

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122018\
 Data File : VD060673.D
 Acq On : 20 Dec 2018 22:08
 Operator : VA/AP
 Sample : J6481-01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VB-1

Quant Time: Dec 21 03:41:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 Response via : Initial Calibration

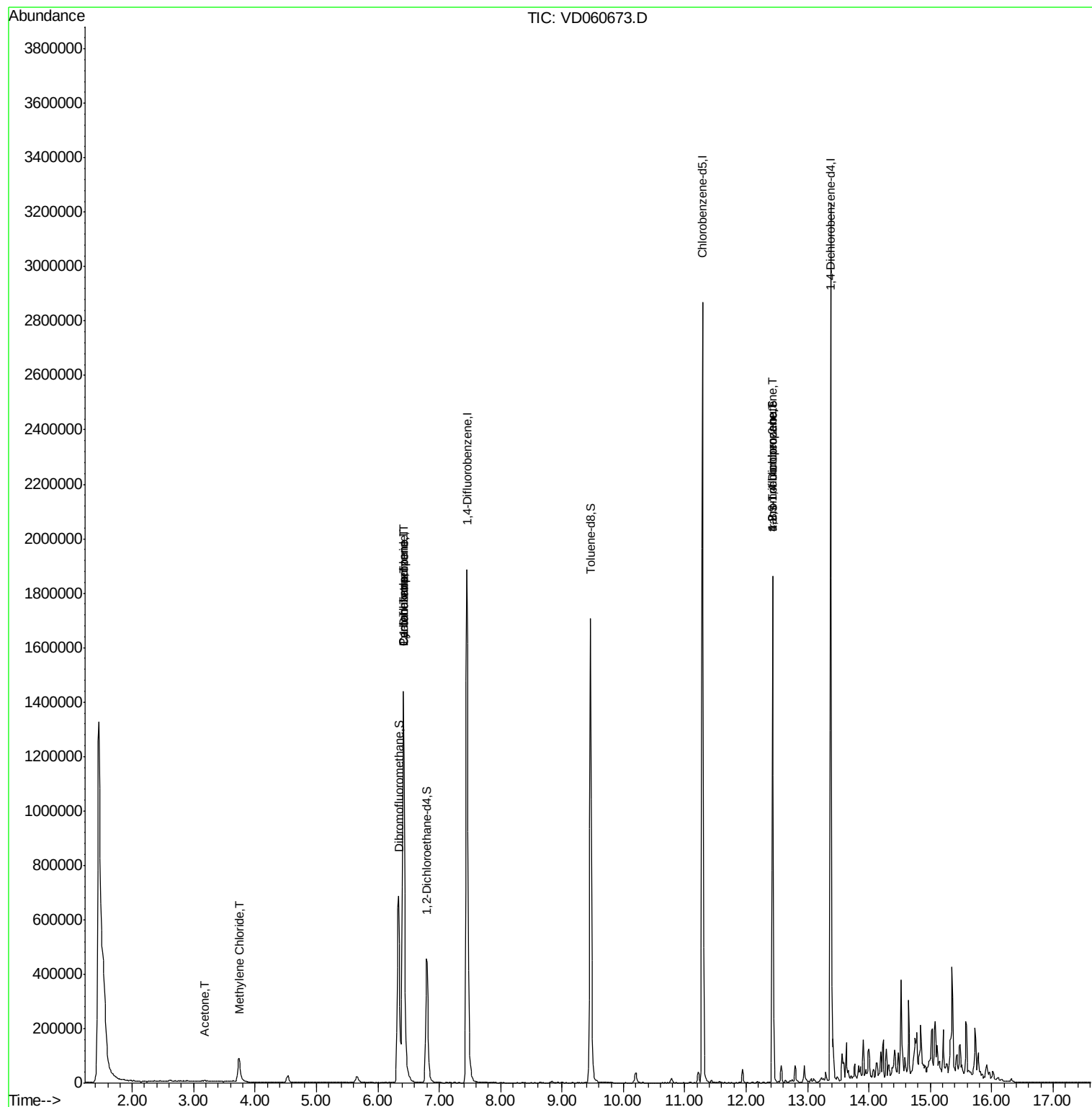
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1422977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2012218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1539361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	718494	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	398324	40.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.02%	
35) Dibromofluoromethane	6.34	113	552192	37.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.98%	
50) Toluene-d8	9.47	98	1393999	31.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.44%	
62) 4-Bromofluorobenzene	12.43	95	489442	31.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.60%	
Target Compounds						
					Qvalue	
16) Acetone	3.17	43	3266	1.902	ug/l #	53
20) Methylene Chloride	3.74	84	58623	3.287	ug/l	93
31) Cyclohexane	6.42	56	27039	1.089	ug/l #	1
36) 1,1-Dichloropropene	6.42	75	105411	5.087	ug/l #	46
38) Carbon Tetrachloride	6.42	117	108019	5.909	ug/l #	16
76) 1,2,3-Trichloropropane	12.43	75	148920	18.205	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.43	75	199658	88.332	ug/l #	13

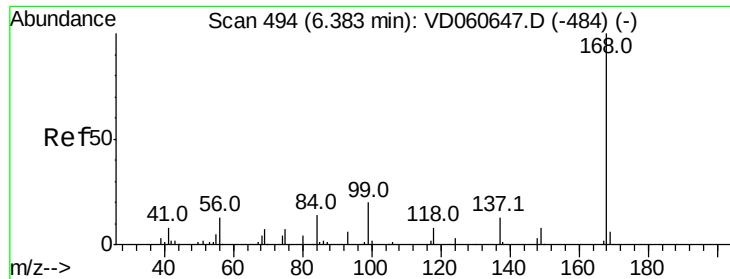
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 21 03:41:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 528

Delta R.T. 0.01 min

Lab File: VD060673.D

Acq: 20 Dec 2018 22:08

Instrument :

MSVOA_D

ClientSampleId :

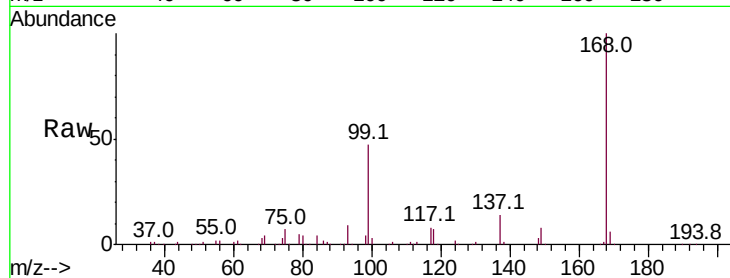
VB-1

Tot Ion:168 Resp: 1422977

Ion Ratio Lower Upper

168 100

99 46.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

500000

400000

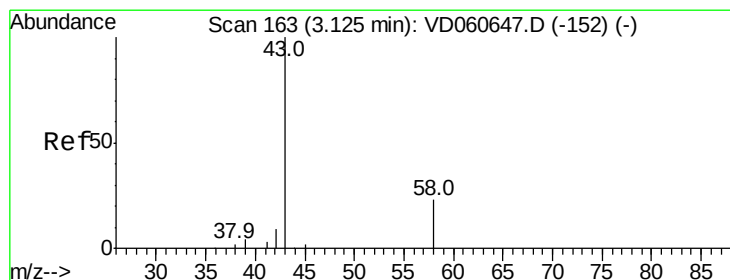
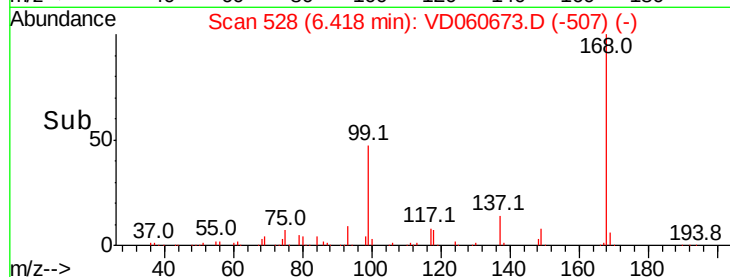
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 1.902 ug/l

RT: 3.17 min Scan# 198

Delta R.T. 0.00 min

Lab File: VD060673.D

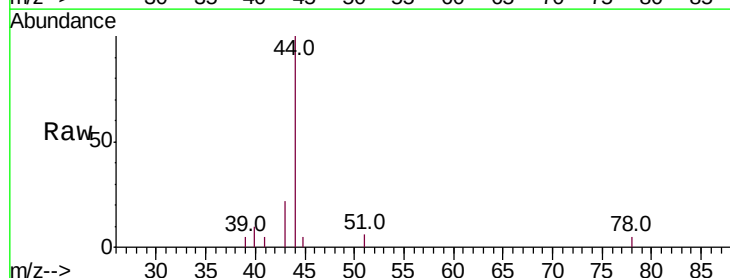
Acq: 20 Dec 2018 22:08

Tgt Ion: 43 Resp: 3266

Ion Ratio Lower Upper

43 100

58 0.0 18.2 27.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

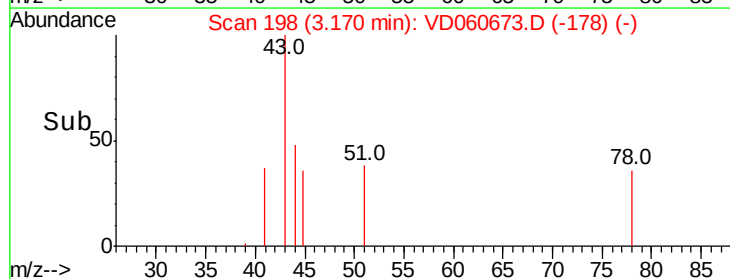
1500

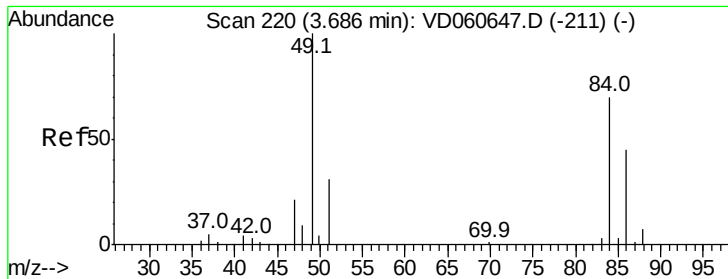
1000

500

0

Time-->

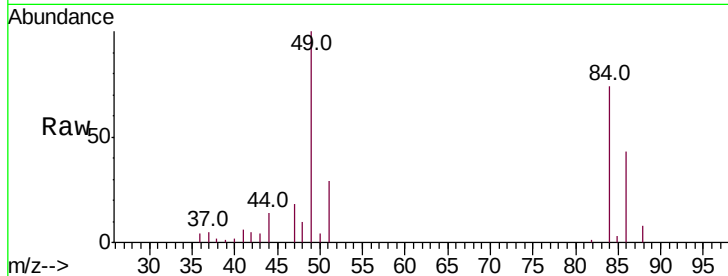




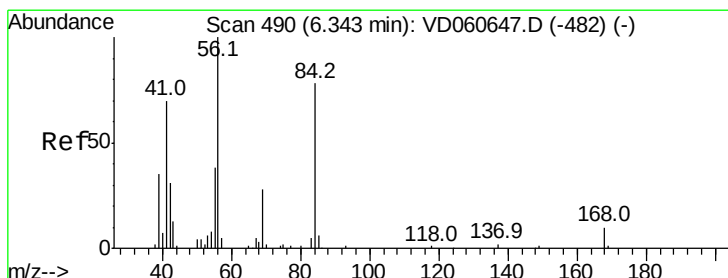
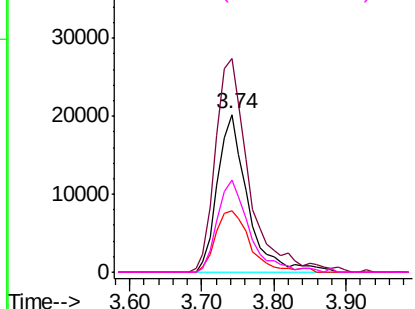
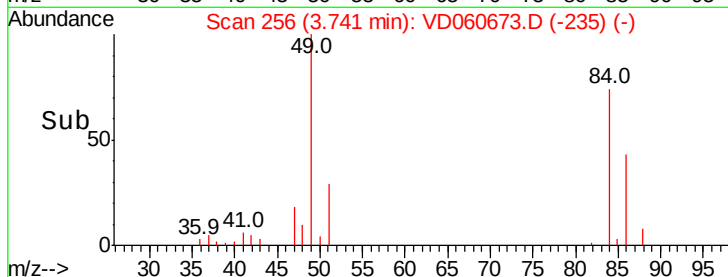
#20
Methvlene Chloride
Concen: 3.287 ug/l
RT: 3.74 min Scan# 256
Delta R.T. 0.01 min
Lab File: VD060673.D
Acq: 20 Dec 2018 22:08

Instrument :
MSVOA_D
ClientSampleId :
VB-1

Tot Ion:	84	Resp:	58623
Ion	Ratio	Lower	Upper
84	100		
49	135.3	113.6	170.4
51	39.0	34.7	52.1
86	58.5	52.8	79.2

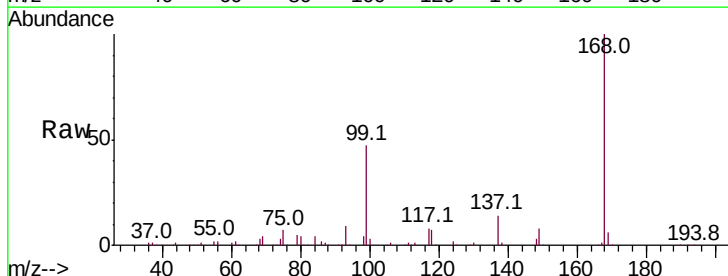


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

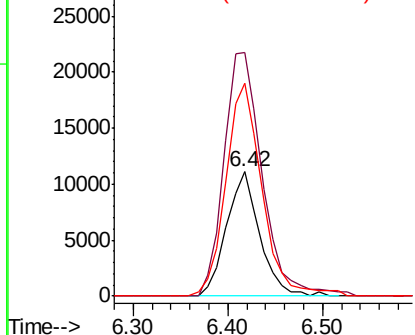
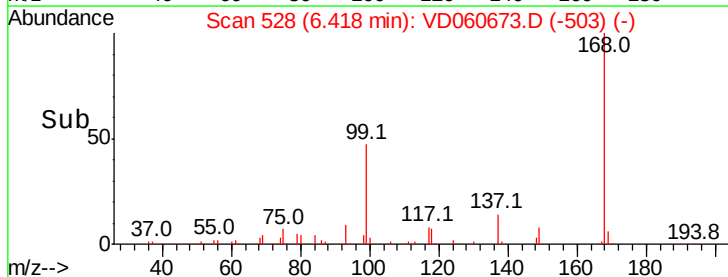


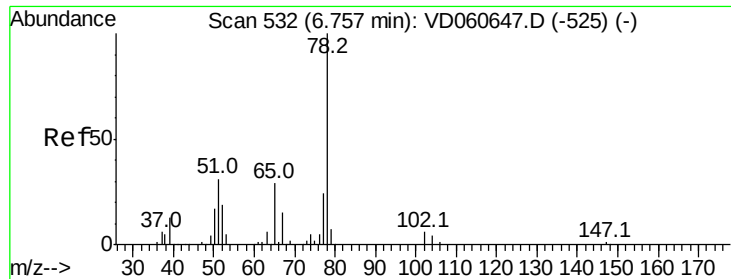
#31
Cyclohexane
Concen: 1.089 ug/l
RT: 6.42 min Scan# 528
Delta R.T. 0.05 min
Lab File: VD060673.D
Acq: 20 Dec 2018 22:08

Tgt Ion:	56	Resp:	27039
Ion	Ratio	Lower	Upper
56	100		
69	195.9	23.6	35.4#
84	171.5	65.8	98.6#



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

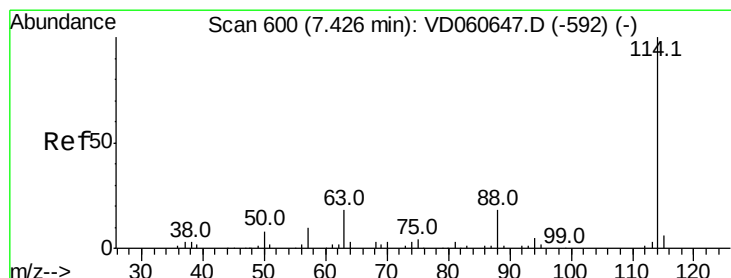
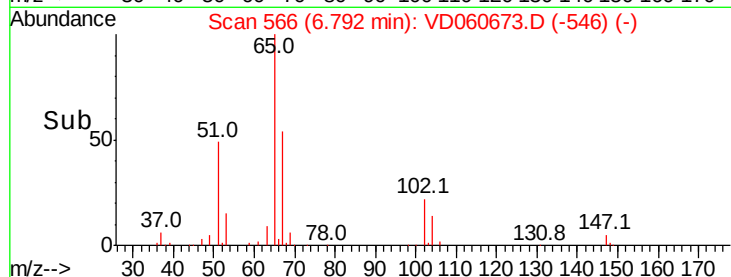
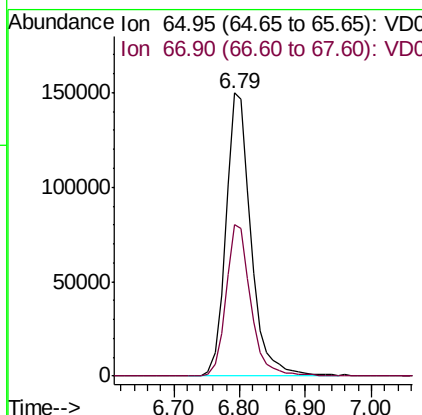
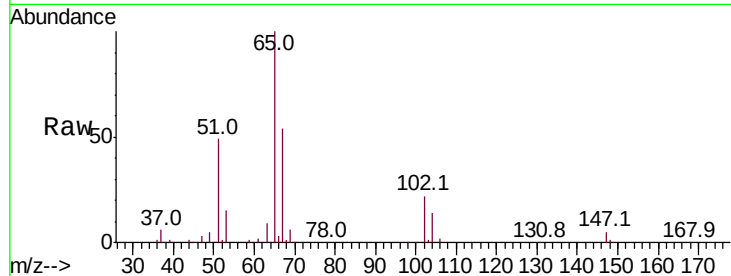




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VD060673.D
 Acq: 20 Dec 2018 22:08

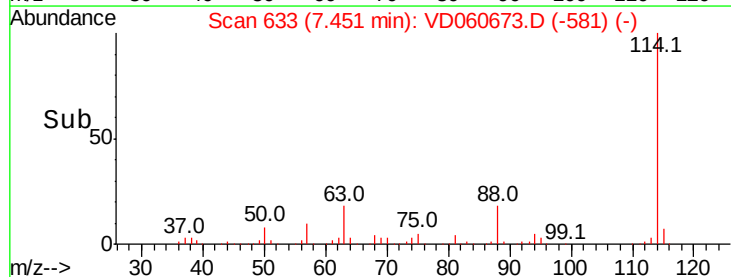
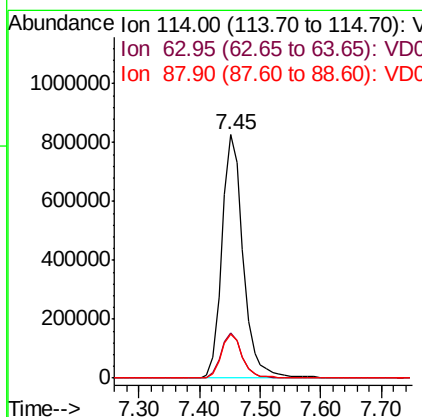
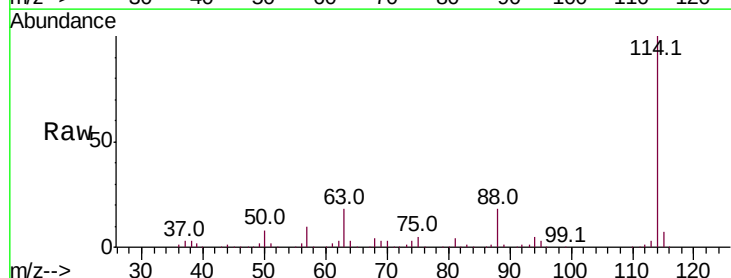
Instrument :
 MSVOA_D
 ClientSampleID :
 VB-1

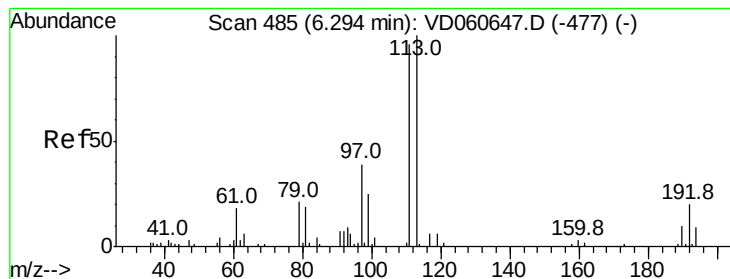
Tot Ion: 65 Resp: 398324
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: VD060673.D
 Acq: 20 Dec 2018 22:08

Tgt Ion: 114 Resp: 2012218
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 18.2 0.0 37.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.34 min Scan# 520

Delta R.T. 0.01 min

Lab File: VD060673.D

Acq: 20 Dec 2018 22:08

Instrument :

MSVOA_D

ClientSampleId :

VB-1

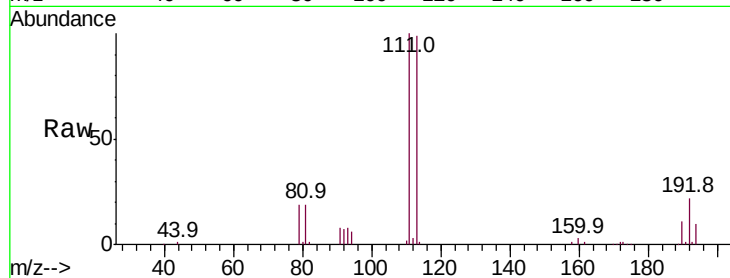
Tot Ion:113 Resp: 552192

Ion Ratio Lower Upper

113 100

111 101.1 80.0 120.0

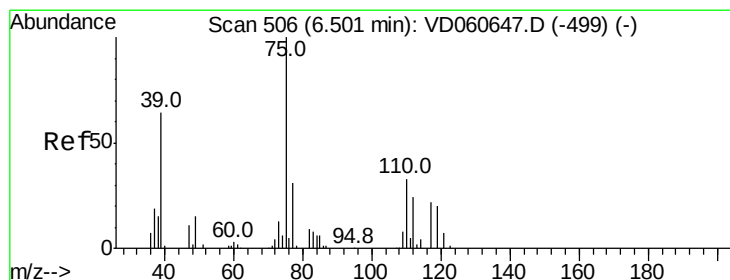
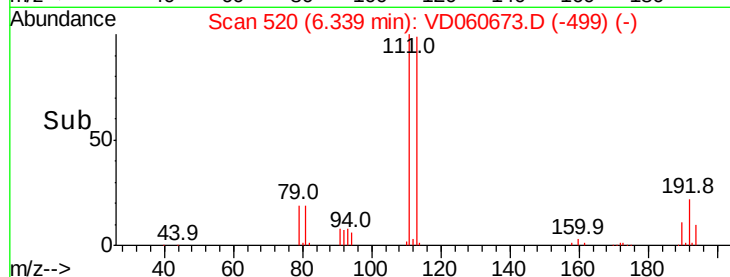
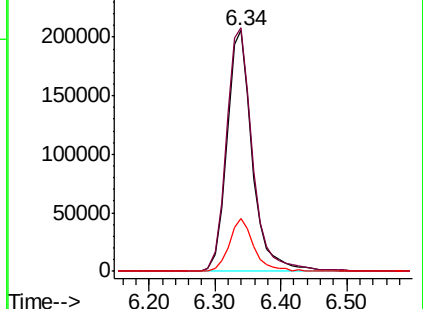
192 22.2 16.6 25.0



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: 5.087 ug/l

RT: 6.42 min Scan# 528

Delta R.T. -0.11 min

Lab File: VD060673.D

Acq: 20 Dec 2018 22:08

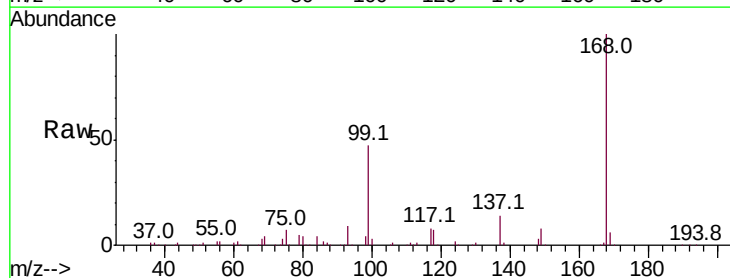
Tgt Ion: 75 Resp: 105411

Ion Ratio Lower Upper

75 100

110 6.7 18.9 56.7#

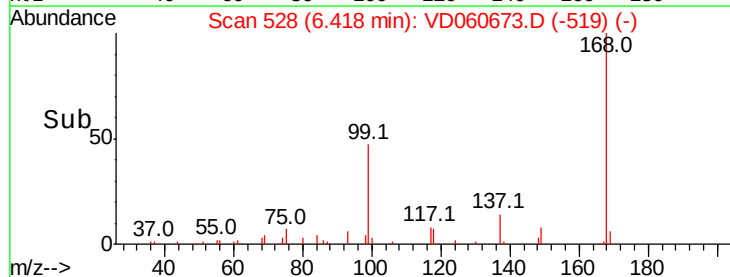
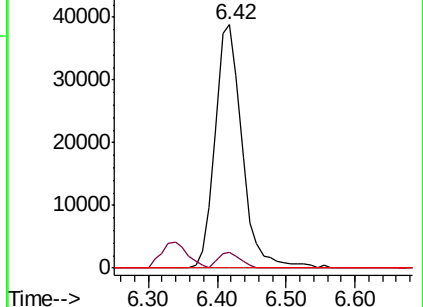
77 0.0 25.4 38.0#

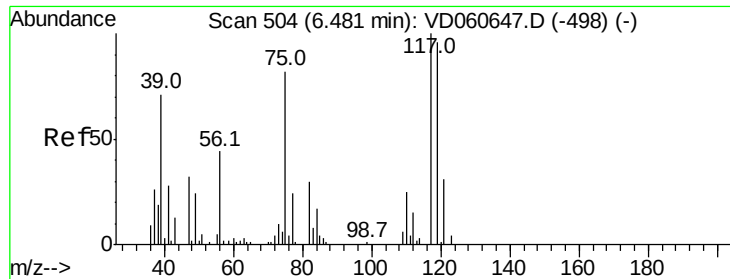


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 5.909 ug/l

RT: 6.42 min Scan# 528

Delta R.T. -0.08 min

Lab File: VD060673.D

Acq: 20 Dec 2018 22:08

Instrument :

MSVOA_D

ClientSampled :

VB-1

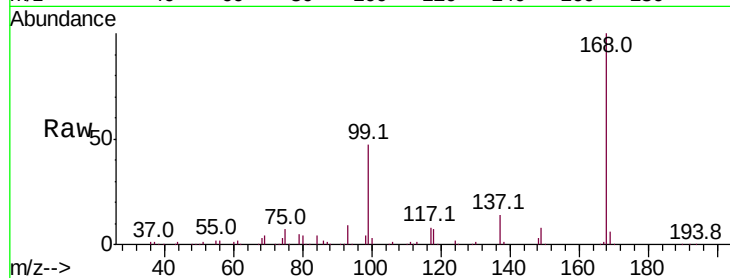
Tot Ion:117 Resp: 108019

Ion Ratio Lower Upper

117 100

119 5.6 77.0 115.4#

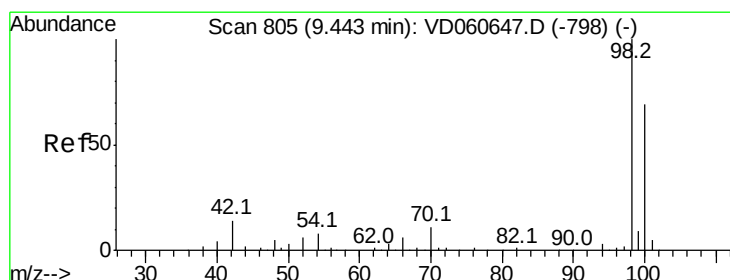
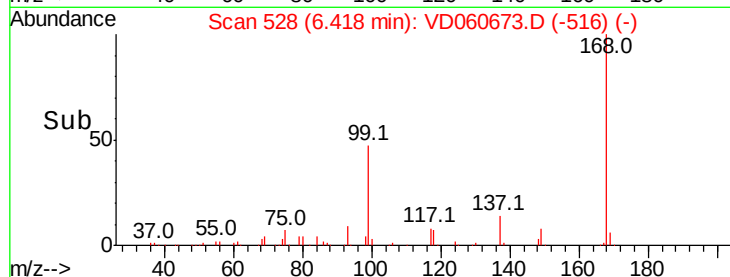
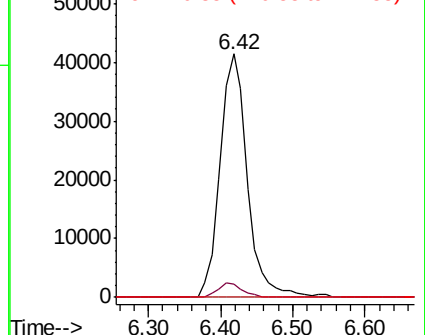
121 0.0 24.7 37.1#



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: 9.47 min Scan# 838

Delta R.T. 0.01 min

Lab File: VD060673.D

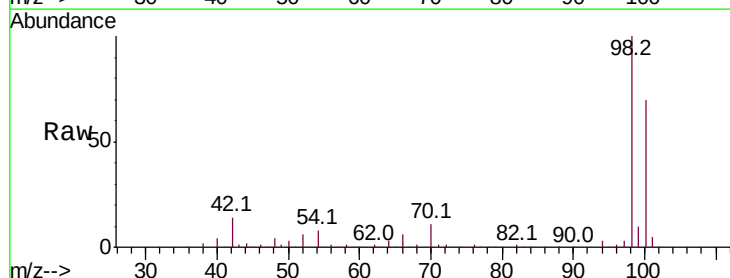
Acq: 20 Dec 2018 22:08

Tgt Ion: 98 Resp: 1393999

Ion Ratio Lower Upper

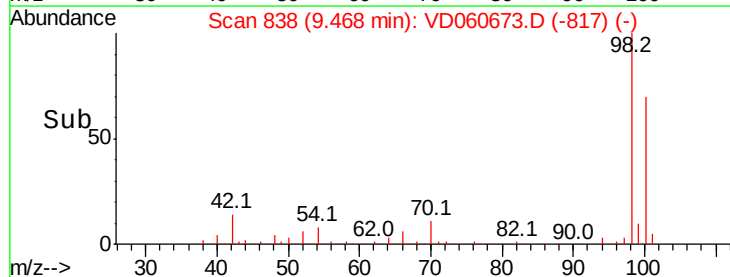
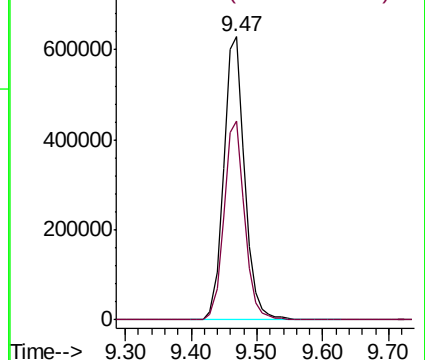
98 100

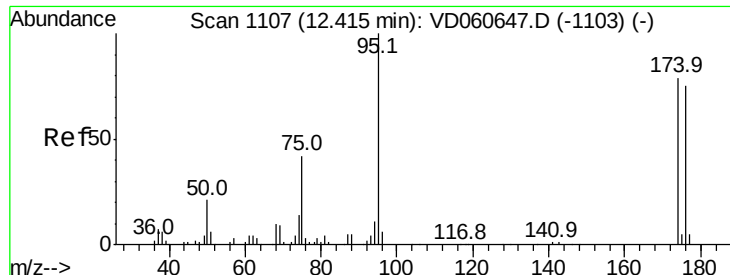
100 70.3 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

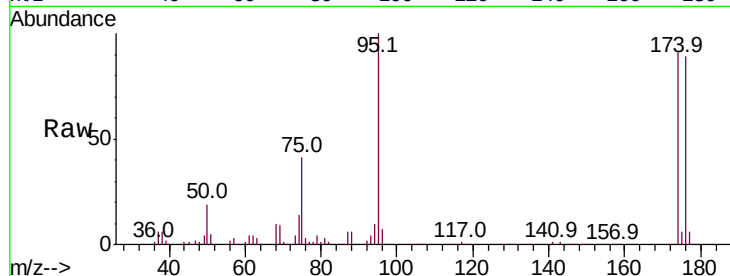




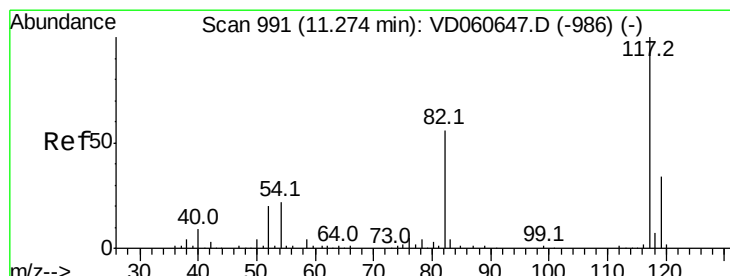
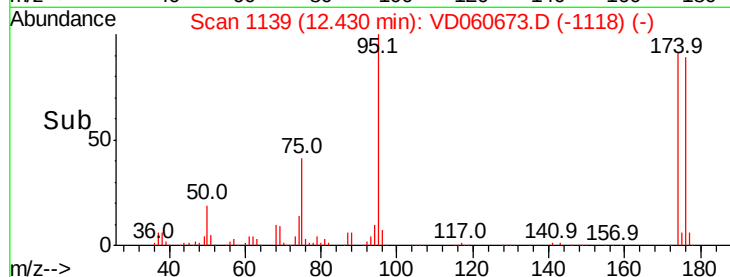
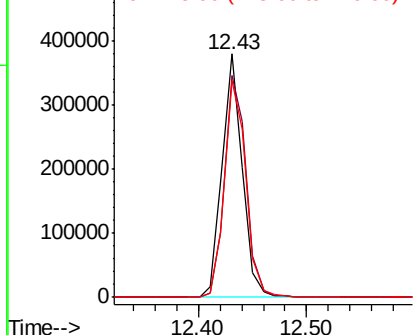
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VD060673.D
Acq: 20 Dec 2018 22:08

Instrument :
MSVOA_D
ClientSampleId :
VB-1

Tot Ion: 95 Resp: 489442
Ion Ratio Lower Upper
95 100
174 91.3 0.0 158.2
176 89.3 0.0 152.4

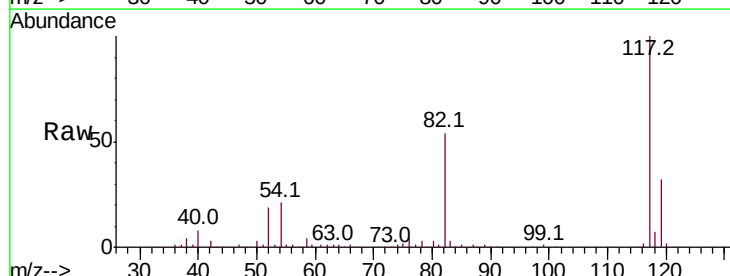


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

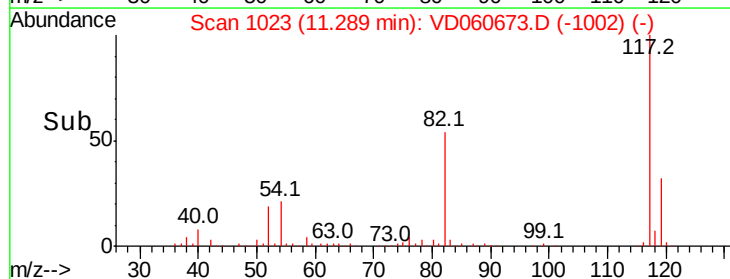
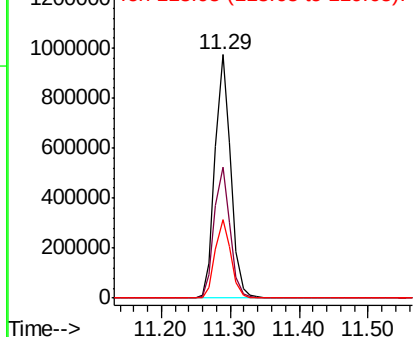


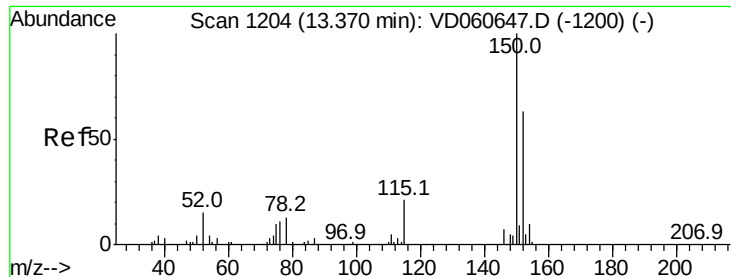
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 1023
Delta R.T. 0.01 min
Lab File: VD060673.D
Acq: 20 Dec 2018 22:08

Tgt Ion: 117 Resp: 1539361
Ion Ratio Lower Upper
117 100
82 53.7 44.5 66.7
119 32.3 26.3 39.5



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: 13.38 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VD060673.D

Acq: 20 Dec 2018 22:08

Instrument :

MSVOA_D

ClientSampled :

VB-1

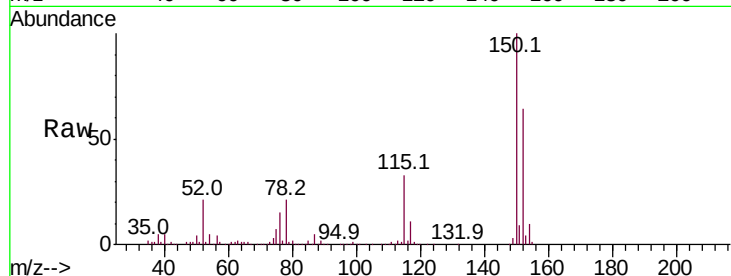
Tot Ion:152 Resp: 718494

Ion Ratio Lower Upper

152 100

115 51.9 24.1 72.3

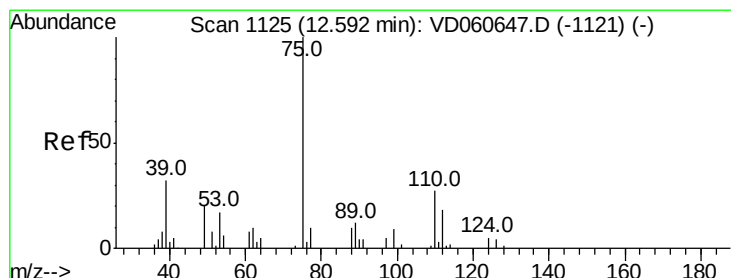
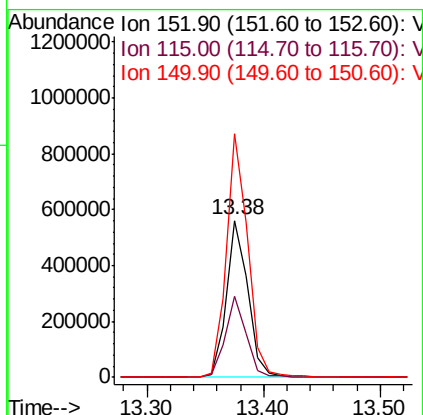
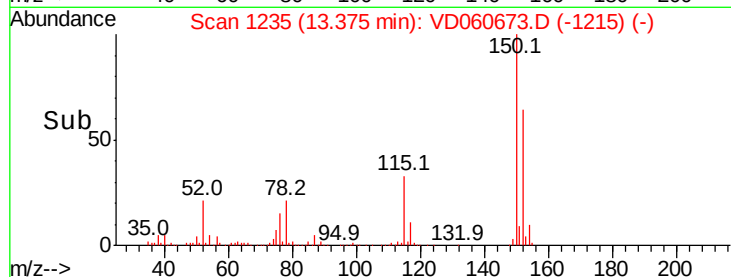
150 155.3 0.0 315.0



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



#76

1,2,3-Trichloropropane

Concen: 18.205 ug/l

RT: 12.43 min Scan# 1139

Delta R.T. -0.17 min

Lab File: VD060673.D

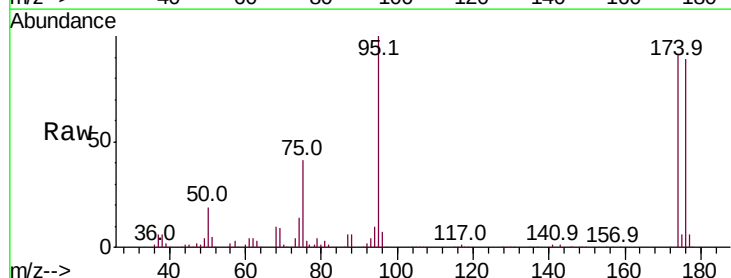
Acq: 20 Dec 2018 22:08

Tgt Ion: 75 Resp: 148920

Ion Ratio Lower Upper

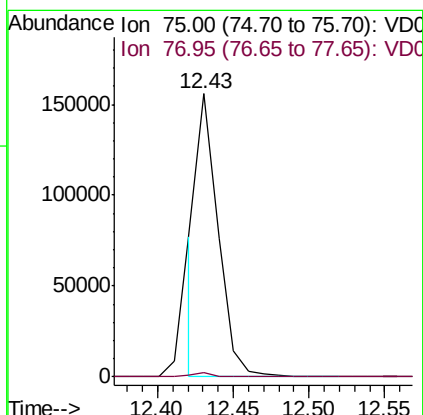
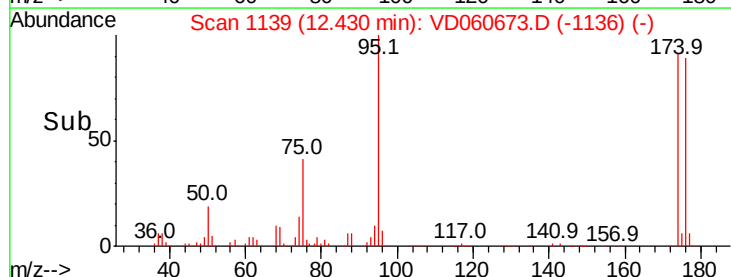
75 100

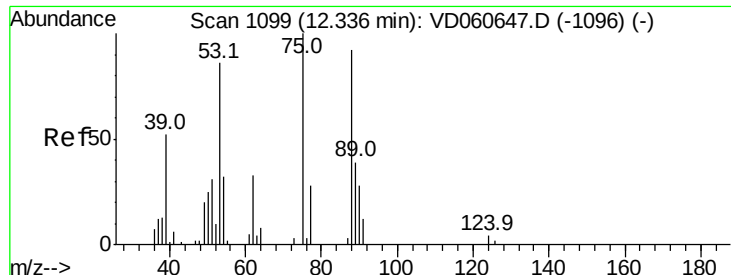
77 1.5 16.7 50.0#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 88.332 ug/l

RT: 12.43 min Scan# 1139

Delta R.T. 0.09 min

Lab File: VD060673.D

Acq: 20 Dec 2018 22:08

Instrument :

MSVOA_D

ClientSampleId :

VB-1

Tot Ion: 75 Resp: 199658

Ion Ratio Lower Upper

75 100

53 0.0 72.1 108.1#

89 0.0 35.1 52.7#

