

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059632.D
 Acq On : 30 Jul 2018 21:38
 Operator : VA/AP
 Sample : J4189-07RE
 Misc : 5.63g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-DRE

Quant Time: Jul 31 05:18:33 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	111379	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.68	114	157228	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	136825	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	73501	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	94406	67.42	ug/l	0.02
Spiked Amount			Recovery	=	134.84%	
35) Dibromofluoromethane	5.52	113	80501	59.69	ug/l	0.02
Spiked Amount			Recovery	=	119.38%	
50) Toluene-d8	8.69	98	159843	52.25	ug/l	0.02
Spiked Amount			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.93	95	73167	53.09	ug/l	0.02
Spiked Amount			Recovery	=	106.18%	

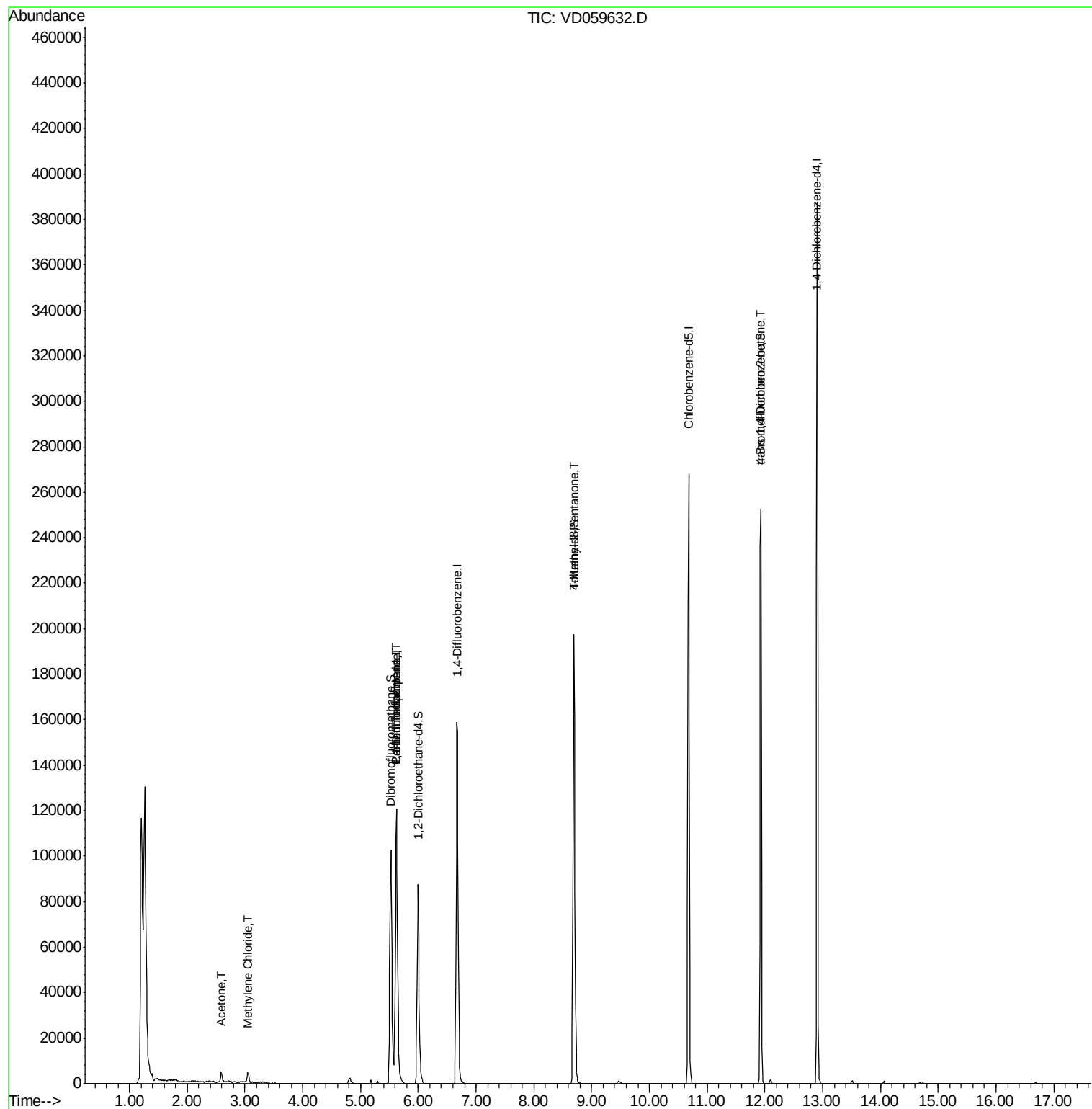
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.58	43	7885	37.29	ug/l	97
20) Methylene Chloride	3.06	84	2173	3.60	ug/l	# 91
31) Cyclohexane	5.62	56	2307	Below Cal	#	9
36) 1,1-Dichloropropene	5.61	75	9282	5.88	ug/l	# 43
38) Carbon Tetrachloride	5.62	117	11397	5.28	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.69	43	839	1.12	ug/l	# 1
81) trans-1,4-Dichloro-2-buten	11.92	75	40568	130.54	ug/l	# 1

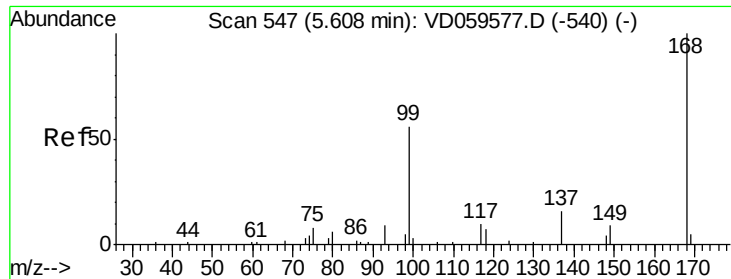
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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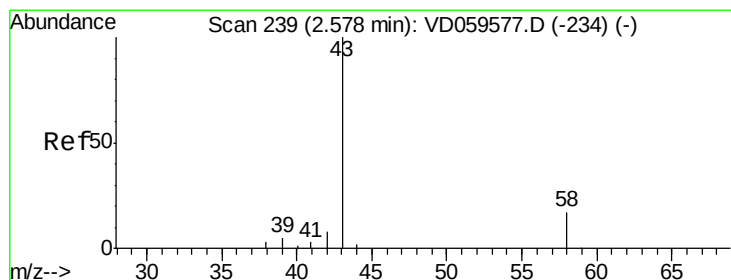
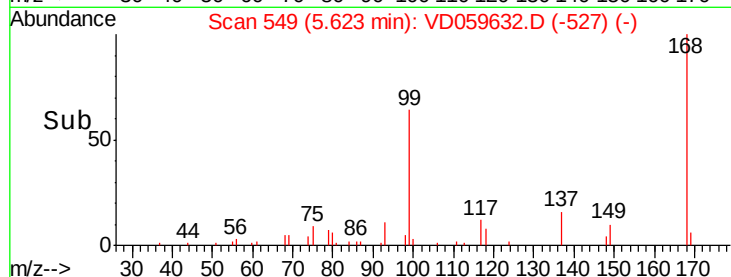
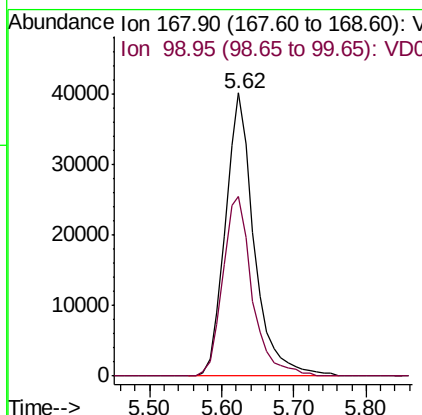
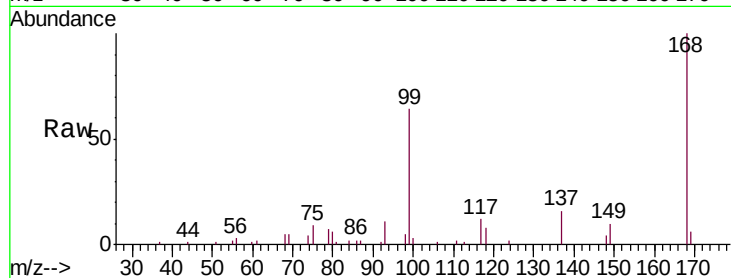




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 549
Delta R.T. 0.02 min
Lab File: VD059632.D
Acq: 30 Jul 2018 21:38

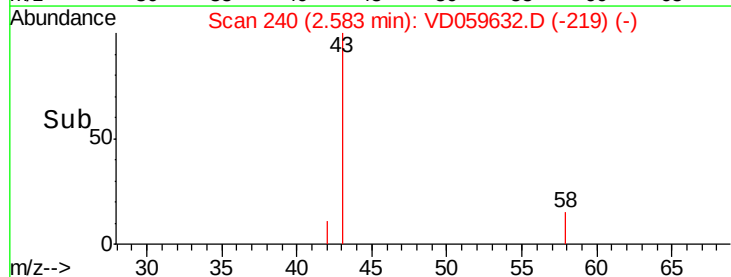
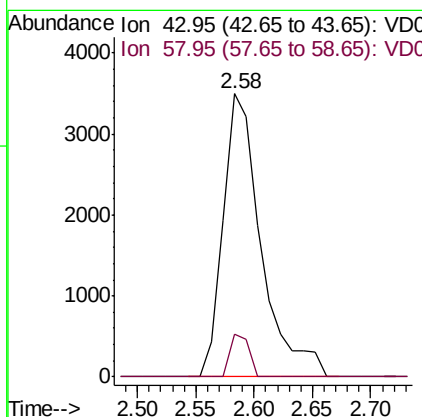
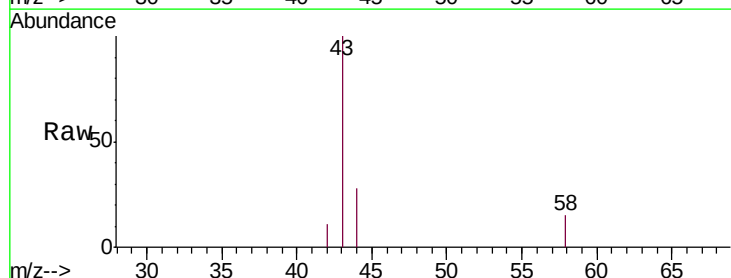
Instrument :
MSVOA_D
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TP-12-DRE

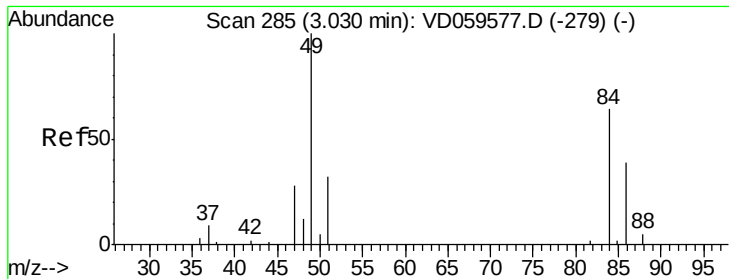
Tot Ion:168 Resp: 111379
Ion Ratio Lower Upper
168 100
99 63.7 47.3 70.9



#16
Acetone
Concen: 37.29 ug/l
RT: 2.58 min Scan# 240
Delta R.T. 0.01 min
Lab File: VD059632.D
Acq: 30 Jul 2018 21:38

Tgt Ion: 43 Resp: 7885
Ion Ratio Lower Upper
43 100
58 15.3 13.4 20.0

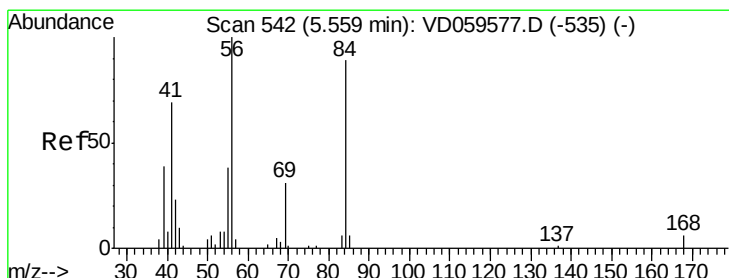
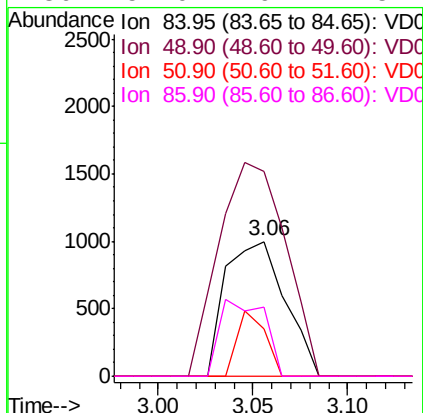
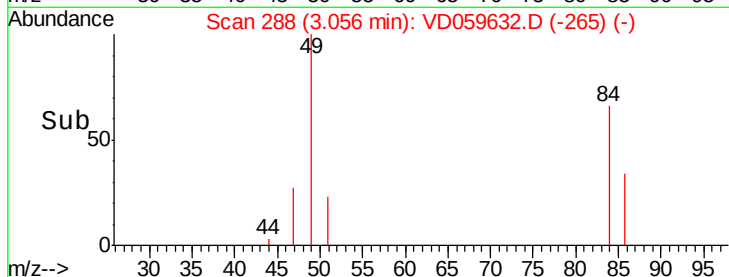
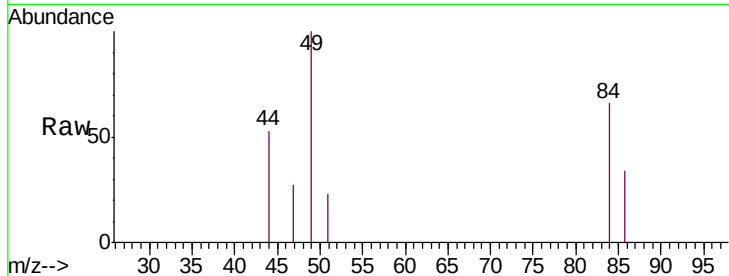




#20
Methvlene Chloride
Concen: 3.60 ua/l
RT: 3.06 min Scan# 288
Delta R.T. 0.03 min
Lab File: VD059632.D
Acq: 30 Jul 2018 21:38

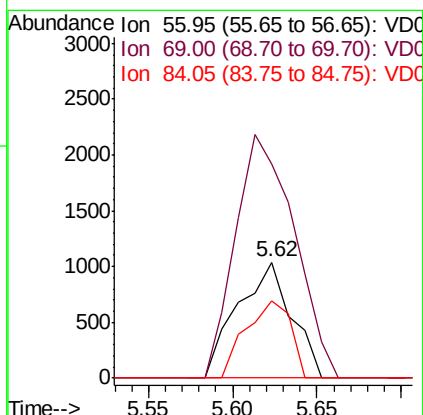
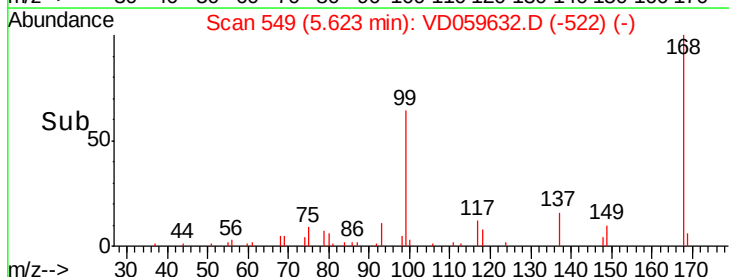
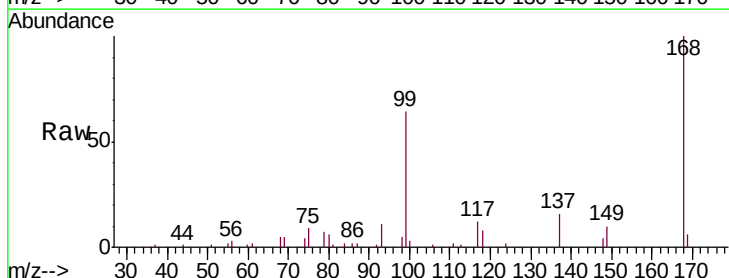
Instrument :
MSVOA_D
ClientSampleId :
TP-12-DRE

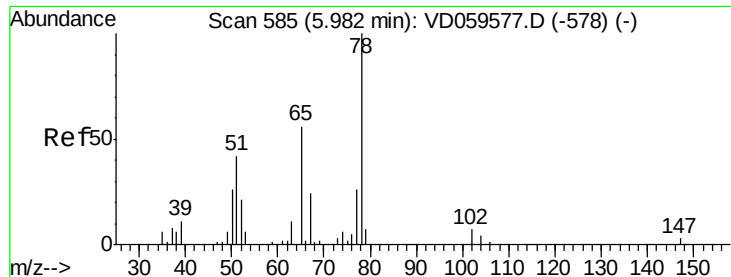
Tot Ion: 84 Resp: 2173
Ion Ratio Lower Upper
84 100
49 152.1 125.4 188.2
51 35.6 39.7 59.5#
86 51.0 49.1 73.7



#31
Cyclohexane
Concen: Below Cal
RT: 5.62 min Scan# 549
Delta R.T. 0.07 min
Lab File: VD059632.D
Acq: 30 Jul 2018 21:38

Tgt Ion: 56 Resp: 2307
Ion Ratio Lower Upper
56 100
69 185.6 24.6 37.0#
84 66.2 72.7 109.1#

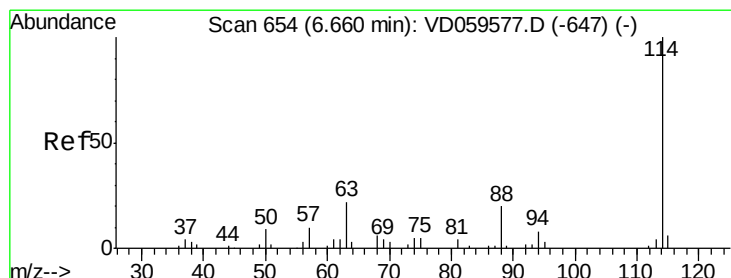
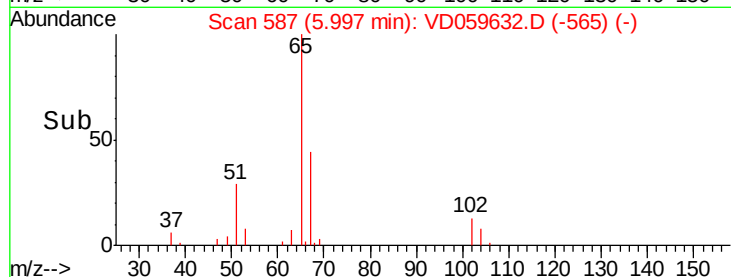
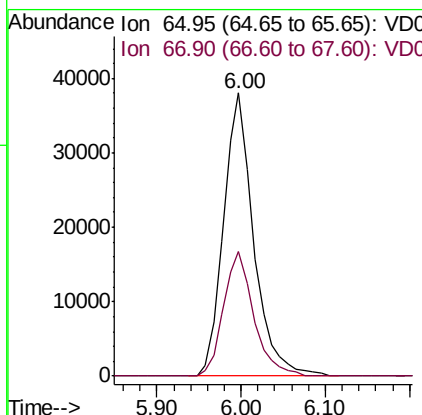
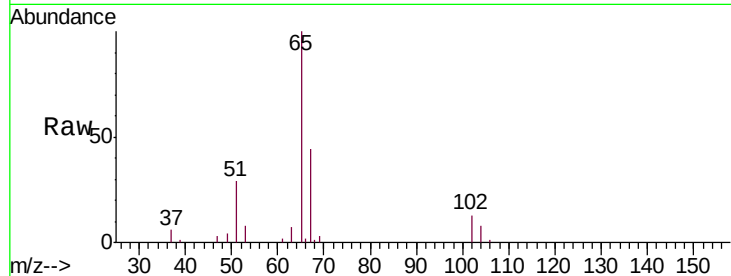




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. 0.02 min
 Lab File: VD059632.D
 Acq: 30 Jul 2018 21:38

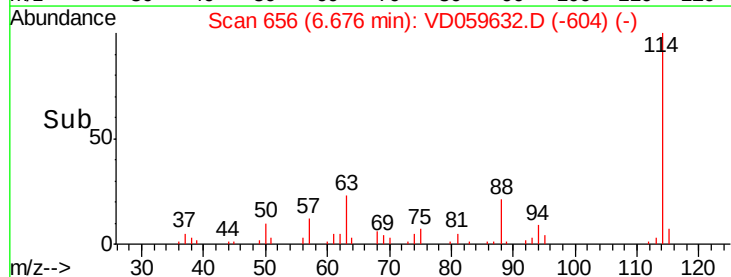
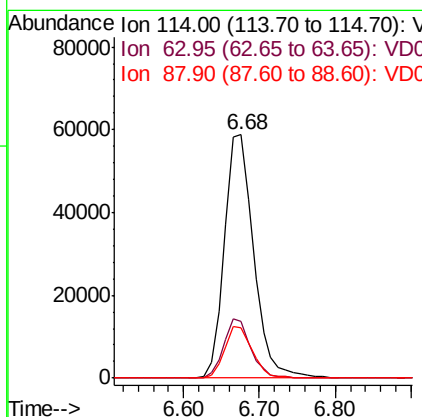
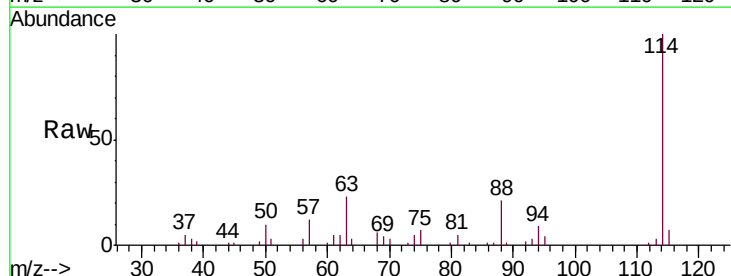
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-DRE

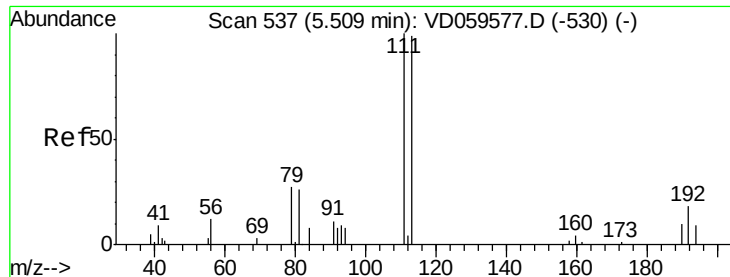
Tot Ion: 65 Resp: 94406
 Ion Ratio Lower Upper
 65 100
 67 43.8 0.0 86.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: VD059632.D
 Acq: 30 Jul 2018 21:38

Tgt Ion: 114 Resp: 157228
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 43.8
 88 20.9 0.0 39.0

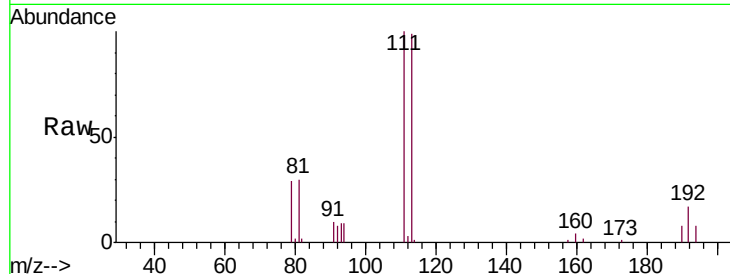




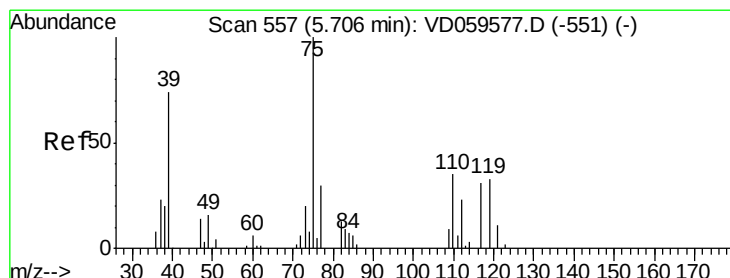
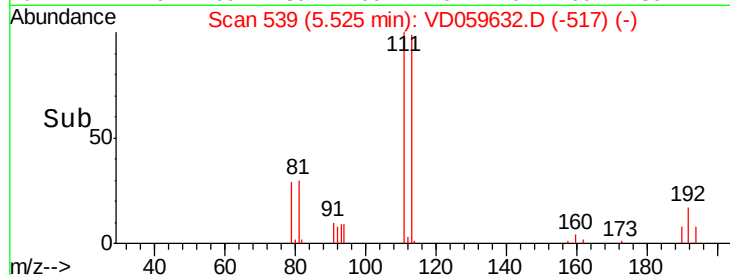
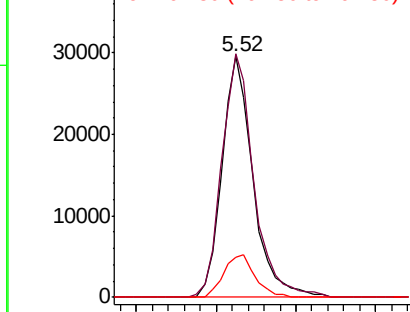
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.52 min Scan# 539
Delta R.T. 0.02 min
Lab File: VD059632.D
Acq: 30 Jul 2018 21:38

Instrument :
MSVOA_D
ClientSampleId :
TP-12-DRE

Tot Ion:113 Resp: 80501
Ion Ratio Lower Upper
113 100
111 101.2 80.5 120.7
192 16.7 14.5 21.7

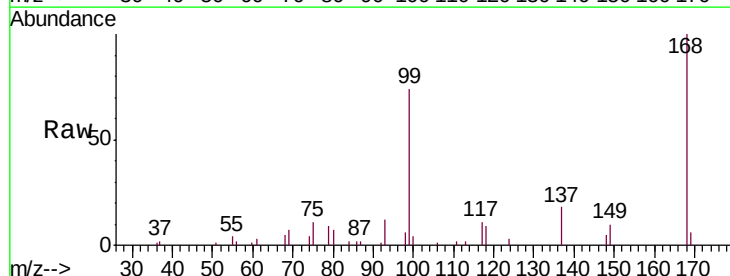


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

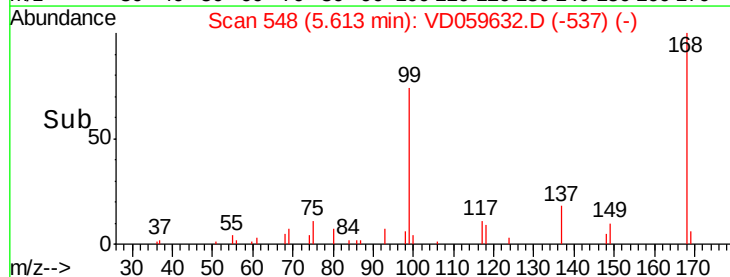
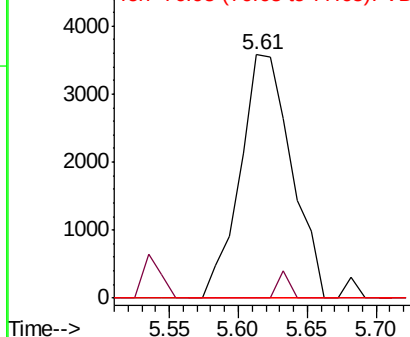


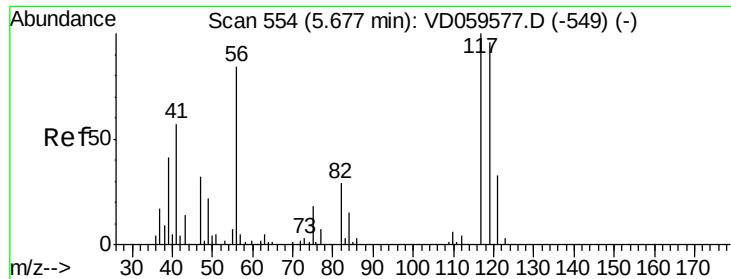
#36
1,1-Dichloropropene
Concen: 5.88 ug/l
RT: 5.61 min Scan# 548
Delta R.T. -0.09 min
Lab File: VD059632.D
Acq: 30 Jul 2018 21:38

Tgt Ion: 75 Resp: 9282
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 23.6 35.4#



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

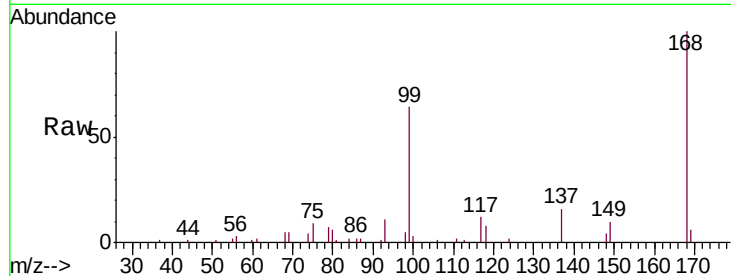




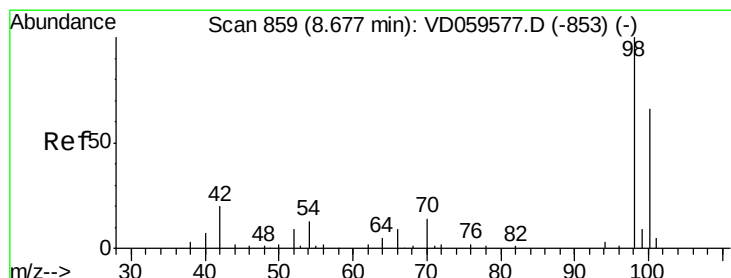
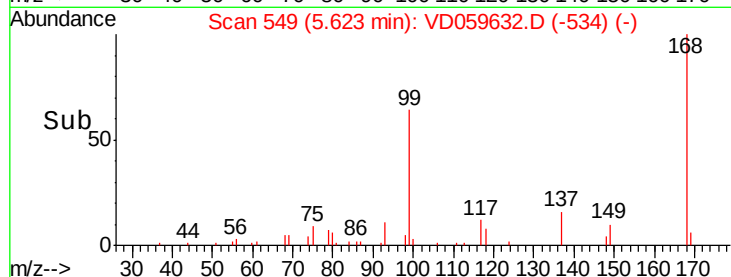
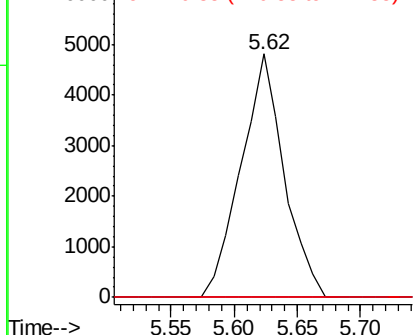
#38
Carbon Tetrachloride
Concen: 5.28 ug/l
RT: 5.62 min Scan# 549
Delta R.T. -0.05 min
Lab File: VD059632.D
Acq: 30 Jul 2018 21:38

Instrument :
MSVOA_D
ClientSampleId :
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Tot Ion:117 Resp: 11397
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.0 37.6#

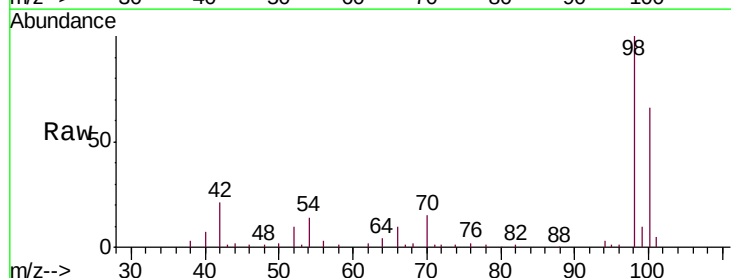


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

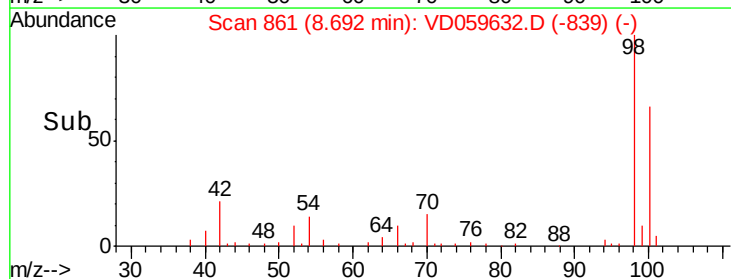
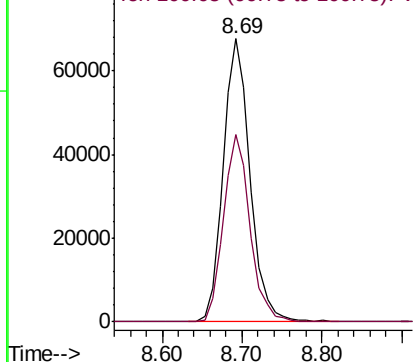


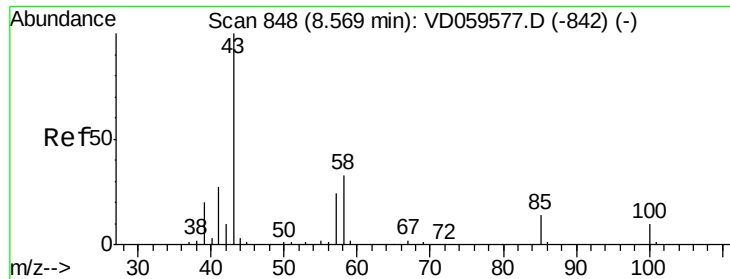
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD059632.D
Acq: 30 Jul 2018 21:38

Tgt Ion: 98 Resp: 159843
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8



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: 1.12 ug/l

RT: 8.69 min Scan# 861

Delta R.T. 0.12 min

Lab File: VD059632.D

Acq: 30 Jul 2018 21:38

Instrument :

MSVOA_D

ClientSampleId :

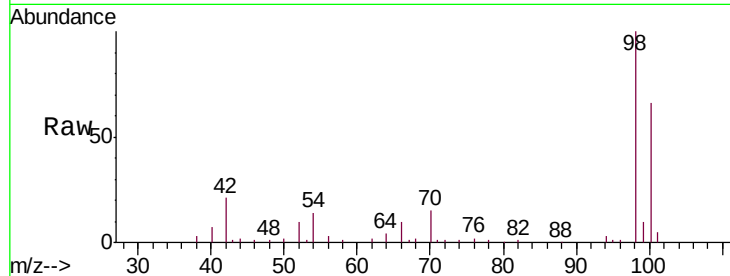
TP-12-DRE

Tot Ion: 43 Resp: 839

Ion Ratio Lower Upper

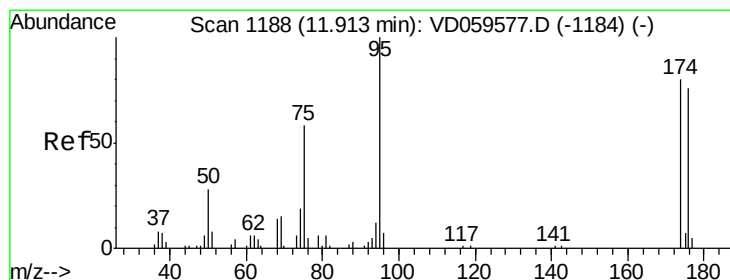
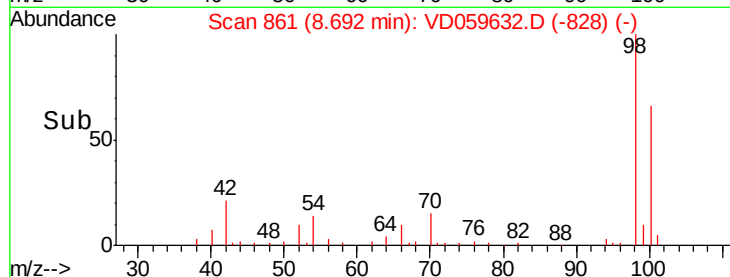
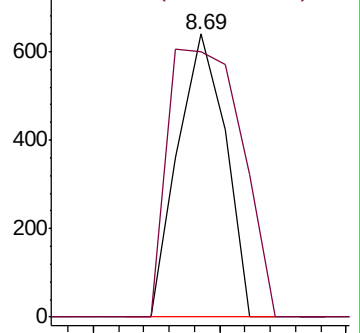
43 100

58 93.9 26.3 39.5#



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: 11.93 min Scan# 1190

Delta R.T. 0.02 min

Lab File: VD059632.D

Acq: 30 Jul 2018 21:38

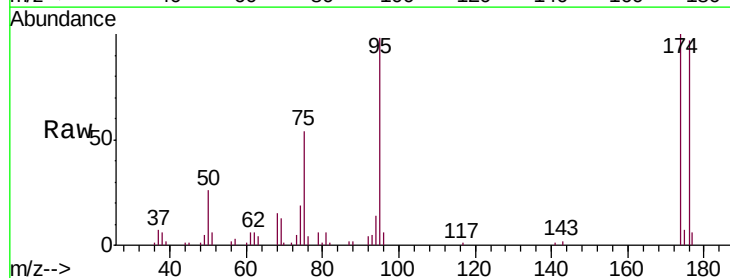
Tgt Ion: 95 Resp: 73167

Ion Ratio Lower Upper

95 100

174 101.9 0.0 160.6

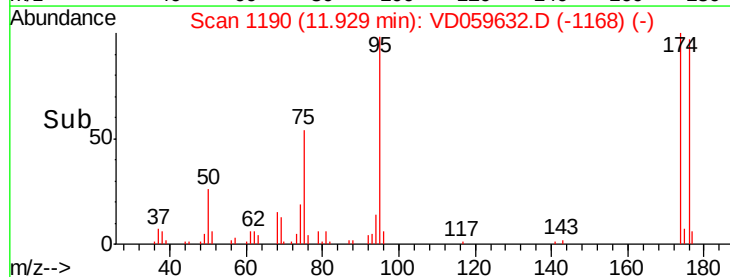
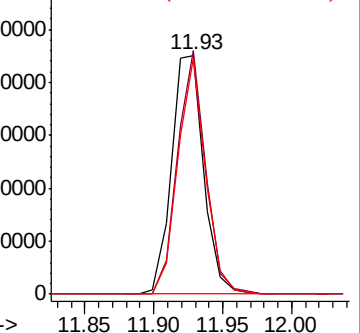
176 98.8 0.0 152.8

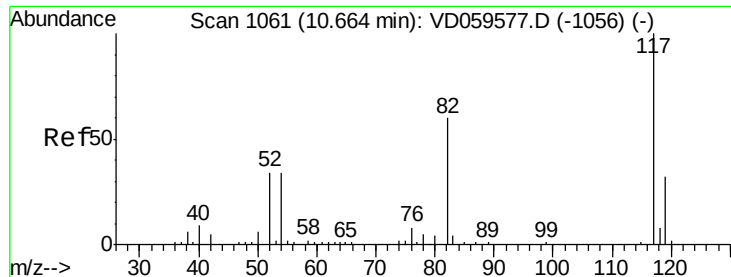


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.68 min Scan# 1063

Delta R.T. 0.02 min

Lab File: VD059632.D

Acq: 30 Jul 2018 21:38

Instrument :

MSVOA_D

ClientSampleId :

TP-12-DRE

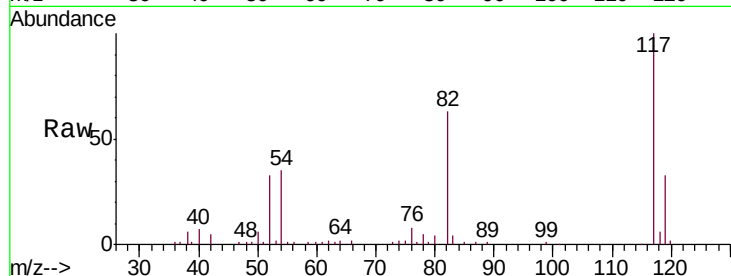
Tot Ion:117 Resp: 136825

Ion Ratio Lower Upper

117 100

82 63.3 48.2 72.2

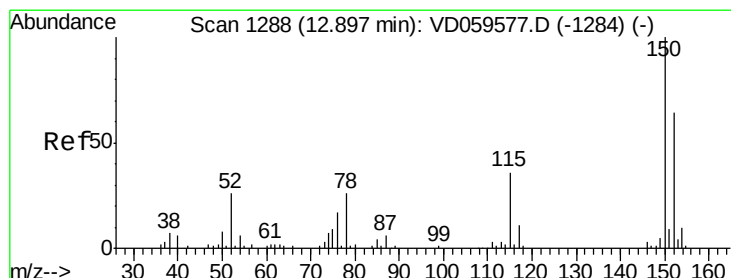
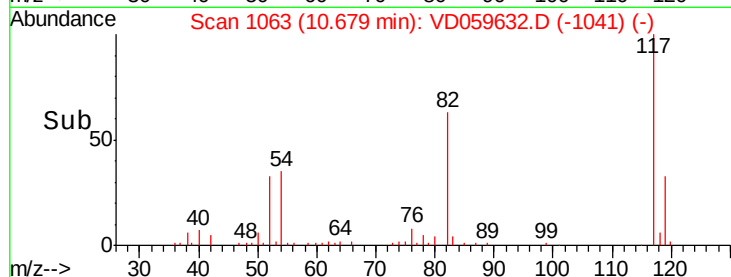
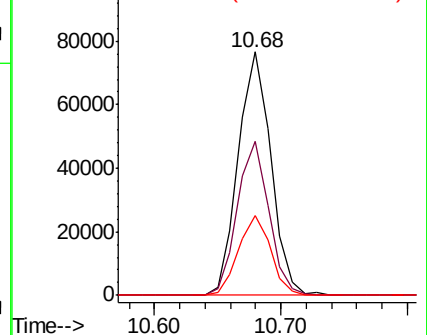
119 32.7 25.4 38.2



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: VD059632.D

Acq: 30 Jul 2018 21:38

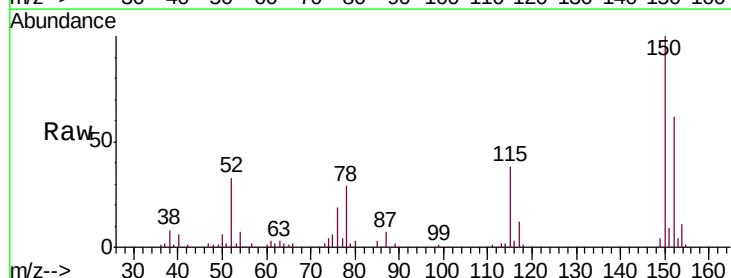
Tgt Ion:152 Resp: 73501

Ion Ratio Lower Upper

152 100

115 61.7 29.5 88.6

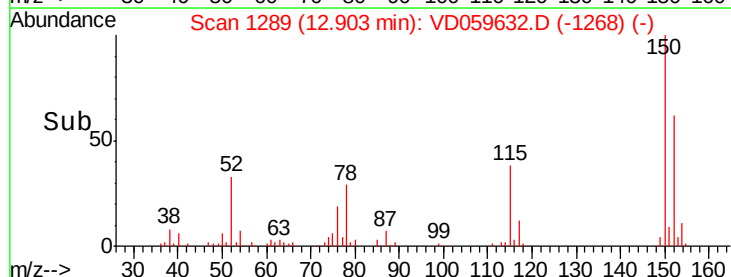
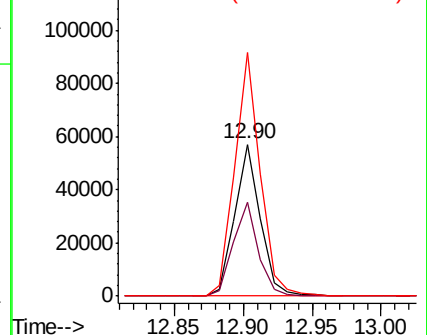
150 160.8 0.0 314.4

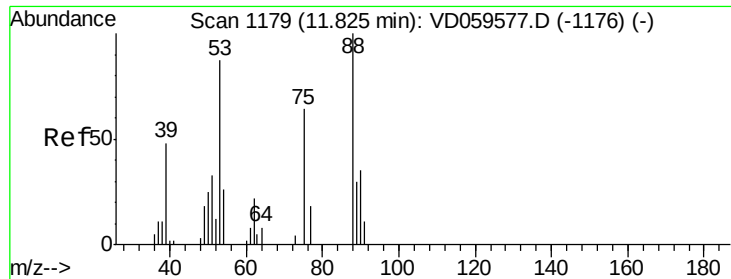


Abundance Ion 151.90 (151.60 to 152.60): V

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: 130.54 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059632.D

Acq: 30 Jul 2018 21:38

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 75 Resp: 40568

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#

