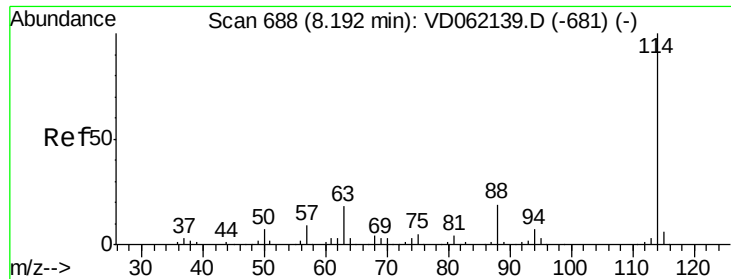
65 100

67 49.3 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: VD062153.D

Acq: 8 May 2019 1:55

Instrument :

MSVOA_D

ClientSampleId :

SB-16-2.0-2.5

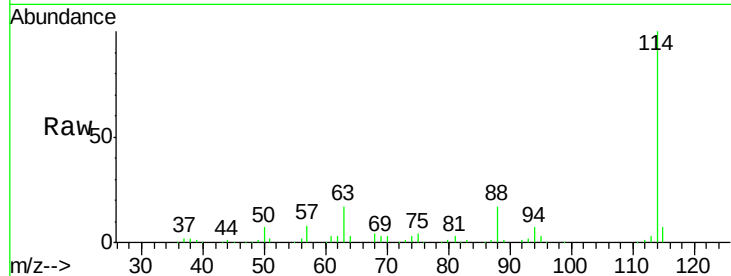
Tot Ion:114 Resp: 865975

Ion Ratio Lower Upper

114 100

63 16.7 0.0 32.4

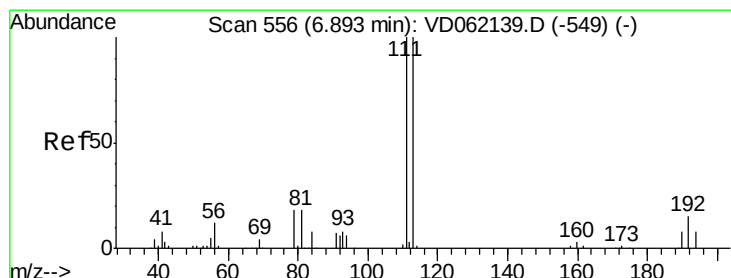
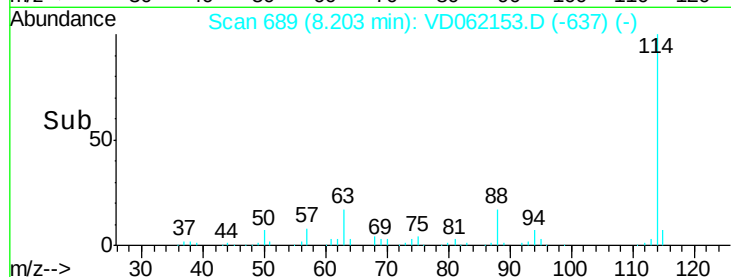
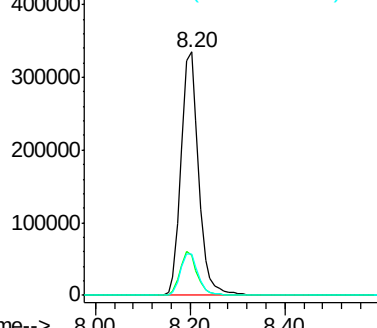
88 16.9 0.0 33.6



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: 48.895 ug/l

RT: 6.90 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD062153.D

Acq: 8 May 2019 1:55

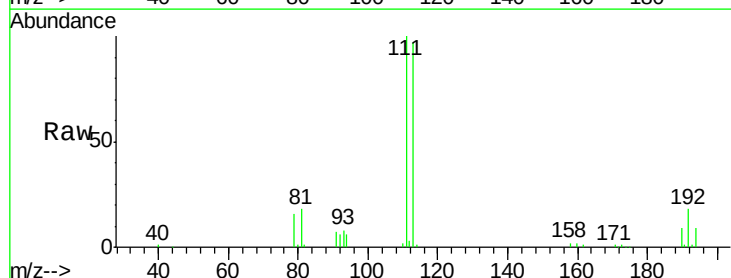
Tgt Ion:113 Resp: 351316

Ion Ratio Lower Upper

113 100

111 103.5 78.5 117.7

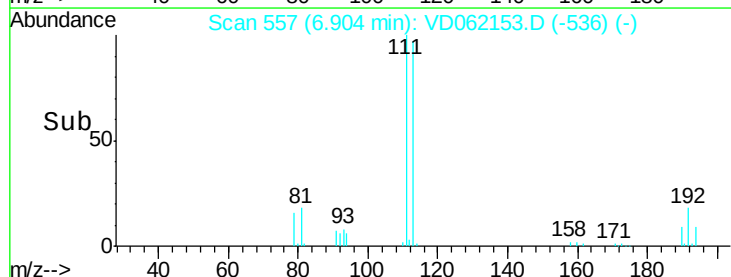
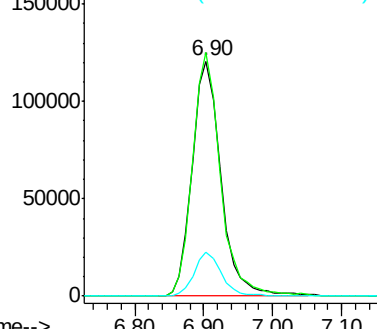
192 18.7 13.0 19.4

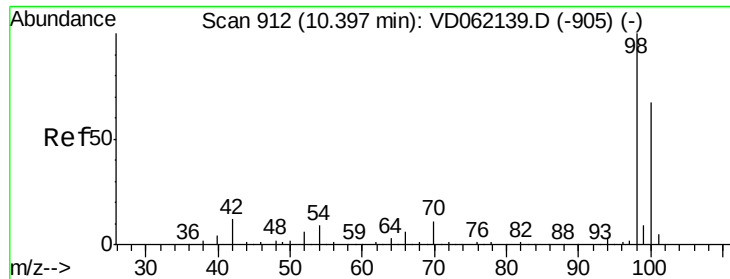


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 35.619 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062153.D

Acq: 8 May 2019 1:55

Instrument :

MSVOA_D

ClientSampleId :

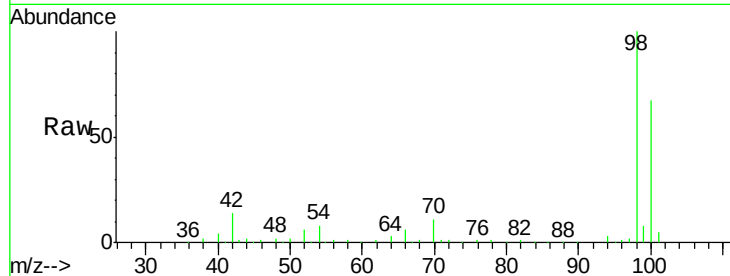
SB-16-2.0-2.5

Tot Ion: 98 Resp: 617050

Ion Ratio Lower Upper

98 100

100 66.7 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

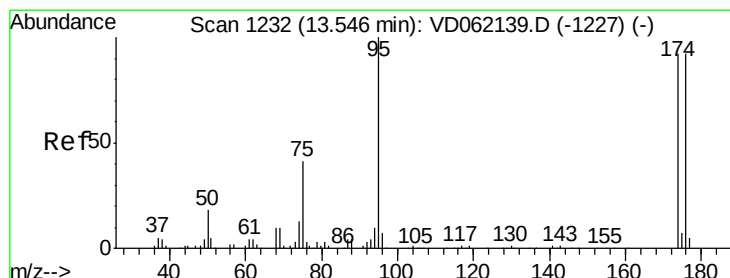
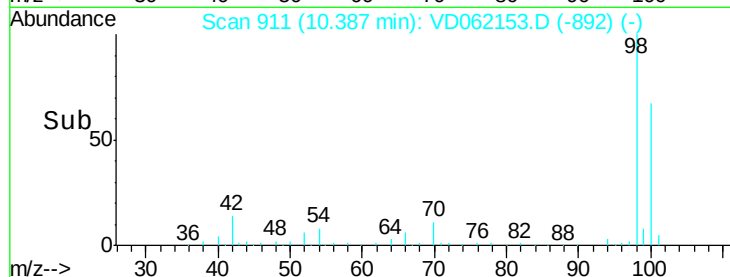
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 23.261 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062153.D

Acq: 8 May 2019 1:55

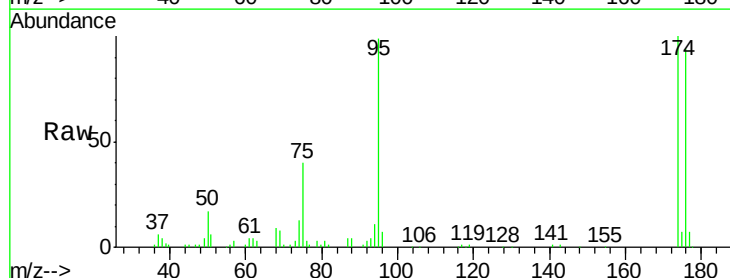
Tgt Ion: 95 Resp: 161815

Ion Ratio Lower Upper

95 100

174 100.9 0.0 181.8

176 94.9 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

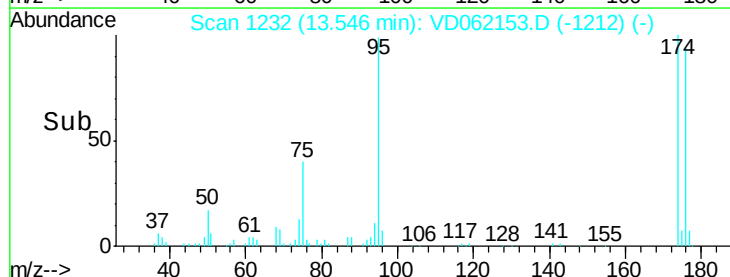
150000

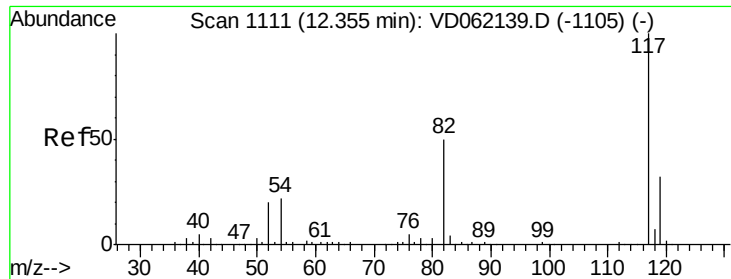
100000

50000

0

Time-->

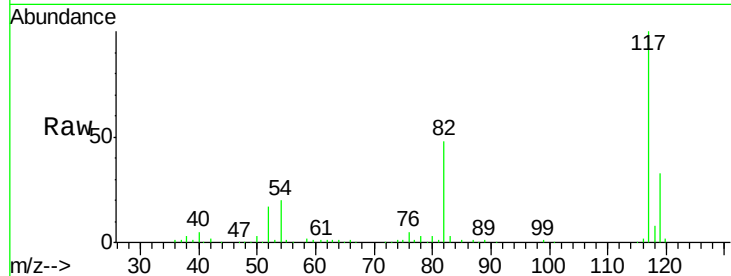




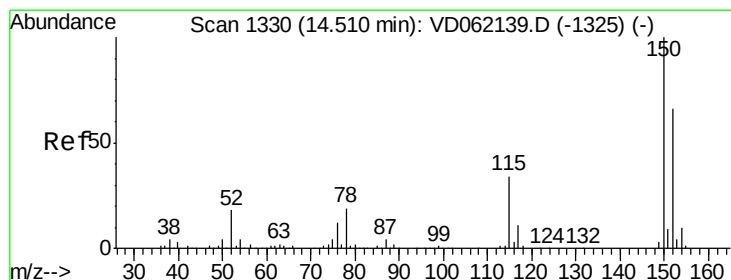
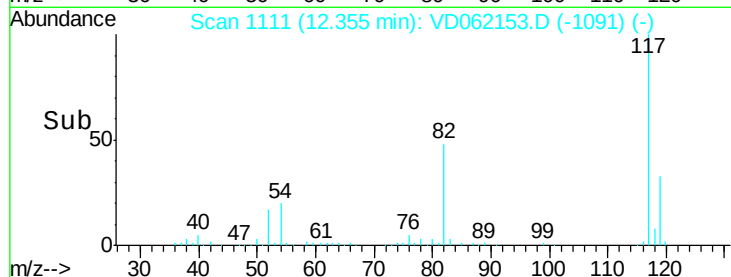
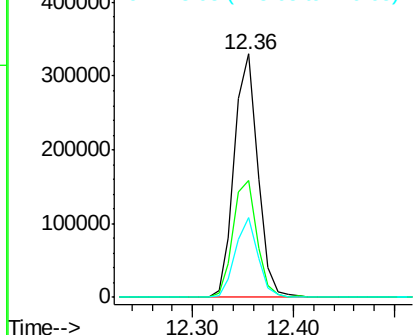
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062153.D
Acq: 8 May 2019 1:55

Instrument :
MSVOA_D
ClientSampleId :
SB-16-2.0-2.5

Tot Ion:117 Resp: 534303
Ion Ratio Lower Upper
117 100
82 48.1 36.2 54.2
119 32.6 26.2 39.4

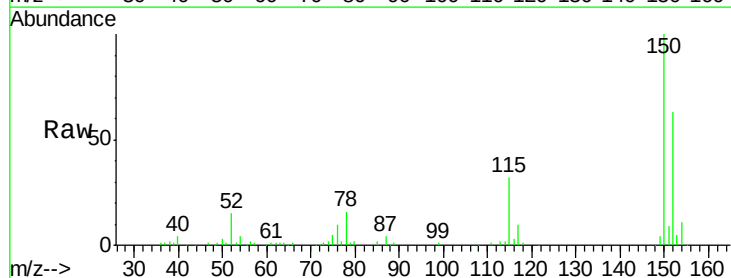


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

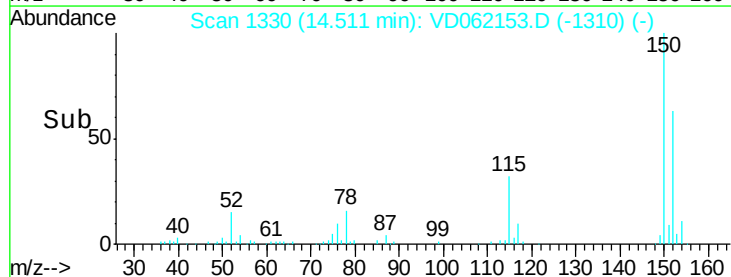
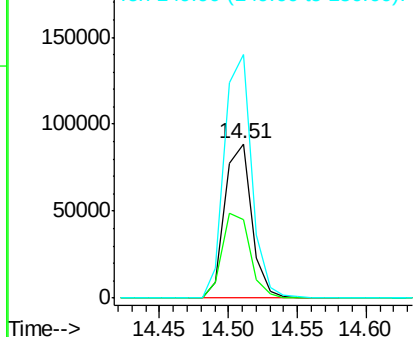


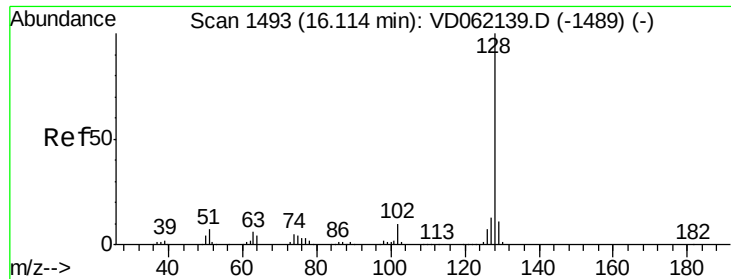
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062153.D
Acq: 8 May 2019 1:55

Tgt Ion:152 Resp: 120532
Ion Ratio Lower Upper
152 100
115 51.0 30.9 92.7
150 157.6 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

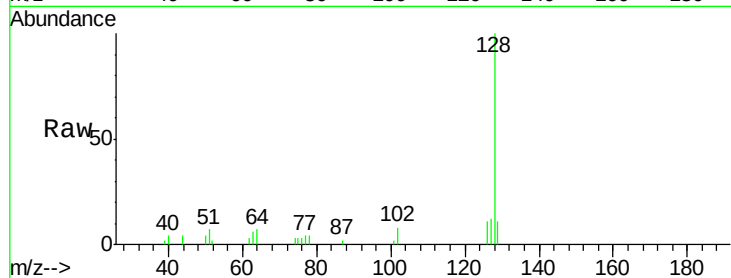




#95
Naphthalene
Concen: 7.701 ug/l
RT: 16.11 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062153.D
Acq: 8 May 2019 1:55

Instrument :
MSVOA_D
ClientSampleId :
SB-16-2.0-2.5

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.8	14.8
129	11.0	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

