

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061196.D
 Acq On : 19 Mar 2019 20:21
 Operator : VA/AP
 Sample : K1971-02
 Misc : 5.61g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8(14-15)-031519

Quant Time: Mar 20 02:24:02 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

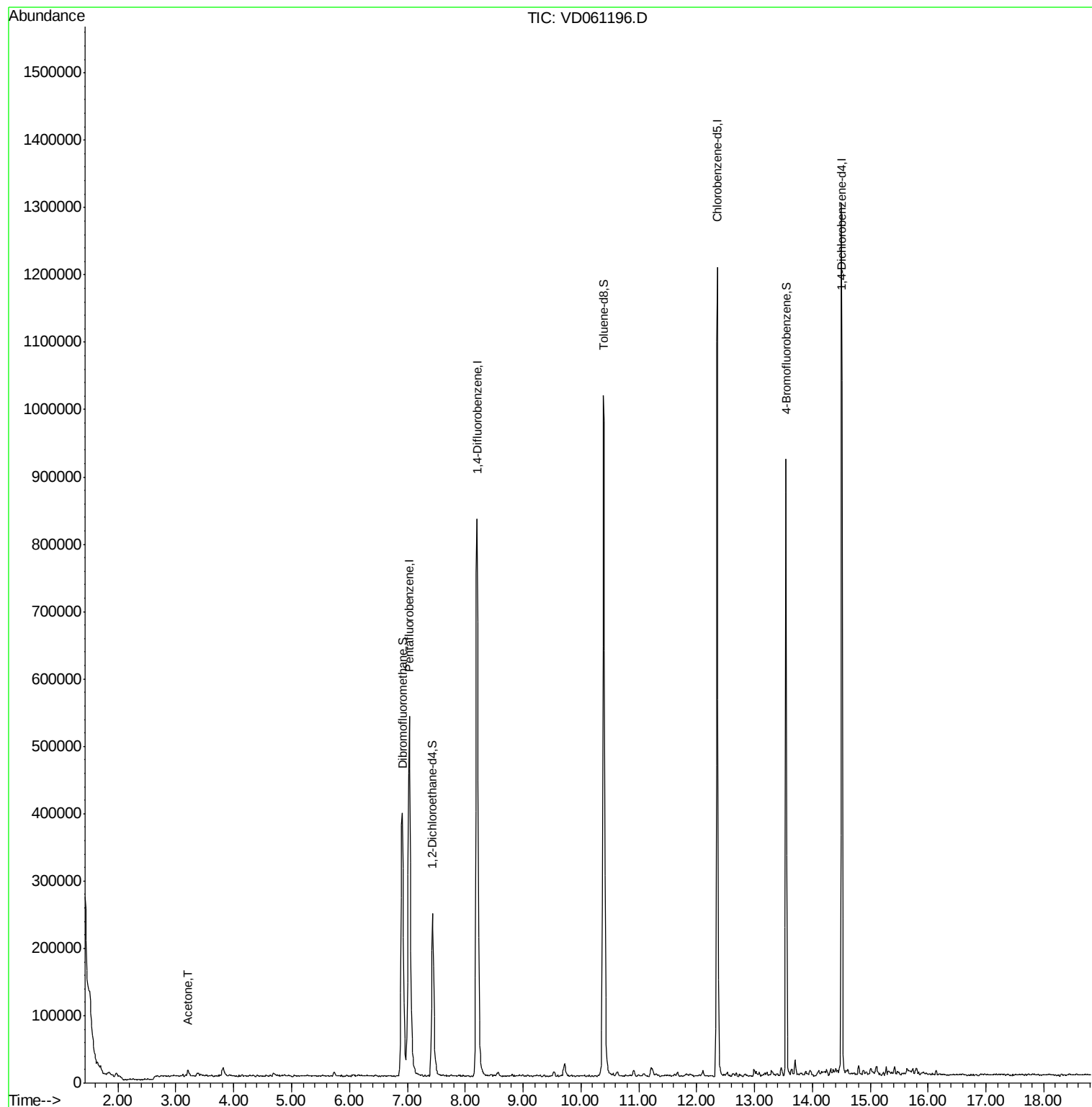
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	584073	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	1068597	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	806943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	318560	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	243728	50.13	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.26%	
35) Dibromofluoromethane	6.91	113	396753	50.03	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.06%	
50) Toluene-d8	10.39	98	932724	46.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.68%	
62) 4-Bromofluorobenzene	13.54	95	320297	41.45	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	82.90%	
Target Compounds						
16) Acetone	3.20	43	17734	12.756	ug/l	Qvalue 93

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

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

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Acq: 19 Mar 2019 20:21

Instrument :

MSVOA_D

ClientSampleId :

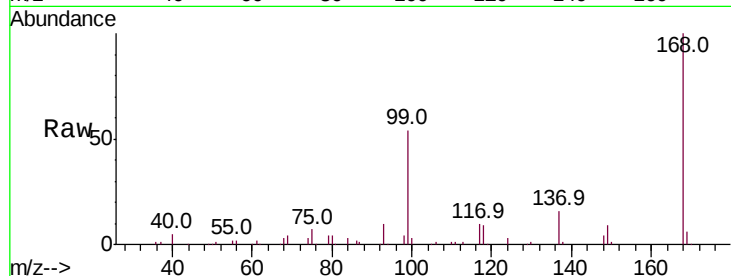
SB-8(14-15)-031519

Tot Ion:168 Resp: 584073

Ion Ratio Lower Upper

168 100

99 53.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

200000

150000

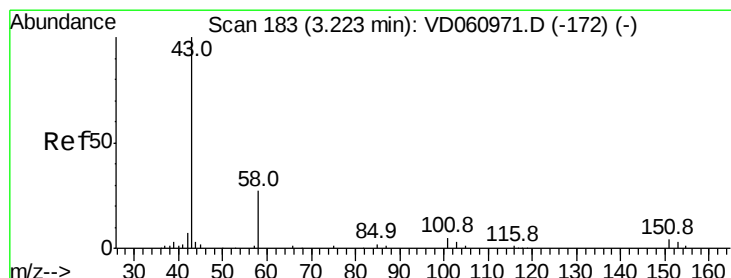
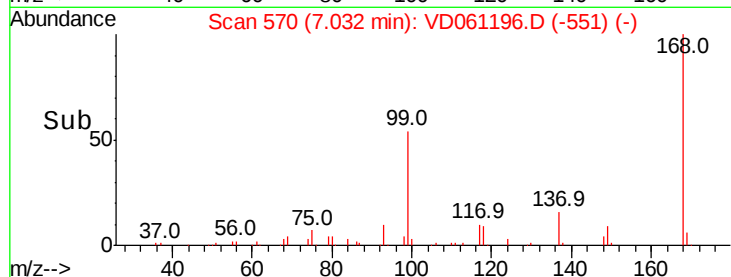
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 12.756 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD061196.D

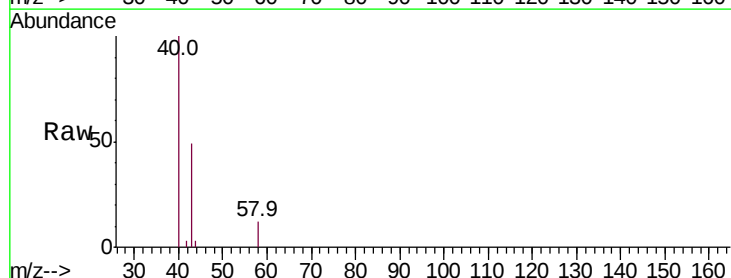
Acq: 19 Mar 2019 20:21

Tgt Ion: 43 Resp: 17734

Ion Ratio Lower Upper

43 100

58 23.5 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

6000

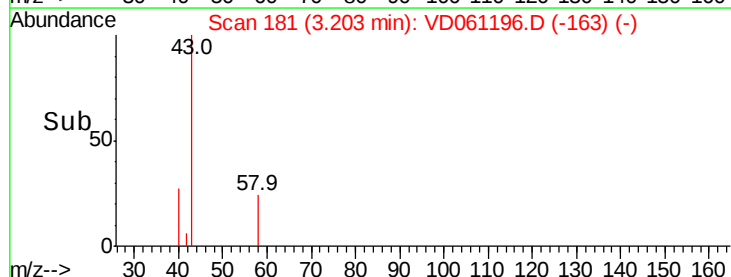
4000

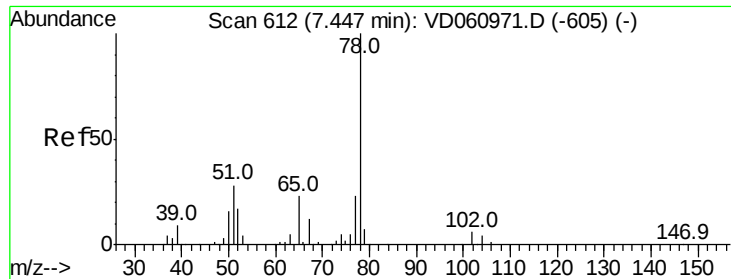
2000

0

3.10 3.20 3.30

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061196.D

Acq: 19 Mar 2019 20:21

Instrument :

MSVOA_D

ClientSampleId :

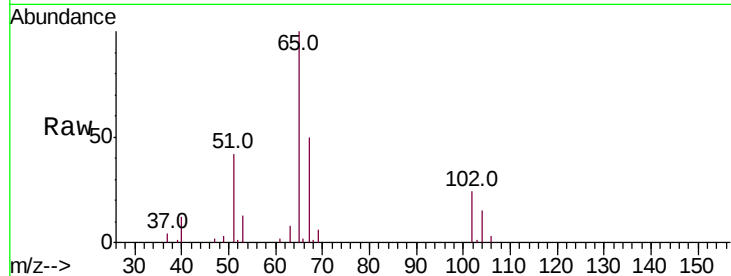
SB-8(14-15)-031519

Tot Ion: 65 Resp: 243728

Ion Ratio Lower Upper

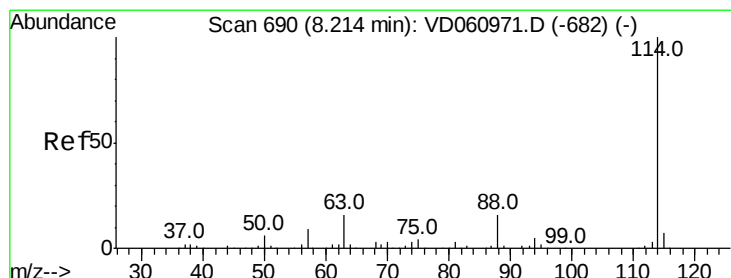
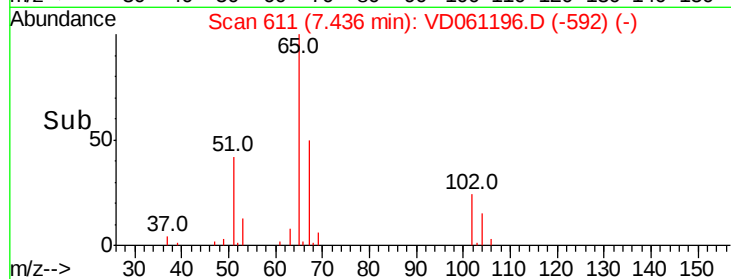
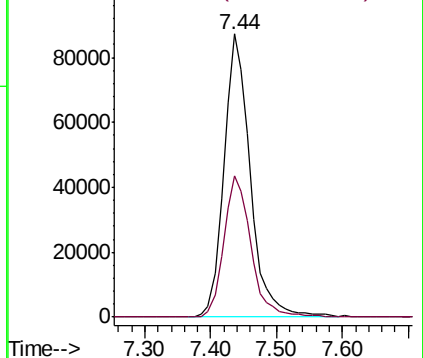
65 100

67 50.0 0.0 105.2



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: VD061196.D

Acq: 19 Mar 2019 20:21

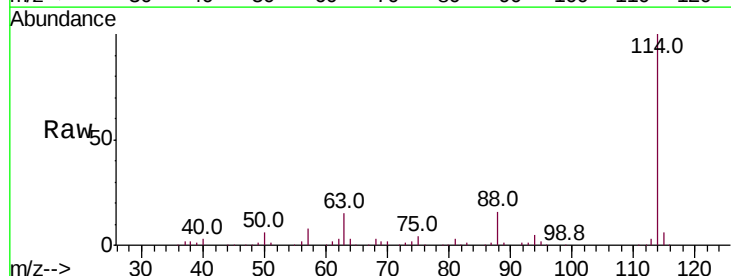
Tgt Ion: 114 Resp: 1068597

Ion Ratio Lower Upper

114 100

63 15.5 0.0 31.4

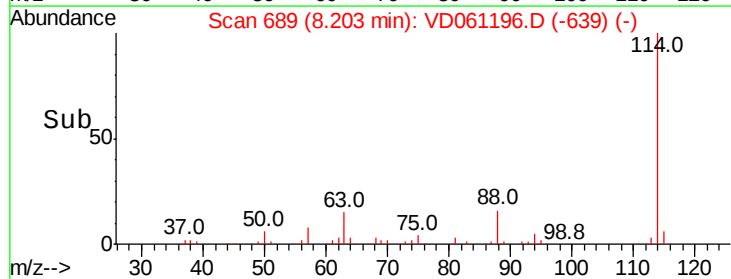
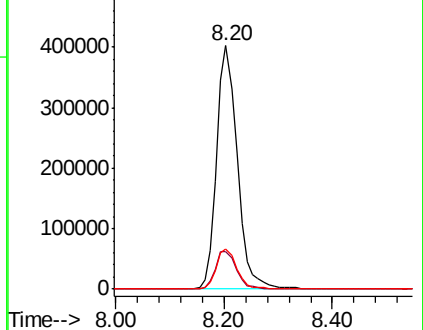
88 16.4 0.0 33.0

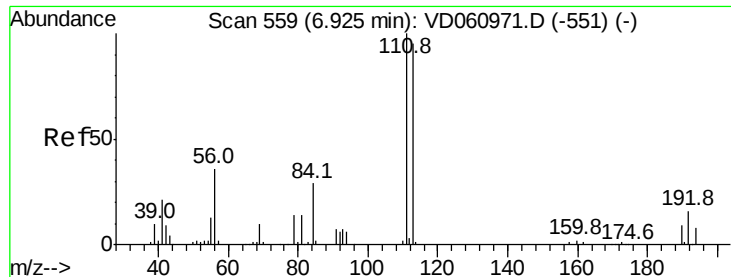


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

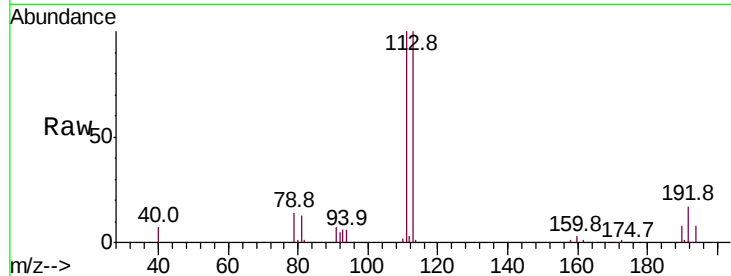




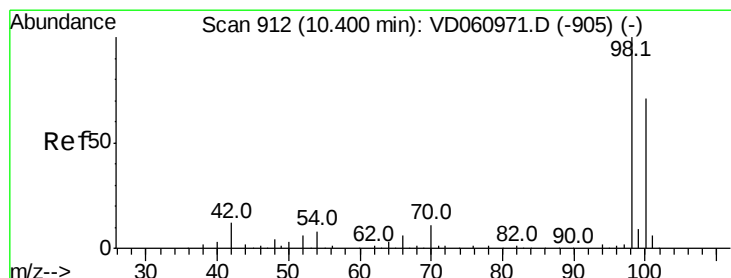
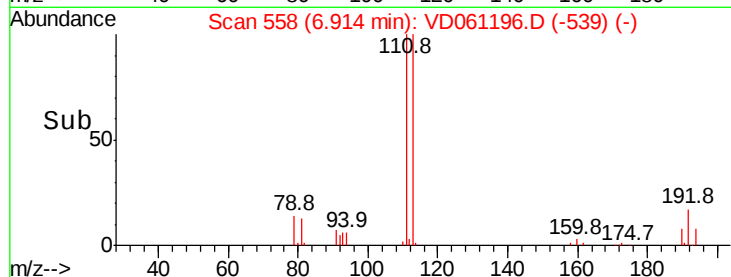
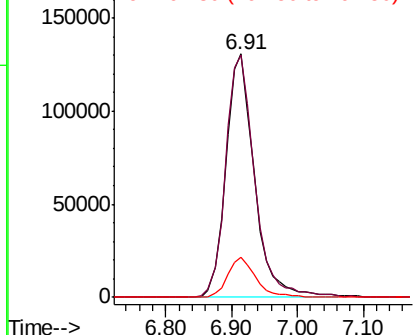
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.91 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD061196.D
Acq: 19 Mar 2019 20:21

Instrument :
MSVOA_D
ClientSampleId :
SB-8(14-15)-031519

Tot Ion:113 Resp: 396753
Ion Ratio Lower Upper
113 100
111 99.7 84.2 126.4
192 16.6 13.1 19.7

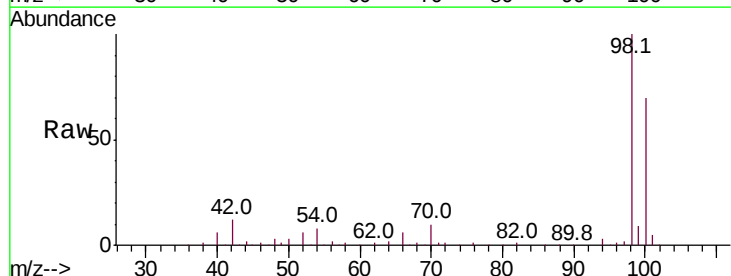


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

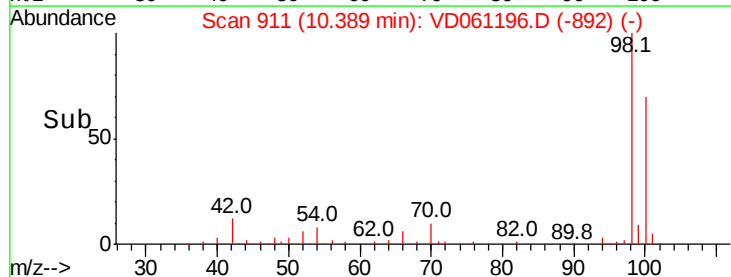
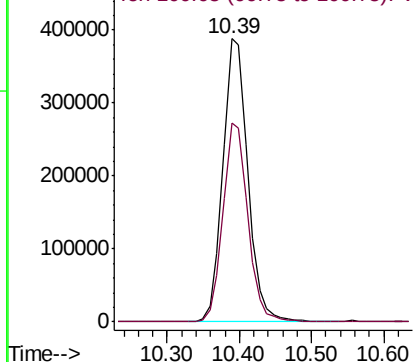


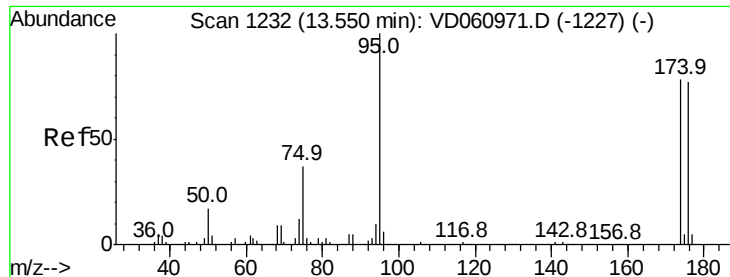
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD061196.D
Acq: 19 Mar 2019 20:21

Tgt Ion: 98 Resp: 932724
Ion Ratio Lower Upper
98 100
100 70.2 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VD





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061196.D

Acq: 19 Mar 2019 20:21

Instrument :

MSVOA_D

ClientSampleId :

SB-8(14-15)-031519

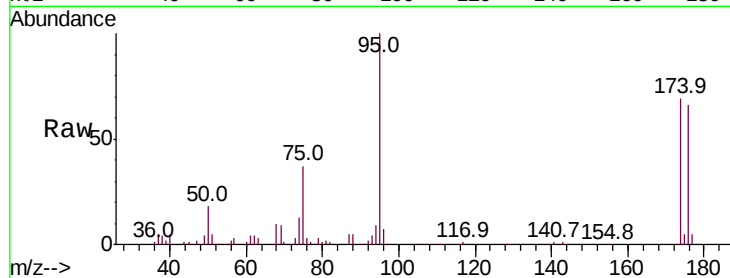
Tot Ion: 95 Resp: 320297

Ion Ratio Lower Upper

95 100

174 68.6 0.0 155.6

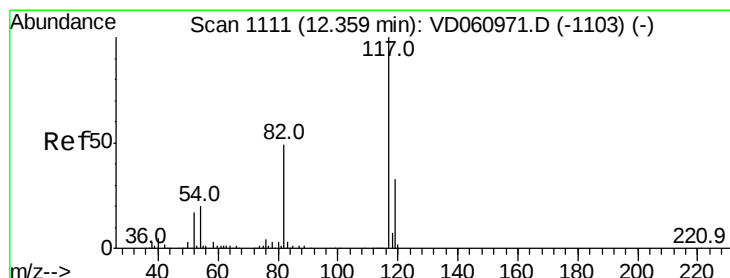
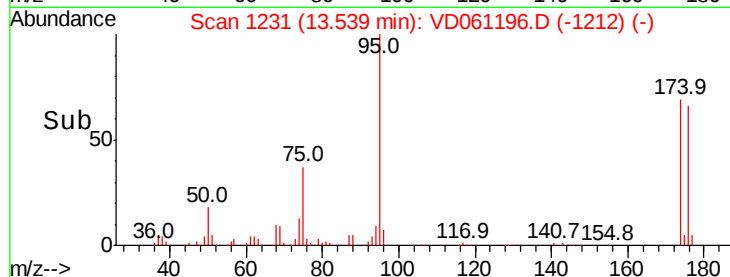
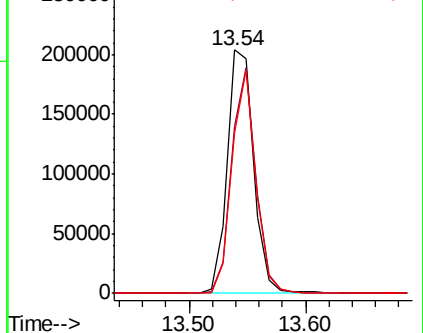
176 65.7 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD061196.D

Acq: 19 Mar 2019 20:21

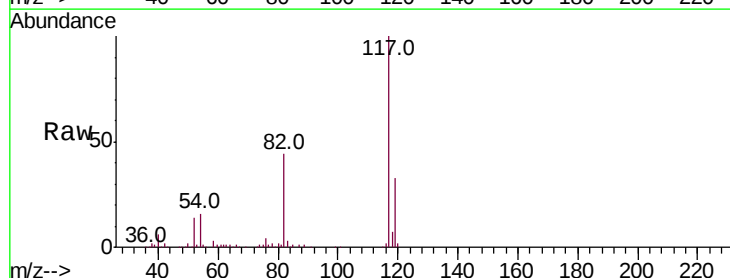
Tgt Ion: 117 Resp: 806943

Ion Ratio Lower Upper

117 100

82 44.4 38.9 58.3

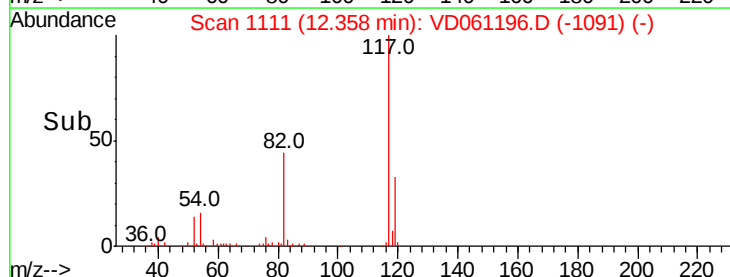
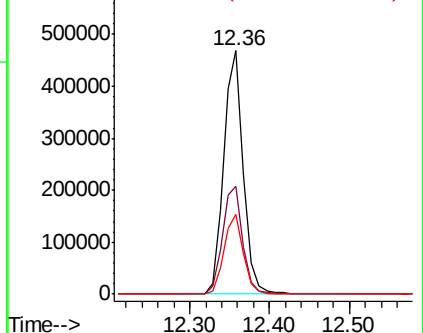
119 32.6 26.6 39.8

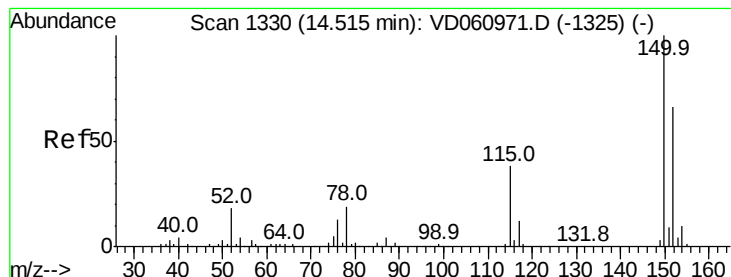


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.50 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD061196.D

Acq: 19 Mar 2019 20:21

Instrument :

MSVOA_D

ClientSampleId :

SB-8(14-15)-031519

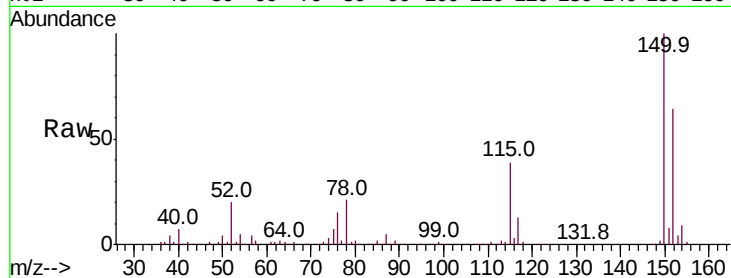
Tot Ion:152 Resp: 318560

Ion Ratio Lower Upper

152 100

115 61.3 28.6 85.9

150 155.7 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

