

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059637.D
 Acq On : 31 Jul 2018 00:03
 Operator : VA/AP
 Sample : J4192-04
 Misc : 9.85µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-001-B

Quant Time: Jul 31 05:19:26 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

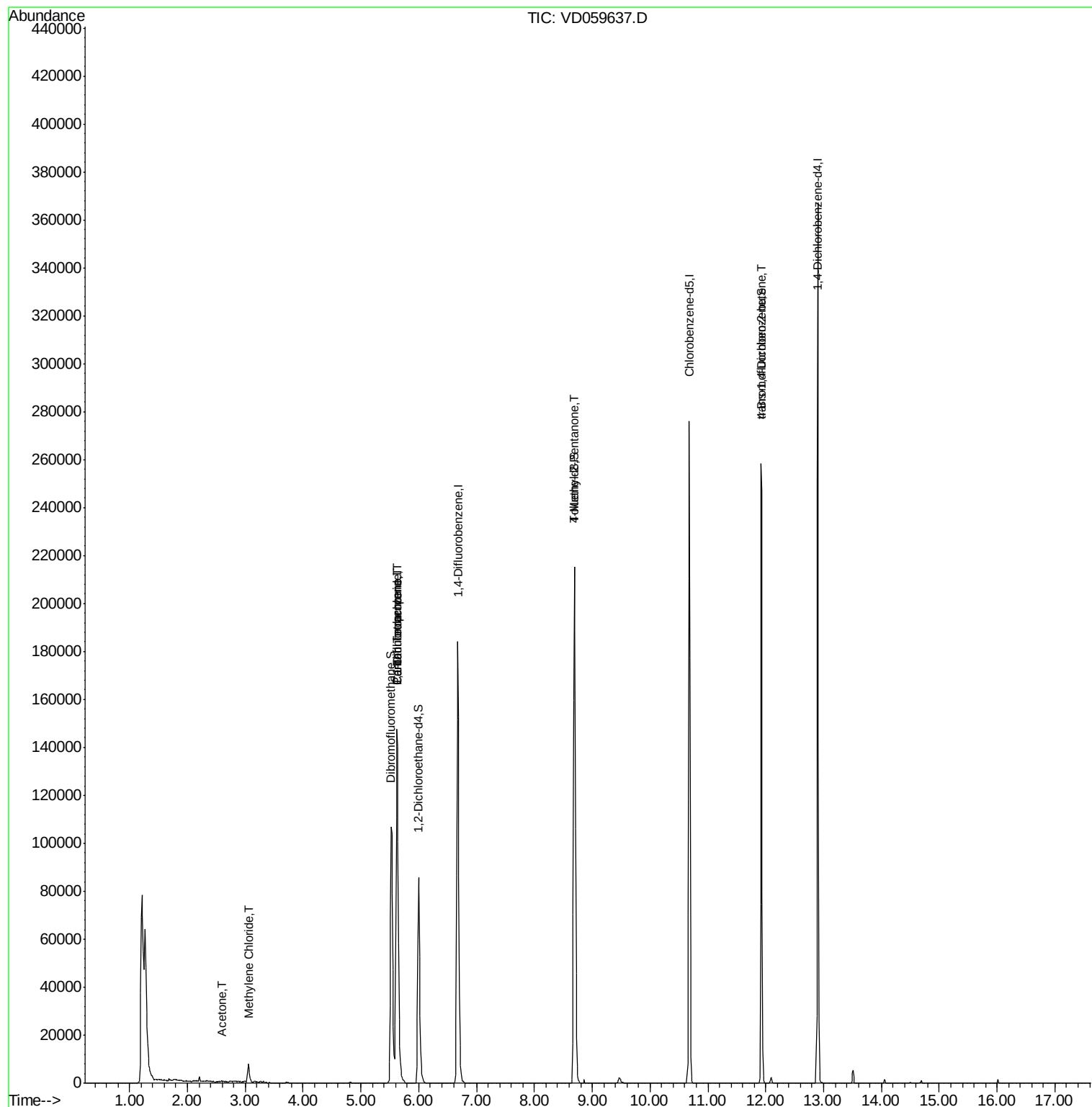
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	137938	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.67	114	176592	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.68	117	136488	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	73908	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	99246	57.23	ug/l	0.01
Spiked Amount 50.000			Recovery	=	114.46%	
35) Dibromofluoromethane	5.52	113	86416	57.05	ug/l	0.01
Spiked Amount 50.000			Recovery	=	114.10%	
50) Toluene-d8	8.69	98	169814	49.42	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.92	95	75601	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
Target Compounds						
16) Acetone	2.59	43	337	1.29	ug/l #	61
20) Methylene Chloride	3.05	84	3683	4.93	ug/l #	72
31) Cyclohexane	5.62	56	3210	Below Cal	#	1
36) 1,1-Dichloropropene	5.62	75	11870	6.70	ug/l #	50
38) Carbon Tetrachloride	5.62	117	14255	5.87	ug/l #	14
51) 4-Methyl-2-Pentanone	8.69	43	876	1.04	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.92	75	42271	135.27	ug/l #	1

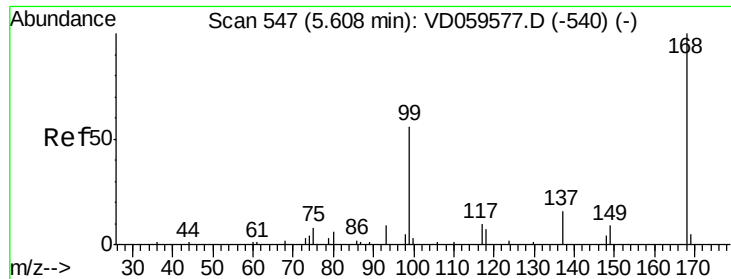
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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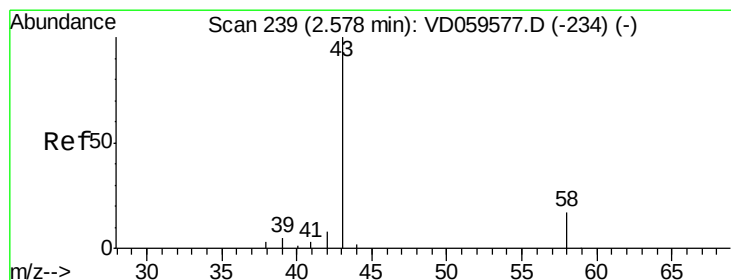
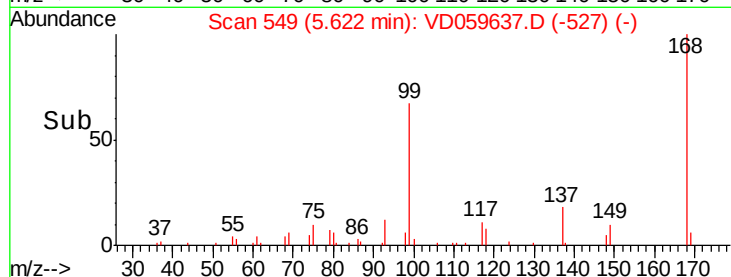
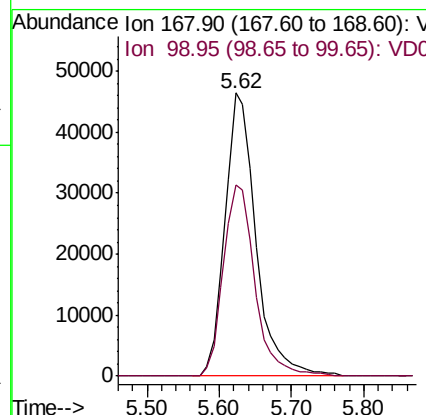
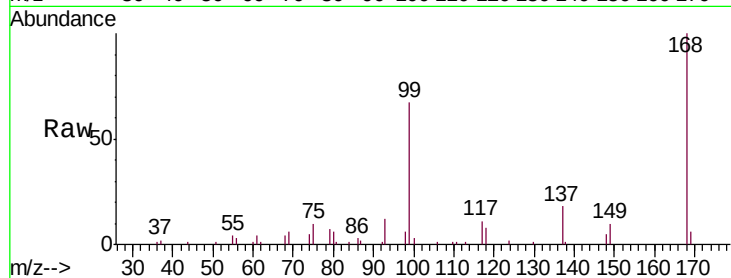




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 549
Delta R.T. 0.01 min
Lab File: VD059637.D
Acq: 31 Jul 2018 00:03

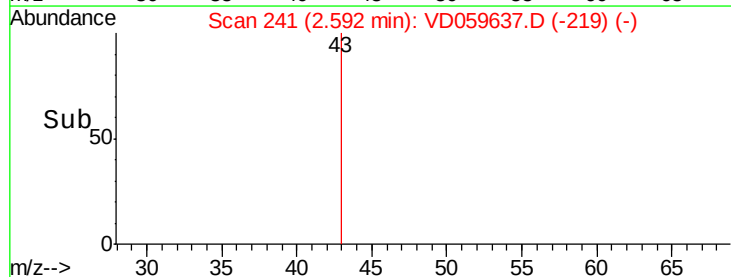
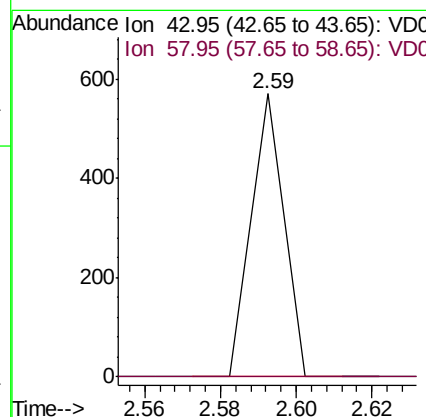
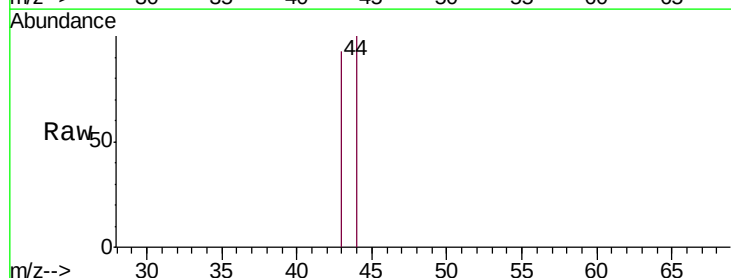
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-001-B

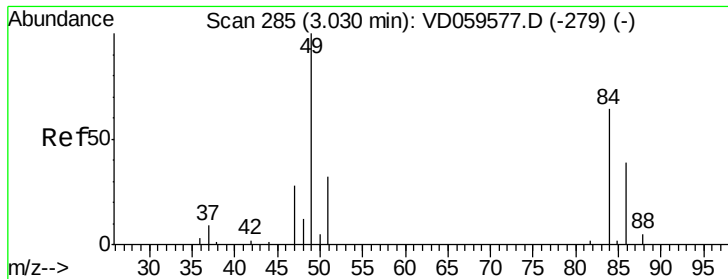
Tot Ion:168 Resp: 137938
Ion Ratio Lower Upper
168 100
99 67.4 47.3 70.9



#16
Acetone
Concen: 1.29 ug/l
RT: 2.59 min Scan# 241
Delta R.T. 0.01 min
Lab File: VD059637.D
Acq: 31 Jul 2018 00:03

Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
58 0.0 13.4 20.0#





#20

Methylene Chloride

Concen: 4.93 uq/l

RT: 3.05 min Scan# 288

Delta R.T. 0.02 min

Lab File: VD059637.D

Acq: 31 Jul 2018 00:03

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-001-B

Tot Ion: 84 Resp: 3683

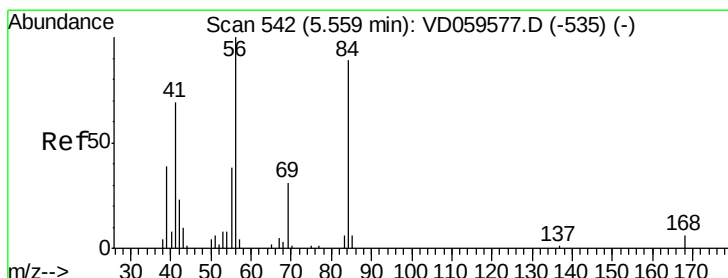
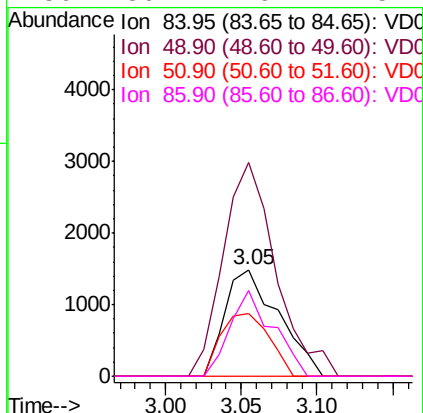
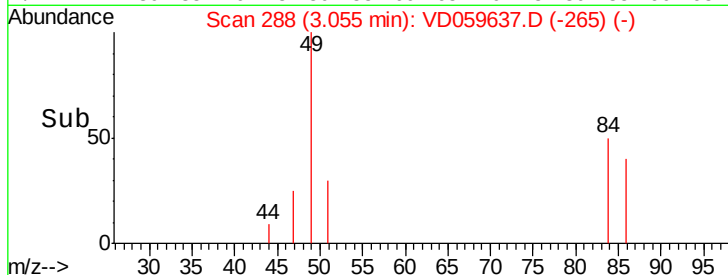
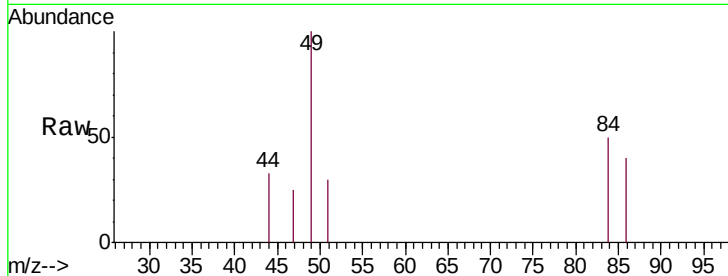
Ion Ratio Lower Upper

84 100

49 199.9 125.4 188.2#

51 59.1 39.7 59.5

86 80.1 49.1 73.7#



#31

Cyclohexane

Concen: Below Cal

RT: 5.62 min Scan# 549

Delta R.T. 0.06 min

Lab File: VD059637.D

Acq: 31 Jul 2018 00:03

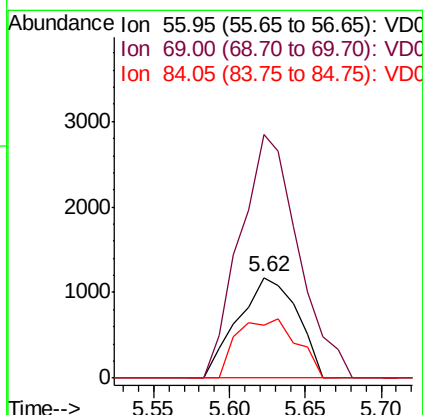
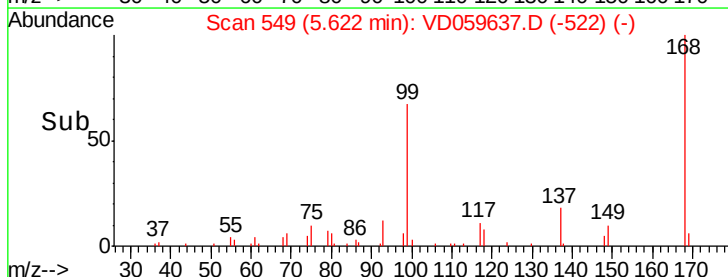
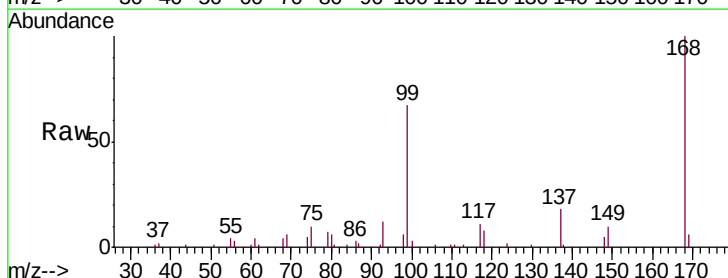
Tgt Ion: 56 Resp: 3210

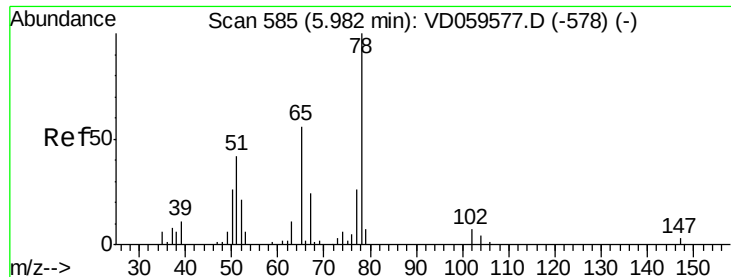
Ion Ratio Lower Upper

56 100

69 242.3 24.6 37.0#

84 52.8 72.7 109.1#

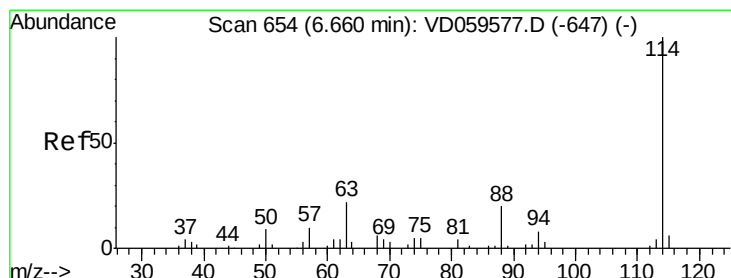
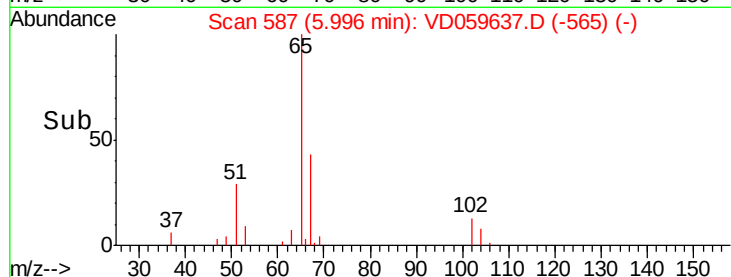
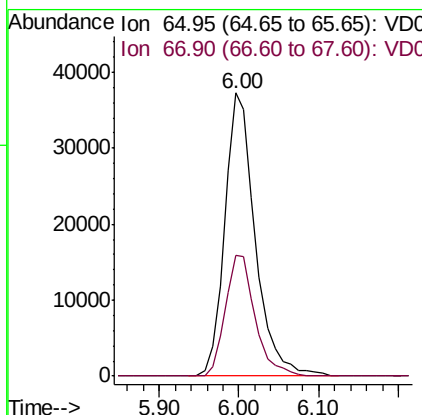
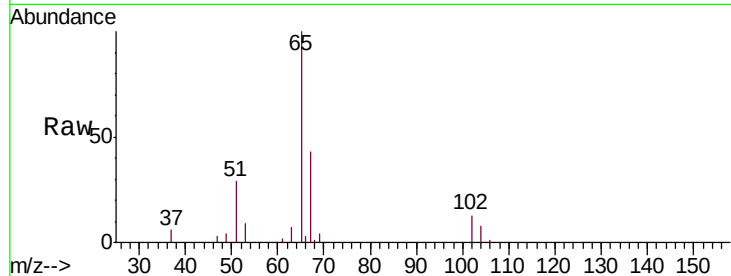




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. 0.01 min
 Lab File: VD059637.D
 Acq: 31 Jul 2018 00:03

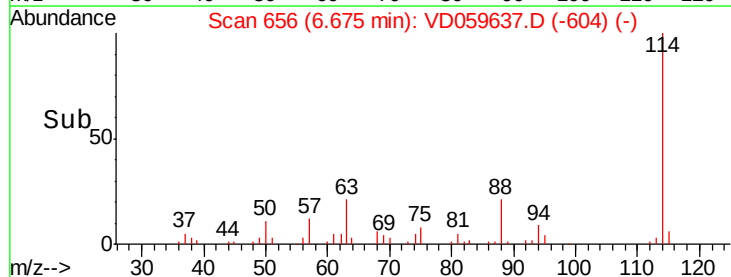
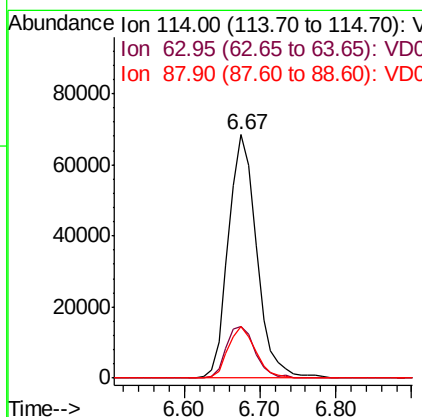
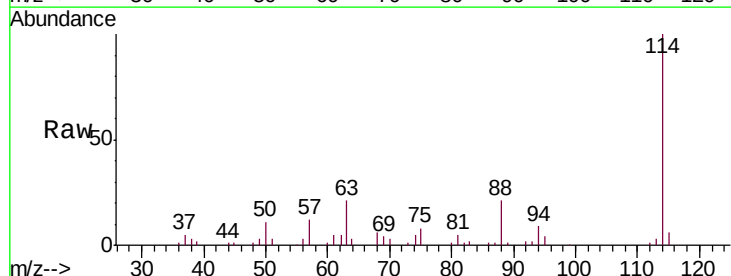
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-001-B

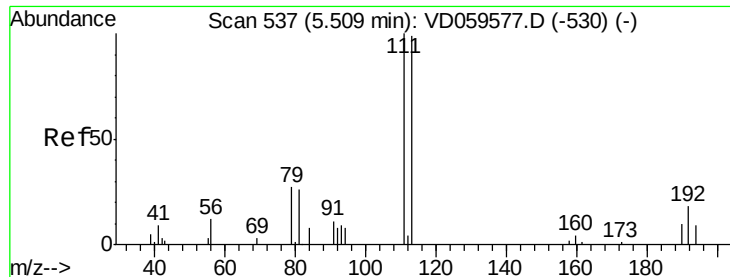
Tot Ion: 65 Resp: 99246
 Ion Ratio Lower Upper
 65 100
 67 42.9 0.0 86.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: VD059637.D
 Acq: 31 Jul 2018 00:03

Tgt Ion: 114 Resp: 176592
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.8
 88 21.2 0.0 39.0

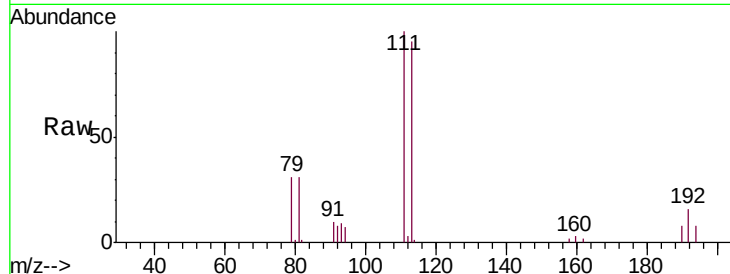




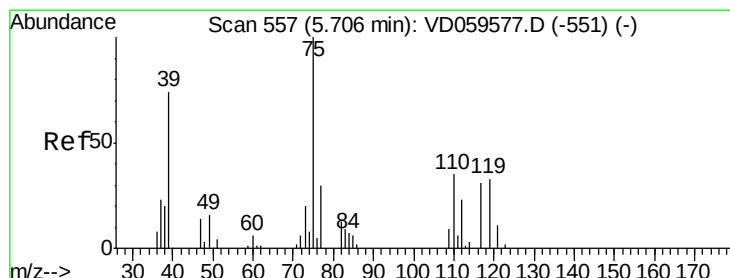
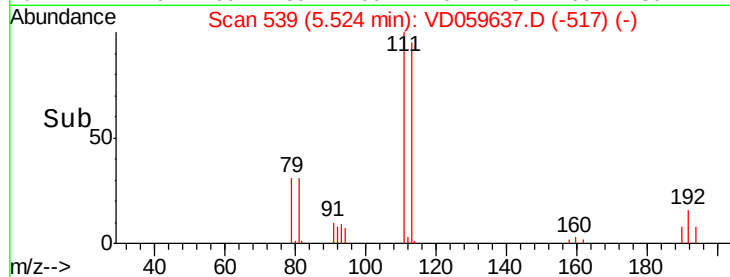
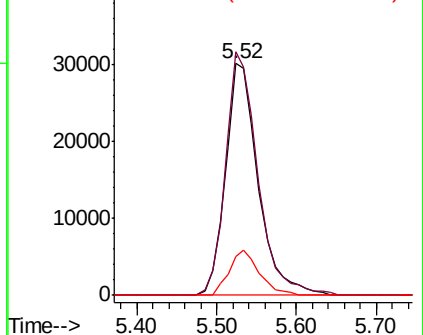
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VD059637.D
 Acq: 31 Jul 2018 00:03

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-001-B

Tot Ion:113 Resp: 86416
 Ion Ratio Lower Upper
 113 100
 111 105.0 80.5 120.7
 192 16.5 14.5 21.7

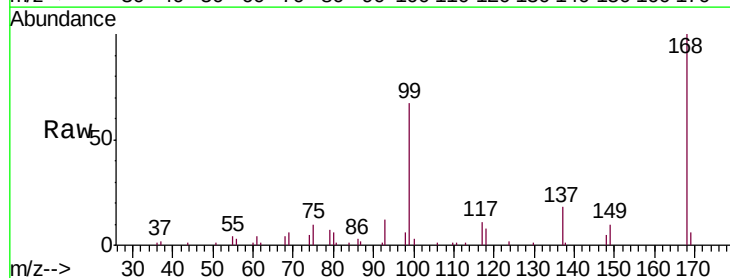


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

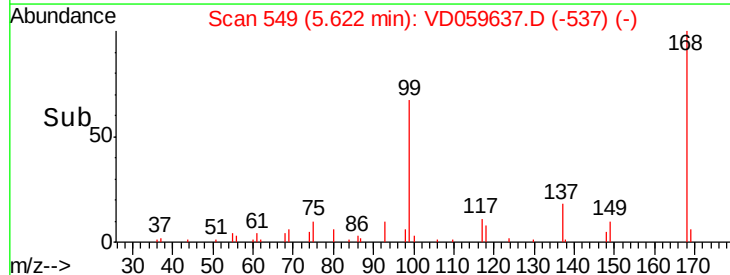
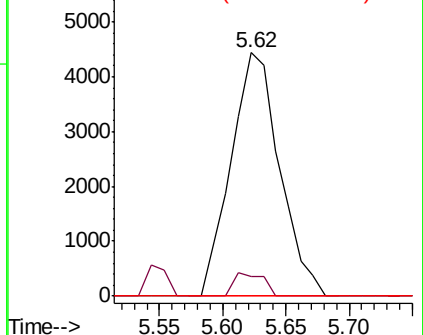


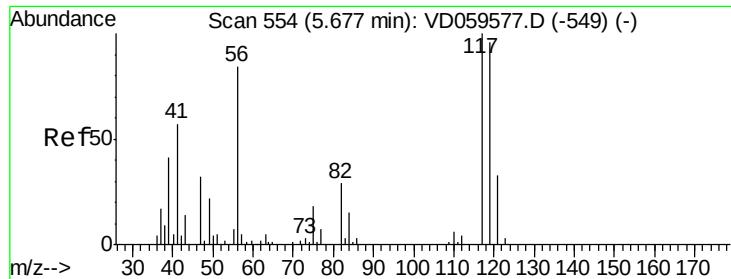
#36
 1,1-Dichloropropene
 Concen: 6.70 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.08 min
 Lab File: VD059637.D
 Acq: 31 Jul 2018 00:03

Tgt Ion: 75 Resp: 11870
 Ion Ratio Lower Upper
 75 100
 110 7.9 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: 5.87 ug/l

RT: 5.62 min Scan# 549

Delta R.T. -0.05 min

Lab File: VD059637.D

Acq: 31 Jul 2018 00:03

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-001-B

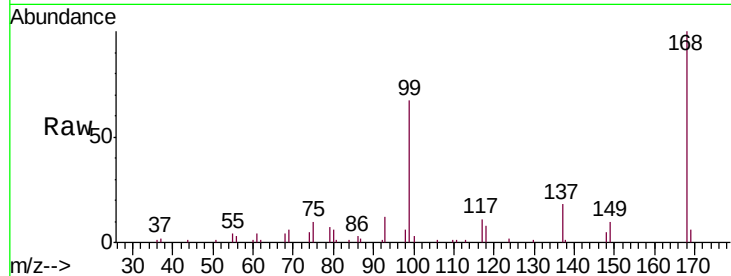
Tot Ion:117 Resp: 14255

Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

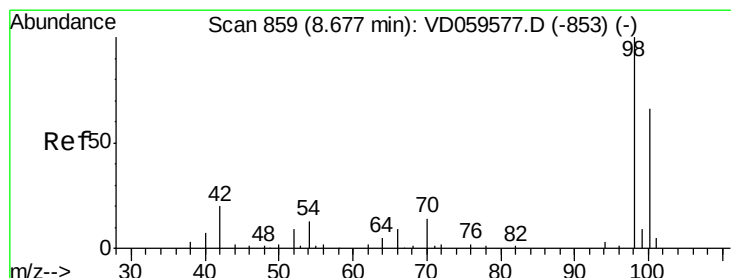
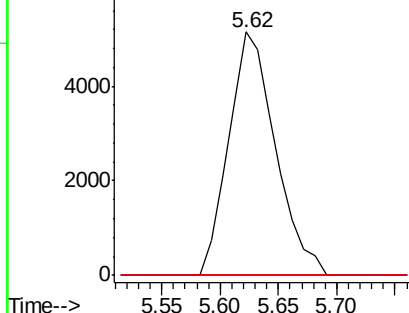
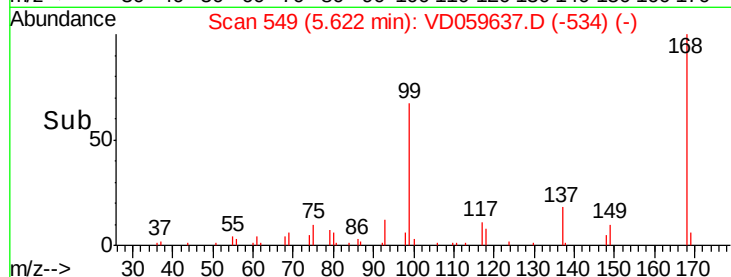
121 0.0 25.0 37.6#



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. 0.01 min

Lab File: VD059637.D

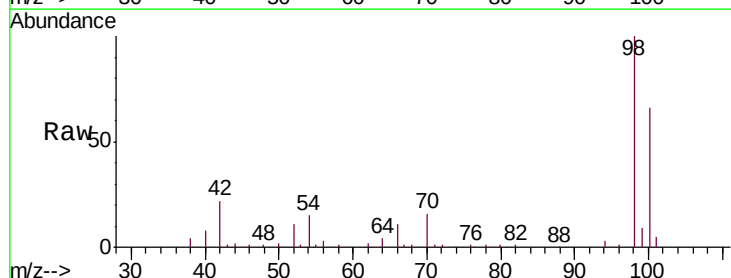
Acq: 31 Jul 2018 00:03

Tgt Ion: 98 Resp: 169814

Ion Ratio Lower Upper

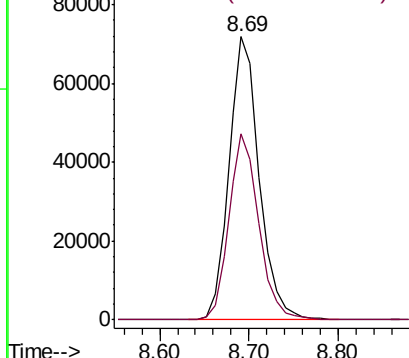
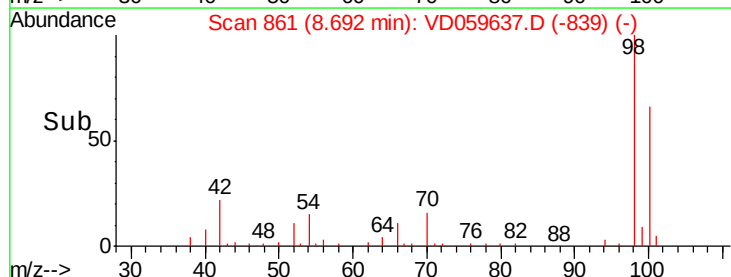
98 100

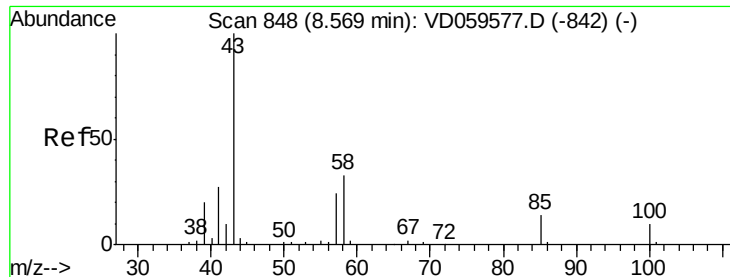
100 65.8 53.2 79.8



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: 1.04 ug/l

RT: 8.69 min Scan# 861

Delta R.T. 0.12 min

Lab File: VD059637.D

Acq: 31 Jul 2018 00:03

Instrument :

MSVOA_D

ClientSampleId :

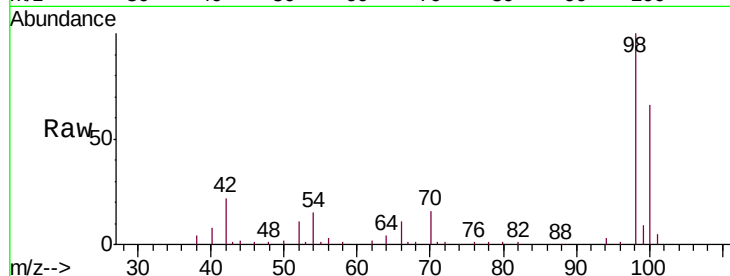
FK-BPM-03-001-B

Tot Ion: 43 Resp: 876

Ion Ratio Lower Upper

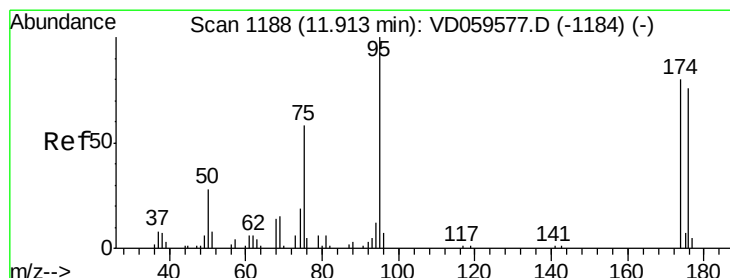
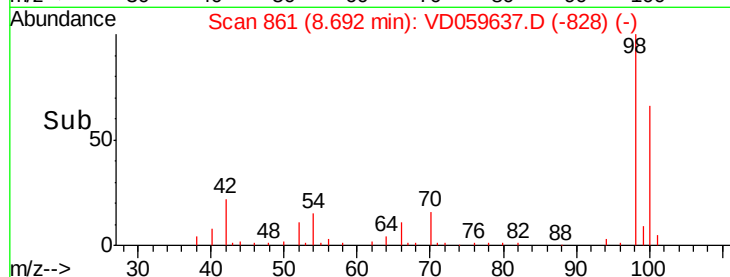
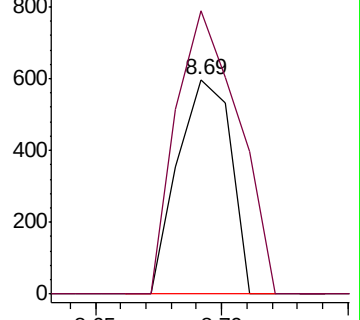
43 100

58 132.0 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: 11.92 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD059637.D

Acq: 31 Jul 2018 00:03

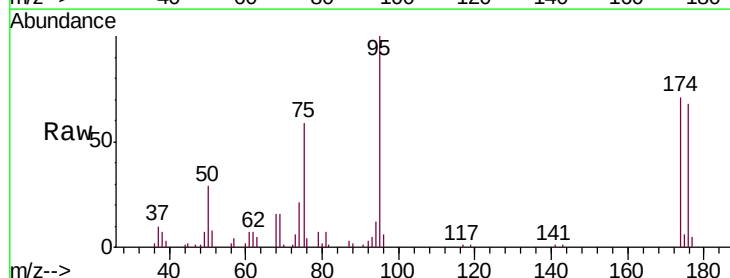
Tgt Ion: 95 Resp: 75601

Ion Ratio Lower Upper

95 100

174 70.8 0.0 160.6

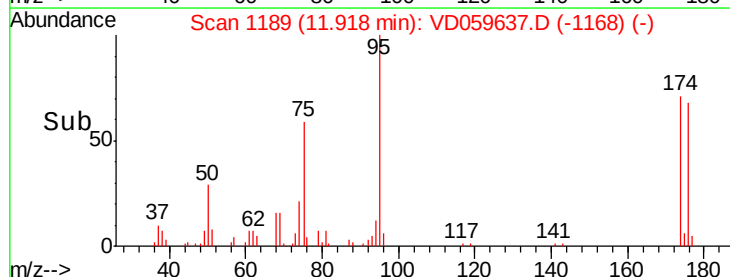
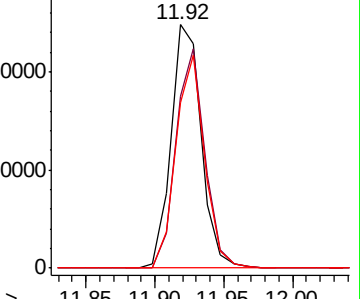
176 67.7 0.0 152.8

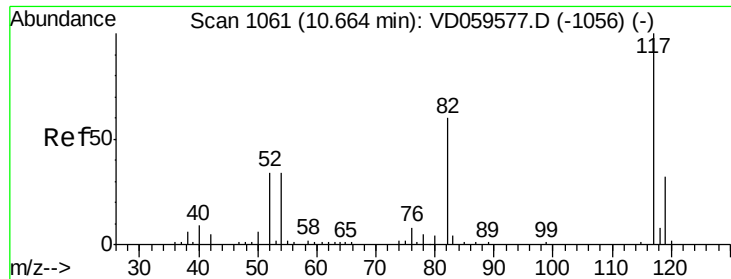


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

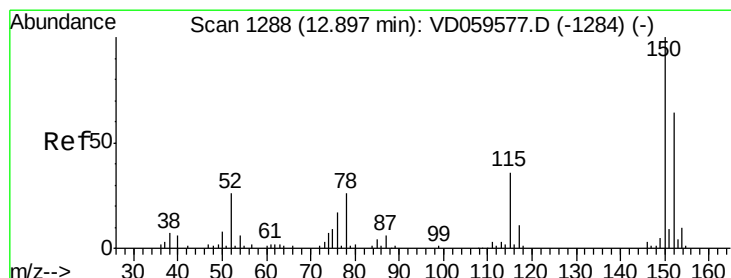
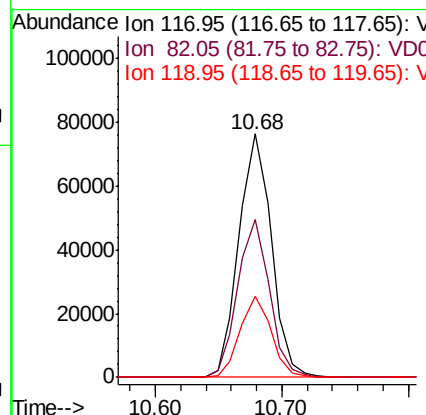
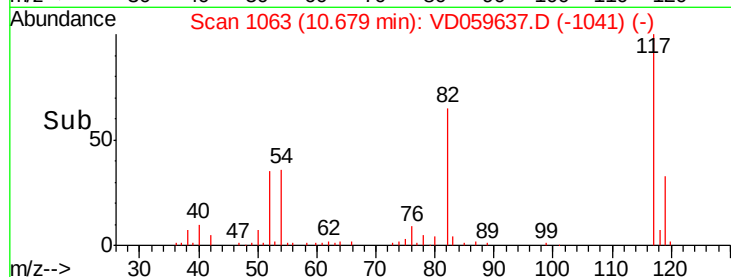
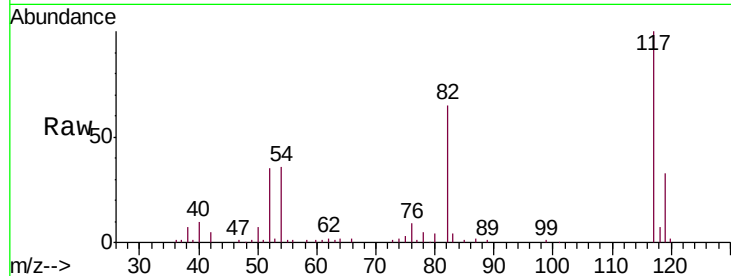




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD059637.D
Acq: 31 Jul 2018 00:03

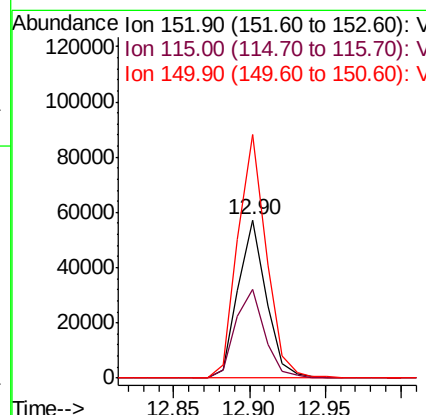
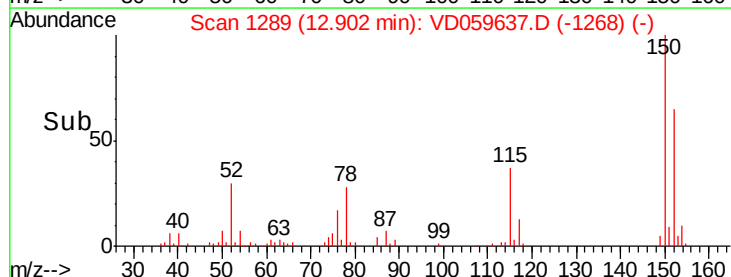
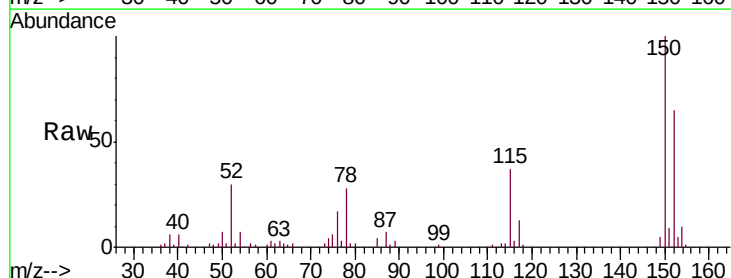
Instrument :
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FK-BPM-03-001-B

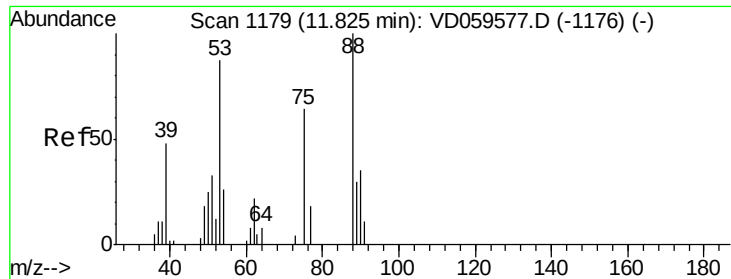
Tot Ion:117 Resp: 136488
Ion Ratio Lower Upper
117 100
82 64.7 48.2 72.2
119 33.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059637.D
Acq: 31 Jul 2018 00:03

Tgt Ion:152 Resp: 73908
Ion Ratio Lower Upper
152 100
115 56.5 29.5 88.6
150 154.2 0.0 314.4





#81

trans-1,4-Dichloro-2-butene

Concen: 135.27 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059637.D

Acq: 31 Jul 2018 00:03

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-001-B

Tot Ion: 75 Resp: 42271

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#

