

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059626.D
 Acq On : 30 Jul 2018 18:44
 Operator : VA/AP
 Sample : VD0730SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBL01

Quant Time: Jul 31 05:16:43 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	150487	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.66	114	183106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	147835	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	81066	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.98	65	97350	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
35) Dibromofluoromethane	5.51	113	86673	55.18	ug/l	0.00
Spiked Amount			Recovery	=	110.36%	
50) Toluene-d8	8.68	98	179192	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.92	95	82928	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	

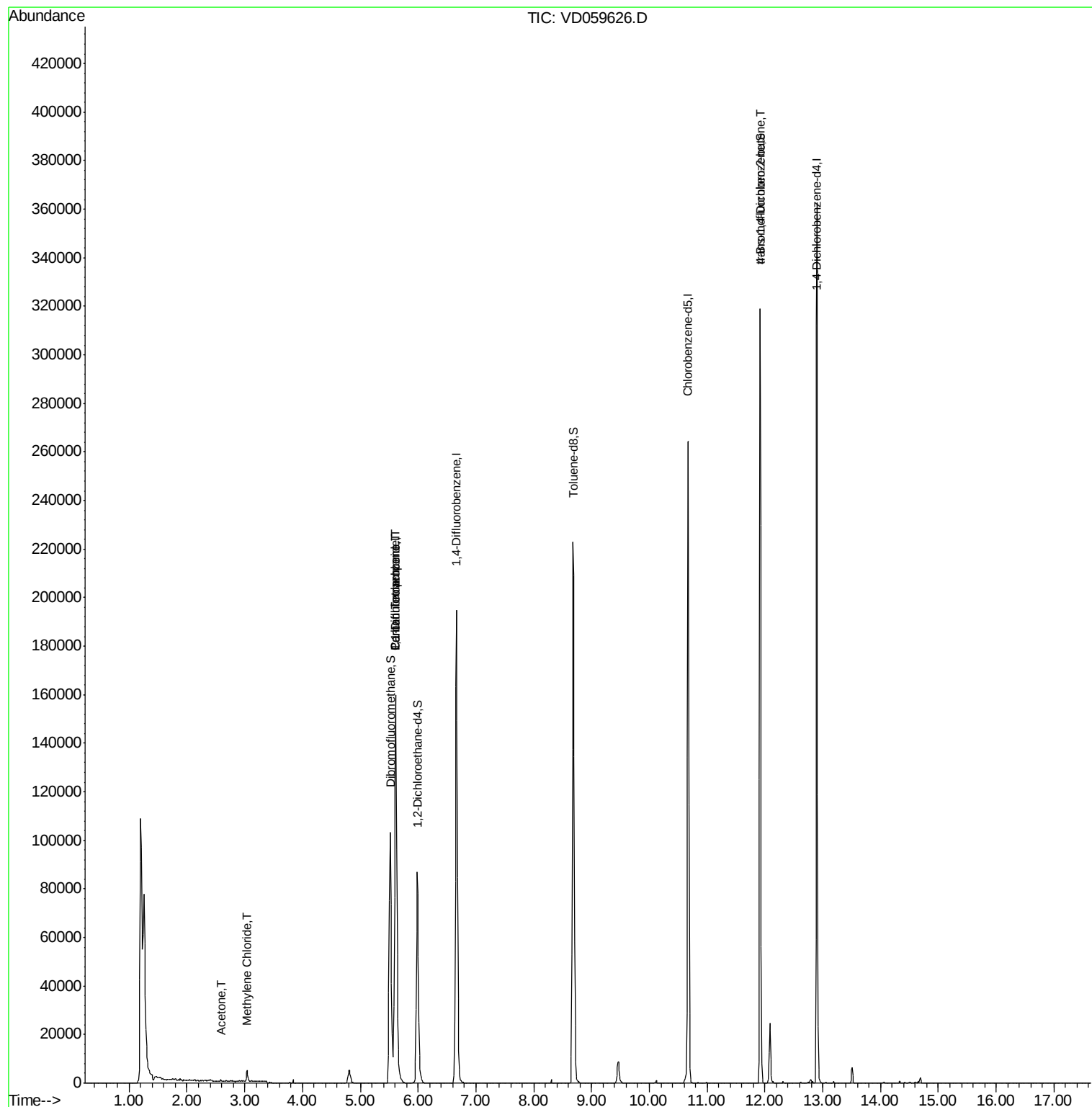
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.58	43	515	1.80	ug/l #	61
20) Methylene Chloride	3.04	84	1990	2.44	ug/l #	85
31) Cyclohexane	5.61	56	3818	Below Cal	#	1
36) 1,1-Dichloropropene	5.61	75	12757	6.94	ug/l #	49
38) Carbon Tetrachloride	5.62	117	14519	5.77	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	45611	133.07	ug/l #	1

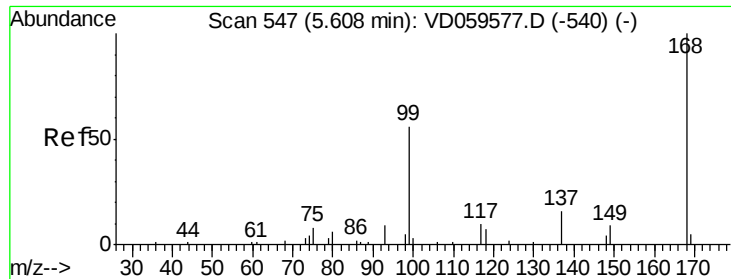
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073018\
Data File : VD059626.D
Acq On : 30 Jul 2018 18:44
Operator : VA/AP
Sample : VD0730SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

Quant Time: Jul 31 05:02:15 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

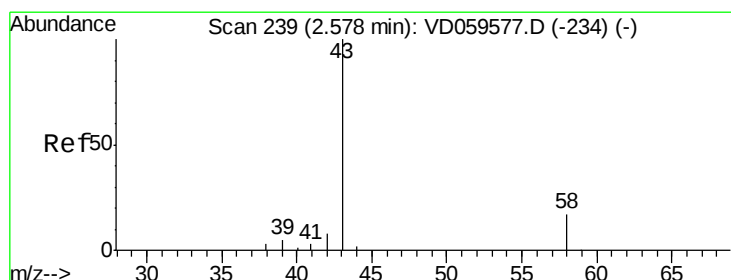
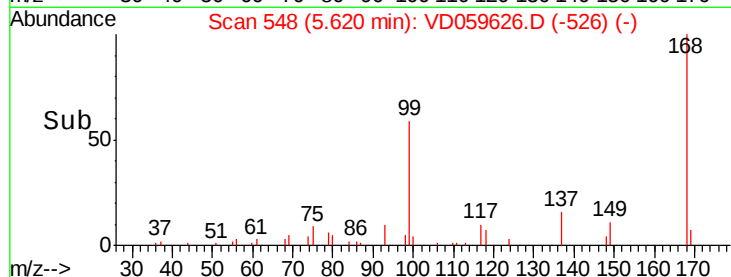
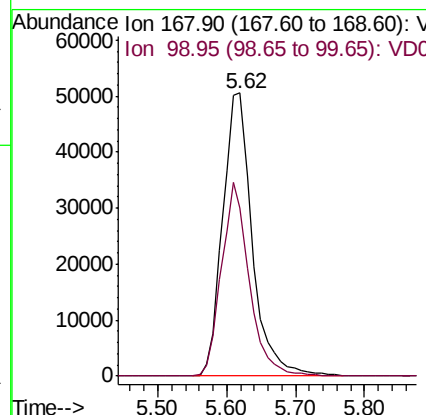
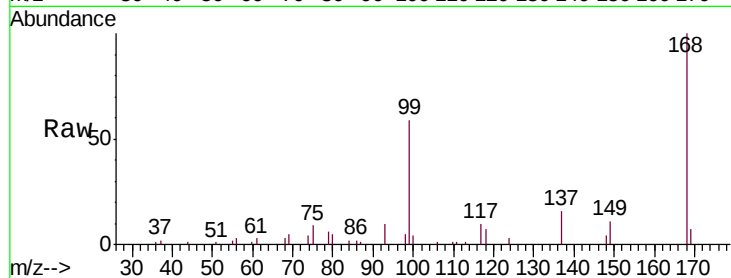




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 548
Delta R.T. 0.01 min
Lab File: VD059626.D
Acq: 30 Jul 2018 18:44

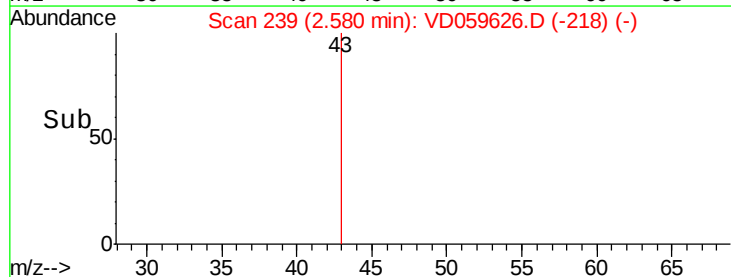
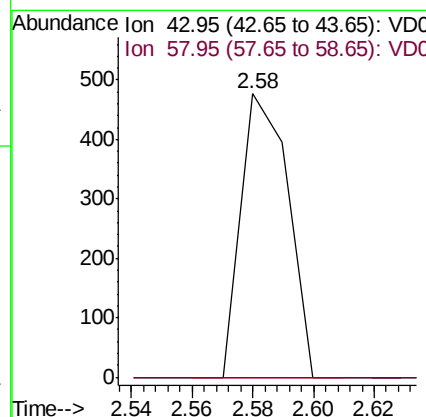
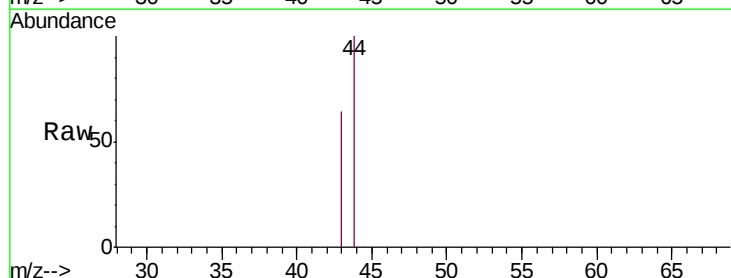
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

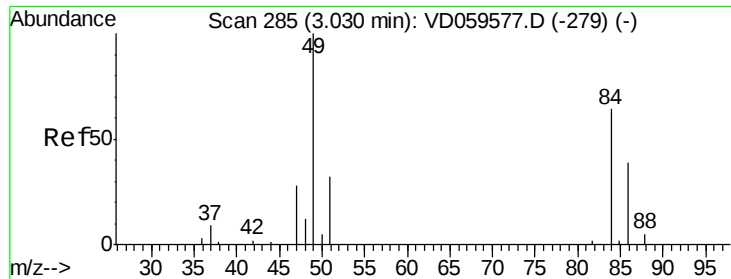
Tot Ion:168 Resp: 150487
Ion Ratio Lower Upper
168 100
99 59.3 47.3 70.9



#16
Acetone
Concen: 1.80 ug/l
RT: 2.58 min Scan# 239
Delta R.T. 0.00 min
Lab File: VD059626.D
Acq: 30 Jul 2018 18:44

Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
58 0.0 13.4 20.0#

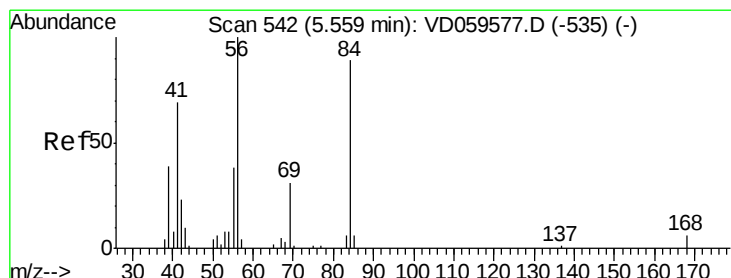
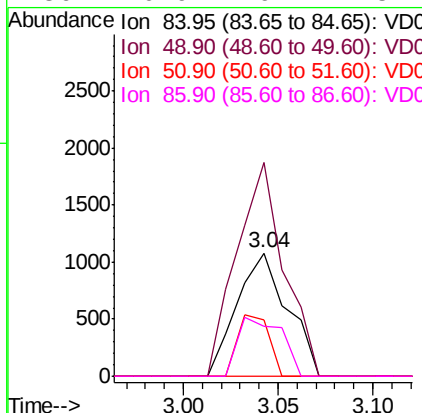
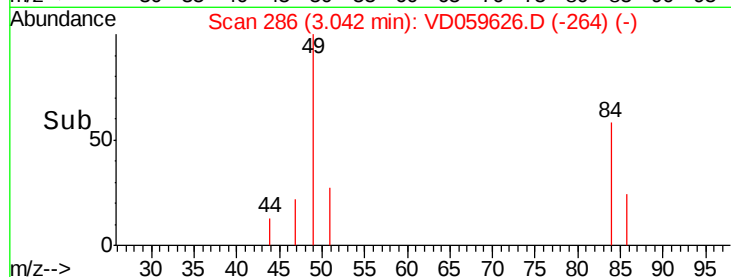
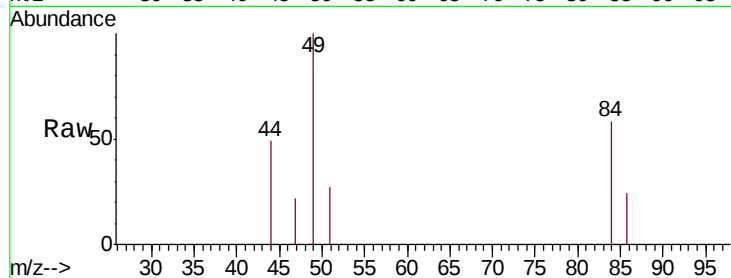




#20
Methvlene Chloride
Concen: 2.44 ua/l
RT: 3.04 min Scan# 286
Delta R.T. 0.01 min
Lab File: VD059626.D
Acq: 30 Jul 2018 18:44

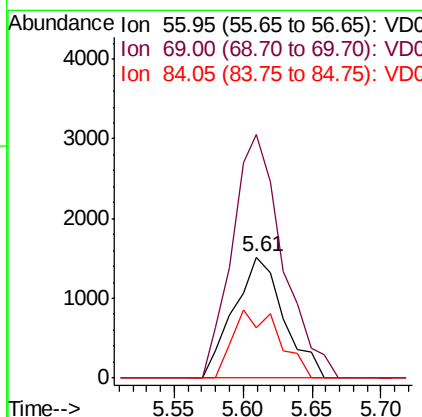
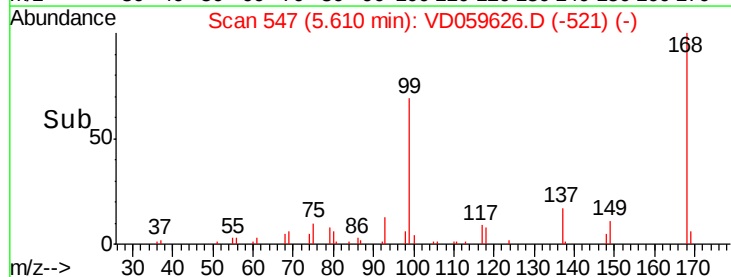
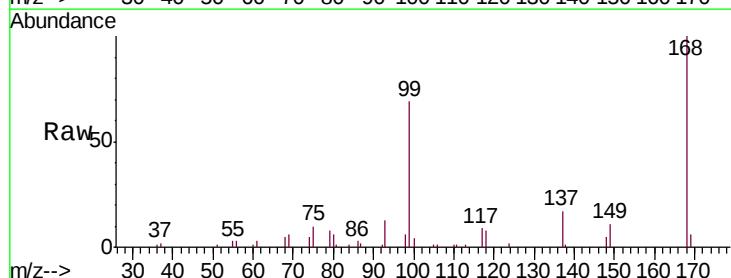
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

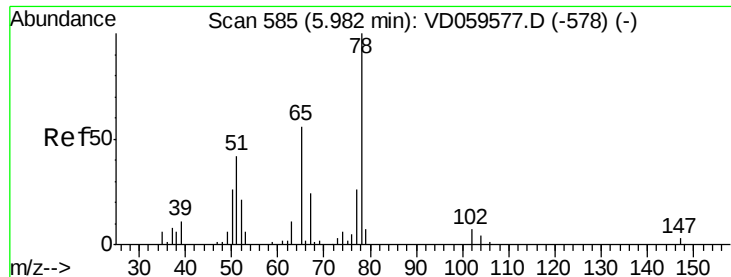
Tot Ion: 84 Resp: 1990
Ion Ratio Lower Upper
84 100
49 173.5 125.4 188.2
51 46.2 39.7 59.5
86 40.9 49.1 73.7#



#31
Cyclohexane
Concen: Below Cal
RT: 5.61 min Scan# 547
Delta R.T. 0.05 min
Lab File: VD059626.D
Acq: 30 Jul 2018 18:44

Tgt Ion: 56 Resp: 3818
Ion Ratio Lower Upper
56 100
69 201.5 24.6 37.0#
84 42.2 72.7 109.1#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.98 min Scan# 585

Delta R.T. 0.00 min

Lab File: VD059626.D

Acq: 30 Jul 2018 18:44

Instrument :

MSVOA_D

ClientSampleId :

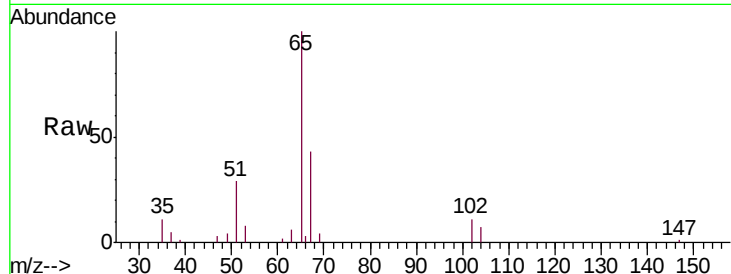
VD0730SBL01

Tot Ion: 65 Resp: 97350

Ion Ratio Lower Upper

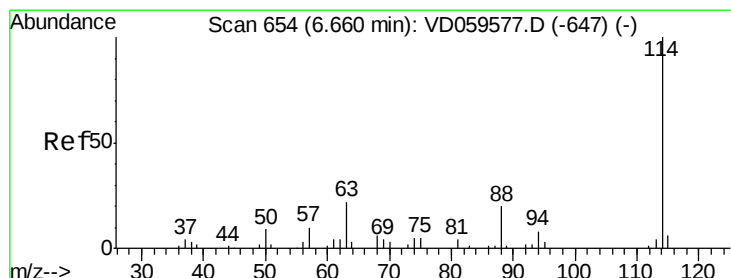
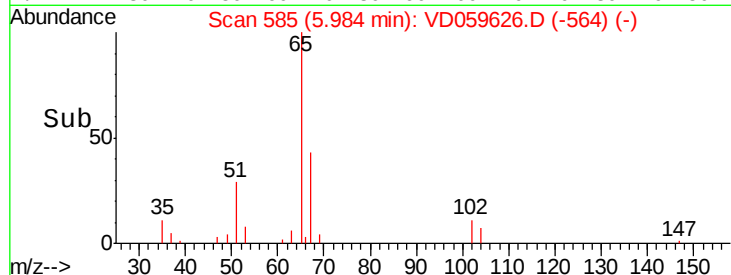
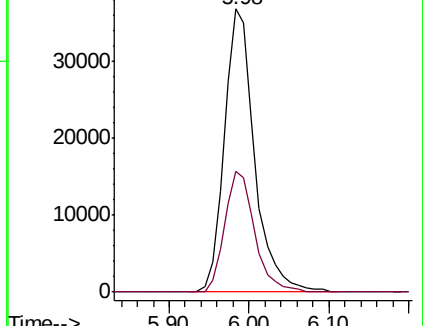
65 100

67 42.5 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.66 min Scan# 654

Delta R.T. 0.00 min

Lab File: VD059626.D

Acq: 30 Jul 2018 18:44

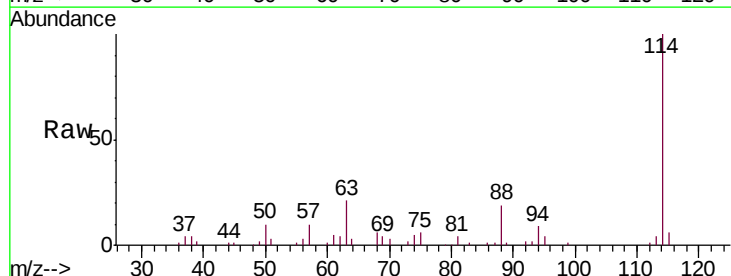
Tgt Ion: 114 Resp: 183106

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

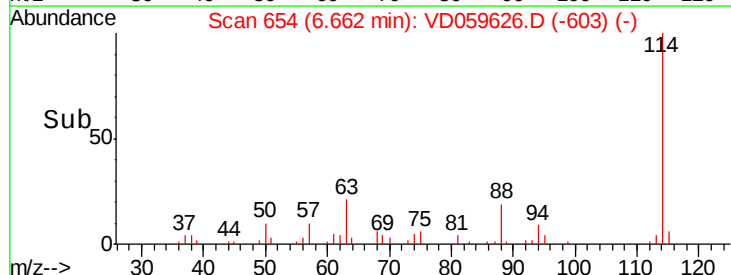
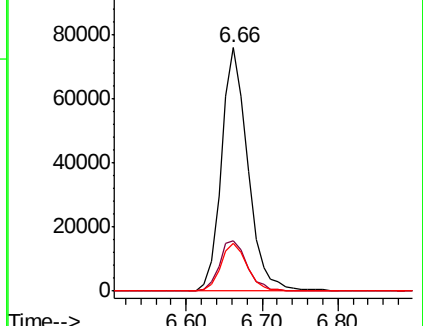
88 19.4 0.0 39.0

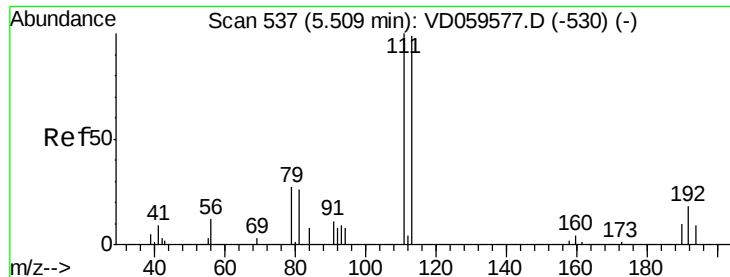


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.51 min Scan# 537

Delta R.T. 0.00 min

Lab File: VD059626.D

Acq: 30 Jul 2018 18:44

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBL01

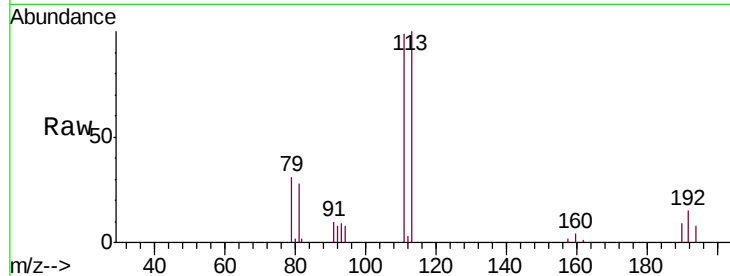
Tot Ion:113 Resp: 86673

Ion Ratio Lower Upper

113 100

111 99.5 80.5 120.7

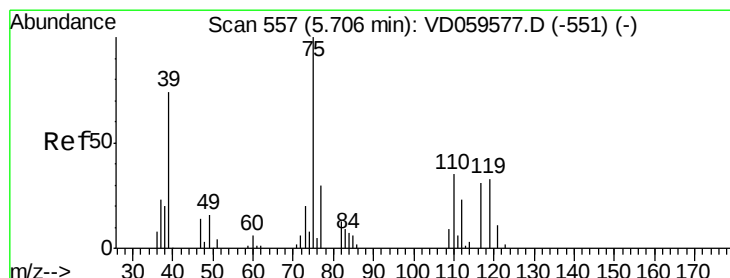
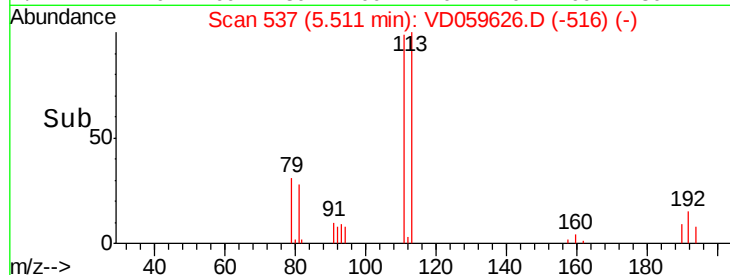
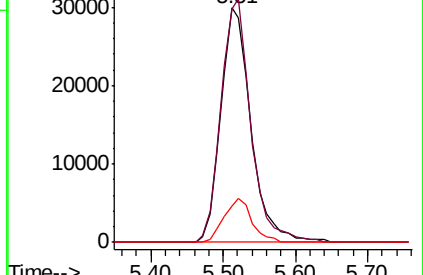
192 15.4 14.5 21.7



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



#36

1,1-Dichloropropene

Concen: 6.94 ug/l

RT: 5.61 min Scan# 547

Delta R.T. -0.10 min

Lab File: VD059626.D

Acq: 30 Jul 2018 18:44

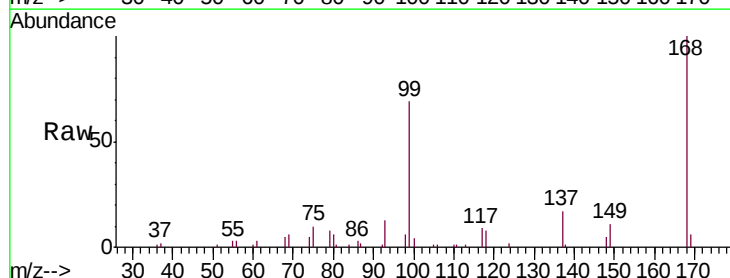
Tgt Ion: 75 Resp: 12757

Ion Ratio Lower Upper

75 100

110 6.2 17.0 50.9#

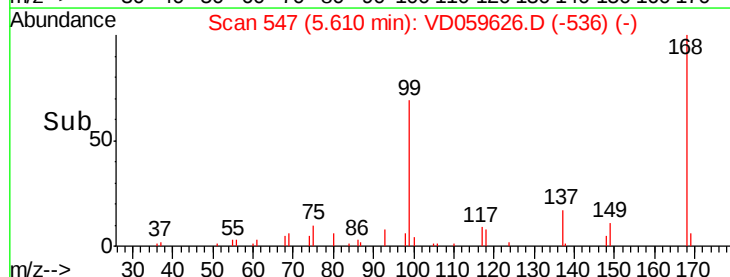
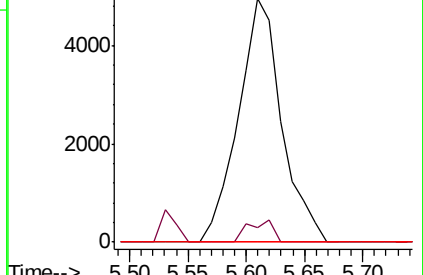
77 0.0 23.6 35.4#

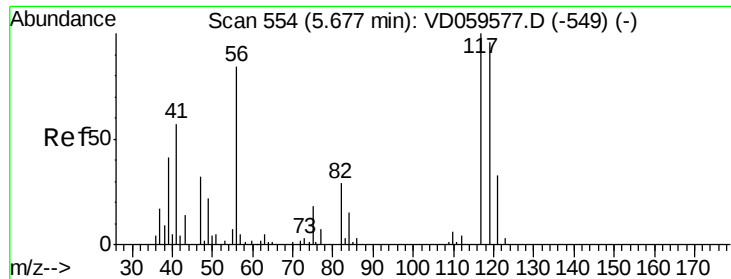


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 5.77 ug/l

RT: 5.62 min Scan# 548

Delta R.T. -0.06 min

Lab File: VD059626.D

Acq: 30 Jul 2018 18:44

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBL01

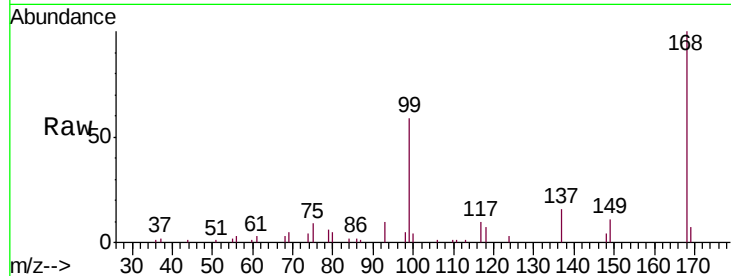
Tot Ion:117 Resp: 14519

Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

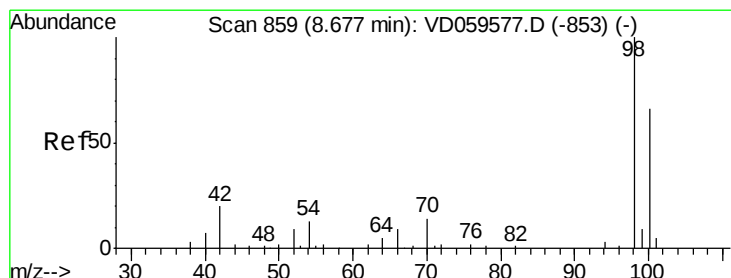
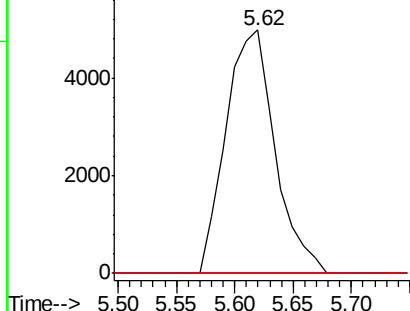
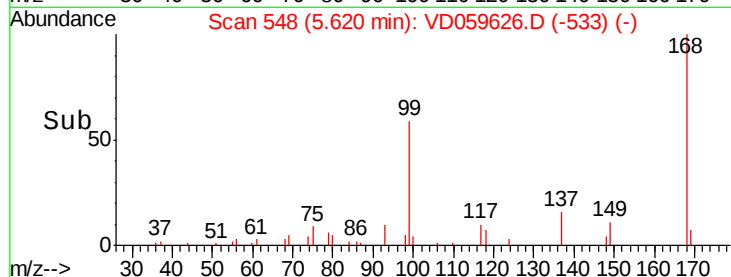
121 0.0 25.0 37.6#



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: 8.68 min Scan# 859

Delta R.T. 0.00 min

Lab File: VD059626.D

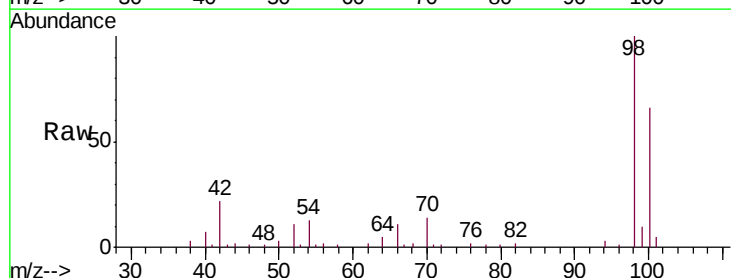
Acq: 30 Jul 2018 18:44

Tgt Ion: 98 Resp: 179192

Ion Ratio Lower Upper

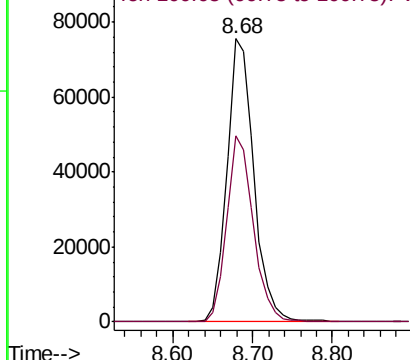
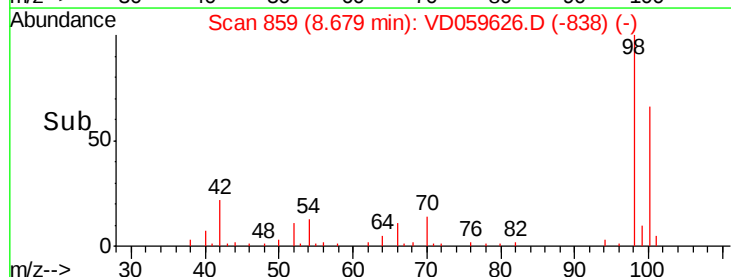
98 100

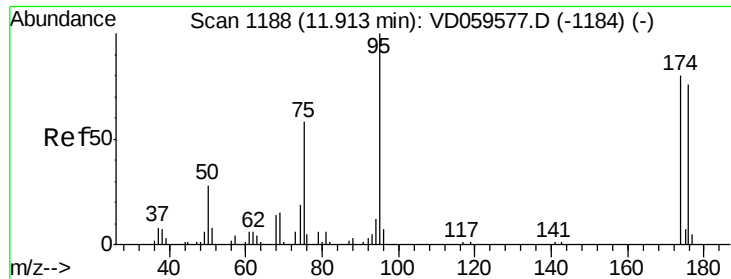
100 65.7 53.2 79.8



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# 1188

Delta R.T. 0.00 min

Lab File: VD059626.D

Acq: 30 Jul 2018 18:44

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBL01

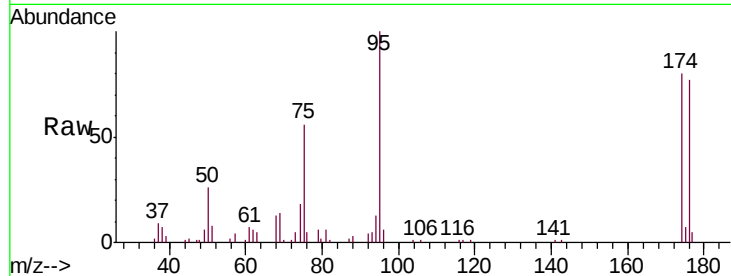
Tot Ion: 95 Resp: 82928

Ion Ratio Lower Upper

95 100

174 79.8 0.0 160.6

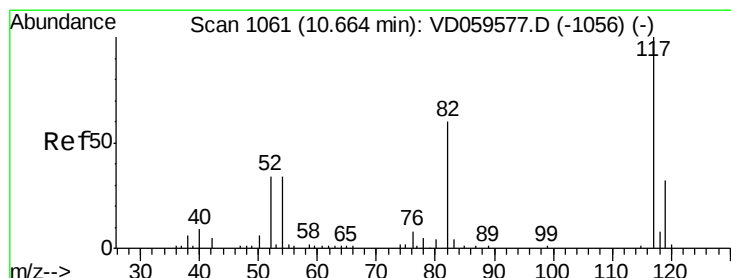
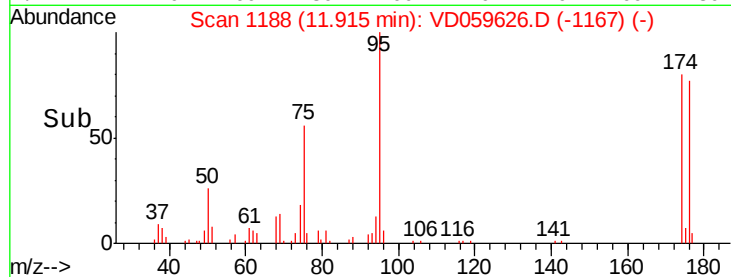
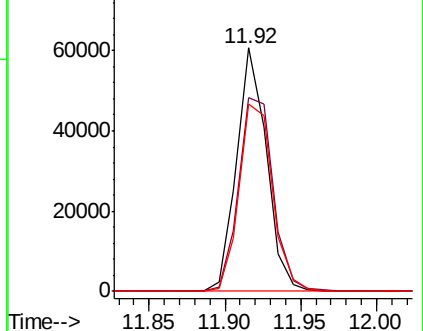
176 77.1 0.0 152.8



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# 1062

Delta R.T. 0.01 min

Lab File: VD059626.D

Acq: 30 Jul 2018 18:44

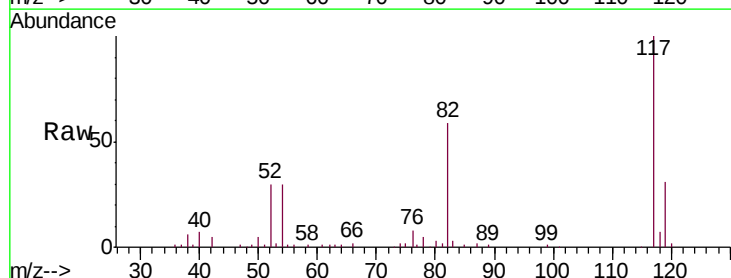
Tgt Ion: 117 Resp: 147835

Ion Ratio Lower Upper

117 100

82 58.5 48.2 72.2

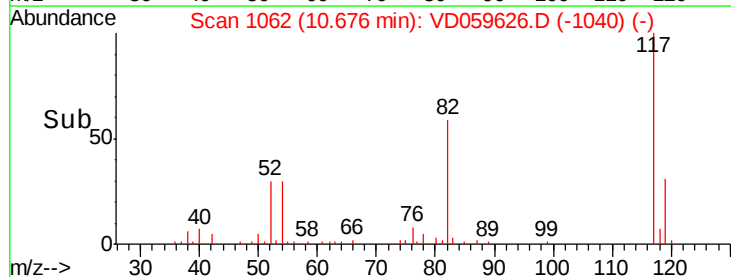
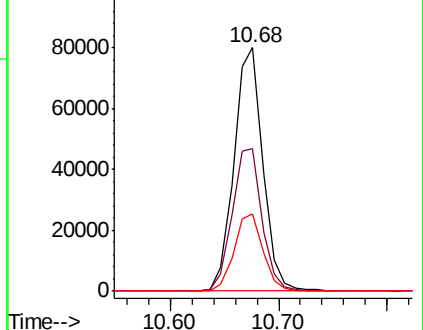
119 31.5 25.4 38.2

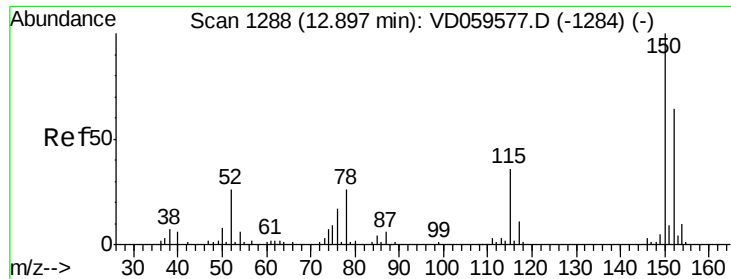


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1288

Delta R.T. 0.00 min

Lab File: VD059626.D

Acq: 30 Jul 2018 18:44

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBL01

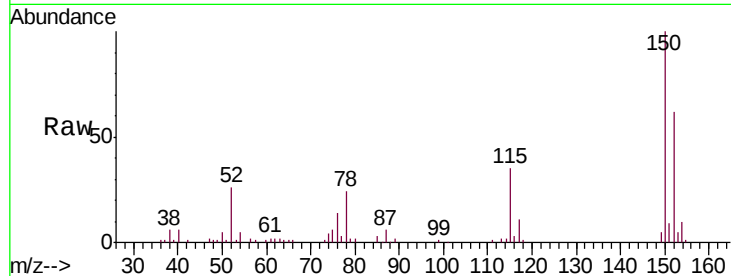
Tot Ion:152 Resp: 81066

Ion Ratio Lower Upper

152 100

115 55.9 29.5 88.6

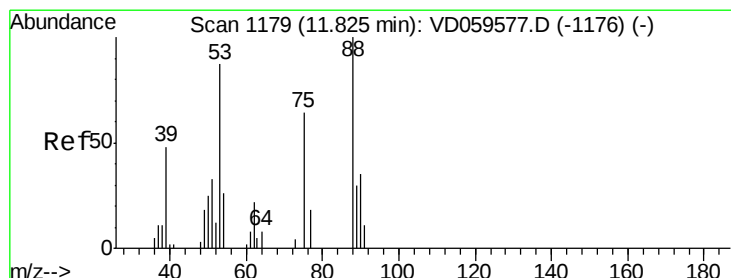
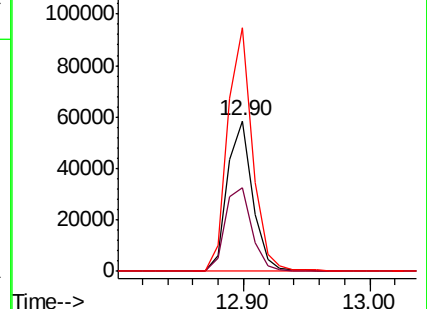
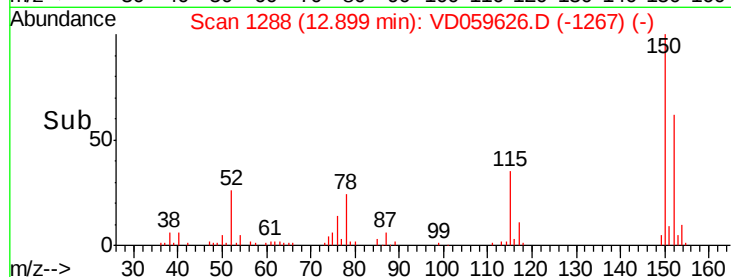
150 162.0 0.0 314.4



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: 133.07 ug/l

RT: 11.92 min Scan# 1188

Delta R.T. 0.09 min

Lab File: VD059626.D

Acq: 30 Jul 2018 18:44

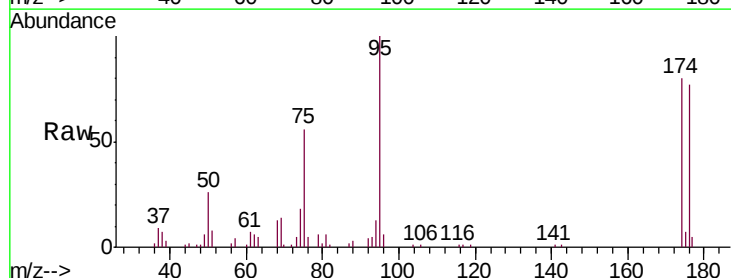
Tgt Ion: 75 Resp: 45611

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): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

