

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
 Data File : VD059800.D
 Acq On : 15 Aug 2018 17:21
 Operator : VA/AP
 Sample : J4477-02
 Misc : 9.80g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 16 07:47:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

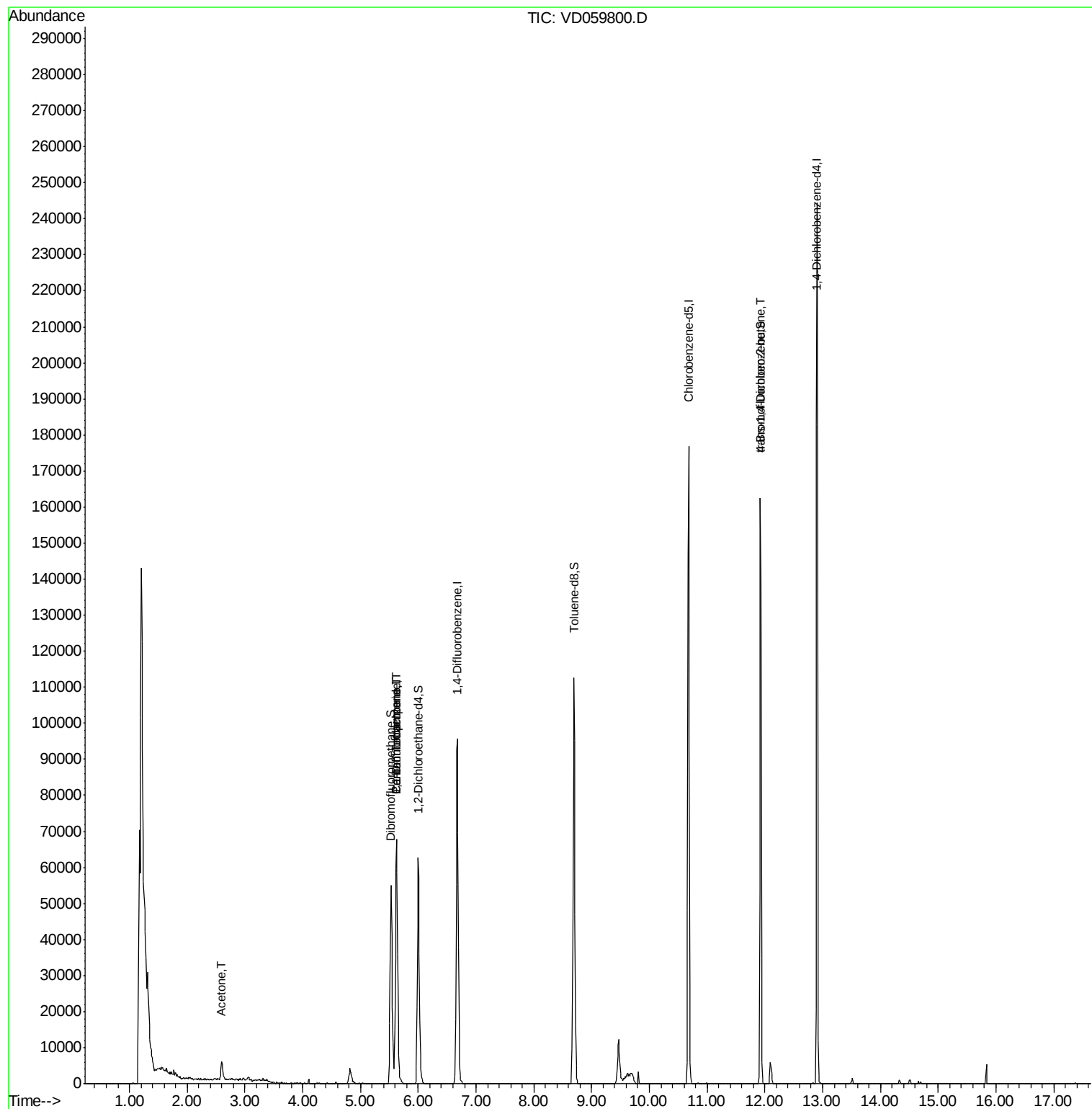
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	66655	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	99746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	92402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	51411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	66502	77.65	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	155.30%	
35) Dibromofluoromethane	5.54	113	45976	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
50) Toluene-d8	8.69	98	89161	43.31	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.62%	
62) 4-Bromofluorobenzene	11.92	95	47493	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
Target Compounds						
16) Acetone	2.59	43	8787	65.014	ug/l #	85
36) 1,1-Dichloropropene	5.62	75	5837	5.704	ug/l #	43
38) Carbon Tetrachloride	5.61	117	5668	4.591	ug/l #	13
81) trans-1,4-Dichloro-2-buten	11.92	75	24370	142.801	ug/l #	1

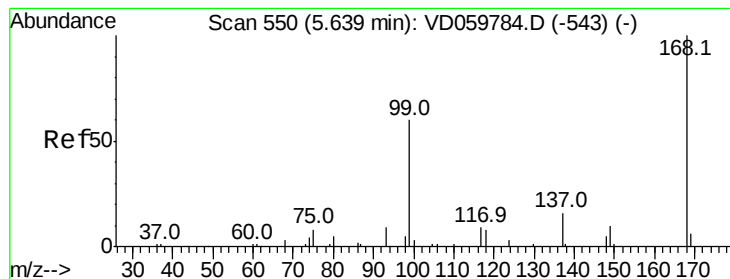
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD059800.D

Acq: 15 Aug 2018 17:21

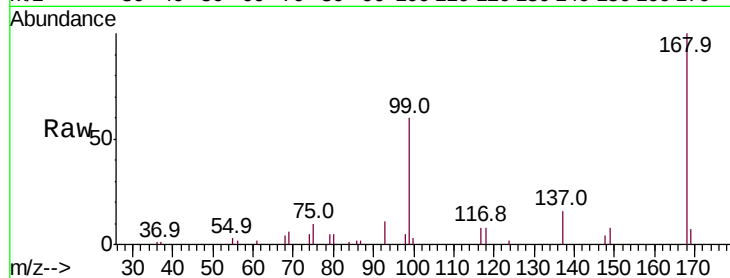
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 66655

Ion Ratio Lower Upper

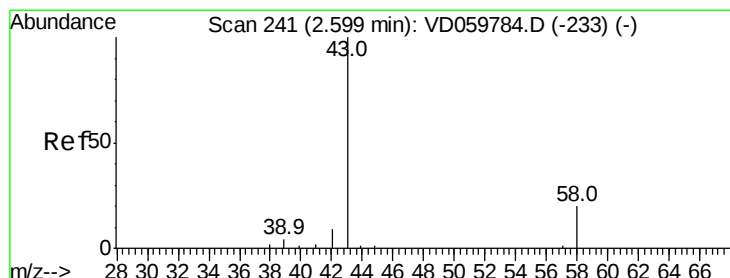
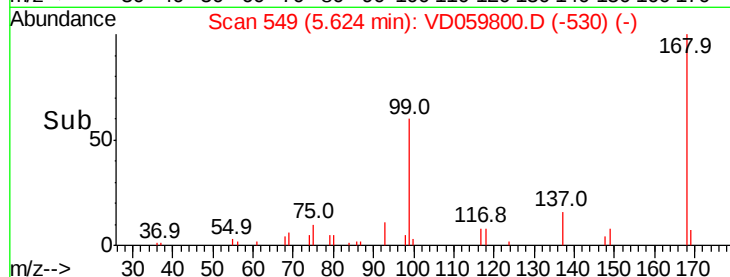
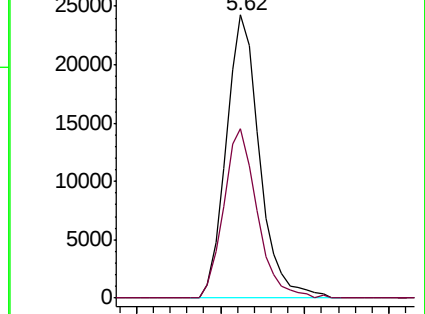
168 100

99 60.0 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 65.014 ug/l

RT: 2.59 min Scan# 241

Delta R.T. -0.01 min

Lab File: VD059800.D

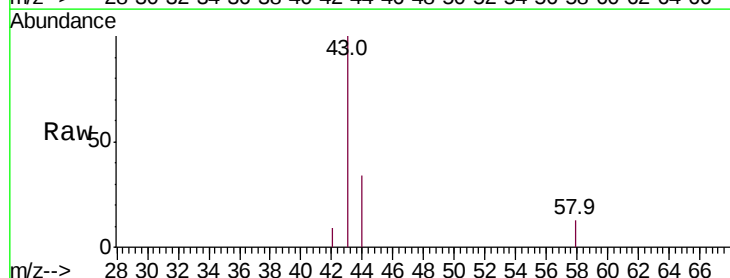
Acq: 15 Aug 2018 17:21

Tgt Ion: 43 Resp: 8787

Ion Ratio Lower Upper

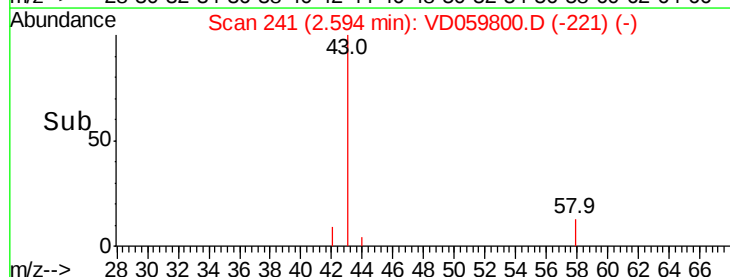
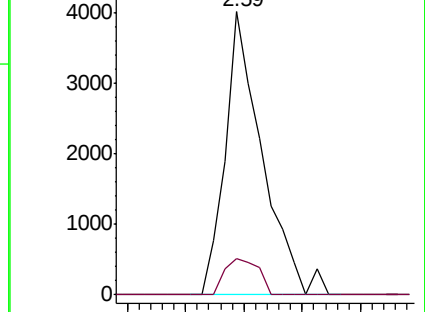
43 100

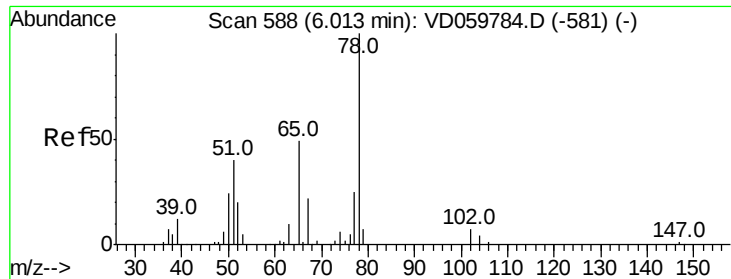
58 12.7 15.7 23.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

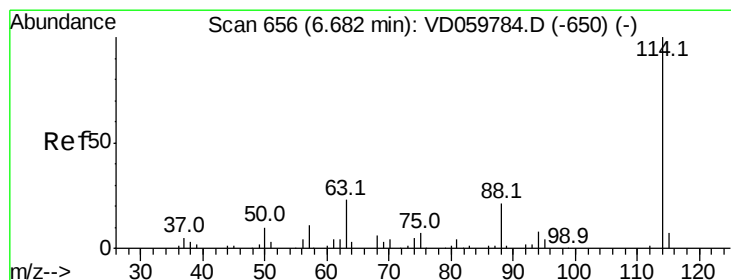
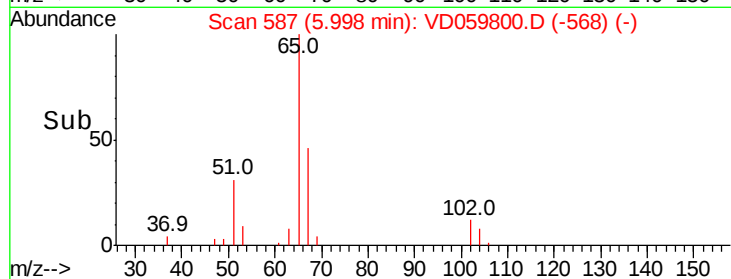
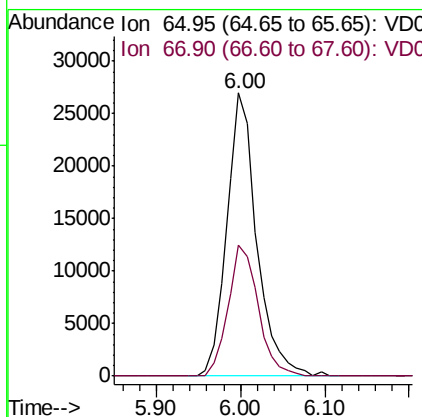
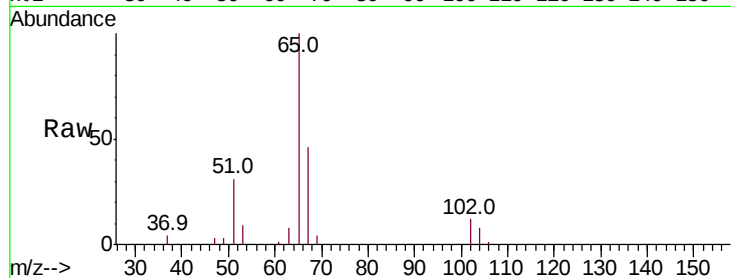




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: VD059800.D
 Acq: 15 Aug 2018 17:21

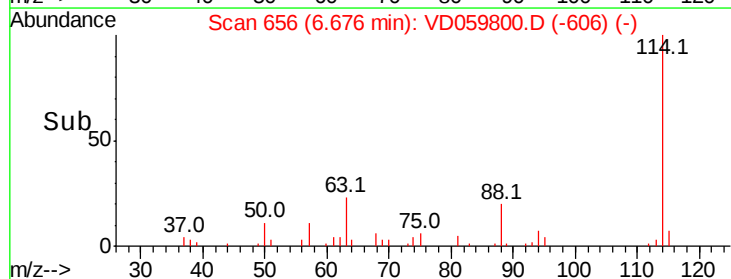
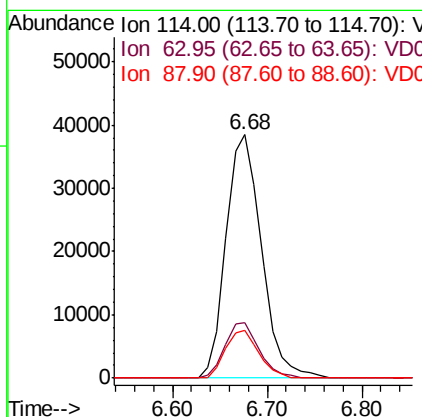
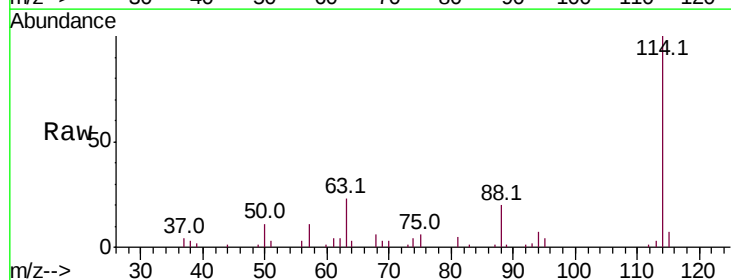
Instrument :
 MSVOA_D
 ClientSampleId :

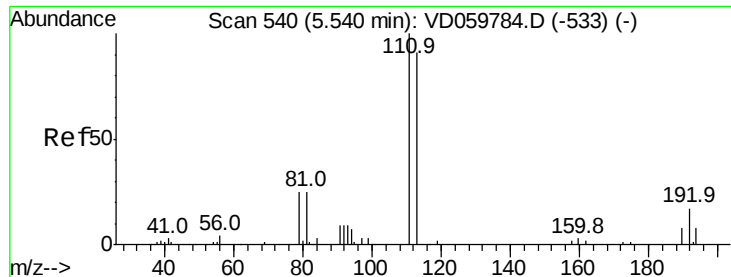
Tot Ion: 65 Resp: 66502
 Ion Ratio Lower Upper
 65 100
 67 46.3 0.0 87.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD059800.D
 Acq: 15 Aug 2018 17:21

Tgt Ion: 114 Resp: 99746
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 19.6 0.0 41.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.01 min

Lab File: VD059800.D

Acq: 15 Aug 2018 17:21

Instrument :

MSVOA_D

ClientSampleId :

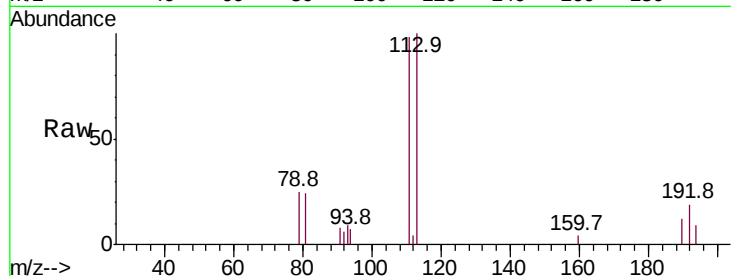
Tot Ion:113 Resp: 45976

Ion Ratio Lower Upper

113 100

111 98.2 87.7 131.5

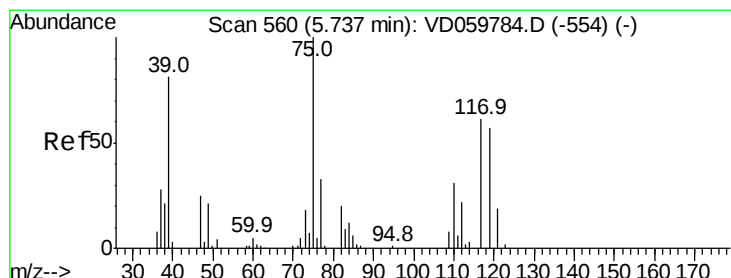
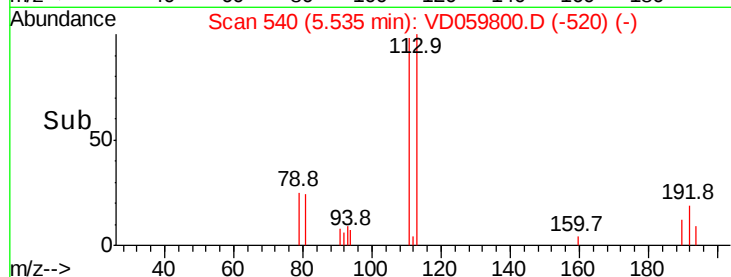
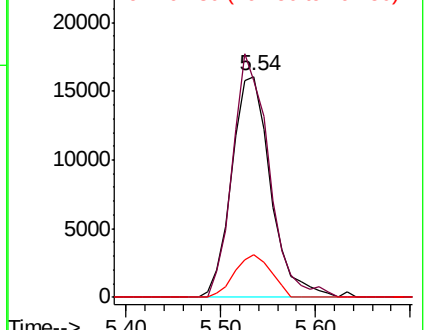
192 19.4 14.6 21.8



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



#36

1,1-Dichloropropene

Concen: 5.704 ug/l

RT: 5.62 min Scan# 549

Delta R.T. -0.11 min

Lab File: VD059800.D

Acq: 15 Aug 2018 17:21

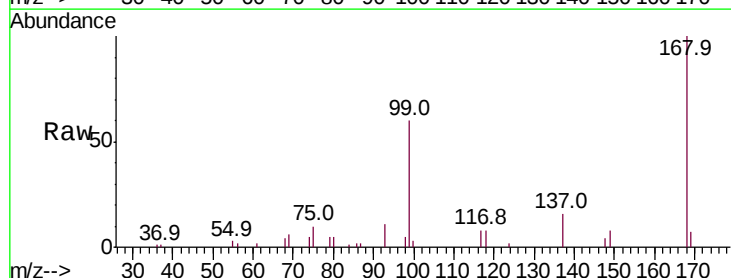
Tgt Ion: 75 Resp: 5837

Ion Ratio Lower Upper

75 100

110 0.0 15.3 45.8#

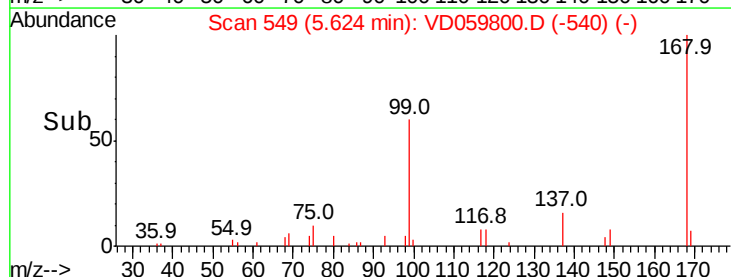
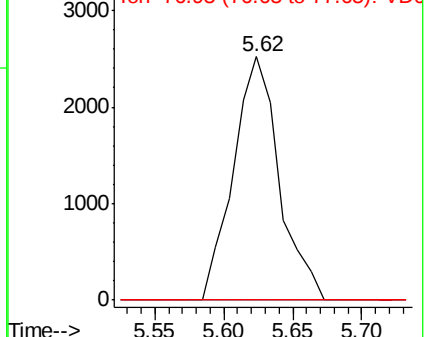
77 0.0 26.2 39.4#

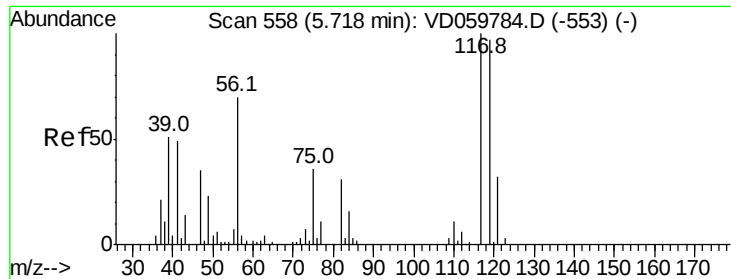


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

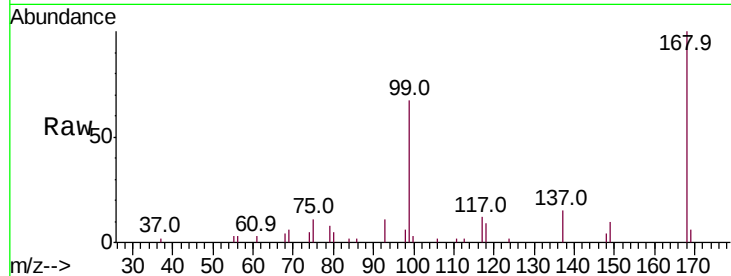




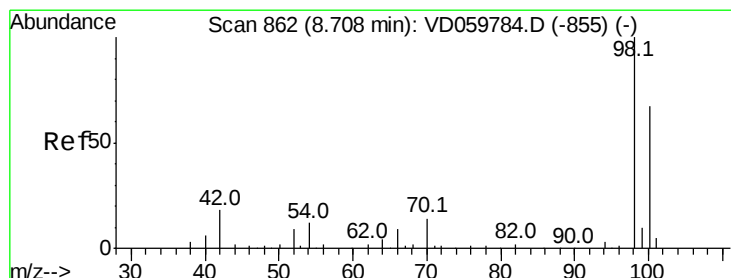
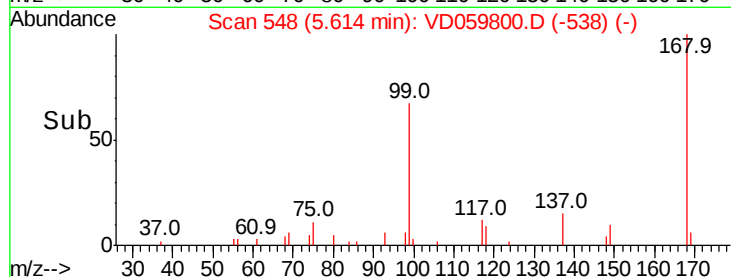
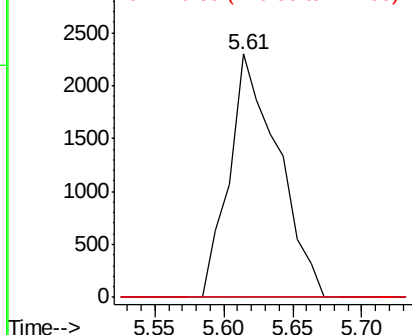
#38
Carbon Tetrachloride
Concen: 4.591 ug/l
RT: 5.61 min Scan# 548
Delta R.T. -0.10 min
Lab File: VD059800.D
Acq: 15 Aug 2018 17:21

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 5668
Ion Ratio Lower Upper
117 100
119 0.0 75.7 113.5#
121 0.0 24.7 37.1#

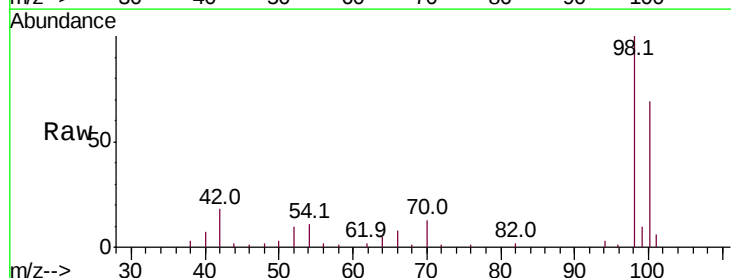


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

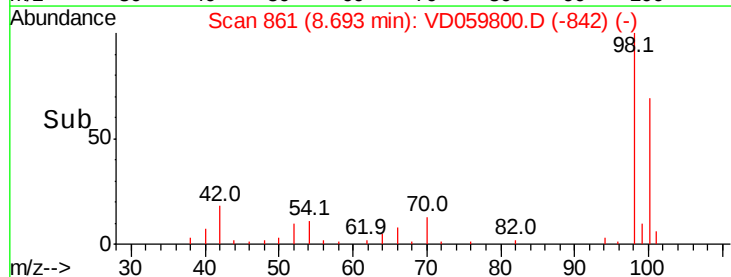
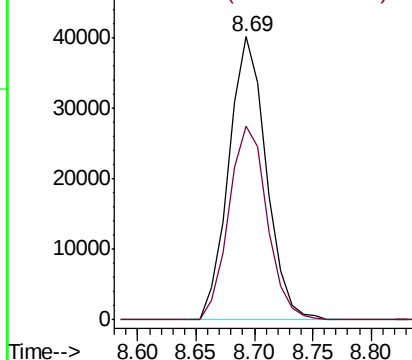


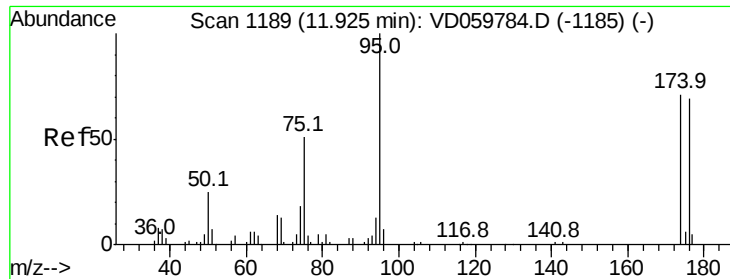
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. -0.02 min
Lab File: VD059800.D
Acq: 15 Aug 2018 17:21

Tgt Ion: 98 Resp: 89161
Ion Ratio Lower Upper
98 100
100 68.6 54.2 81.4



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: 11.92 min Scan# 1189

Delta R.T. -0.01 min

Lab File: VD059800.D

Acq: 15 Aug 2018 17:21

Instrument :

MSVOA_D

ClientSampleId :

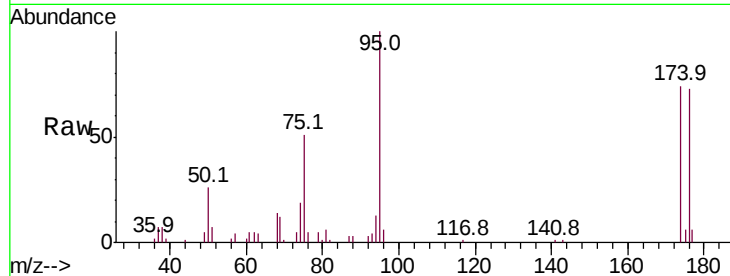
Tot Ion: 95 Resp: 47493

Ion Ratio Lower Upper

95 100

174 73.8 0.0 142.2

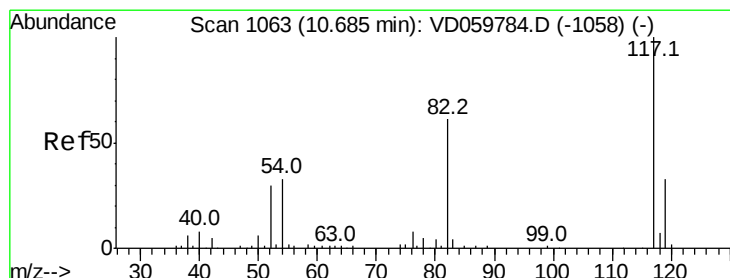
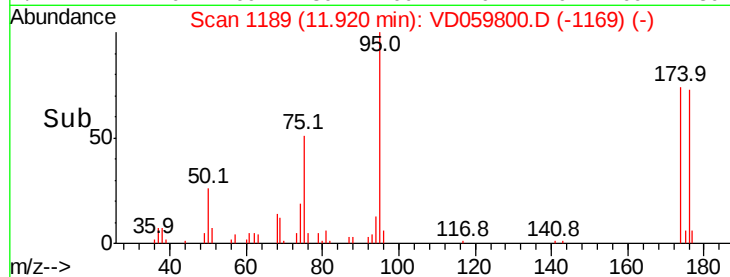
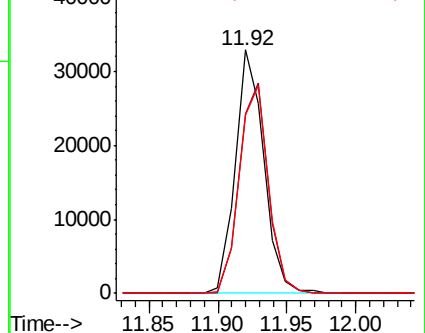
176 73.2 0.0 137.4



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: 10.68 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VD059800.D

Acq: 15 Aug 2018 17:21

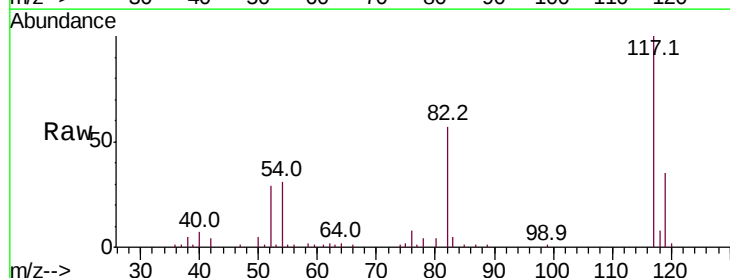
Tgt Ion: 117 Resp: 92402

Ion Ratio Lower Upper

117 100

82 56.6 49.0 73.6

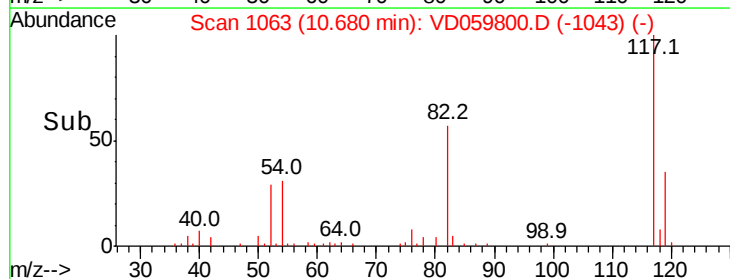
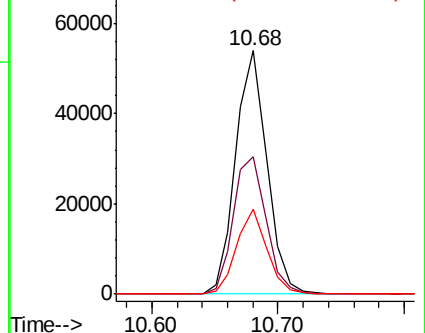
119 34.7 26.2 39.2

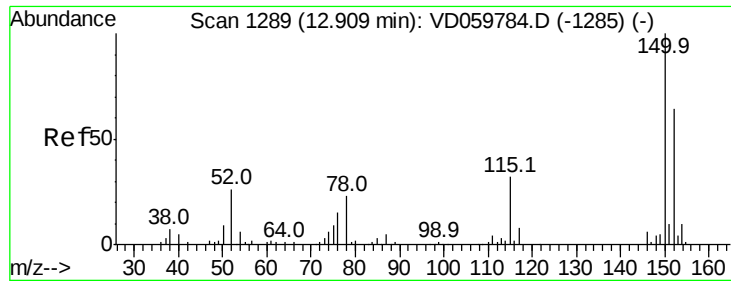


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.90 min Scan# 1289

Delta R.T. -0.01 min

Lab File: VD059800.D

Acq: 15 Aug 2018 17:21

Instrument :

MSVOA_D

ClientSampled :

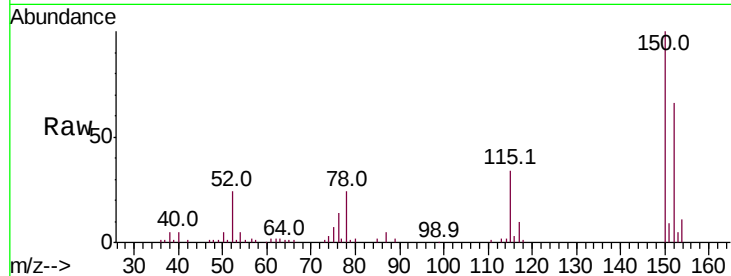
Tot Ion:152 Resp: 51411

Ion Ratio Lower Upper

152 100

115 50.9 27.2 81.5

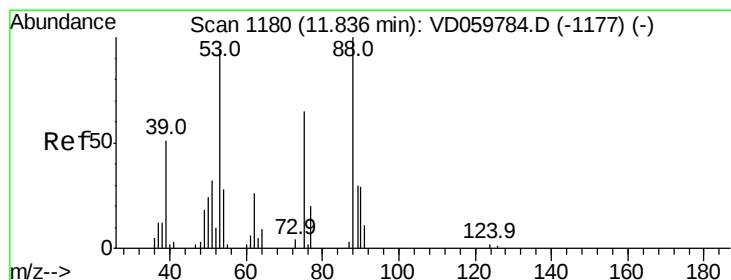
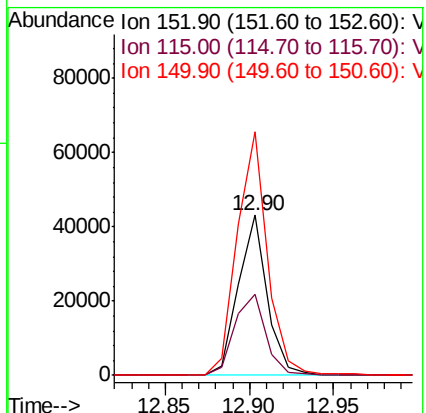
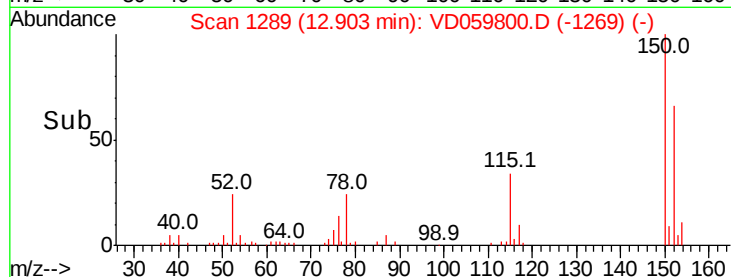
150 152.0 0.0 312.4



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



#81

trans-1,4-Dichloro-2-butene

Concen: 142.801 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.08 min

Lab File: VD059800.D

Acq: 15 Aug 2018 17:21

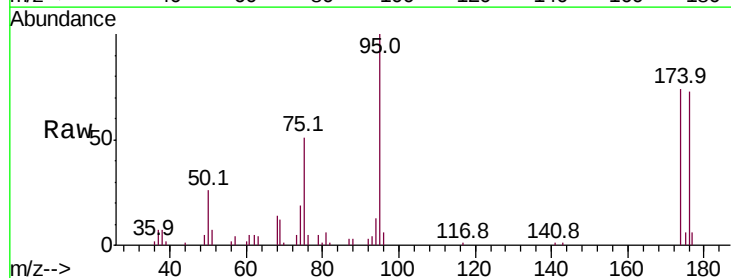
Tgt Ion: 75 Resp: 24370

Ion Ratio Lower Upper

75 100

53 0.0 116.2 174.2#

89 0.0 37.0 55.6#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

