

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061063.D
 Acq On : 14 Mar 2019 14:31
 Operator : VA/AP
 Sample : K1869-01RE
 Misc : 5.78g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1RE

Quant Time: Mar 15 03:18:33 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

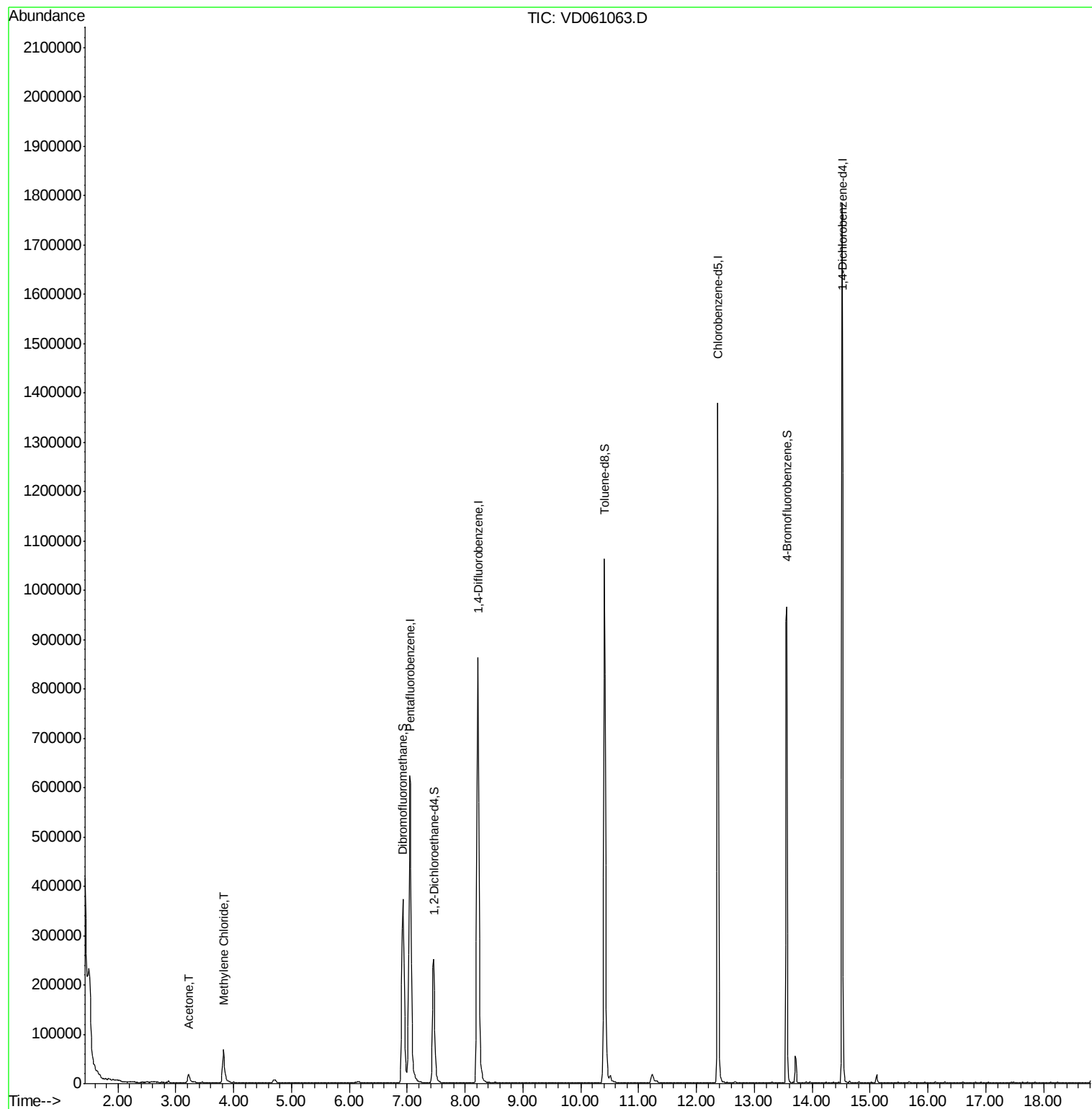
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	653910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1116938	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	899720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	415886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	236798	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.02%	
35) Dibromofluoromethane	6.92	113	376216	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
50) Toluene-d8	10.41	98	917935	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.20%	
62) 4-Bromofluorobenzene	13.55	95	342624	42.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.84%	
Target Compounds						
16) Acetone	3.22	43	35856	23.036	ug/l	93
20) Methylene Chloride	3.82	84	49844	2.602	ug/l	88

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061063.D

Acq: 14 Mar 2019 14:31

Instrument :

MSVOA_D

ClientSampleId :

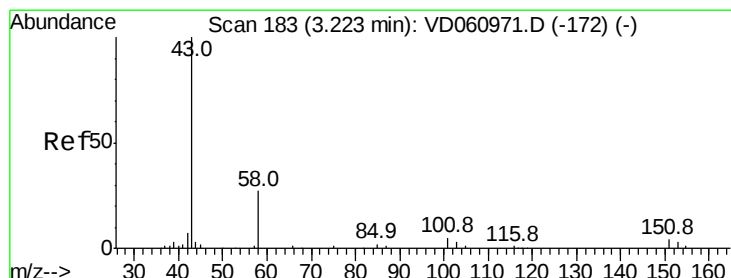
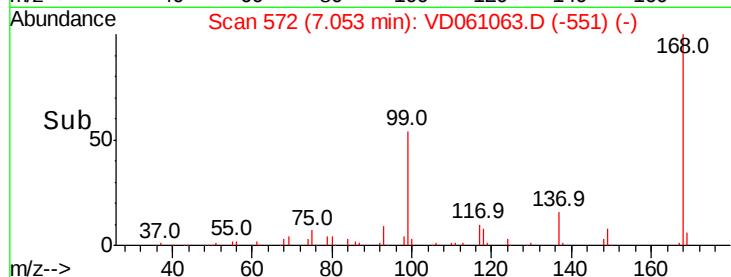
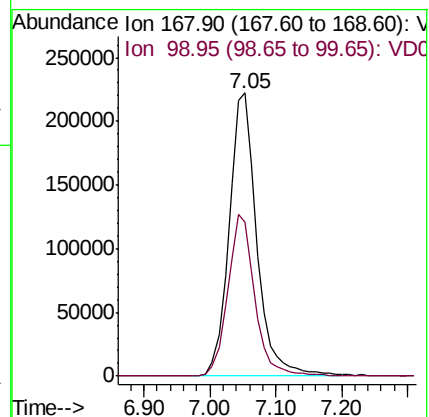
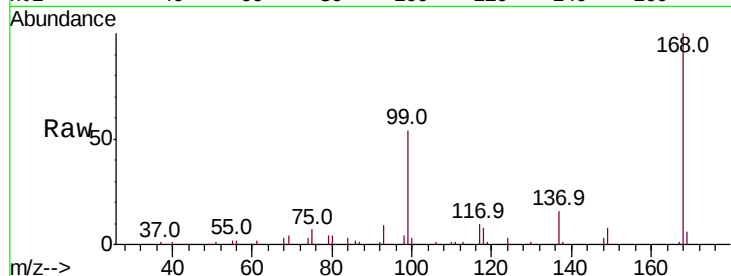
SP-1RE

Tot Ion:168 Resp: 653910

Ion Ratio Lower Upper

168 100

99 54.3 47.3 70.9



#16

Acetone

Concen: 23.036 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061063.D

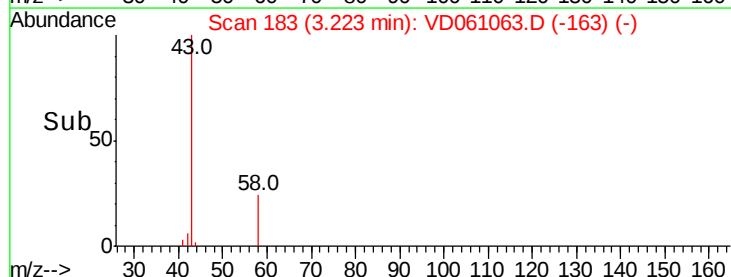
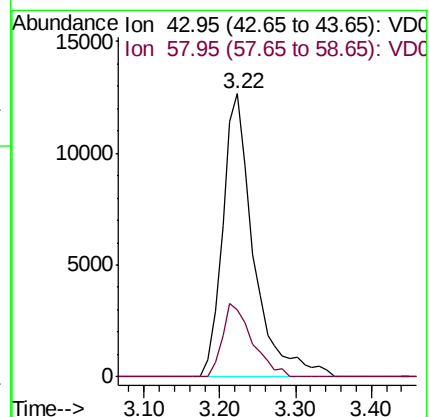
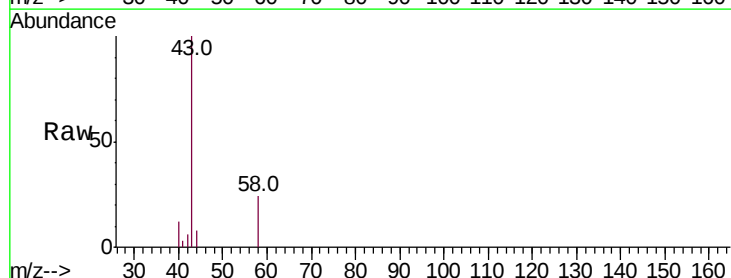
Acq: 14 Mar 2019 14:31

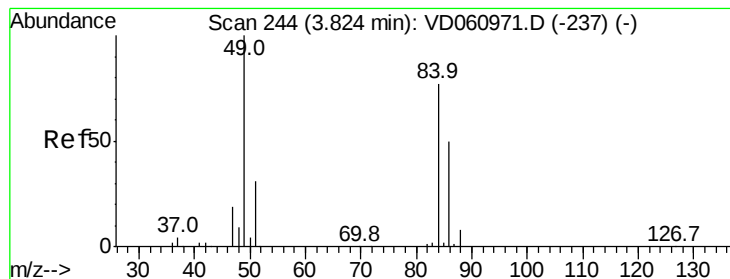
Tgt Ion: 43 Resp: 35856

Ion Ratio Lower Upper

43 100

58 23.6 21.6 32.4





#20

Methylene Chloride

Concen: 2.602 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.00 min

Lab File: VD061063.D

Acq: 14 Mar 2019 14:31

Instrument :

MSVOA_D

ClientSampleId :

SP-1RE

Tot Ion: 84 Resp: 49844

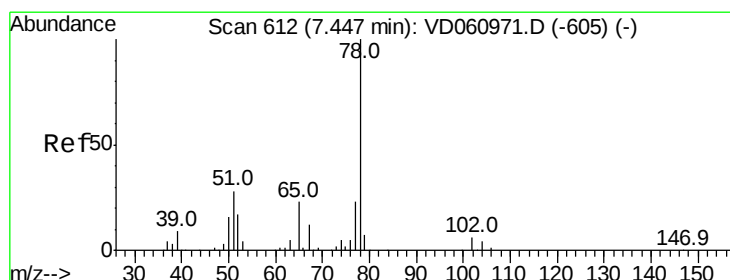
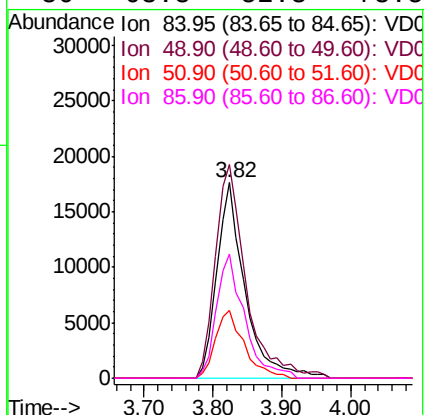
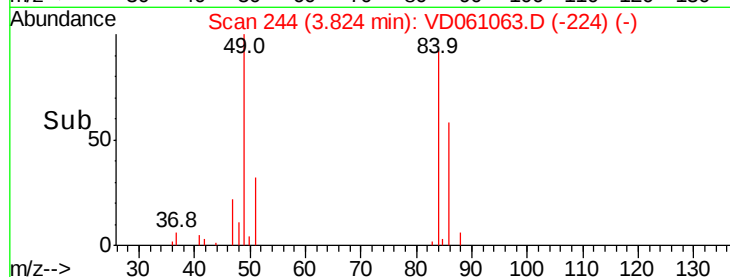
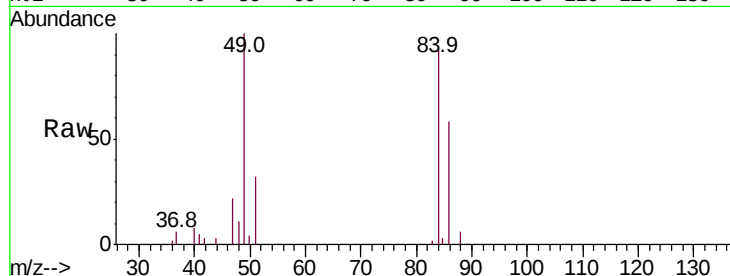
Ion Ratio Lower Upper

84 100

49 109.2 104.2 156.2

51 34.7 32.3 48.5

86 63.8 52.3 78.5



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061063.D

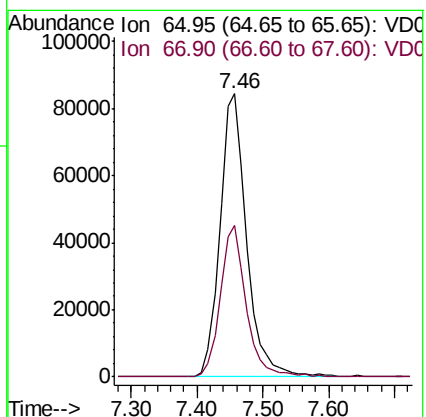
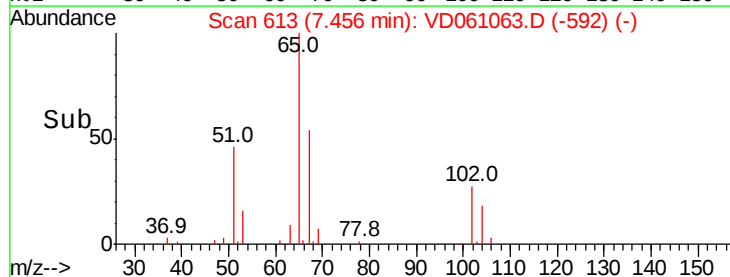
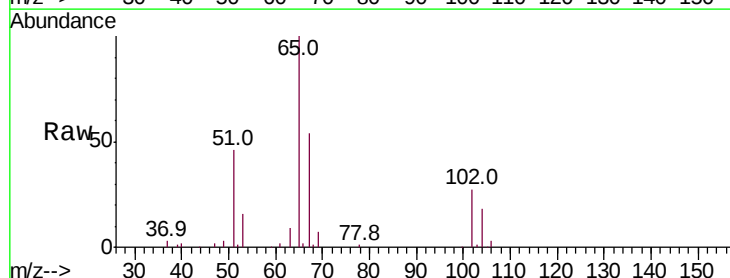
Acq: 14 Mar 2019 14:31

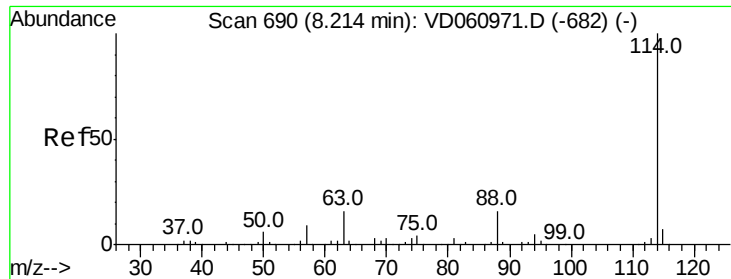
Tgt Ion: 65 Resp: 236798

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.2

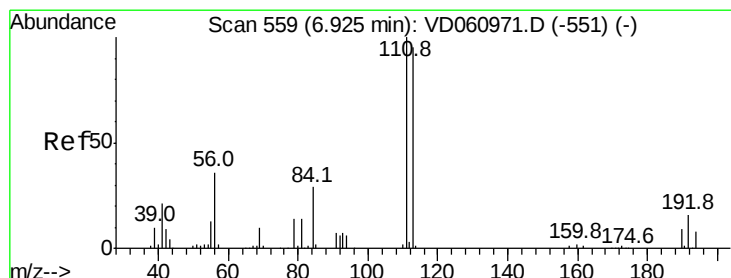
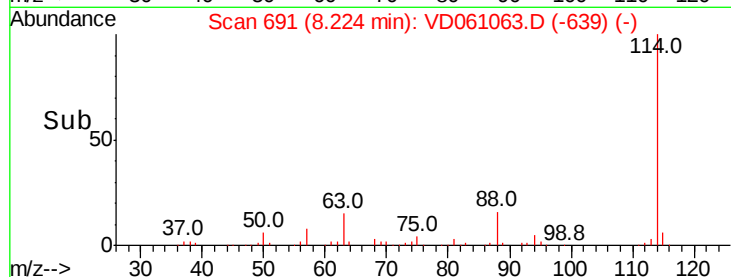
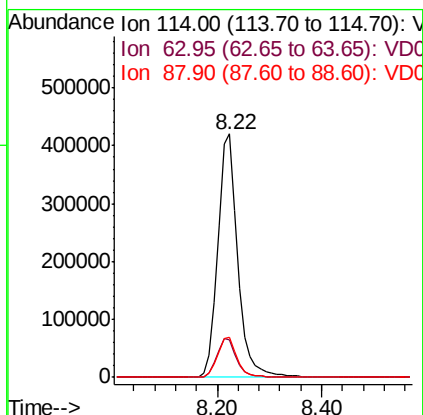
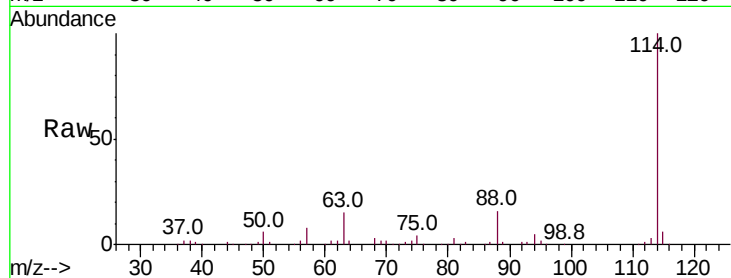




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061063.D
 Acq: 14 Mar 2019 14:31

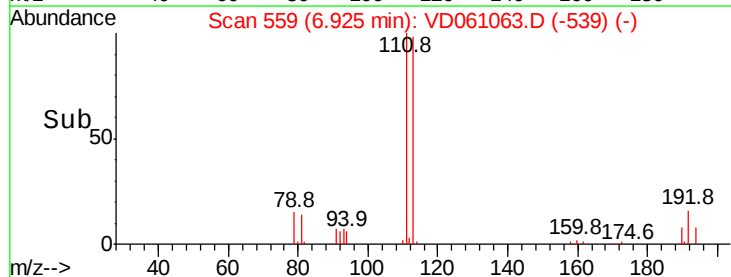
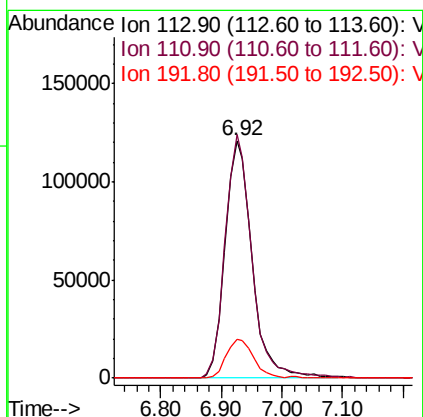
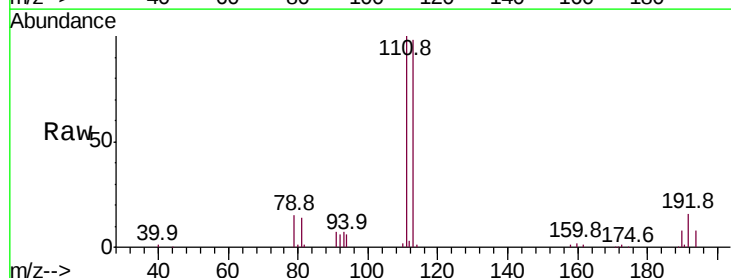
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1RE

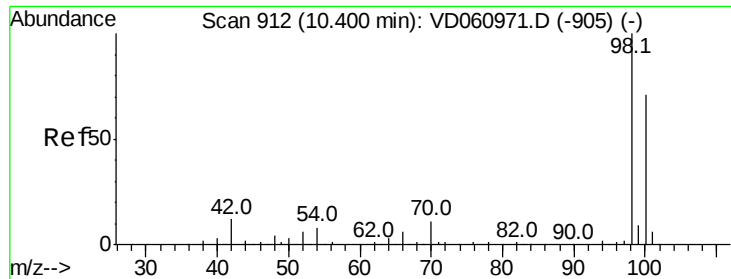
Tot Ion:114 Resp: 1116938
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.4
 88 16.5 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061063.D
 Acq: 14 Mar 2019 14:31

Tgt Ion:113 Resp: 376216
 Ion Ratio Lower Upper
 113 100
 111 102.5 84.2 126.4
 192 16.1 13.1 19.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061063.D

Acq: 14 Mar 2019 14:31

Instrument :

MSVOA_D

ClientSampleId :

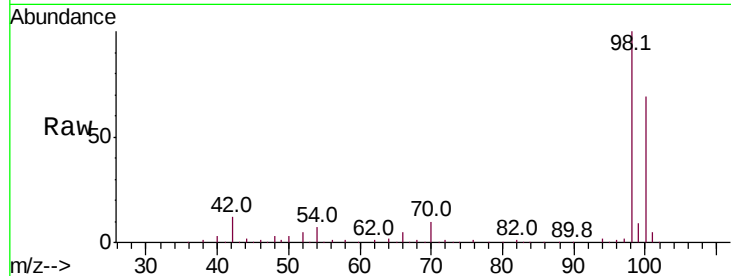
SP-1RE

Tot Ion: 98 Resp: 917935

Ion Ratio Lower Upper

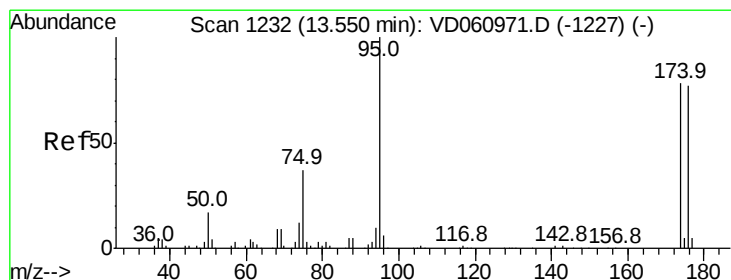
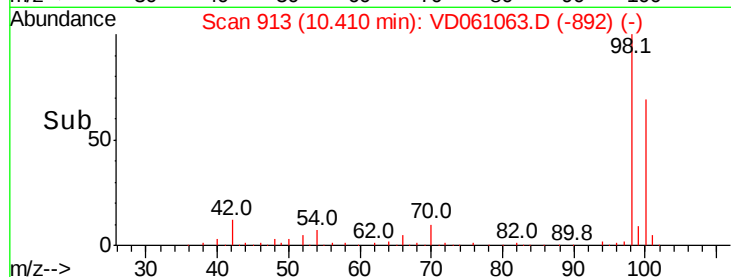
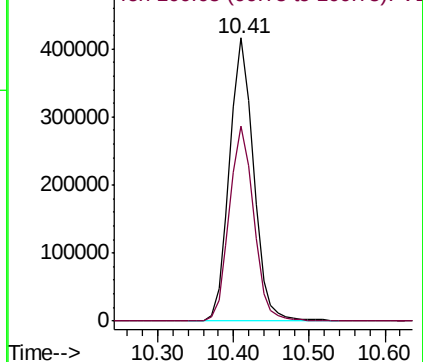
98 100

100 68.8 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061063.D

Acq: 14 Mar 2019 14:31

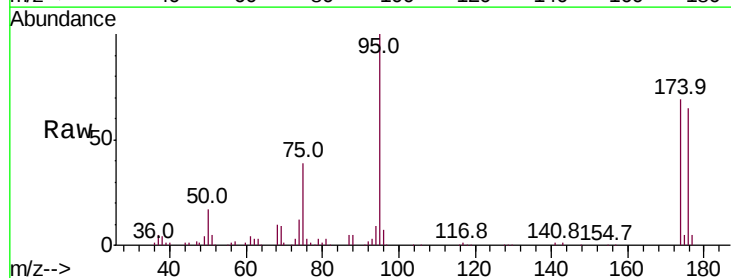
Tgt Ion: 95 Resp: 342624

Ion Ratio Lower Upper

95 100

174 69.5 0.0 155.6

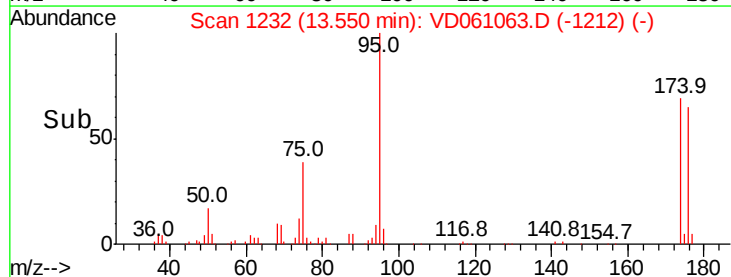
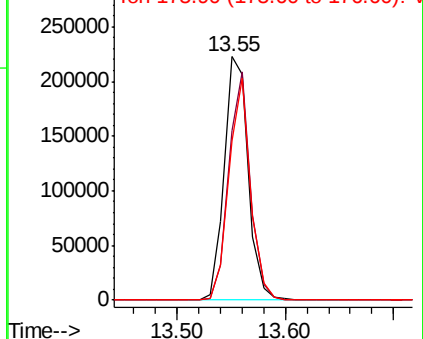
176 65.3 0.0 153.8

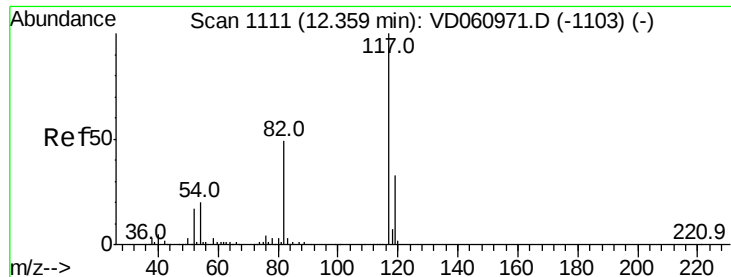


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

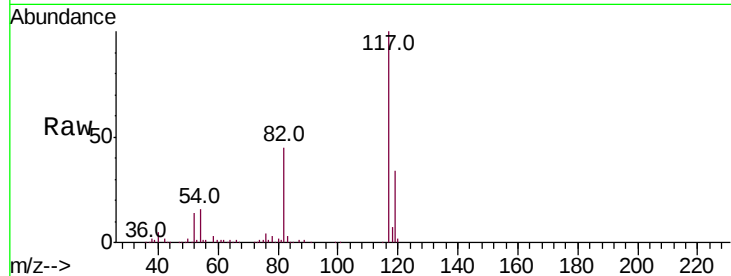




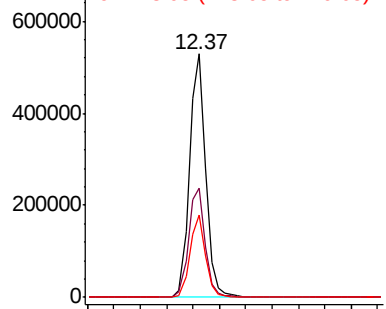
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061063.D
Acq: 14 Mar 2019 14:31

Instrument :
MSVOA_D
ClientSampleId :
SP-1RE

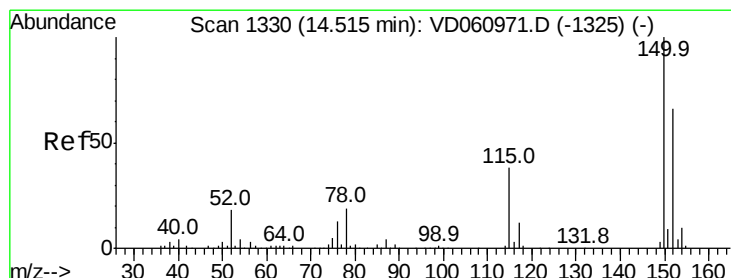
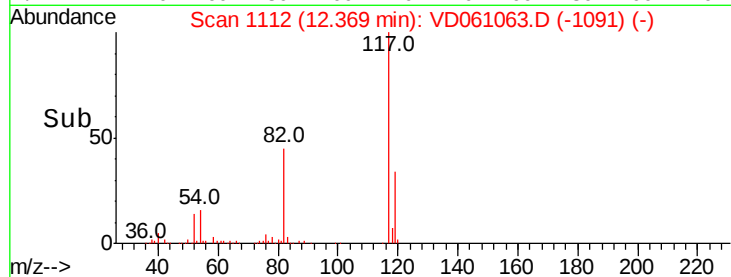
Tot Ion:117 Resp: 899720
Ion Ratio Lower Upper
117 100
82 45.0 38.9 58.3
119 33.8 26.6 39.8



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

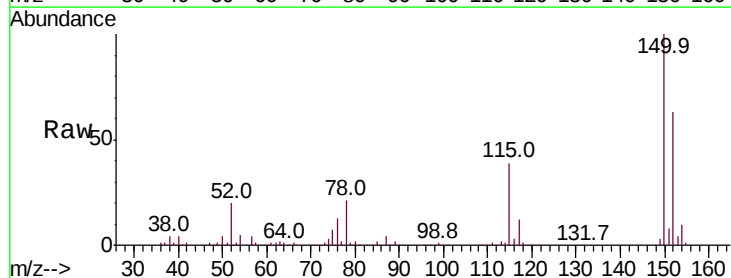


Time--> 12.20 12.40 12.60

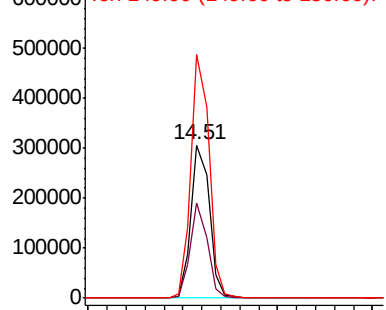


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061063.D
Acq: 14 Mar 2019 14:31

Tgt Ion:152 Resp: 415886
Ion Ratio Lower Upper
152 100
115 62.0 28.6 85.9
150 158.9 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



Time--> 14.40 14.50 14.60

