

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
 Data File : VD059802.D
 Acq On : 15 Aug 2018 18:18
 Operator : VA/AP
 Sample : J4477-02RE
 Misc : 10.02g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 16 07:47:38 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

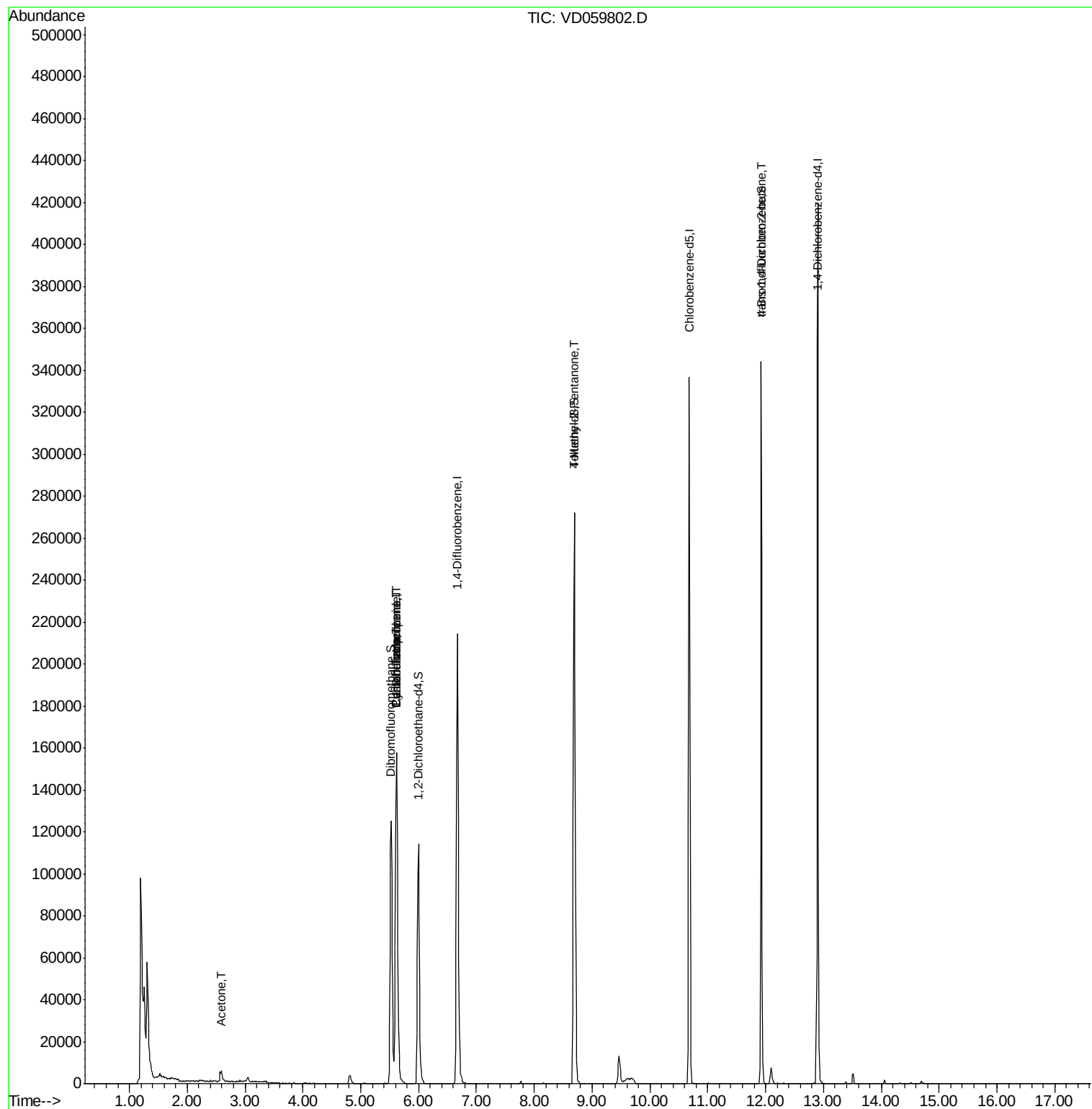
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	154604	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.67	114	212639	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	182085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	93418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	120639	60.73	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	121.46%	
35) Dibromofluoromethane	5.53	113	97240	52.48	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.96%	
50) Toluene-d8	8.69	98	205539	46.83	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.66%	
62) 4-Bromofluorobenzene	11.92	95	89500	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
Target Compounds						
16) Acetone	2.58	43	8994	28.690	ug/l	95
20) Methylene Chloride	3.05	84	974	Below Cal		85
31) Cyclohexane	5.61	56	3378	1.674	ug/l #	1
36) 1,1-Dichloropropene	5.61	75	13225	6.062	ug/l #	49
38) Carbon Tetrachloride	5.61	117	14824	5.632	ug/l #	13
51) 4-Methyl-2-Pentanone	8.69	43	1351	1.297	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.92	75	46646	150.424	ug/l #	1

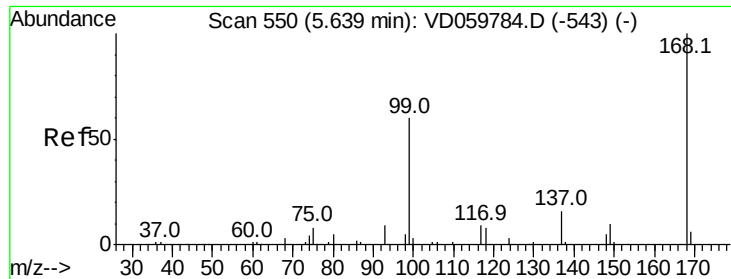
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081518\
Data File : VD059802.D
Acq On : 15 Aug 2018 18:18
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Quant Time: Aug 16 07:47:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 2018
Response via : Initial Calibration

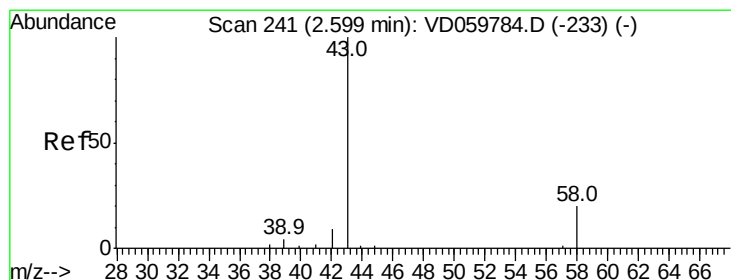
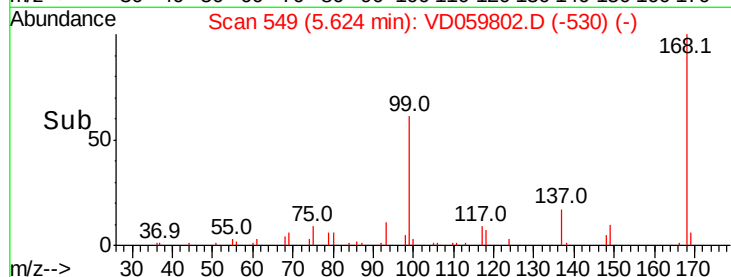
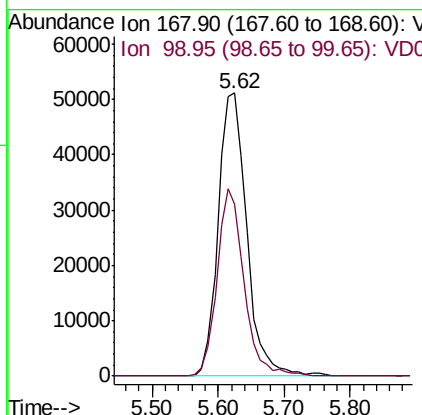
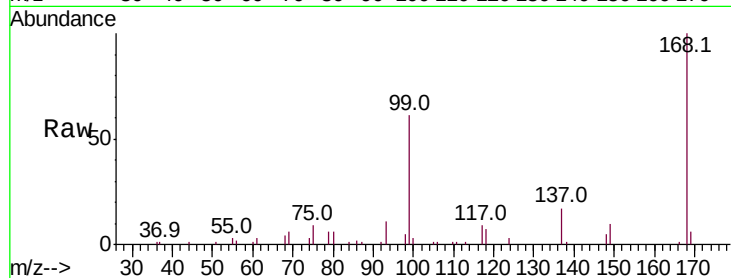




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 549
Delta R.T. -0.01 min
Lab File: VD059802.D
Acq: 15 Aug 2018 18:18

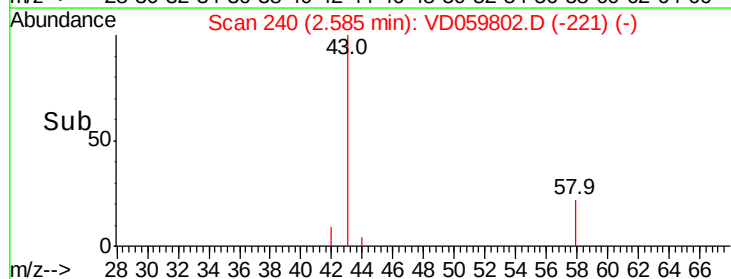
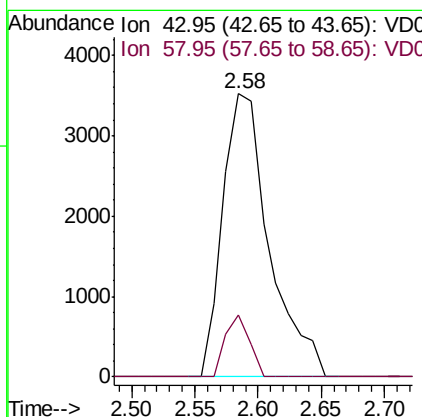
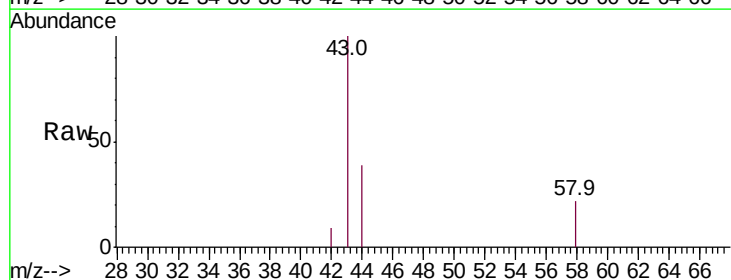
Instrument :
MSVOA_D
ClientSampled :

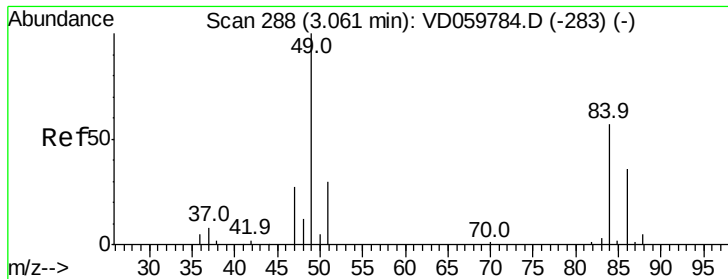
Tot Ion:168 Resp: 154604
Ion Ratio Lower Upper
168 100
99 60.9 50.3 75.5



#16
Acetone
Concen: 28.690 ug/l
RT: 2.58 min Scan# 240
Delta R.T. -0.01 min
Lab File: VD059802.D
Acq: 15 Aug 2018 18:18

Tgt Ion: 43 Resp: 8994
Ion Ratio Lower Upper
43 100
58 22.0 15.7 23.5

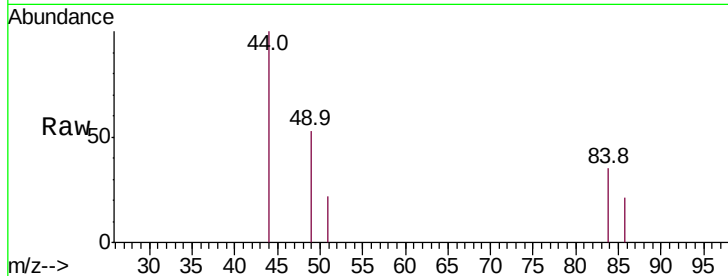




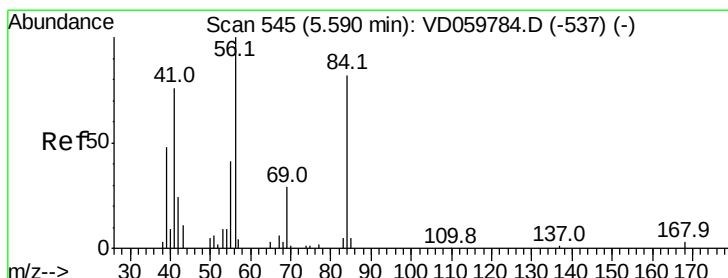
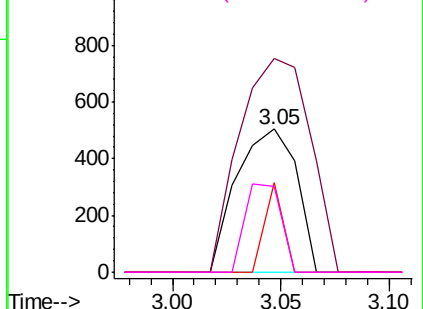
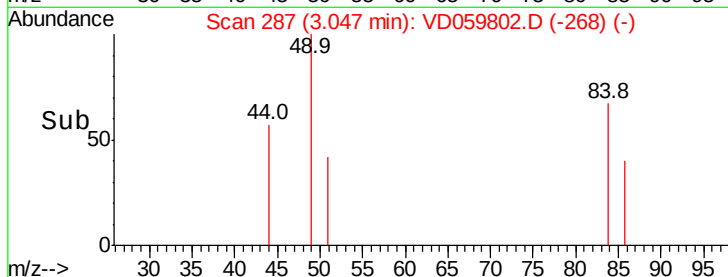
#20
Methylene Chloride
Concen: Below Cal
RT: 3.05 min Scan# 287
Delta R.T. -0.01 min
Lab File: VD059802.D
Acq: 15 Aug 2018 18:18

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	84	Resp:	974
Ion	Ratio	Lower	Upper
84	100		
49	149.4	140.9	211.3
51	62.7	42.8	64.2
86	59.7	51.3	76.9

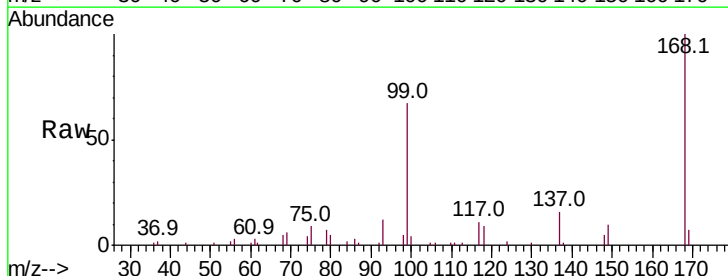


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

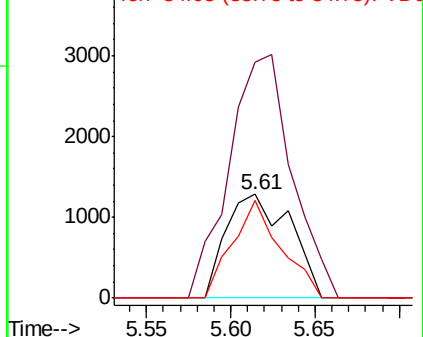
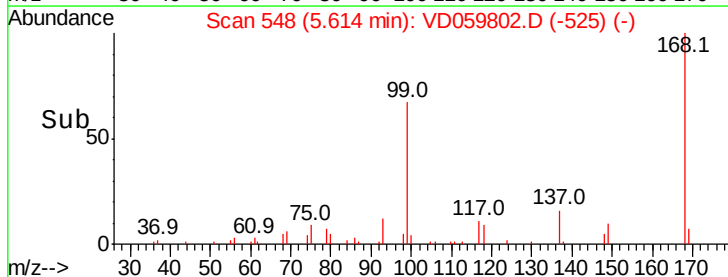


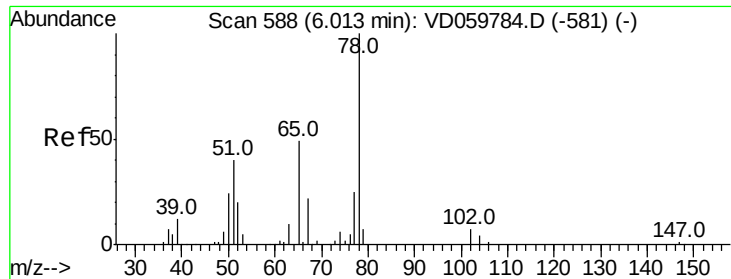
#31
Cyclohexane
Concen: 1.674 ug/l
RT: 5.61 min Scan# 548
Delta R.T. 0.02 min
Lab File: VD059802.D
Acq: 15 Aug 2018 18:18

Tgt Ion:	56	Resp:	3378
Ion	Ratio	Lower	Upper
56	100		
69	227.9	23.4	35.2#
84	93.8	65.4	98.2



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

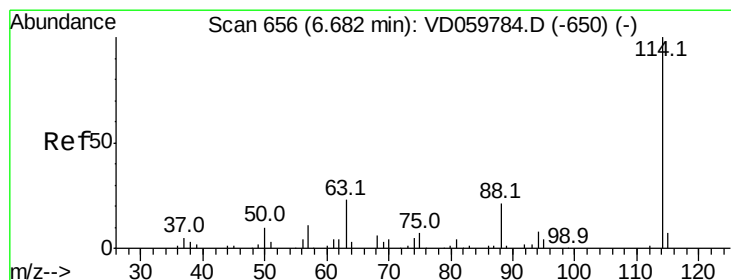
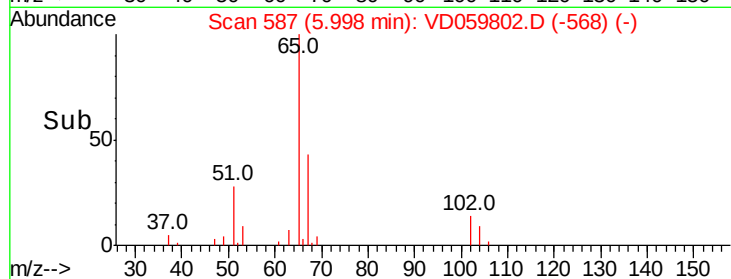
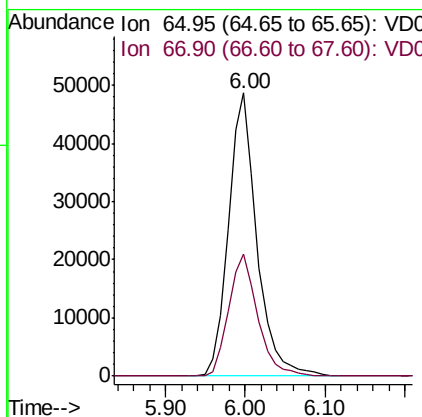
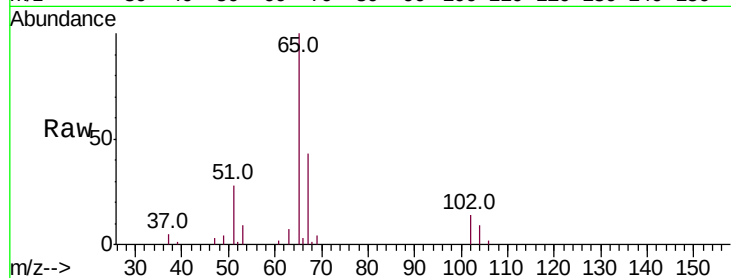




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: VD059802.D
 Acq: 15 Aug 2018 18:18

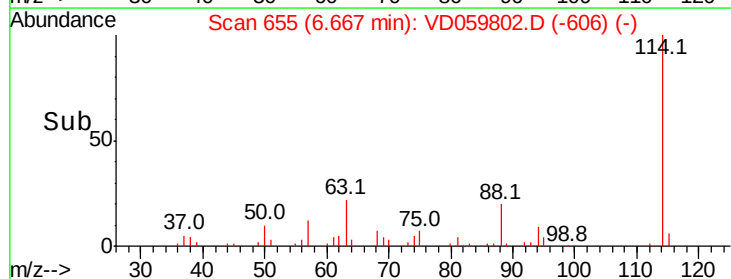
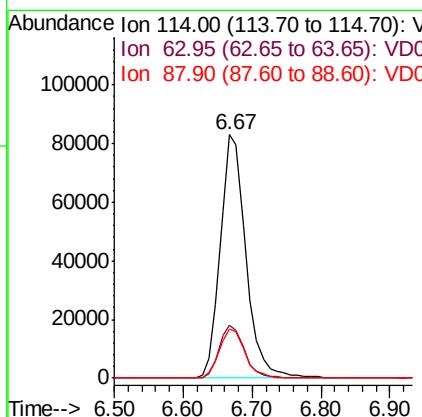
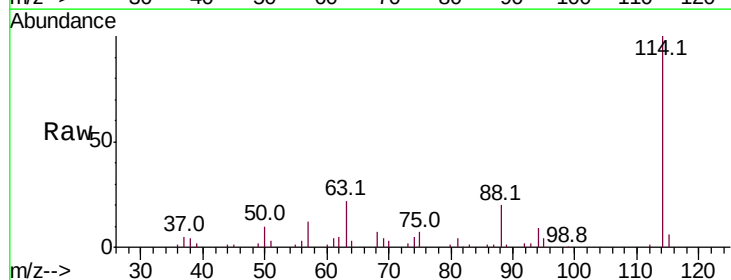
Instrument :
 MSVOA_D
 ClientSampleId :

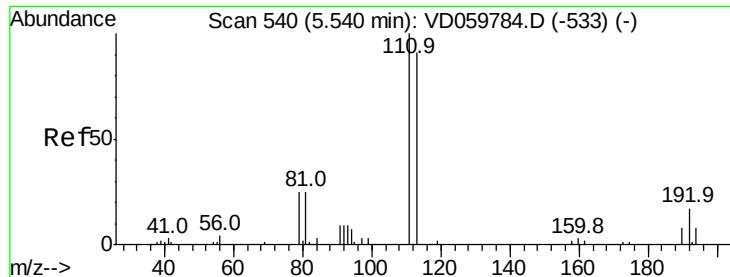
Tot Ion: 65 Resp: 120639
 Ion Ratio Lower Upper
 65 100
 67 43.3 0.0 87.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: VD059802.D
 Acq: 15 Aug 2018 18:18

Tgt Ion:114 Resp: 212639
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.0
 88 20.1 0.0 41.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.53 min Scan# 539

Delta R.T. -0.01 min

Lab File: VD059802.D

Acq: 15 Aug 2018 18:18

Instrument :
MSVOA_D
ClientSampled :

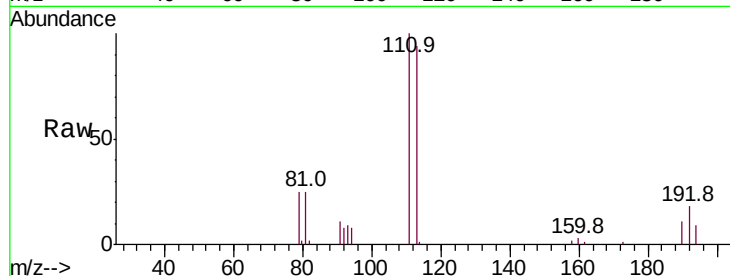
Tot Ion:113 Resp: 97240

Ion Ratio Lower Upper

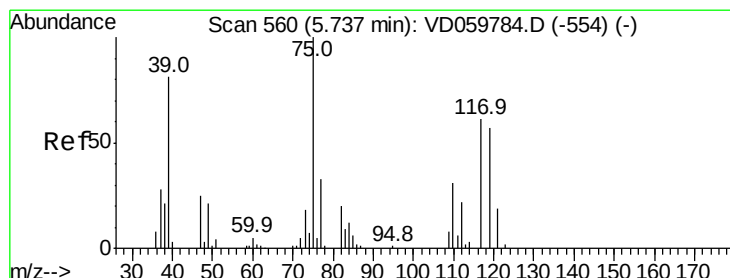
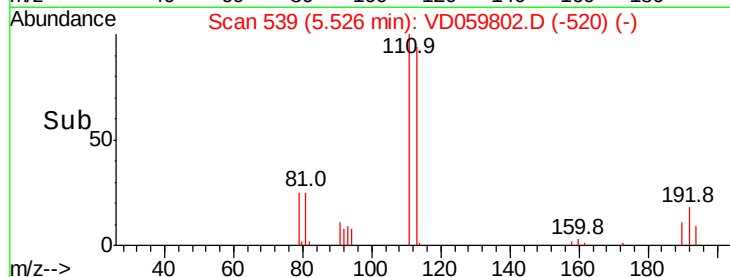
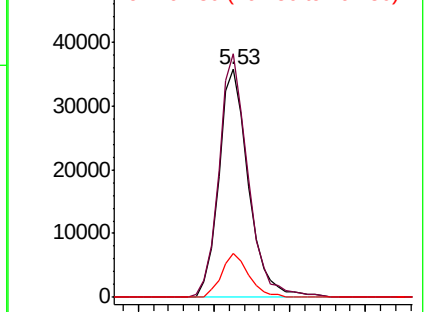
113 100

111 106.9 87.7 131.5

192 19.1 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: 6.062 ug/l

RT: 5.61 min Scan# 548

Delta R.T. -0.12 min

Lab File: VD059802.D

Acq: 15 Aug 2018 18:18

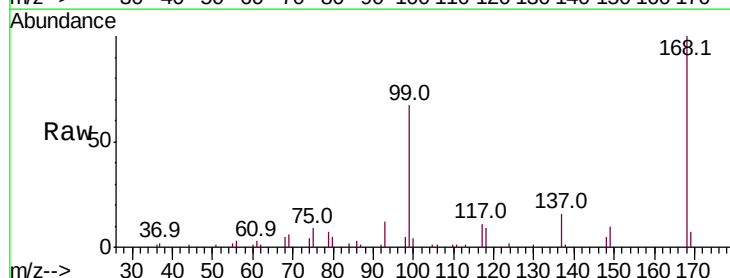
Tgt Ion: 75 Resp: 13225

Ion Ratio Lower Upper

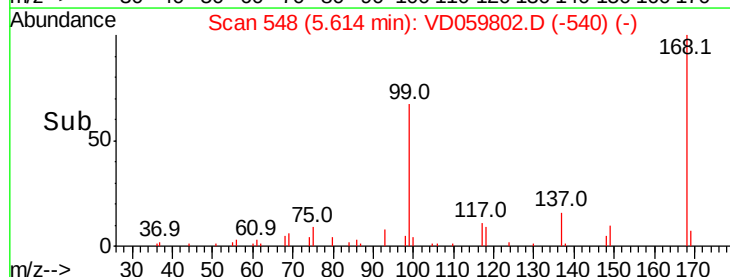
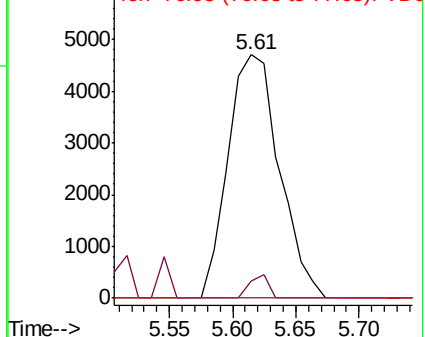
75 100

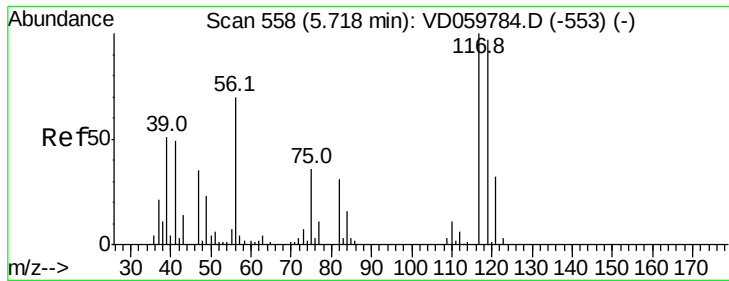
110 6.9 15.3 45.8#

77 0.0 26.2 39.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 5.632 ug/l

RT: 5.61 min Scan# 548

Delta R.T. -0.10 min

Lab File: VD059802.D

Acq: 15 Aug 2018 18:18

Instrument :

MSVOA_D

ClientSampleId :

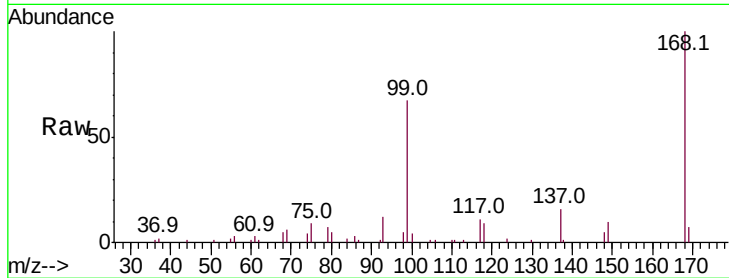
Tot Ion:117 Resp: 14824

Ion Ratio Lower Upper

117 100

119 0.0 75.7 113.5#

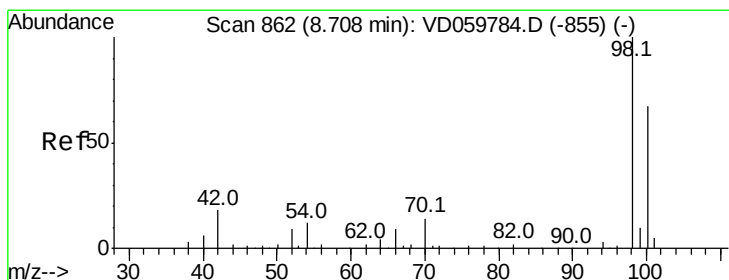
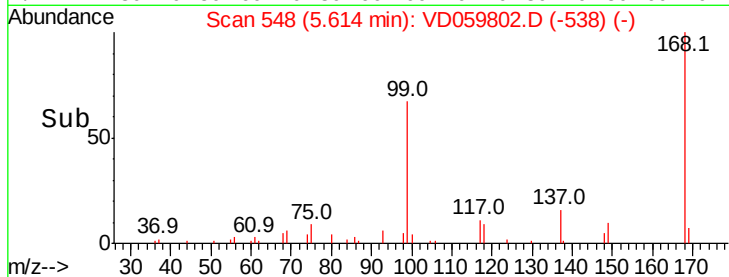
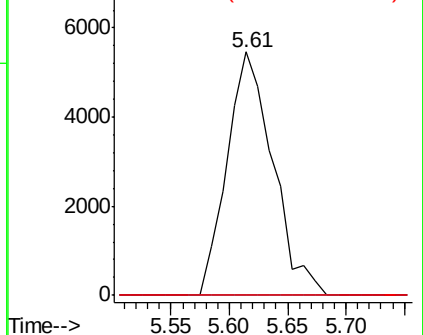
121 0.0 24.7 37.1#



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. -0.01 min

Lab File: VD059802.D

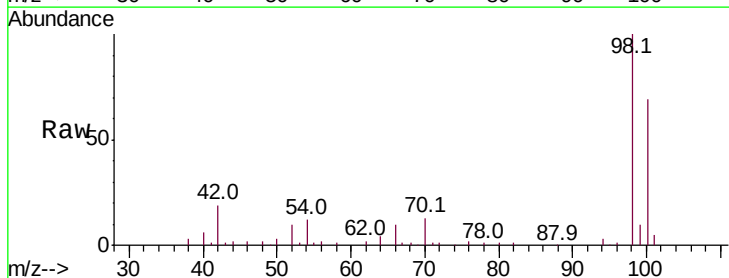
Acq: 15 Aug 2018 18:18

Tgt Ion: 98 Resp: 205539

Ion Ratio Lower Upper

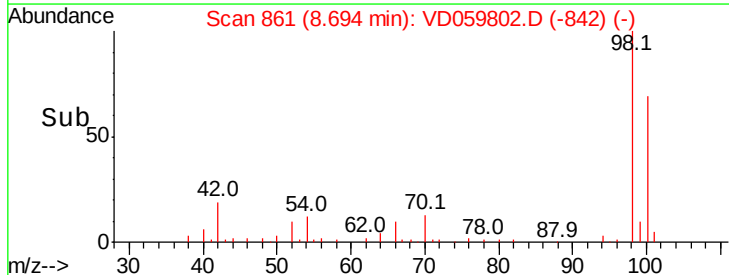
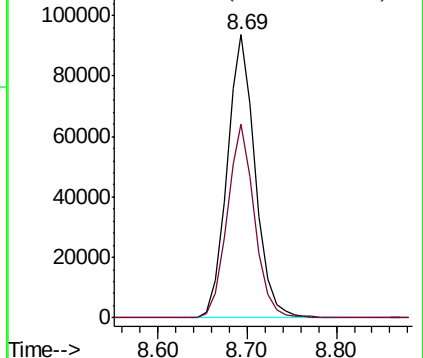
98 100

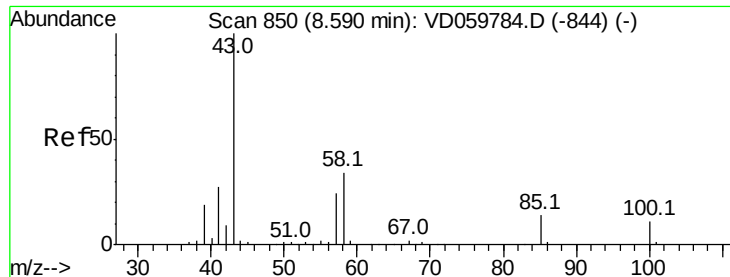
100 68.6 54.2 81.4



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.297 ug/l

RT: 8.69 min Scan# 861

Delta R.T. 0.10 min

Lab File: VD059802.D

Acq: 15 Aug 2018 18:18

Instrument :

MSVOA_D

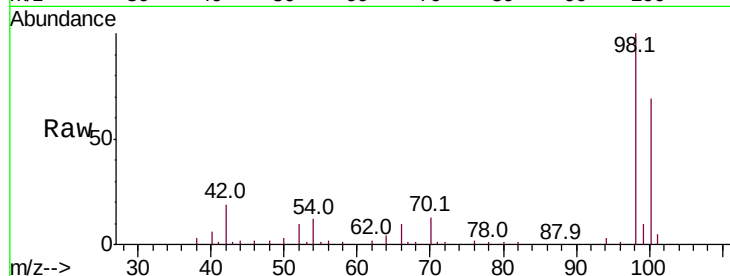
ClientSampled :

Tot Ion: 43 Resp: 1351

Ion Ratio Lower Upper

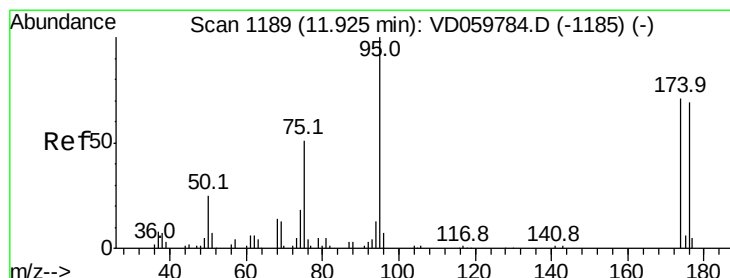
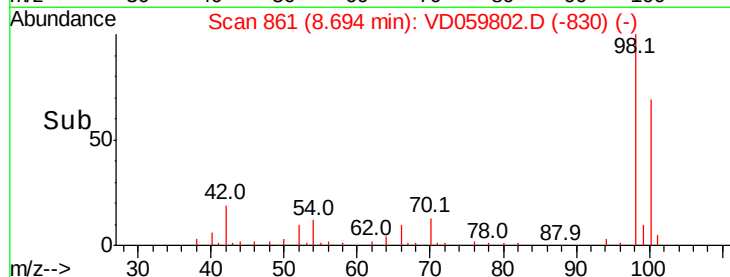
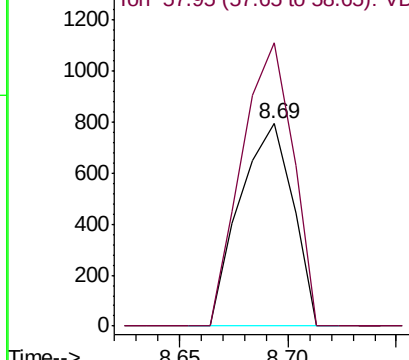
43 100

58 139.7 27.5 41.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD059802.D

Acq: 15 Aug 2018 18:18

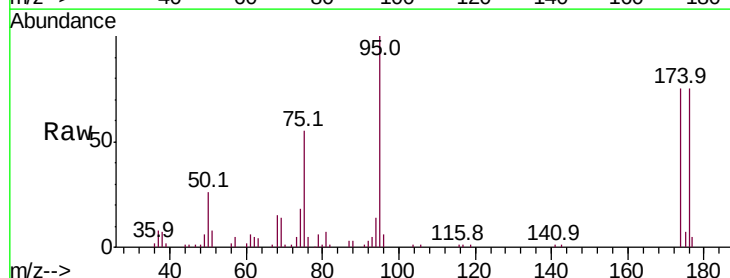
Tgt Ion: 95 Resp: 89500

Ion Ratio Lower Upper

95 100

174 74.6 0.0 142.2

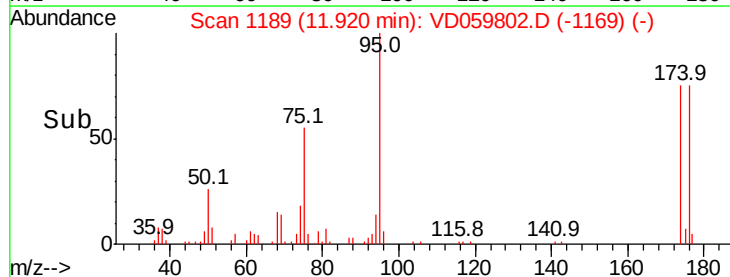
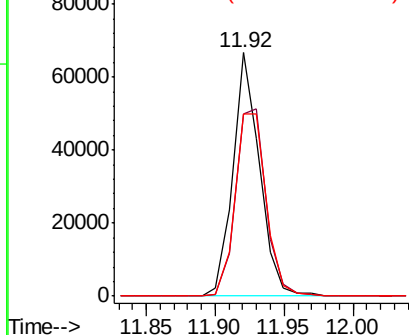
176 74.9 0.0 137.4

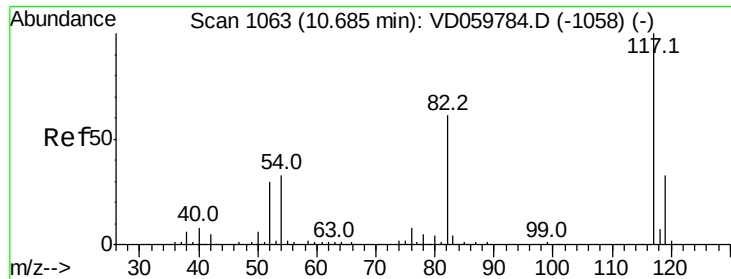


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

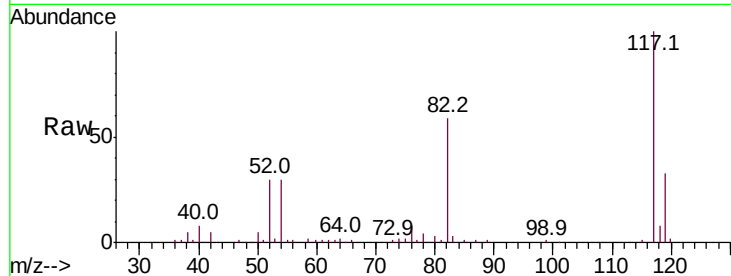




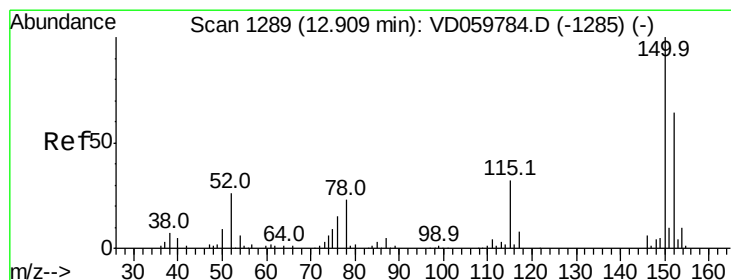
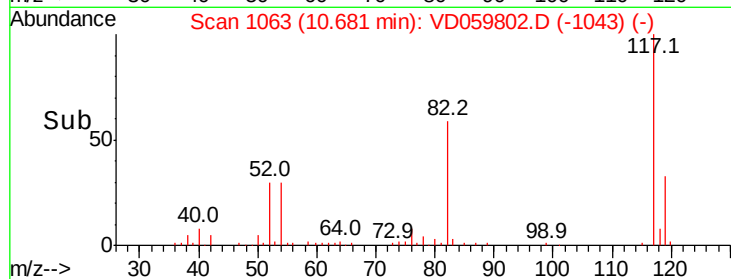
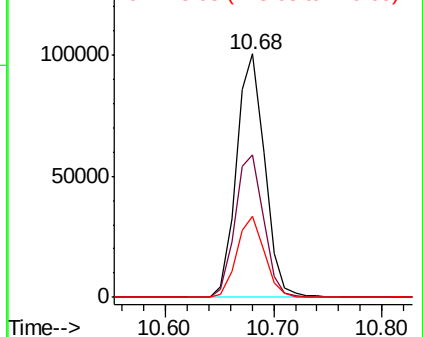
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD059802.D
Acq: 15 Aug 2018 18:18

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	49.0	73.6
119	33.2	26.2	39.2

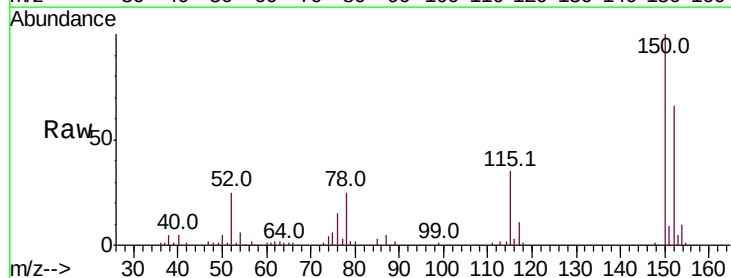


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

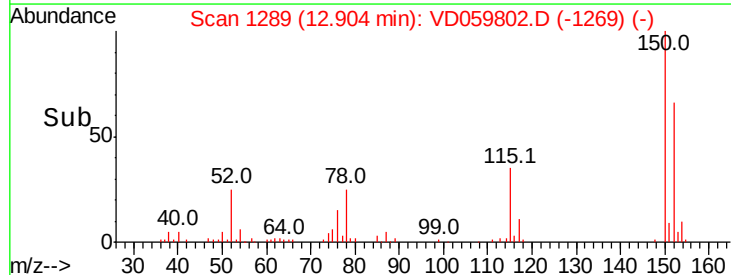
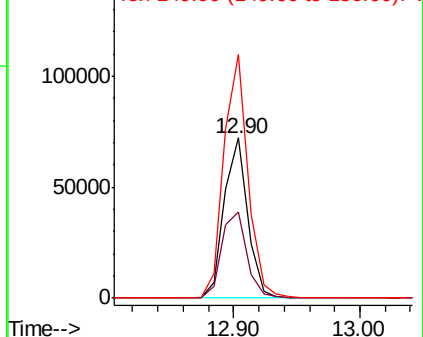


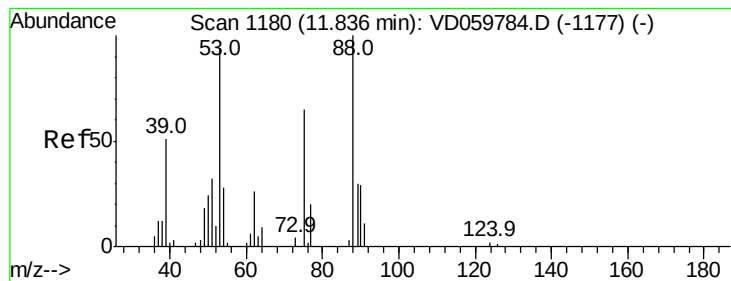
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD059802.D
Acq: 15 Aug 2018 18:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.2	81.5
150	152.2	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: 150.424 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.08 min

Lab File: VD059802.D

Acq: 15 Aug 2018 18:18

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 46646

Ion Ratio Lower Upper

75 100

53 0.0 116.2 174.2#

89 0.0 37.0 55.6#

