

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059635.D
 Acq On : 30 Jul 2018 23:05
 Operator : VA/AP
 Sample : J4189-19RE
 Misc : 6.51g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-DRE

Quant Time: Jul 31 05:19:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

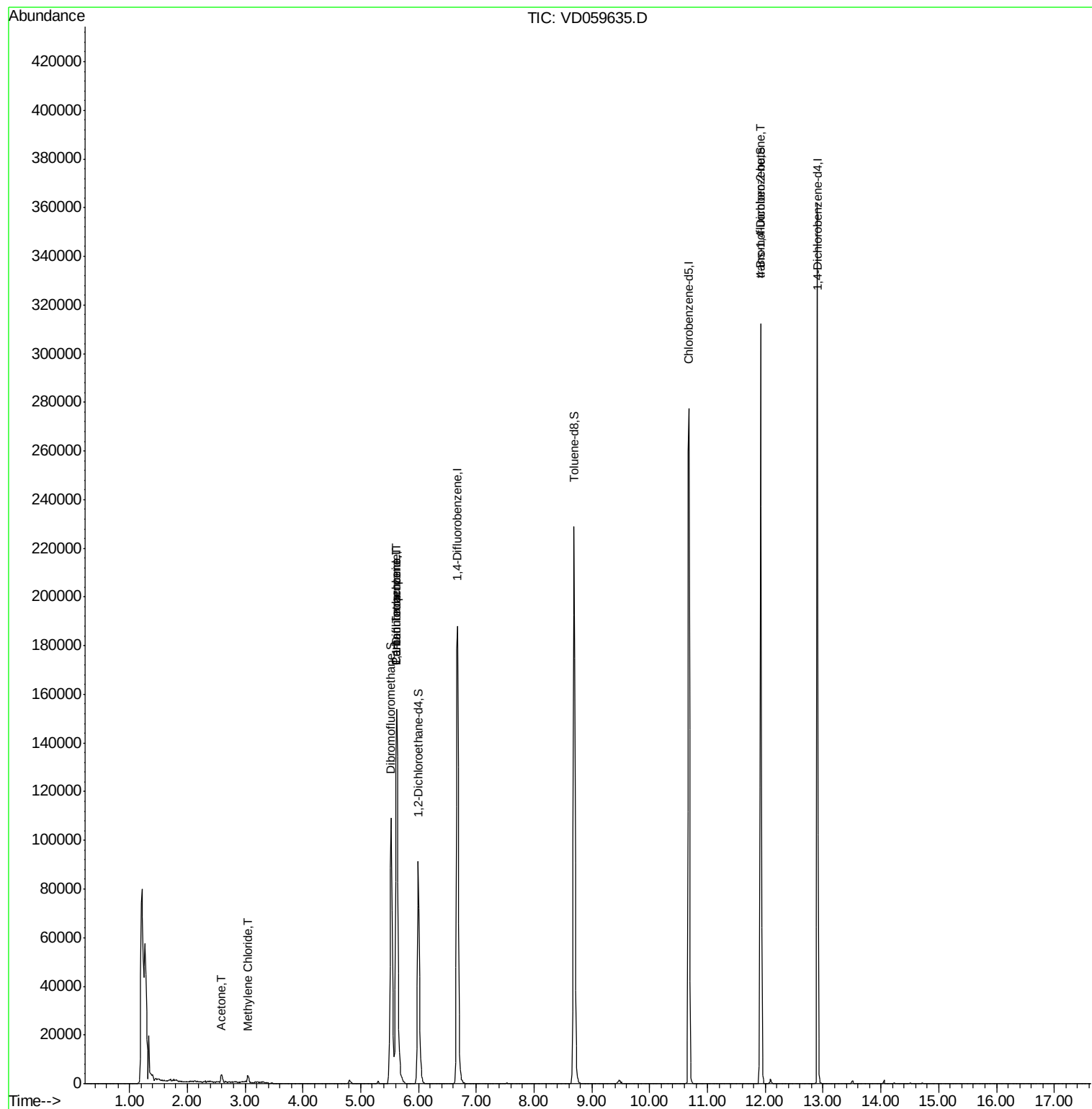
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	143109	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.68	114	186853	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	147680	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	80890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	100336	55.77	ug/l	0.02
Spiked Amount 50.000			Recovery	=	111.54%	
35) Dibromofluoromethane	5.52	113	91005	56.78	ug/l	0.02
Spiked Amount 50.000			Recovery	=	113.56%	
50) Toluene-d8	8.69	98	181591	49.94	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.92	95	86013	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
Target Compounds						
16) Acetone	2.59	43	5548	20.42	ug/l	Qvalue 100
20) Methylene Chloride	3.05	84	1378	1.78	ug/l	85
31) Cyclohexane	5.61	56	3482	Below Cal	#	1
36) 1,1-Dichloropropene	5.62	75	13261	7.07	ug/l #	43
38) Carbon Tetrachloride	5.62	117	14553	5.67	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	47380	138.54	ug/l #	1

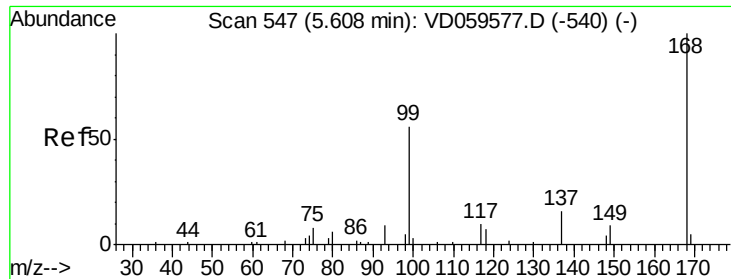
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073018\
Data File : VD059635.D
Acq On : 30 Jul 2018 23:05
Operator : VA/AP
Sample : J4189-19RE
Misc : 6.51g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-14-DRE

Quant Time: Jul 31 05:19:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 549

Delta R.T. 0.02 min

Lab File: VD059635.D

Acq: 30 Jul 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

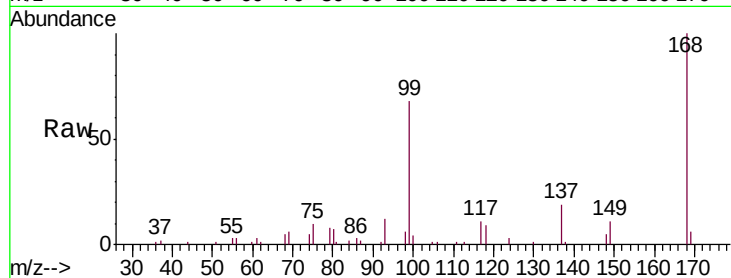
TP-14-DRE

Tot Ion:168 Resp: 143109

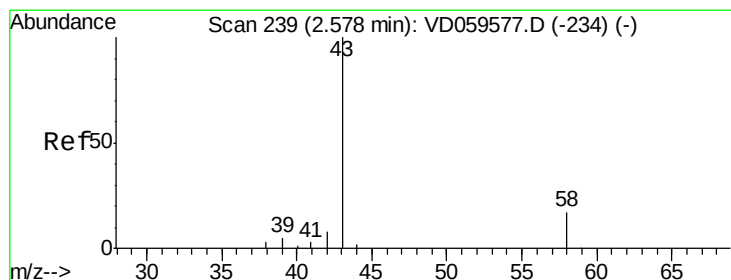
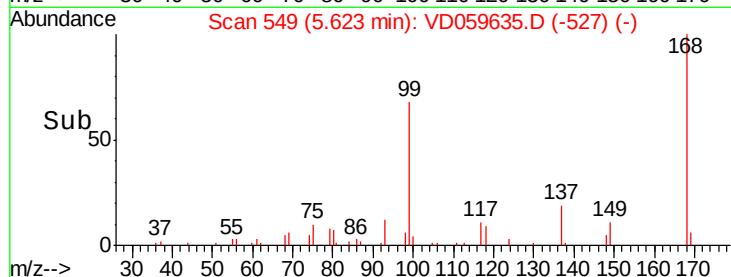
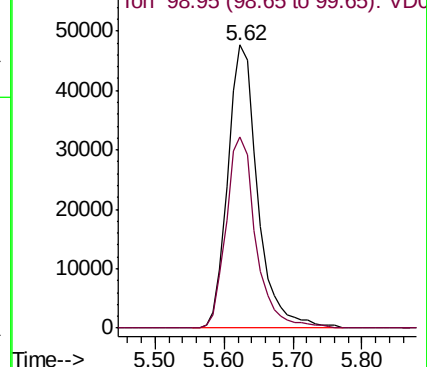
Ion Ratio Lower Upper

168 100

99 67.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 20.42 ug/l

RT: 2.59 min Scan# 241

Delta R.T. 0.02 min

Lab File: VD059635.D

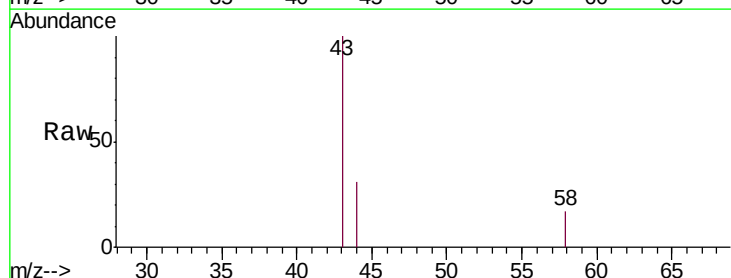
Acq: 30 Jul 2018 23:05

Tgt Ion: 43 Resp: 5548

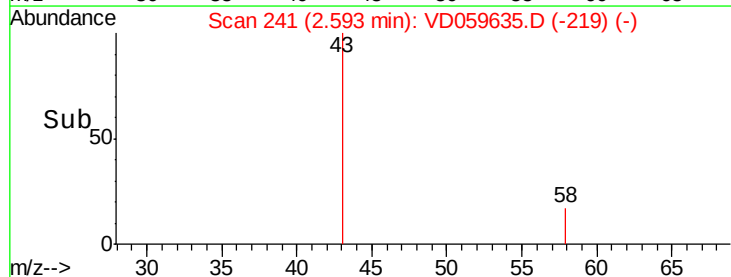
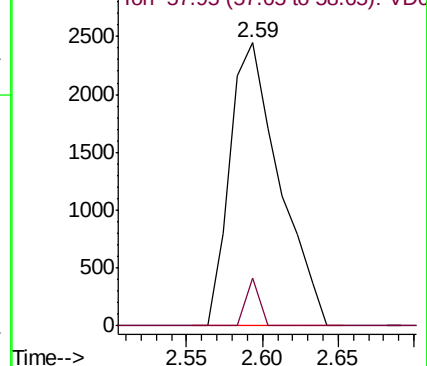
Ion Ratio Lower Upper

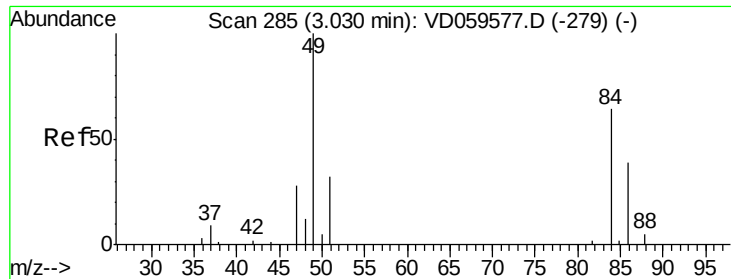
43 100

58 16.8 13.4 20.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

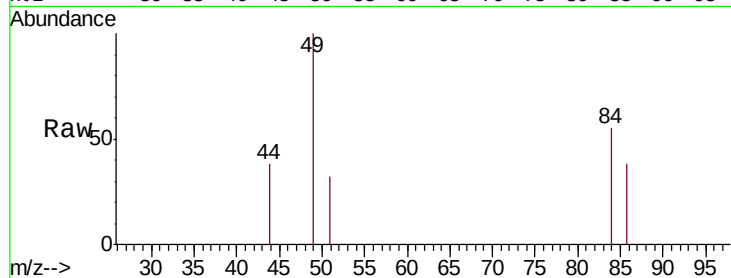




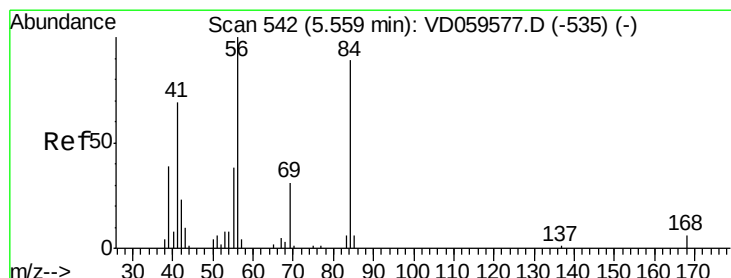
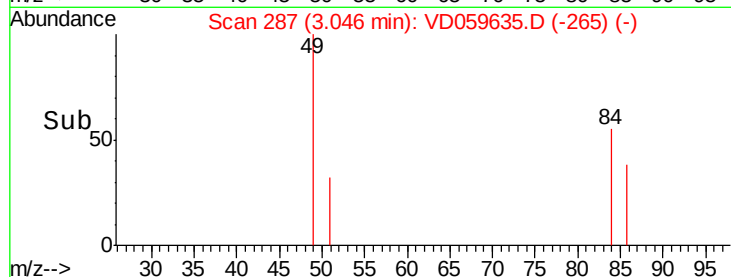
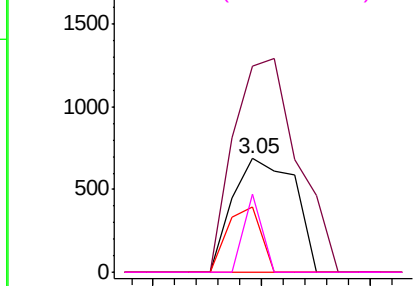
#20
Methvlene Chloride
Concen: 1.78 ua/l
RT: 3.05 min Scan# 287
Delta R.T. 0.02 min
Lab File: VD059635.D
Acq: 30 Jul 2018 23:05

Instrument :
MSVOA_D
ClientSampleId :
TP-14-DRE

Tot Ion:	84	Resp:	1378
Ion	Ratio	Lower	Upper
84	100		
49	181.5	125.4	188.2
51	57.2	39.7	59.5
86	68.9	49.1	73.7

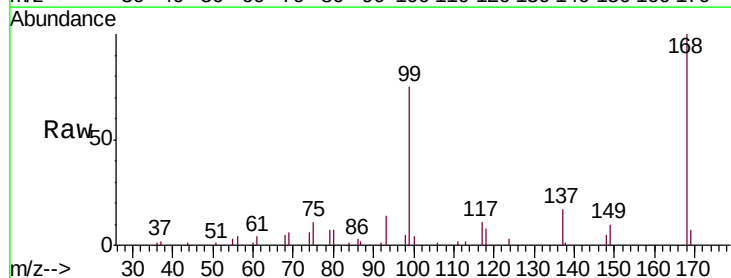


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

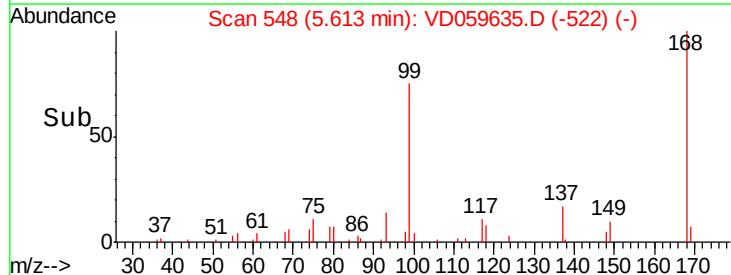
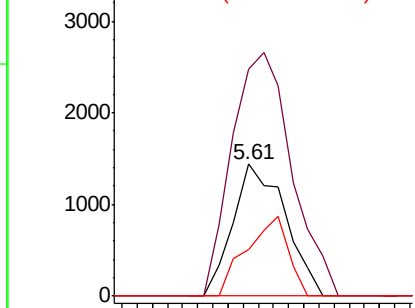


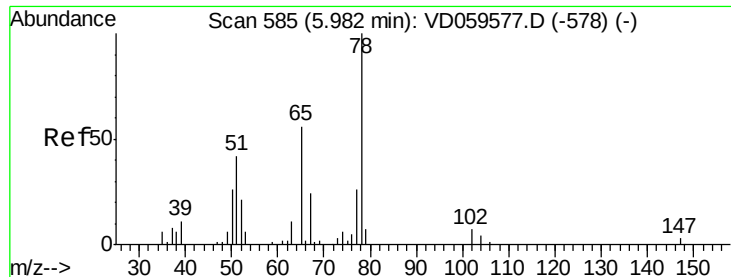
#31
Cyclohexane
Concen: Below Cal
RT: 5.61 min Scan# 548
Delta R.T. 0.06 min
Lab File: VD059635.D
Acq: 30 Jul 2018 23:05

Tgt Ion:	56	Resp:	3482
Ion	Ratio	Lower	Upper
56	100		
69	172.3	24.6	37.0#
84	35.1	72.7	109.1#



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

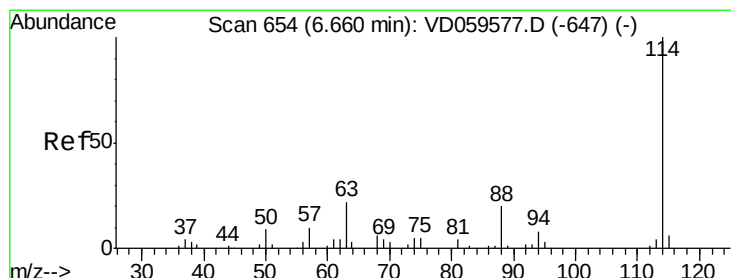
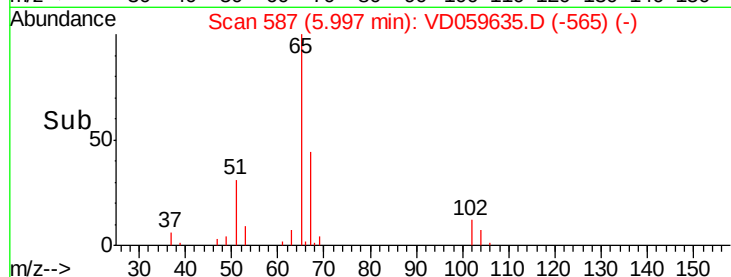
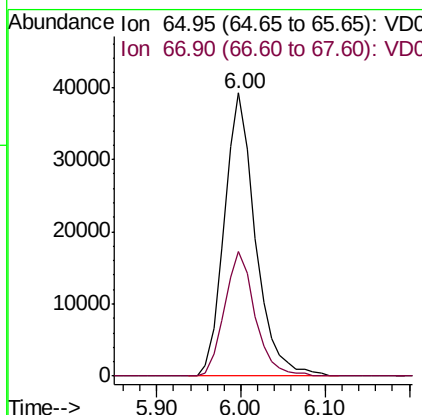
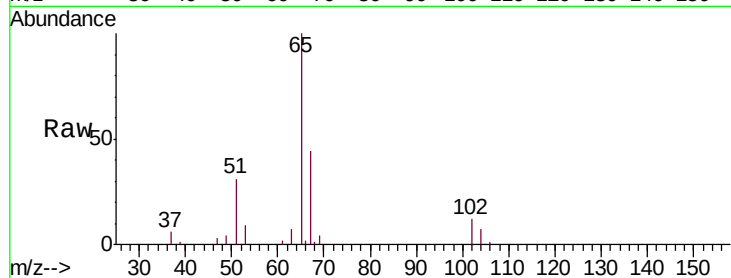




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. 0.02 min
 Lab File: VD059635.D
 Acq: 30 Jul 2018 23:05

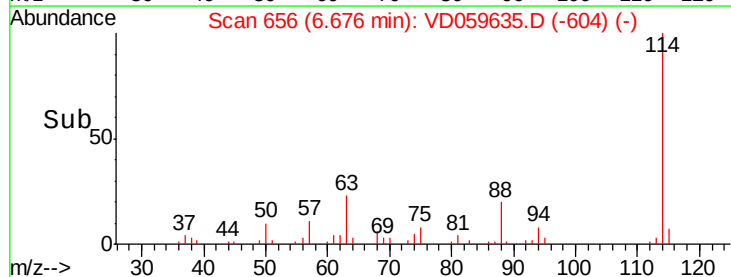
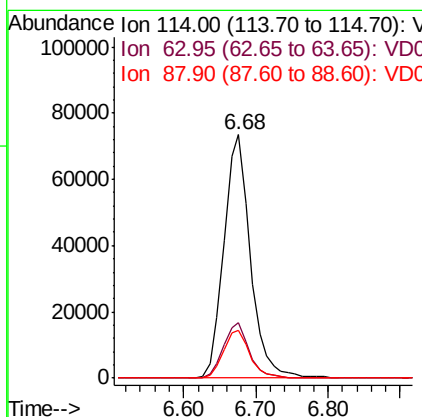
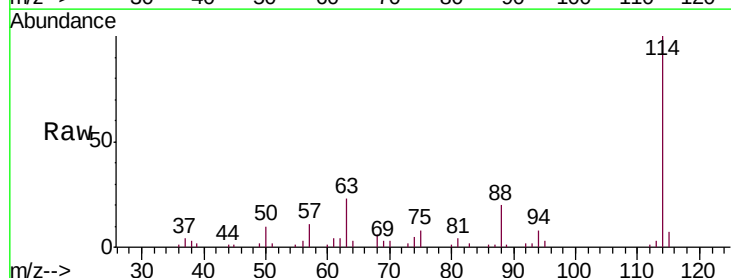
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-DRE

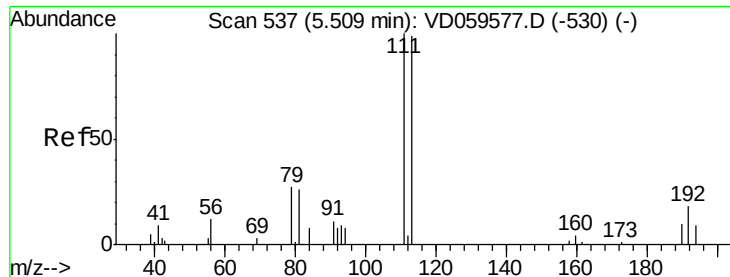
Tot Ion: 65 Resp: 100336
 Ion Ratio Lower Upper
 65 100
 67 44.1 0.0 86.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: VD059635.D
 Acq: 30 Jul 2018 23:05

Tgt Ion: 114 Resp: 186853
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.8
 88 19.5 0.0 39.0

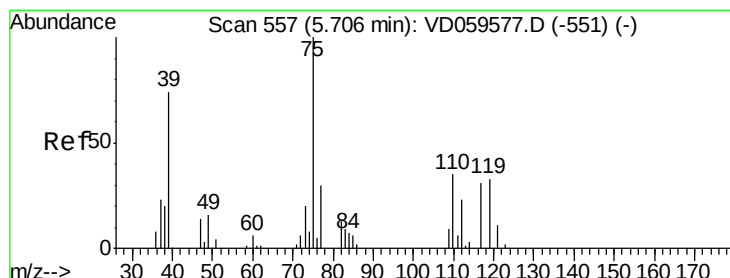
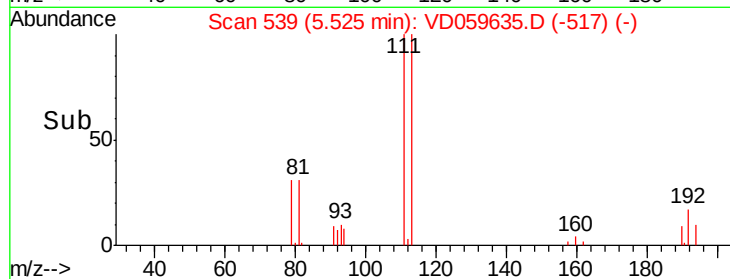
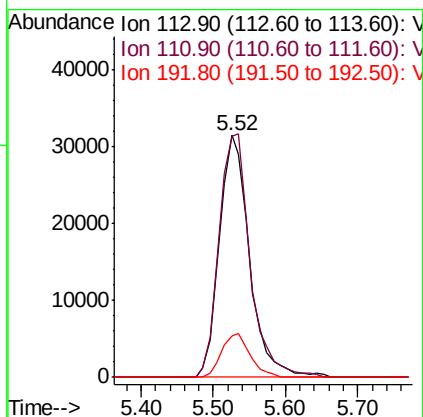
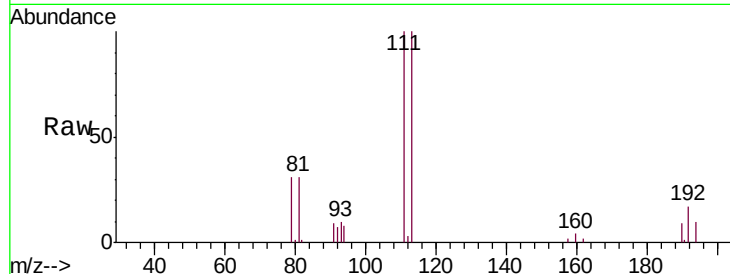




#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.52 min Scan# 539
Delta R.T. 0.02 min
Lab File: VD059635.D
Acq: 30 Jul 2018 23:05

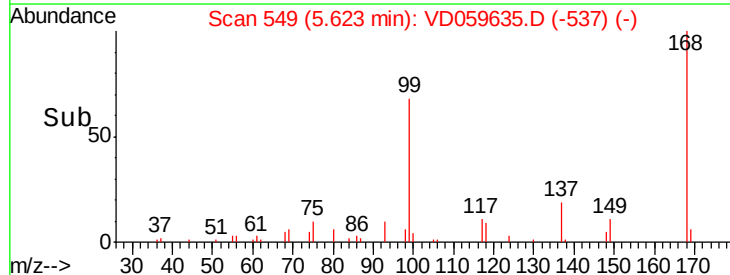
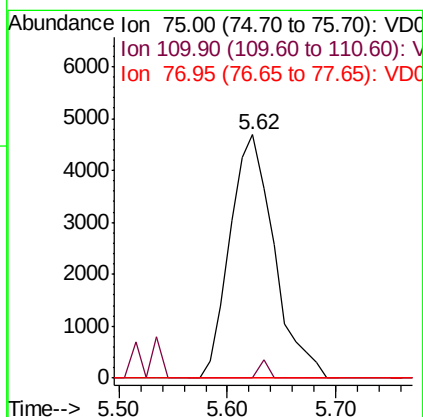
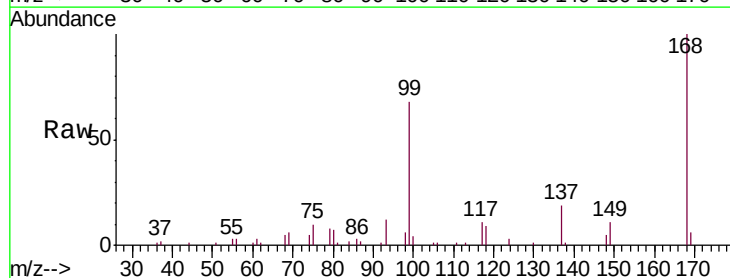
Instrument :
MSVOA_D
ClientSampleId :
TP-14-DRE

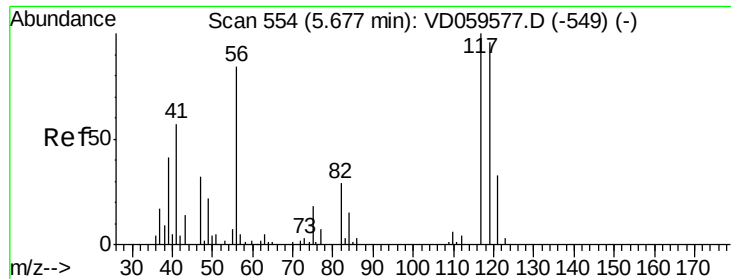
Tot Ion:113 Resp: 91005
Ion Ratio Lower Upper
113 100
111 99.6 80.5 120.7
192 17.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 7.07 ug/l
RT: 5.62 min Scan# 549
Delta R.T. -0.08 min
Lab File: VD059635.D
Acq: 30 Jul 2018 23:05

Tgt Ion: 75 Resp: 13261
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 23.6 35.4#





#38

Carbon Tetrachloride

Concen: 5.67 ug/l

RT: 5.62 min Scan# 549

Delta R.T. -0.05 min

Lab File: VD059635.D

Acq: 30 Jul 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

TP-14-DRE

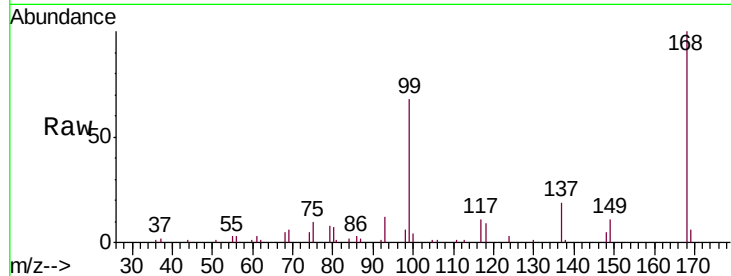
Tot Ion:117 Resp: 14553

Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

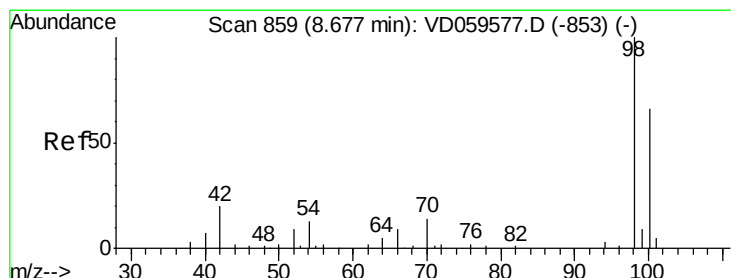
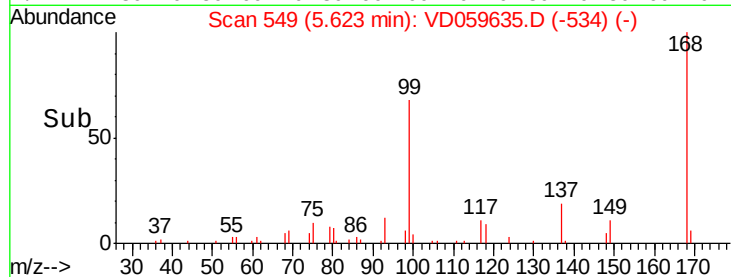
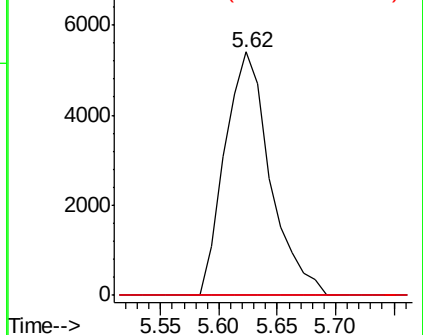
121 0.0 25.0 37.6#



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: VD059635.D

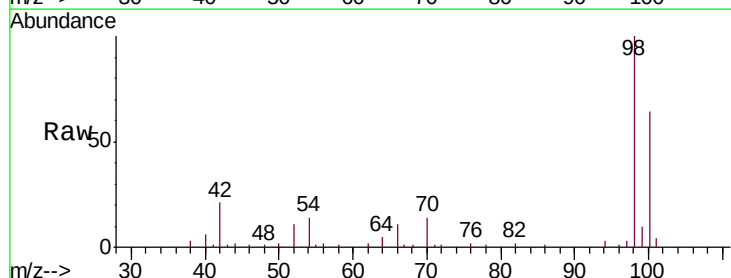
Acq: 30 Jul 2018 23:05

Tgt Ion: 98 Resp: 181591

Ion Ratio Lower Upper

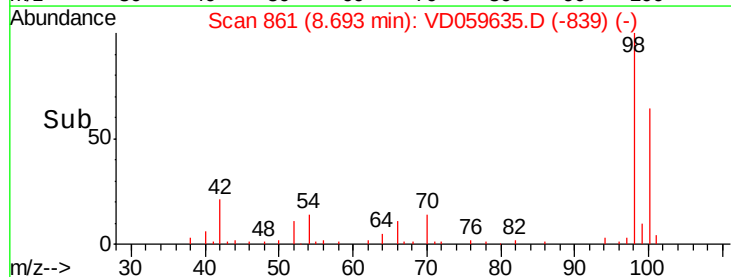
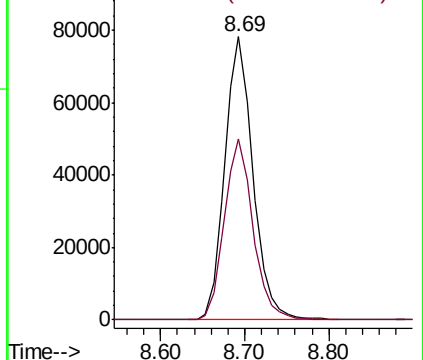
98 100

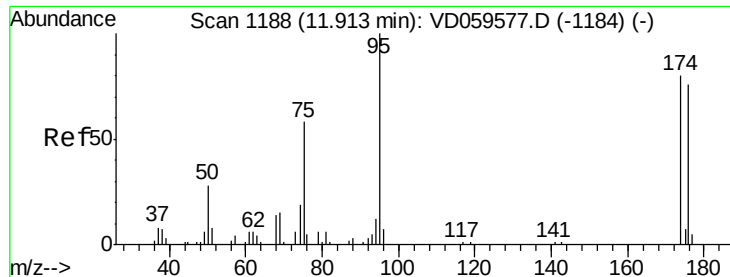
100 64.1 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD059635.D

Acq: 30 Jul 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

TP-14-DRE

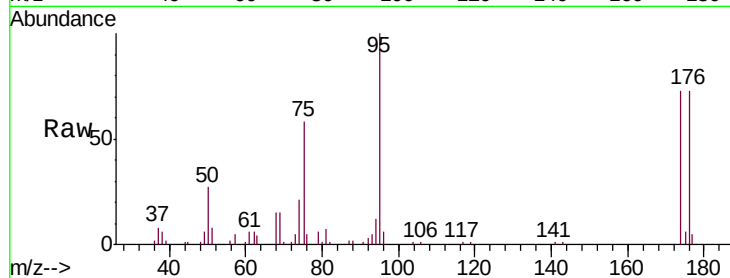
Tot Ion: 95 Resp: 86013

Ion Ratio Lower Upper

95 100

174 72.8 0.0 160.6

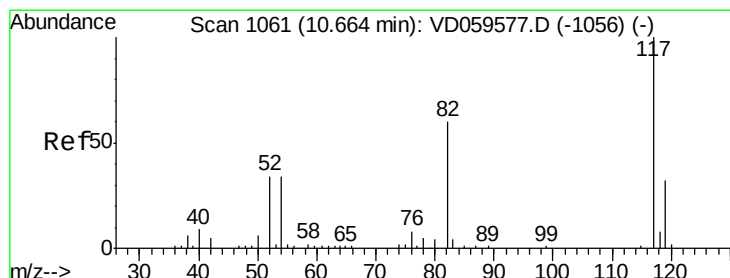
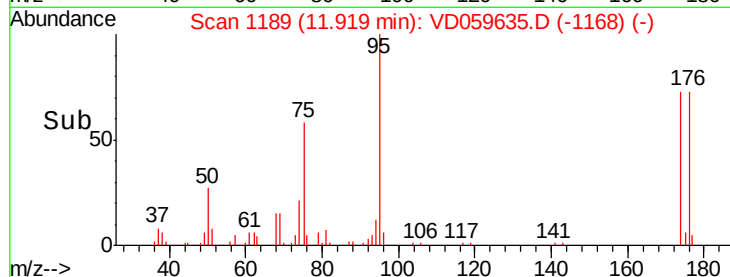
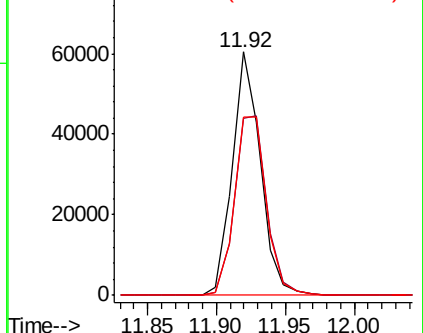
176 73.0 0.0 152.8



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: 50.00 ug/l

RT: 10.68 min Scan# 1063

Delta R.T. 0.02 min

Lab File: VD059635.D

Acq: 30 Jul 2018 23:05

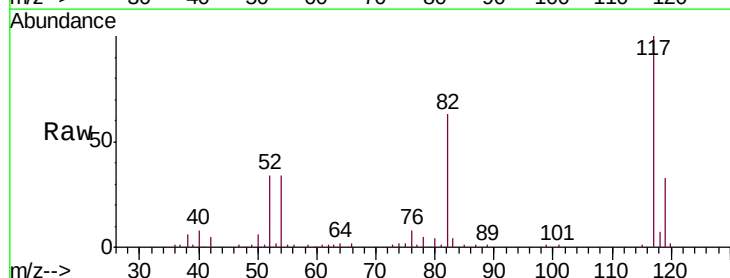
Tgt Ion: 117 Resp: 147680

Ion Ratio Lower Upper

117 100

82 62.5 48.2 72.2

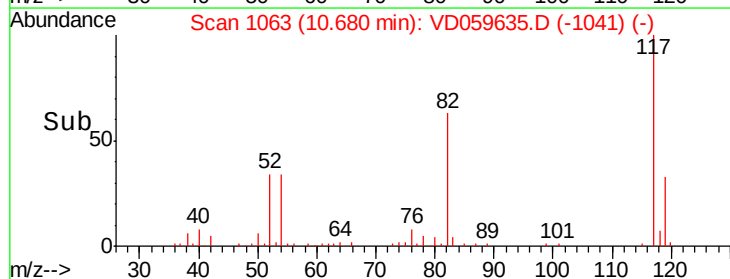
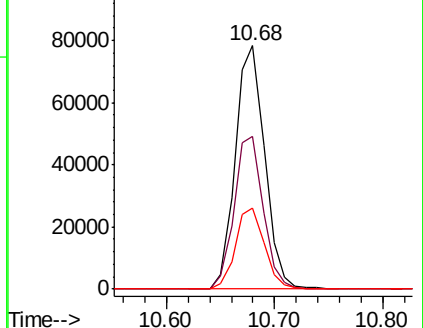
119 33.1 25.4 38.2

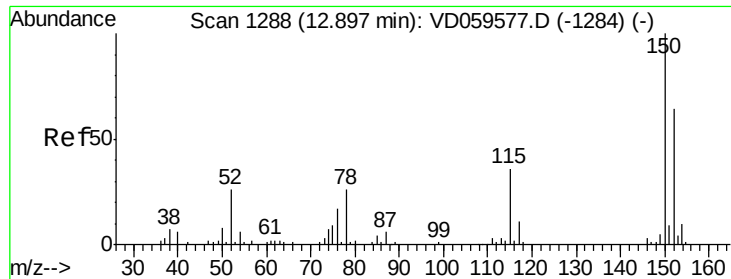


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VD059635.D

Acq: 30 Jul 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

TP-14-DRE

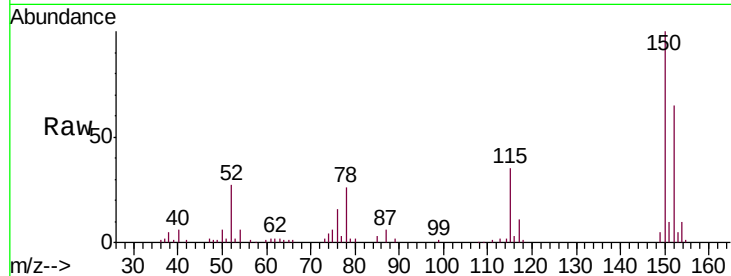
Tot Ion:152 Resp: 80890

Ion Ratio Lower Upper

152 100

115 53.7 29.5 88.6

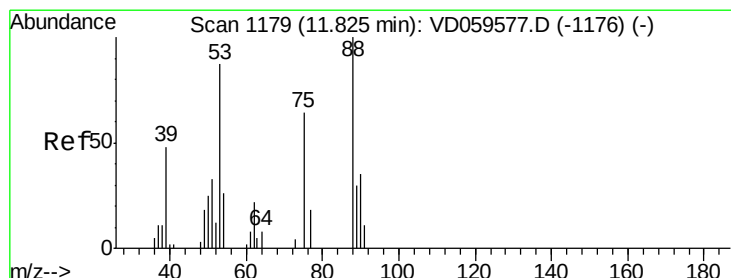
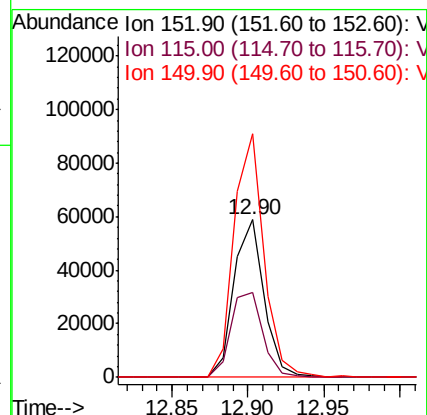
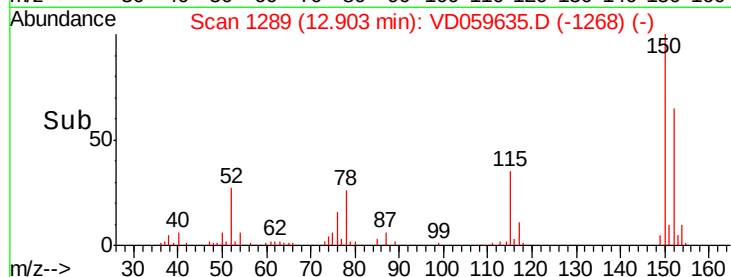
150 154.8 0.0 314.4



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: 138.54 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059635.D

Acq: 30 Jul 2018 23:05

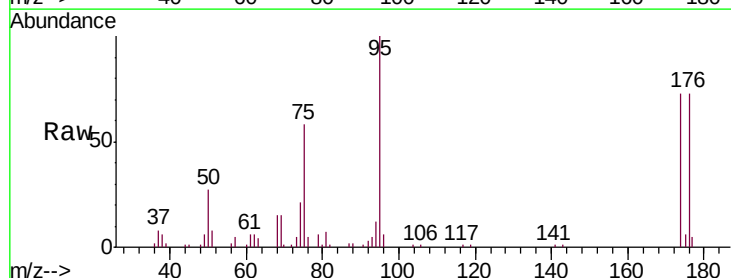
Tgt Ion: 75 Resp: 47380

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

