

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032119\
 Data File : VD061242.D
 Acq On : 21 Mar 2019 14:04
 Operator : VA/AP
 Sample : K2002-07
 Misc : 5.52g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-2(30)

Quant Time: Mar 22 04:46:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

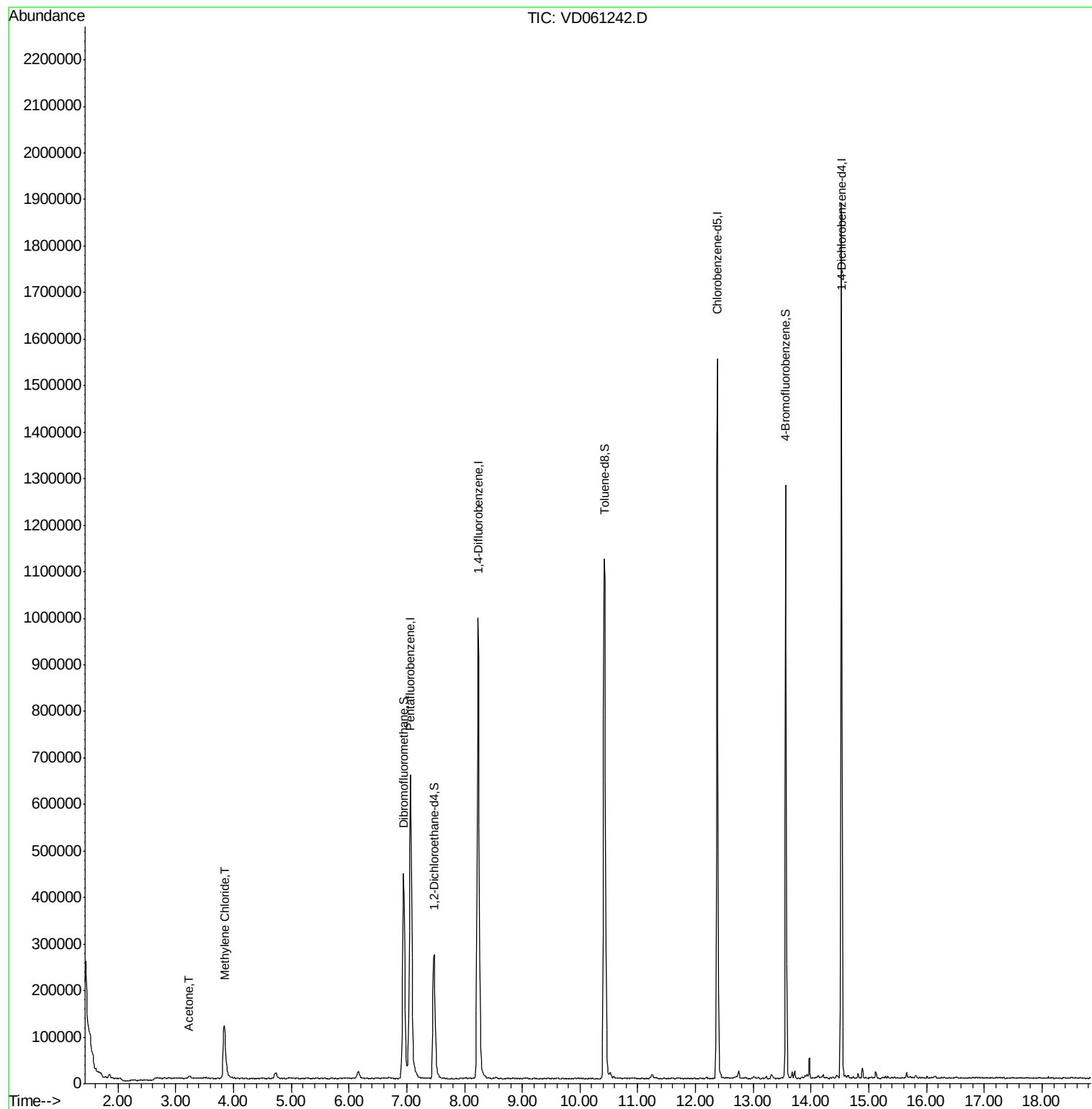
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	703778	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1255987	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	1000002	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	432075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	270920	46.25	ug/l	0.03
Spiked Amount 50.000			Recovery	=	92.50%	
35) Dibromofluoromethane	6.94	113	425519	45.65	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.30%	
50) Toluene-d8	10.42	98	1037904	44.34	ug/l	0.02
Spiked Amount 50.000			Recovery	=	88.68%	
62) 4-Bromofluorobenzene	13.56	95	409250	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.12%	
Target Compounds						
16) Acetone	3.23	43	11982	7.153	ug/l #	83
20) Methylene Chloride	3.84	84	96203	8.747	ug/l	94

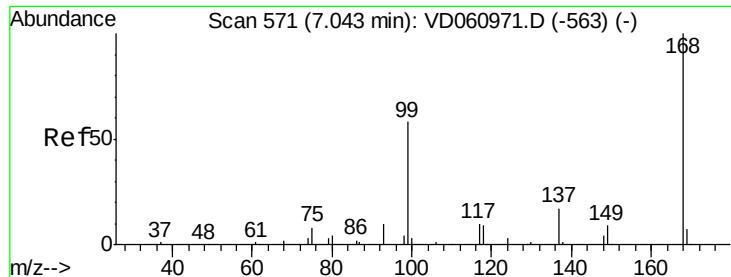
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

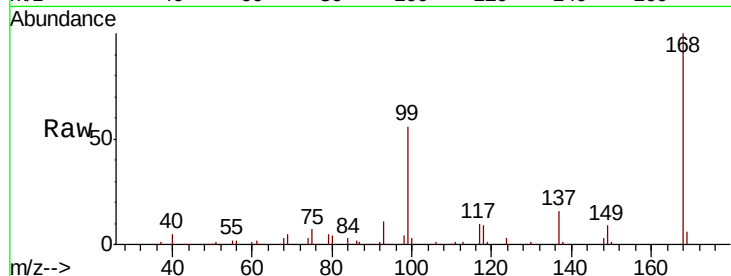
S-2(30)

Tot Ion:168 Resp: 703778

Ion Ratio Lower Upper

168 100

99 56.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

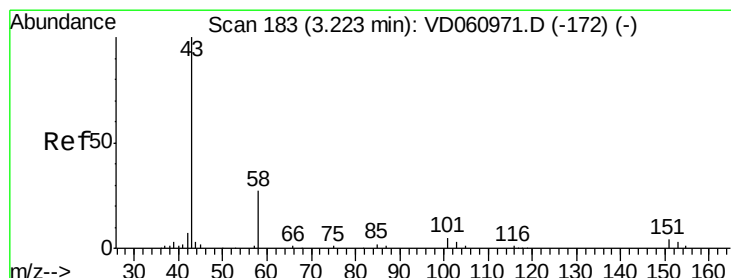
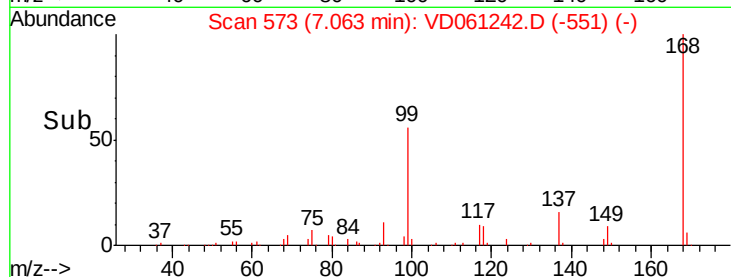
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 7.153 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061242.D

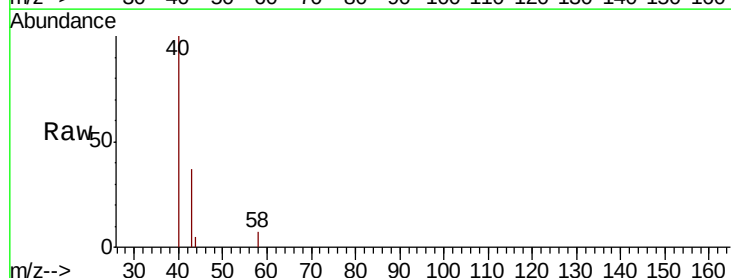
Acq: 21 Mar 2019 14:04

Tgt Ion: 43 Resp: 11982

Ion Ratio Lower Upper

43 100

58 18.0 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

4000

3000

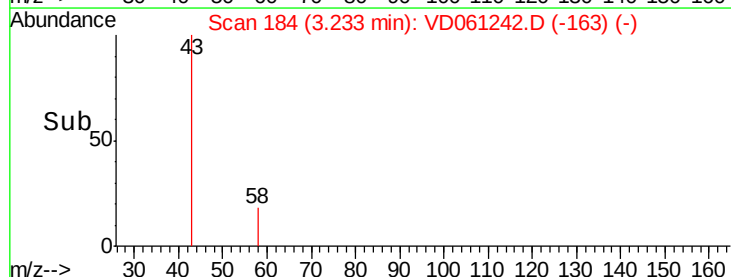
2000

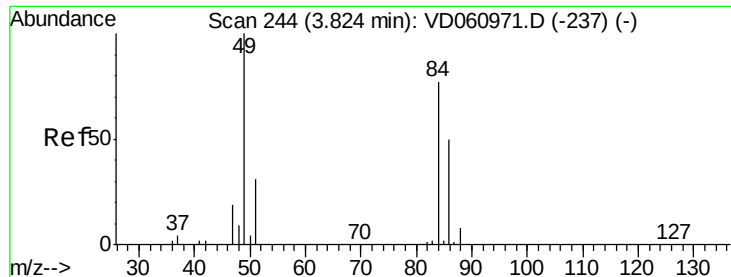
1000

0

Time-->

3.20 3.30

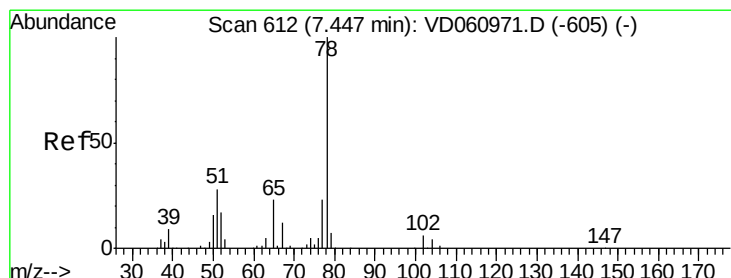
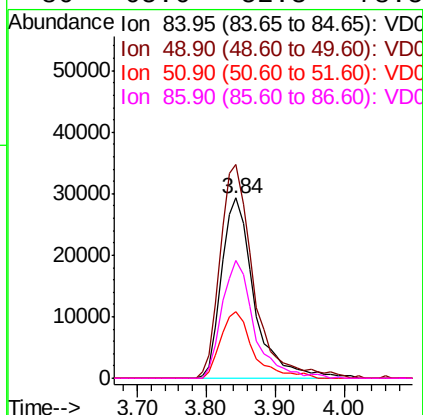
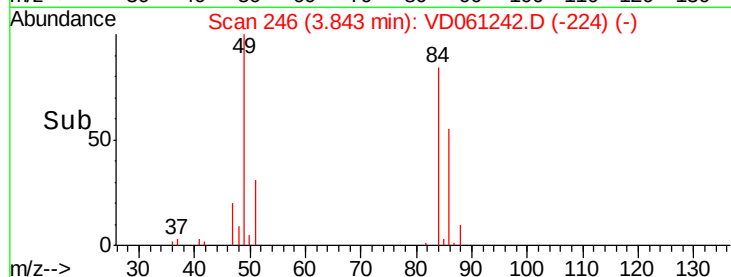
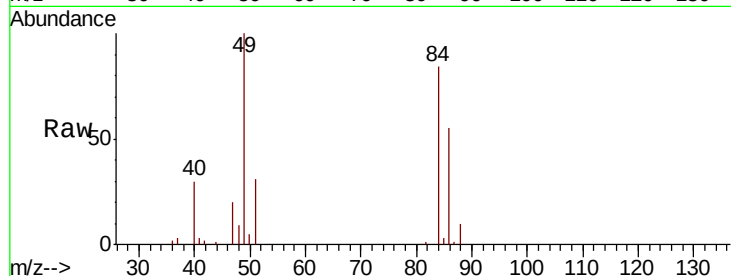




#20
Methylene Chloride
Concen: 8.747 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.02 min
Lab File: VD061242.D
Acq: 21 Mar 2019 14:04

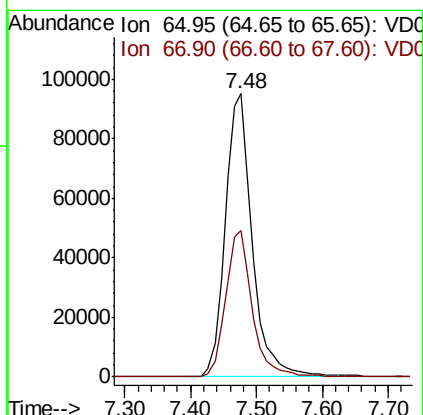
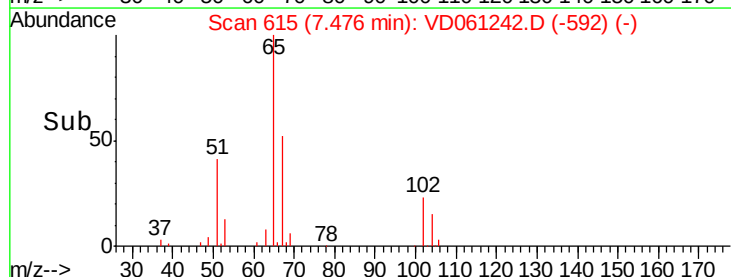
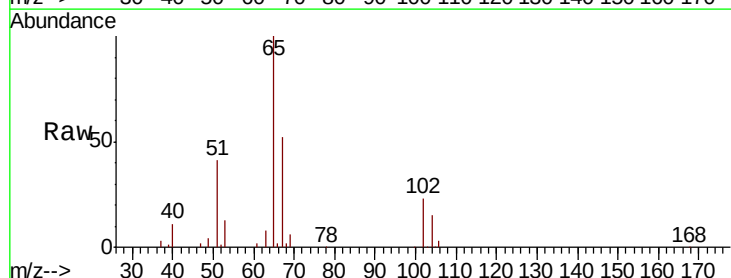
Instrument :
MSVOA_D
ClientSampleId :
S-2(30)

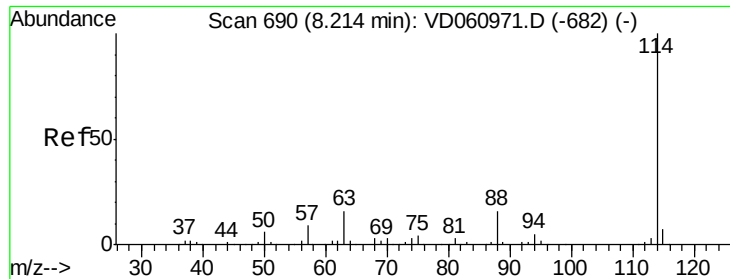
Tot Ion	Ratio	Lower	Upper
84	100		
49	118.7	104.2	156.2
51	37.2	32.3	48.5
86	65.6	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD061242.D
Acq: 21 Mar 2019 14:04

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.02 min

Lab File: VD061242.D

Acq: 21 Mar 2019 14:04

Instrument :

MSVOA_D

ClientSampleId :

S-2(30)

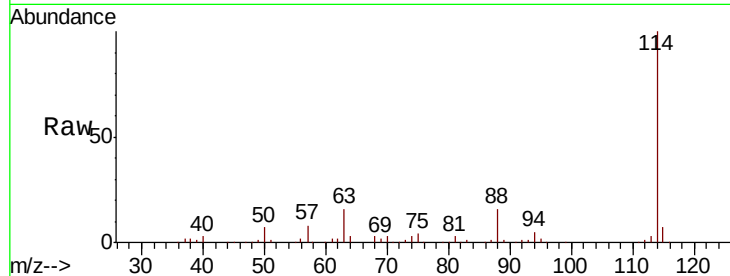
Tot Ion:114 Resp: 1255987

Ion Ratio Lower Upper

114 100

63 16.2 0.0 31.4

88 16.1 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V

8.23

600000

500000

400000

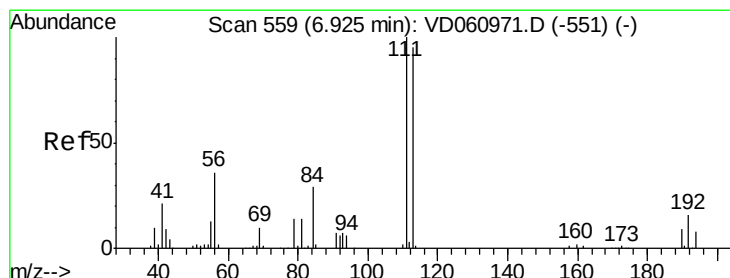
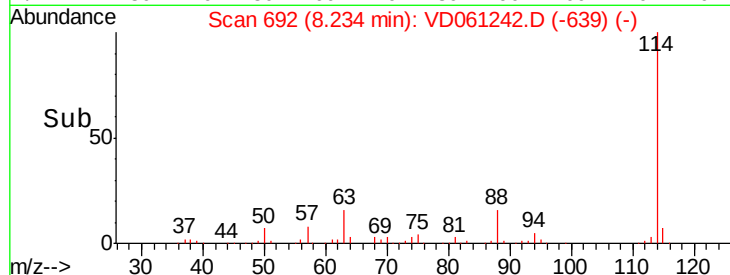
300000

200000

100000

0

Time--> 8.00 8.20 8.40 8.60



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.02 min

Lab File: VD061242.D

Acq: 21 Mar 2019 14:04

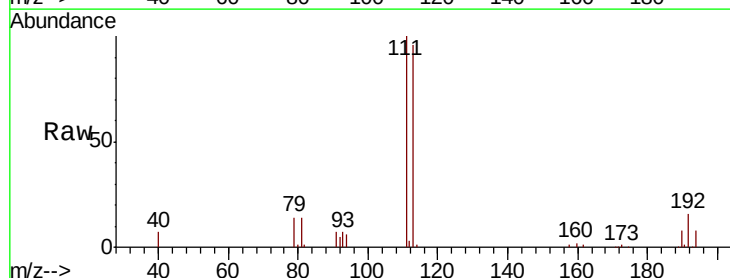
Tgt Ion:113 Resp: 425519

Ion Ratio Lower Upper

113 100

111 103.8 84.2 126.4

192 16.4 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

6.94

200000

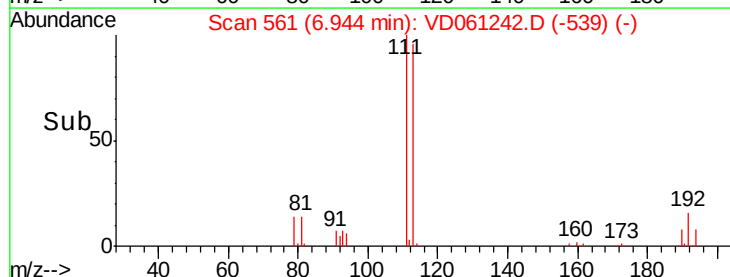
150000

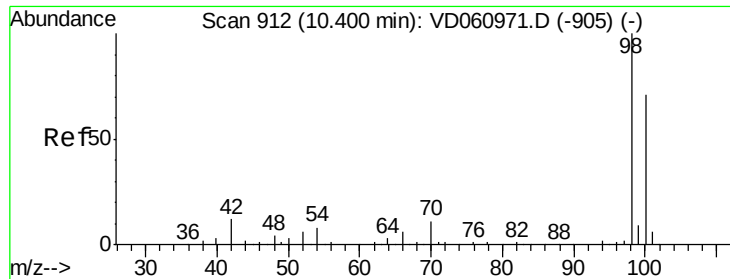
100000

50000

0

Time--> 6.80 6.90 7.00 7.10

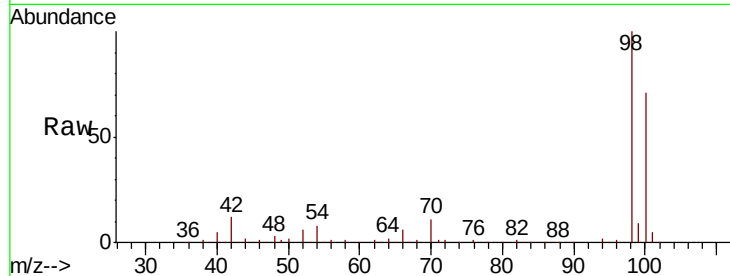




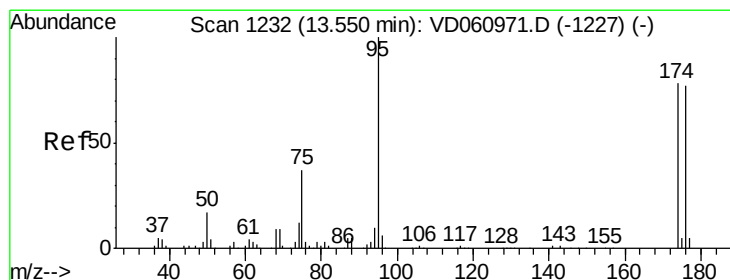
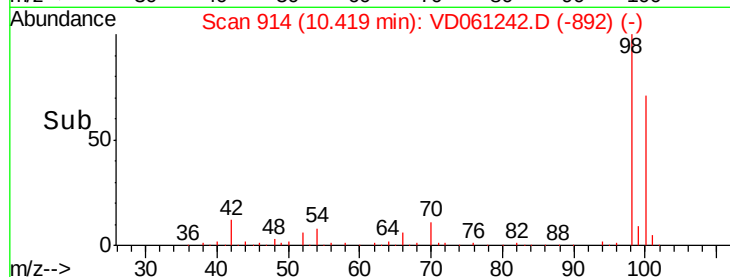
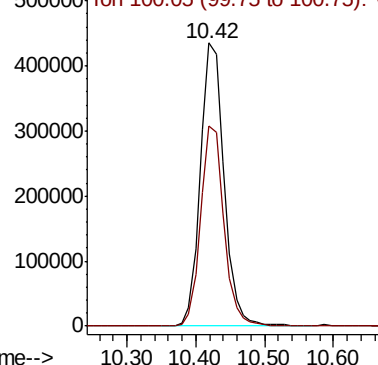
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD061242.D
Acq: 21 Mar 2019 14:04

Instrument :
MSVOA_D
ClientSampleId :
S-2(30)

Tot Ion: 98 Resp: 1037904
Ion Ratio Lower Upper
98 100
100 70.6 57.4 86.2

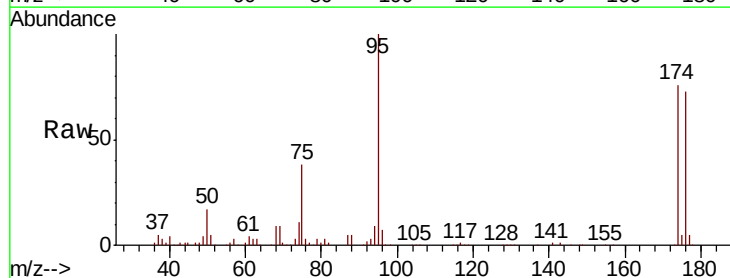


Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

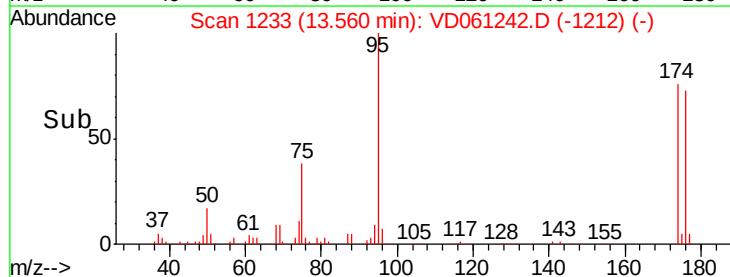
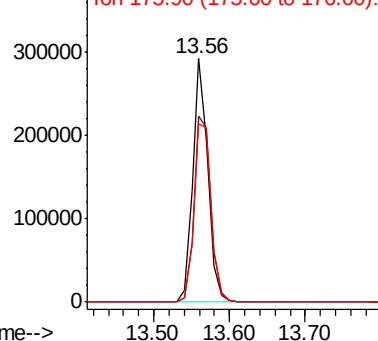


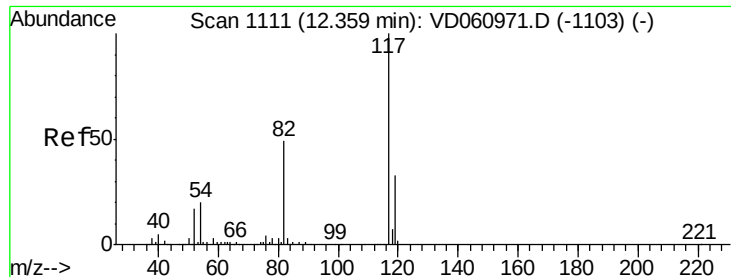
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061242.D
Acq: 21 Mar 2019 14:04

Tgt Ion: 95 Resp: 409250
Ion Ratio Lower Upper
95 100
174 76.4 0.0 155.6
176 73.2 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

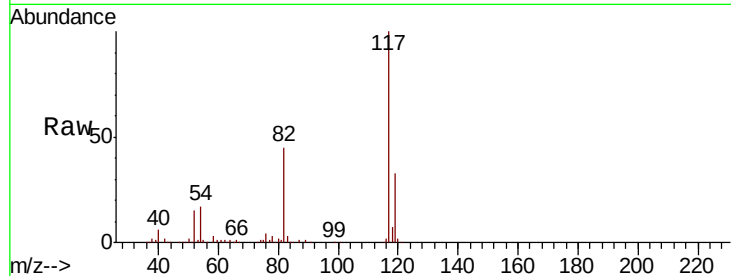




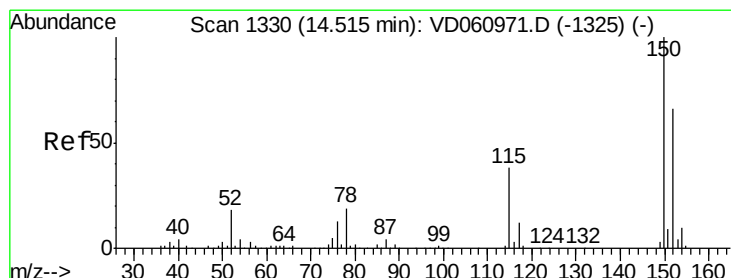
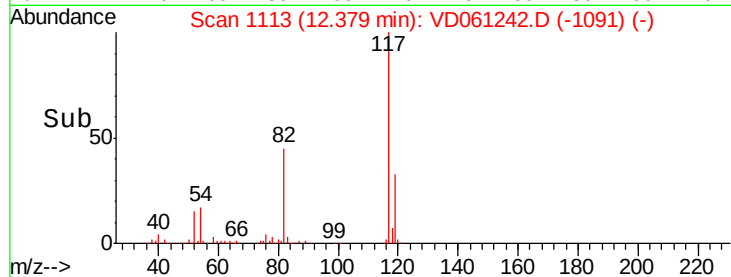
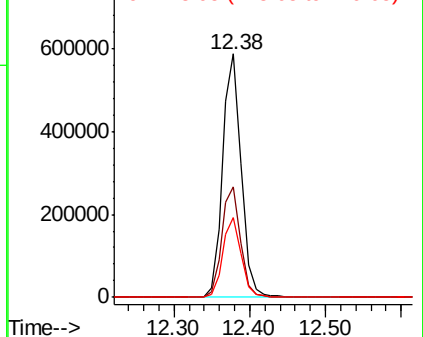
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061242.D
Acq: 21 Mar 2019 14:04

Instrument :
MSVOA_D
ClientSampleId :
S-2(30)

Tot Ion:117 Resp: 1000002
Ion Ratio Lower Upper
117 100
82 45.4 38.9 58.3
119 32.9 26.6 39.8

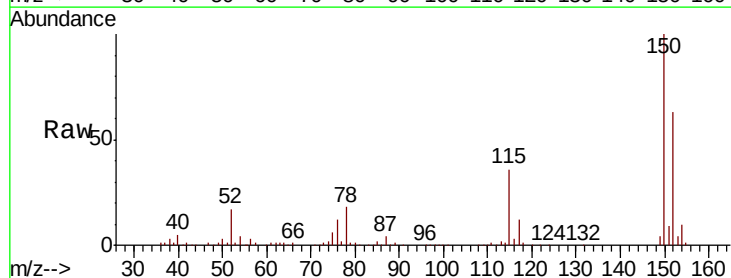


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061242.D
Acq: 21 Mar 2019 14:04

Tgt Ion:152 Resp: 432075
Ion Ratio Lower Upper
152 100
115 57.6 28.6 85.9
150 158.0 0.0 310.6



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

