

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032319\
 Data File : VD061289.D
 Acq On : 23 Mar 2019 19:10
 Operator : VA/AP
 Sample : K2050-05RE
 Misc : 6.36g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-1RE

Quant Time: Mar 25 06:02:32 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	442678	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	677837	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	384210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	77984	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	211734	57.46	ug/l	0.01
Spiked Amount			Recovery	=	114.92%	
35) Dibromofluoromethane	6.93	113	315717	62.76	ug/l	0.00
Spiked Amount			Recovery	=	125.52%	
50) Toluene-d8	10.41	98	585364	46.34	ug/l	0.01
Spiked Amount			Recovery	=	92.68%	
62) 4-Bromofluorobenzene	13.56	95	117915	24.06	ug/l	0.00
Spiked Amount			Recovery	=	48.12%	

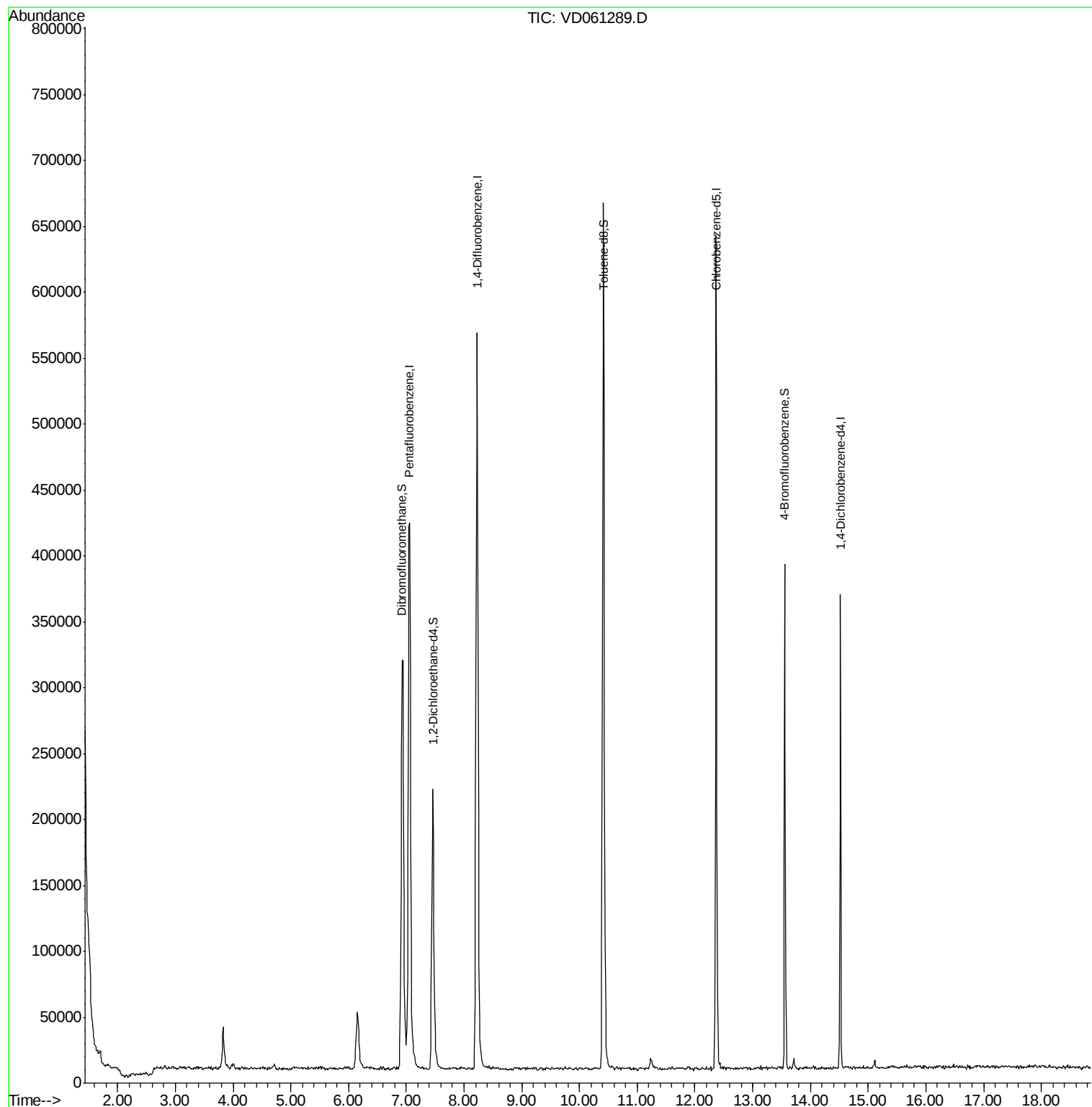
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061289.D

Acq: 23 Mar 2019 19:10

Instrument :

MSVOA_D

ClientSampleId :

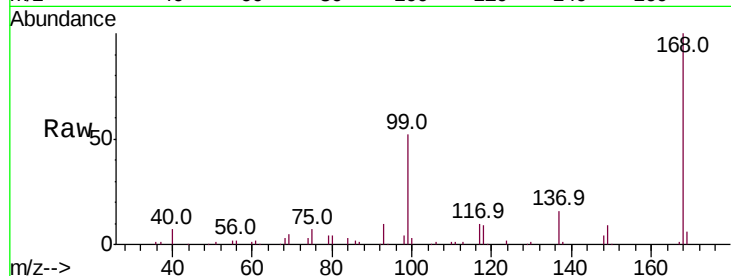
CS-1RE

Tot Ion:168 Resp: 442678

Ion Ratio Lower Upper

168 100

99 52.3 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

150000

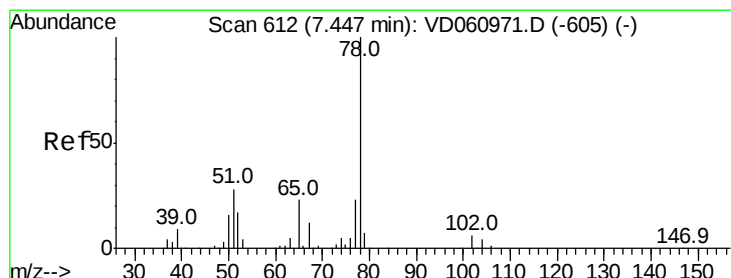
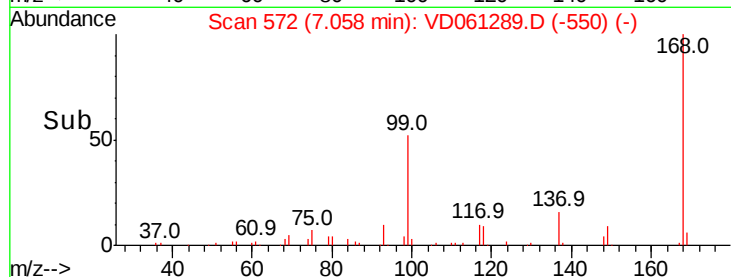
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061289.D

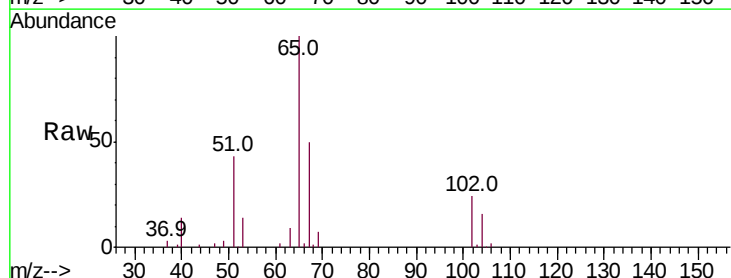
Acq: 23 Mar 2019 19:10

Tgt Ion: 65 Resp: 211734

Ion Ratio Lower Upper

65 100

67 50.3 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

80000

60000

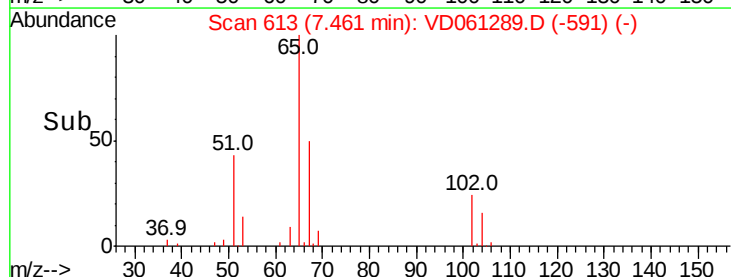
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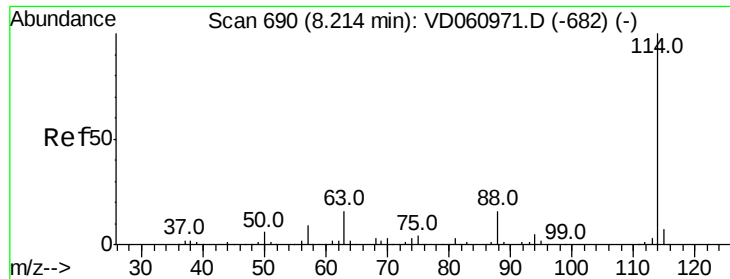
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0

Time-->

7.30 7.40 7.50 7.60

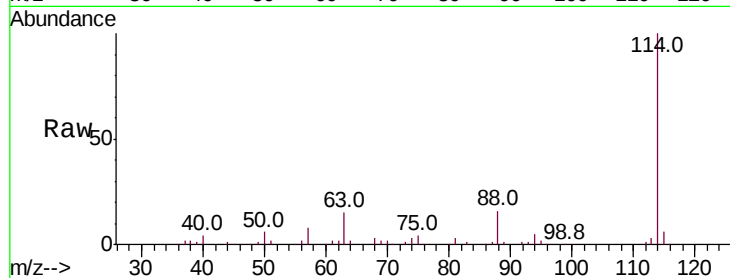




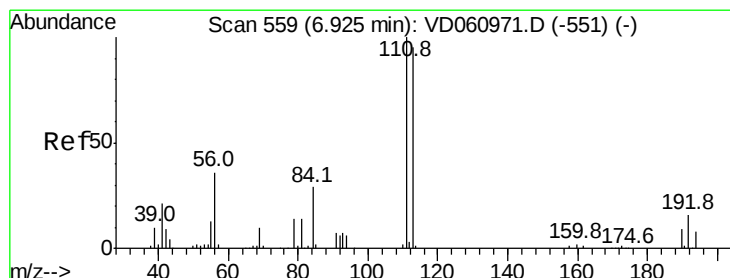
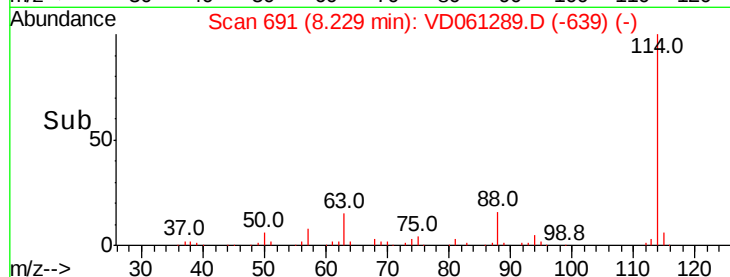
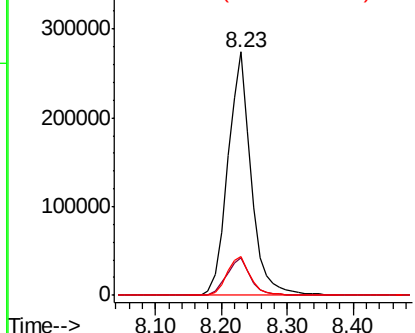
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061289.D
 Acq: 23 Mar 2019 19:10

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-1RE

Tot Ion:114 Resp: 677837
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 31.4
 88 15.9 0.0 33.0

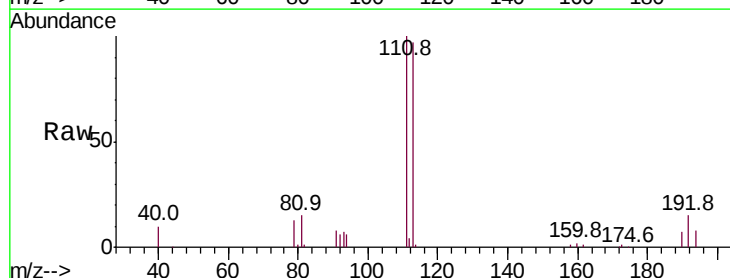


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

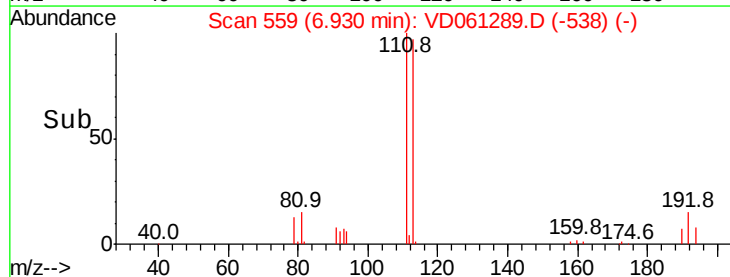
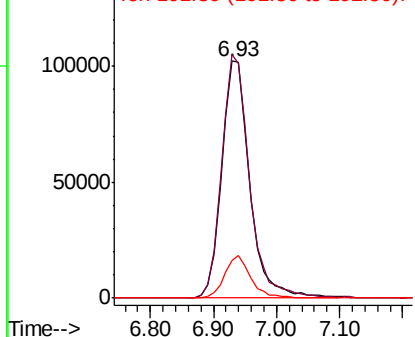


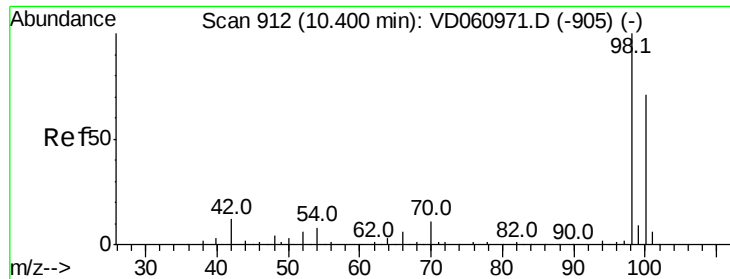
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD061289.D
 Acq: 23 Mar 2019 19:10

Tgt Ion:113 Resp: 315717
 Ion Ratio Lower Upper
 113 100
 111 102.7 84.2 126.4
 192 15.9 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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061289.D

Acq: 23 Mar 2019 19:10

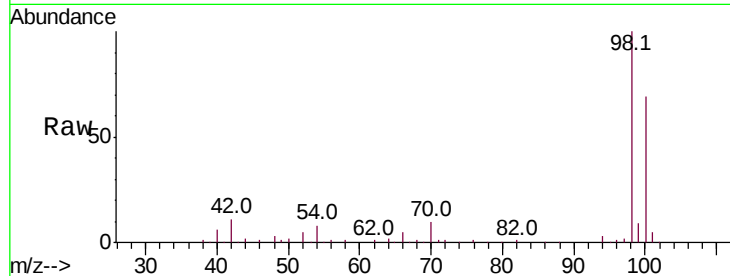
Instrument :
MSVOA_D
ClientSampleId :
CS-1RE

Tot Ion: 98 Resp: 585364

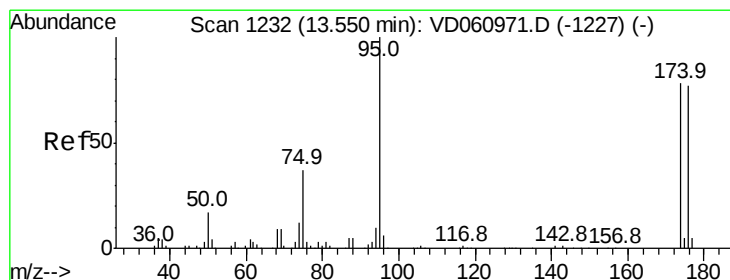
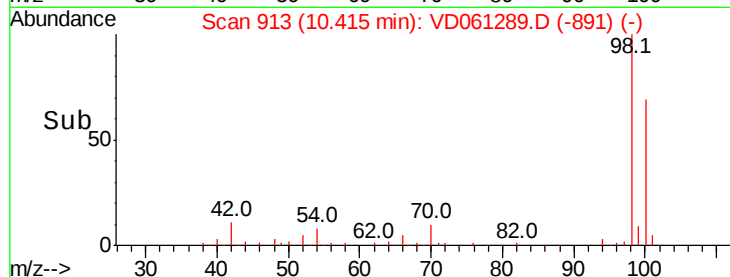
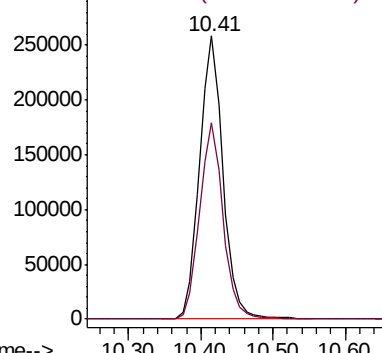
Ion Ratio Lower Upper

98 100

100 69.5 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: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061289.D

Acq: 23 Mar 2019 19:10

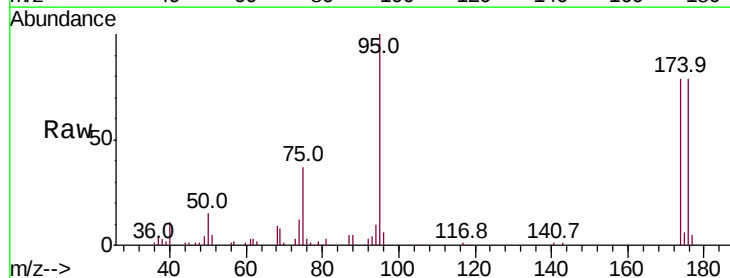
Tgt Ion: 95 Resp: 117915

Ion Ratio Lower Upper

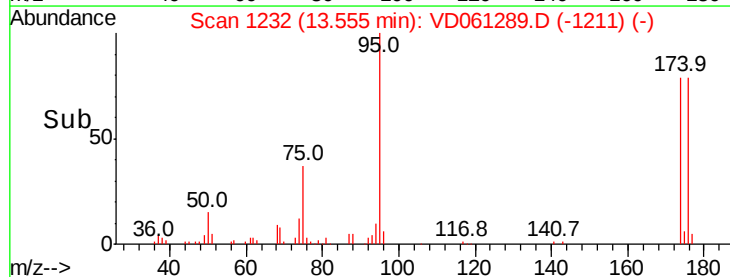
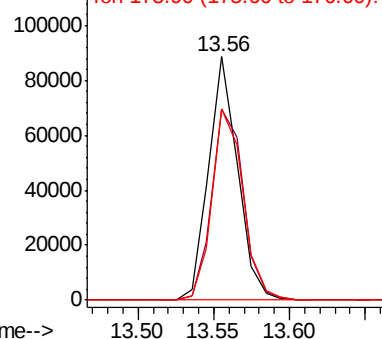
95 100

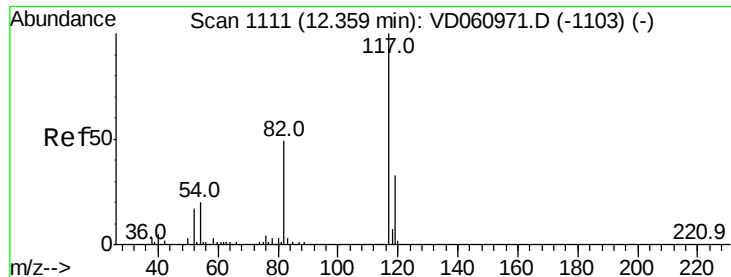
174 78.5 0.0 155.6

176 78.6 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

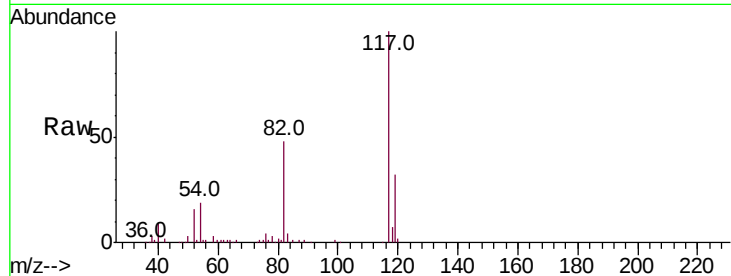




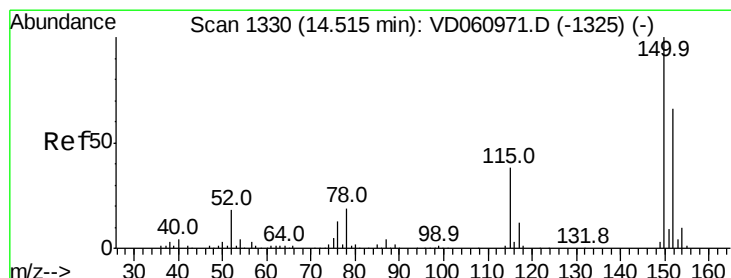
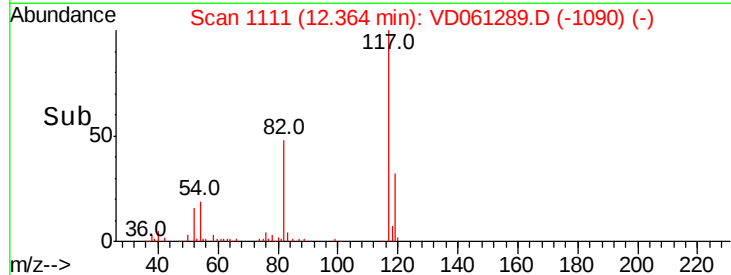
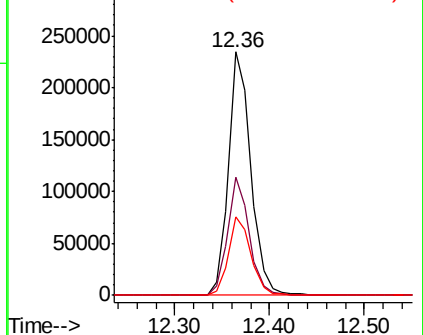
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061289.D
Acq: 23 Mar 2019 19:10

Instrument :
MSVOA_D
ClientSampleId :
CS-1RE

Tot Ion:117 Resp: 384210
Ion Ratio Lower Upper
117 100
82 48.5 38.9 58.3
119 32.1 26.6 39.8

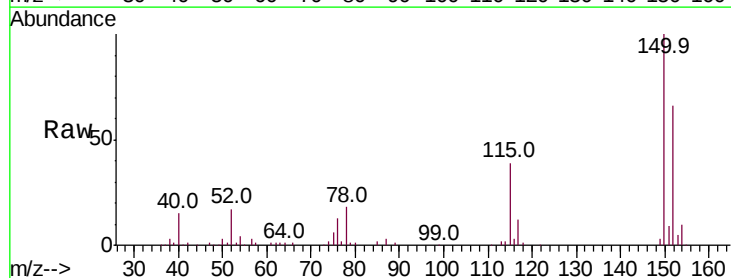


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061289.D
Acq: 23 Mar 2019 19:10

Tgt Ion:152 Resp: 77984
Ion Ratio Lower Upper
152 100
115 58.4 28.6 85.9
150 151.5 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

