

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060256.D
 Acq On : 31 Oct 2018 22:03
 Operator : VA/AP
 Sample : J5734-01
 Misc : 4.87g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-21(6-8)

Quant Time: Oct 31 23:56:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

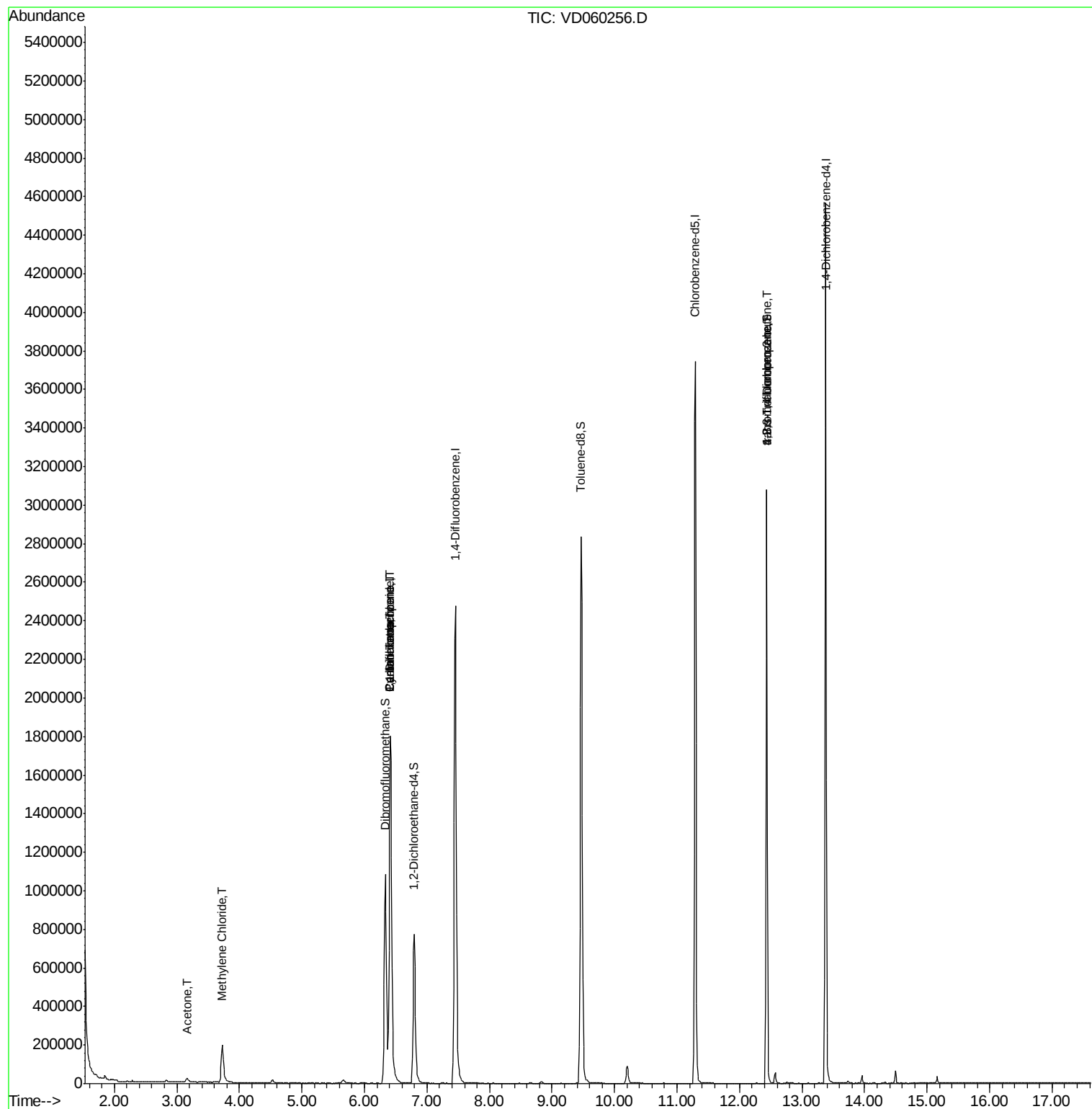
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1815165	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.46	114	2675589	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.29	117	2154391	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.38	152	1086277	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	654061	47.54	ug/l	0.04
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	6.33	113	848436	41.76	ug/l	0.04
Spiked Amount	50.000		Recovery	=	83.52%	
50) Toluene-d8	9.46	98	2308335	39.84	ug/l	0.03
Spiked Amount	50.000		Recovery	=	79.68%	
62) 4-Bromofluorobenzene	12.43	95	868208	40.02	ug/l	0.02
Spiked Amount	50.000		Recovery	=	80.04%	
Target Compounds						
					Qvalue	
16) Acetone	3.16	43	45537	18.239	ug/l	93
20) Methylene Chloride	3.73	84	124413	2.221	ug/l	97
31) Cyclohexane	6.41	56	33142	1.112	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	128664	5.032	ug/l #	46
38) Carbon Tetrachloride	6.41	117	142562	6.143	ug/l #	16
76) 1,2,3-Trichloropropane	12.43	75	353705	22.610	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.43	75	353920	80.515	ug/l #	13

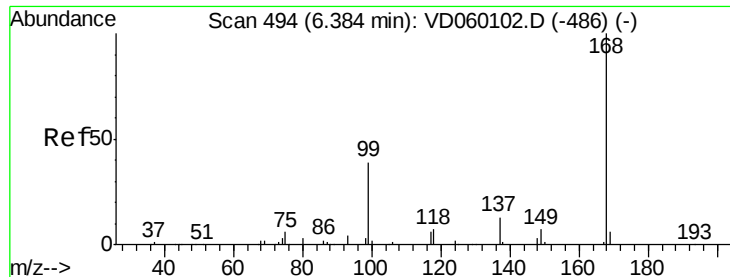
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103118\
Data File : VD060256.D
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B-21(6-8)

Quant Time: Oct 31 23:56:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060256.D

Acq: 31 Oct 2018 22:03

Instrument :

MSVOA_D

ClientSampleId :

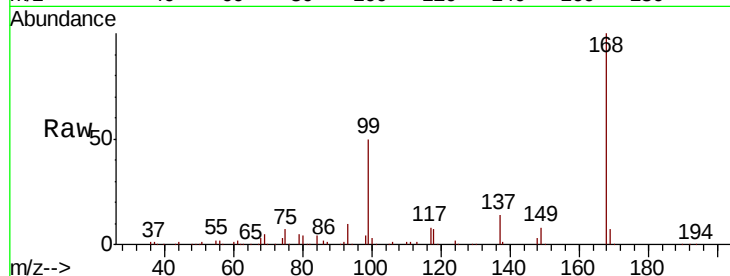
B-21(6-8)

Tot Ion:168 Resp: 1815165

Ion Ratio Lower Upper

168 100

99 50.0 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

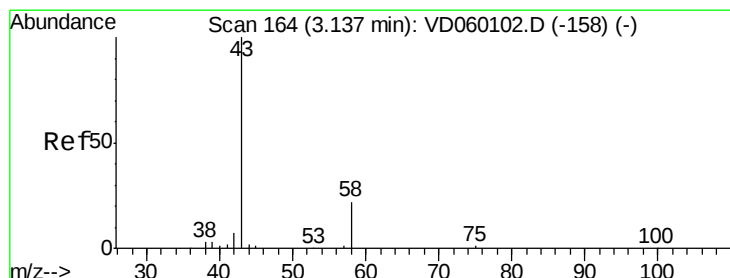
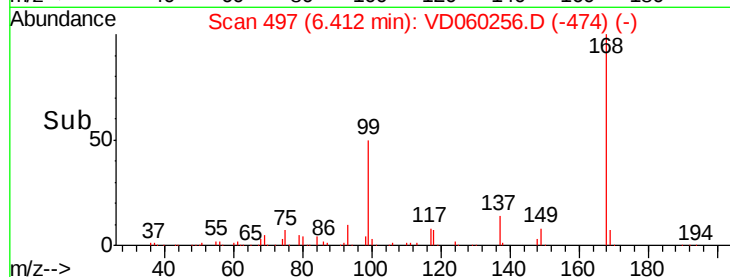
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 18.239 ug/l

RT: 3.16 min Scan# 167

Delta R.T. 0.03 min

Lab File: VD060256.D

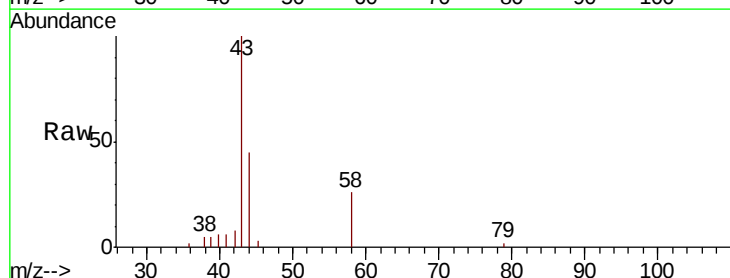
Acq: 31 Oct 2018 22:03

Tgt Ion: 43 Resp: 45537

Ion Ratio Lower Upper

43 100

58 25.5 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

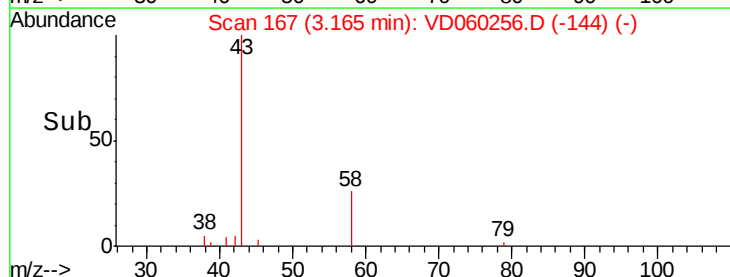
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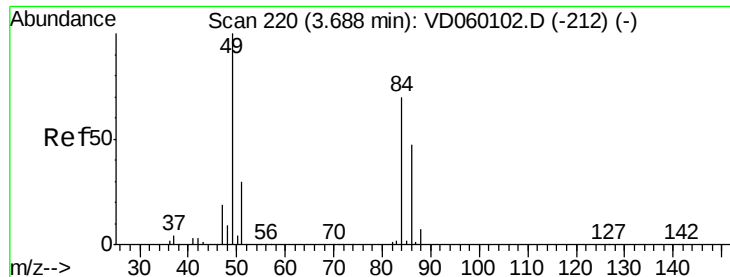
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5000

0

Time-->

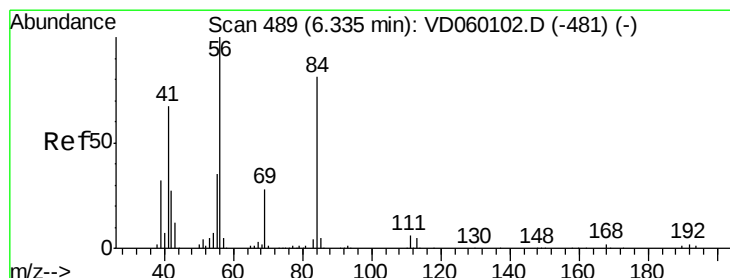
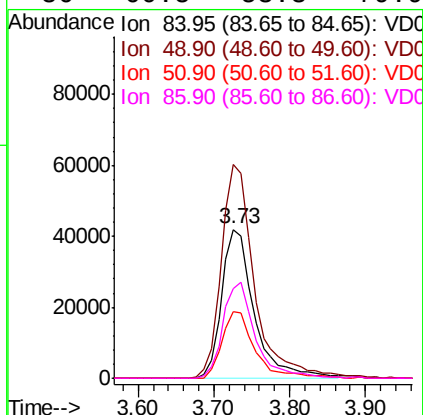
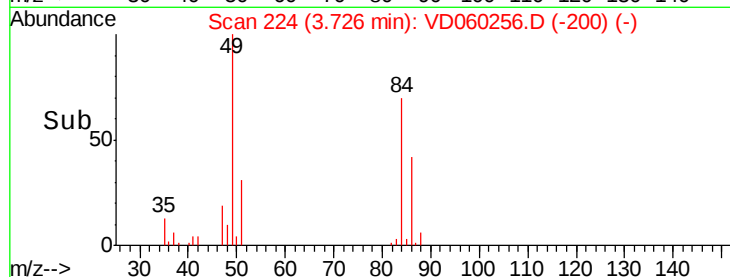
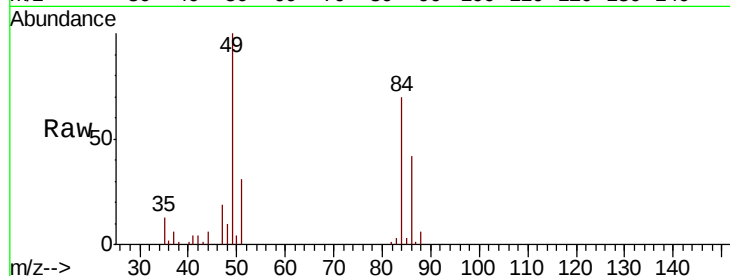




#20
Methylene Chloride
Concen: 2.221 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.04 min
Lab File: VD060256.D
Acq: 31 Oct 2018 22:03

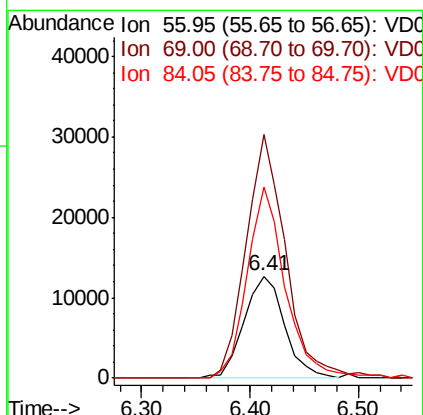
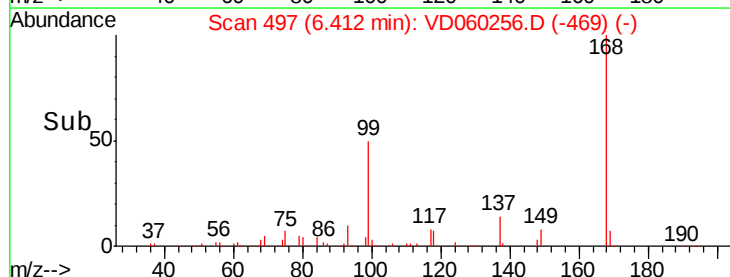
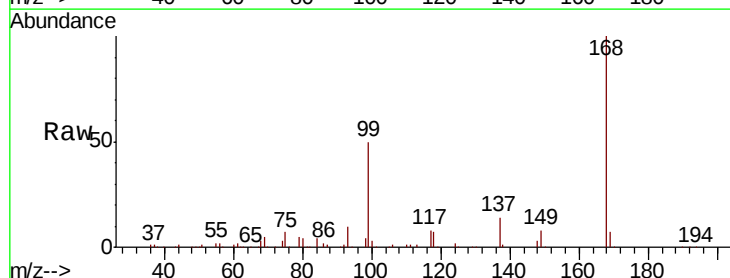
Instrument :
MSVOA_D
ClientSampleId :
B-21(6-8)

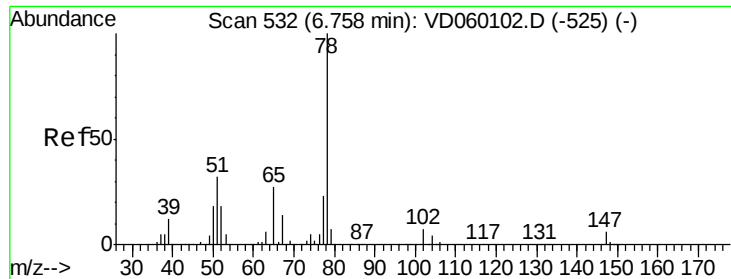
Tot Ion: 84 Resp: 124413
Ion Ratio Lower Upper
84 100
49 143.6 114.6 172.0
51 44.8 33.8 50.8
86 60.5 53.3 79.9



#31
Cyclohexane
Concen: 1.112 ug/l
RT: 6.41 min Scan# 497
Delta R.T. 0.08 min
Lab File: VD060256.D
Acq: 31 Oct 2018 22:03

Tgt Ion: 56 Resp: 33142
Ion Ratio Lower Upper
56 100
69 239.5 22.8 34.2#
84 188.3 64.9 97.3#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. 0.04 min

Lab File: VD060256.D

Acq: 31 Oct 2018 22:03

Instrument :

MSVOA_D

ClientSampleId :

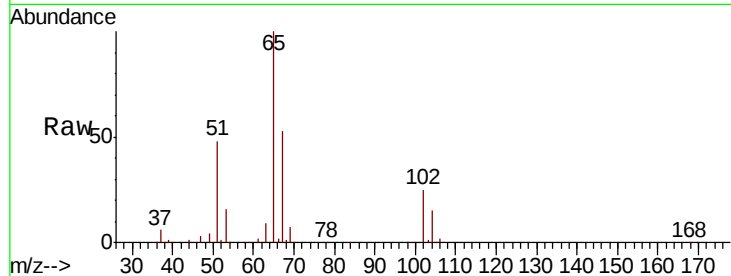
B-21(6-8)

Tot Ion: 65 Resp: 654061

Ion Ratio Lower Upper

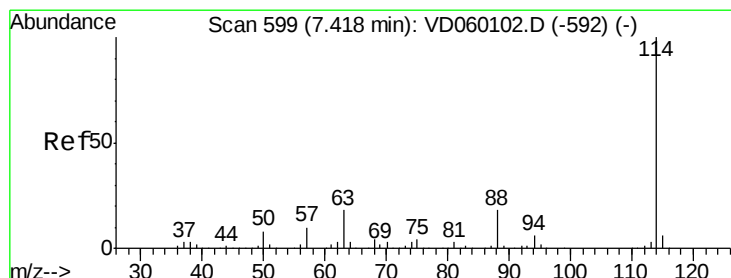
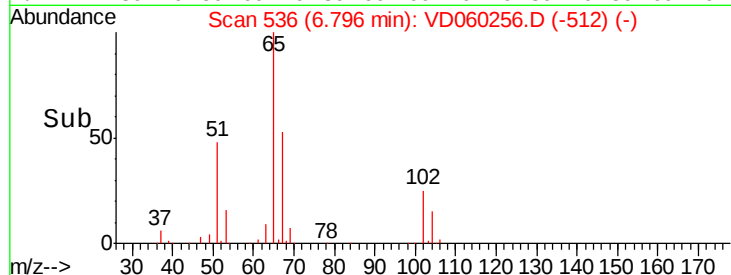
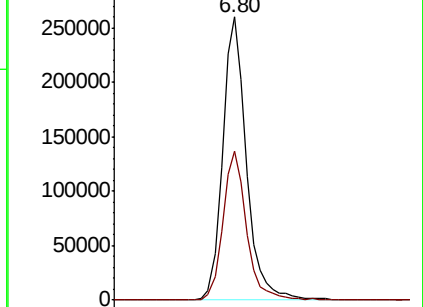
65 100

67 52.7 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.46 min Scan# 603

Delta R.T. 0.04 min

Lab File: VD060256.D

Acq: 31 Oct 2018 22:03

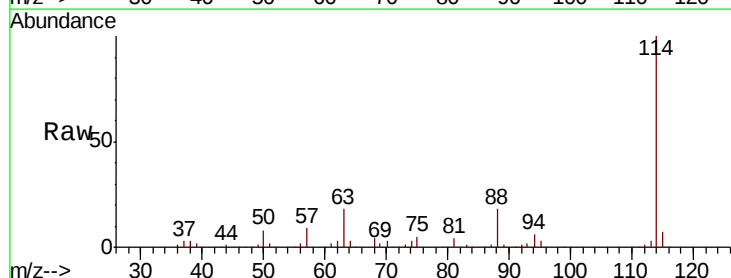
Tgt Ion: 114 Resp: 2675589

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.0

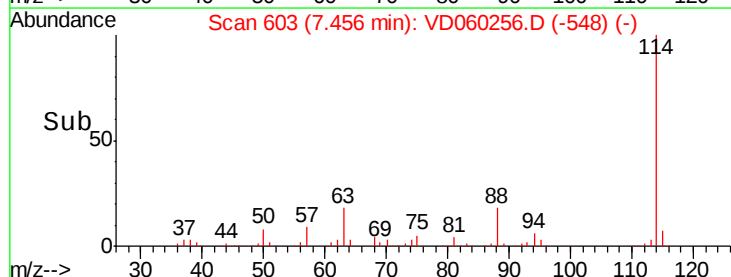
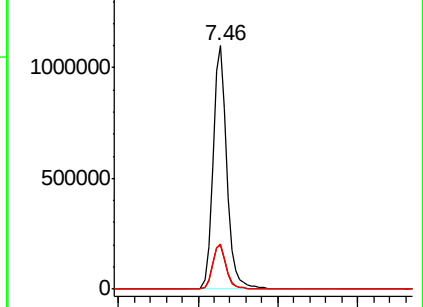
88 18.4 0.0 36.2

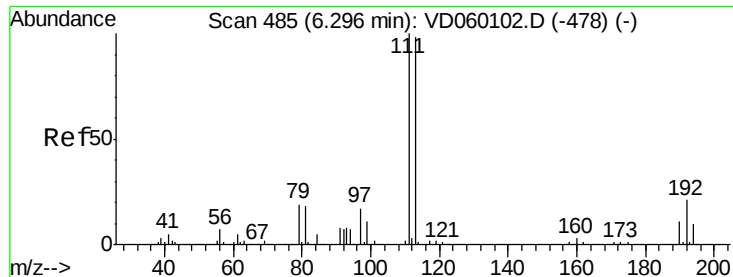


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

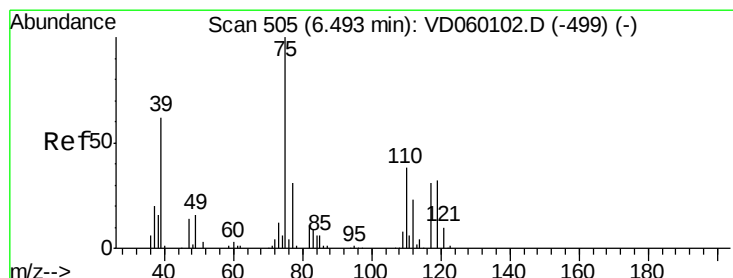
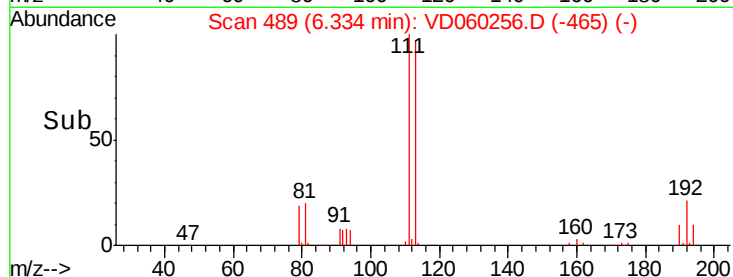
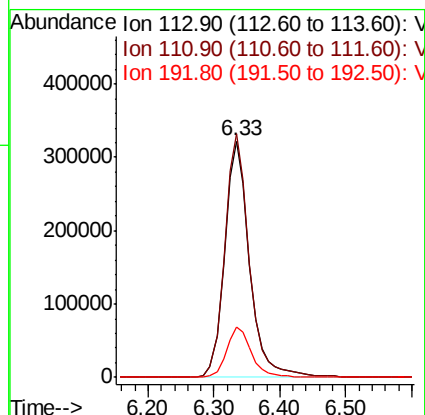
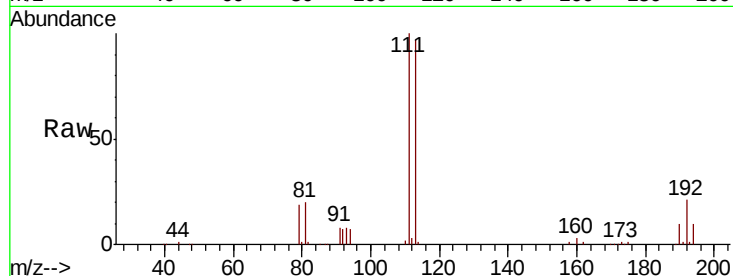




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. 0.04 min
 Lab File: VD060256.D
 Acq: 31 Oct 2018 22:03

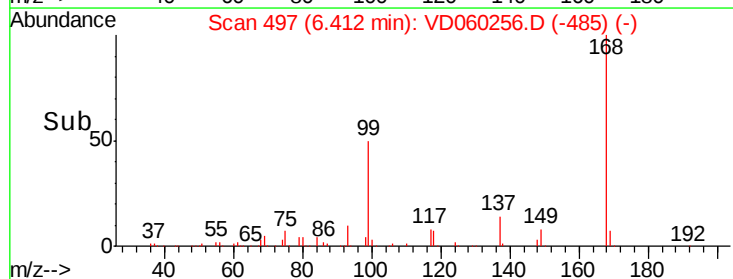
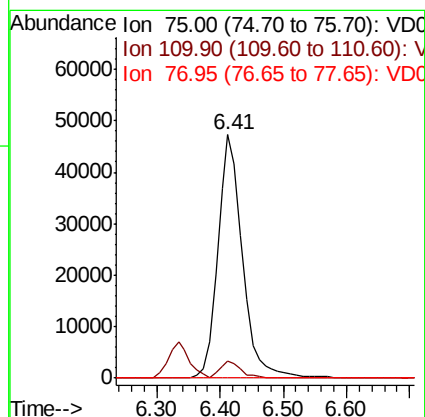
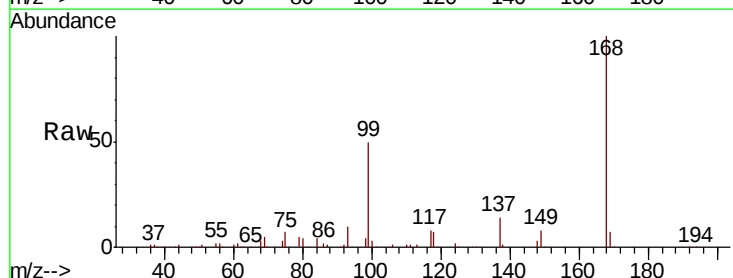
Instrument :
 MSVOA_D
 ClientSampleId :
 B-21(6-8)

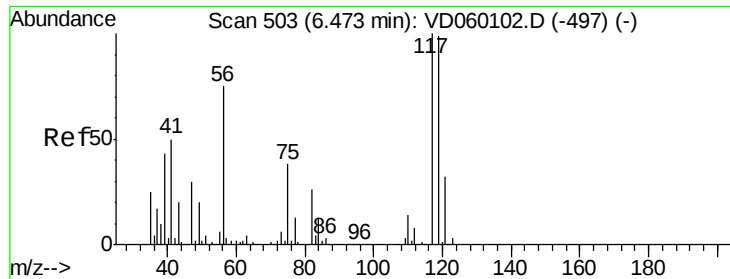
Tot Ion:113 Resp: 848436
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.5 122.3
 192 21.4 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 5.032 ug/l
 RT: 6.41 min Scan# 497
 Delta R.T. -0.08 min
 Lab File: VD060256.D
 Acq: 31 Oct 2018 22:03

Tgt Ion: 75 Resp: 128664
 Ion Ratio Lower Upper
 75 100
 110 7.2 19.0 57.0#
 77 0.0 24.9 37.3#

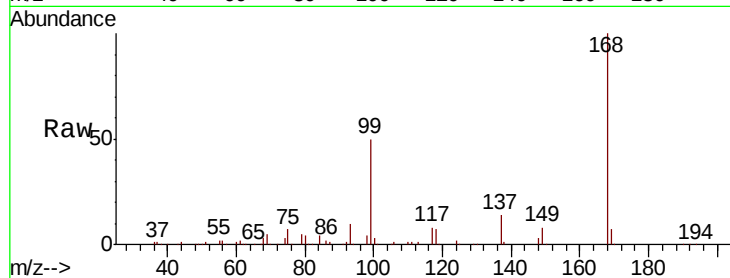




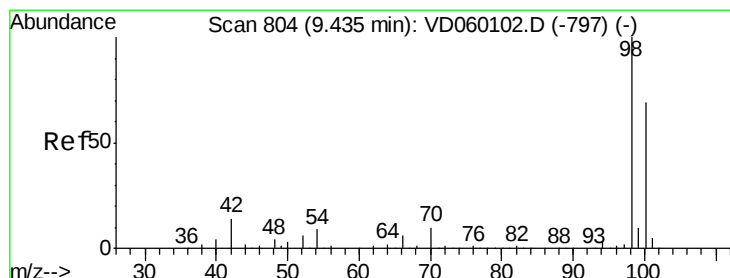
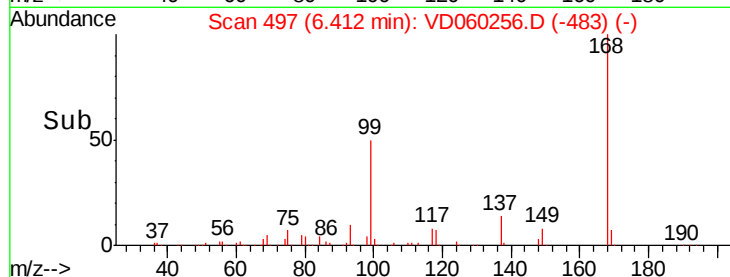
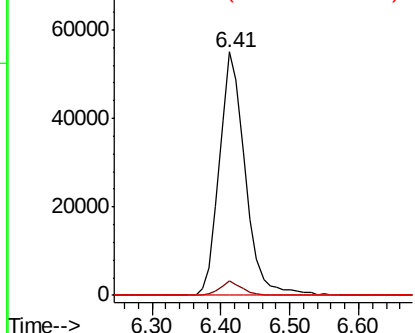
#38
Carbon Tetrachloride
Concen: 6.143 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.06 min
Lab File: VD060256.D
Acq: 31 Oct 2018 22:03

Instrument :
MSVOA_D
ClientSampleId :
B-21(6-8)

Tot Ion:117 Resp: 142562
Ion Ratio Lower Upper
117 100
119 5.7 77.8 116.6#
121 0.0 24.8 37.2#

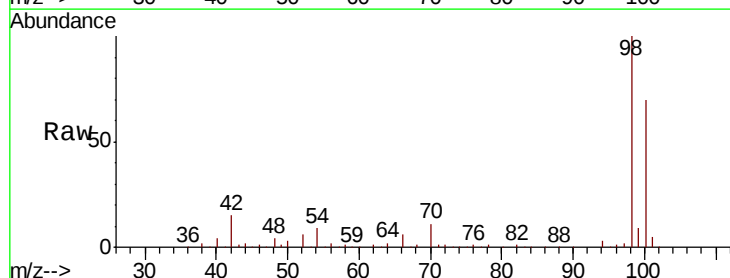


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

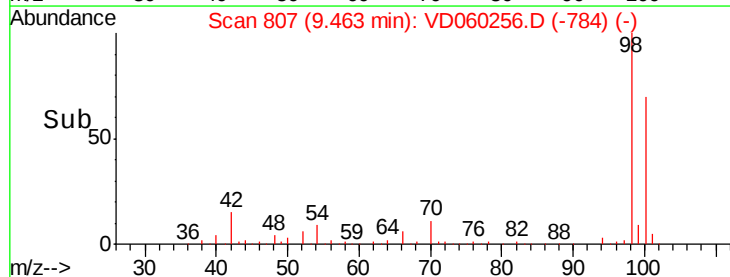
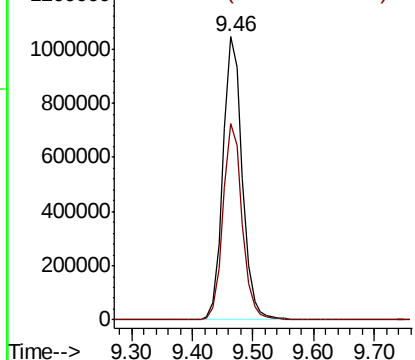


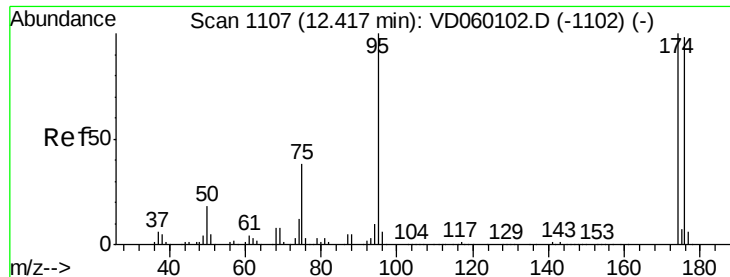
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060256.D
Acq: 31 Oct 2018 22:03

Tgt Ion: 98 Resp: 2308335
Ion Ratio Lower Upper
98 100
100 69.5 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

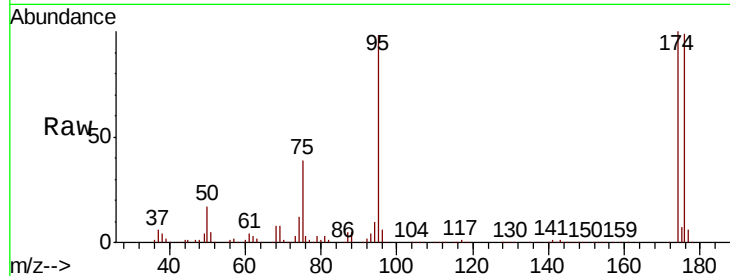




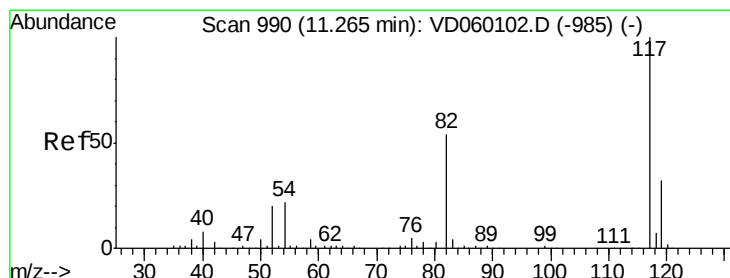
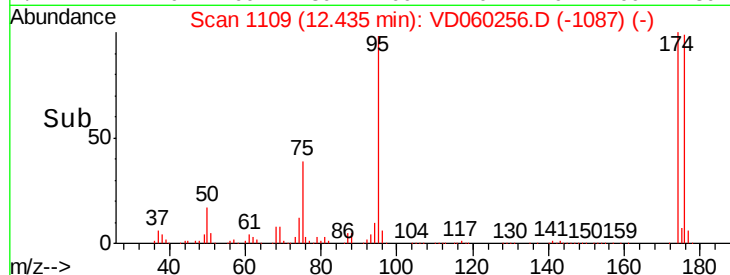
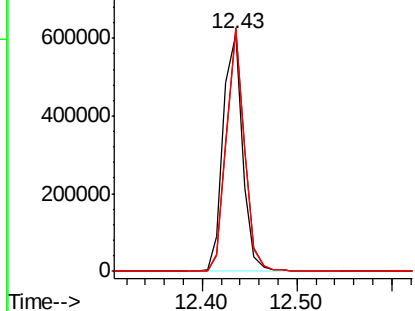
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1109
Delta R.T. 0.02 min
Lab File: VD060256.D
Acq: 31 Oct 2018 22:03

Instrument :
MSVOA_D
ClientSampleId :
B-21(6-8)

Tot Ion: 95 Resp: 868208
Ion Ratio Lower Upper
95 100
174 102.5 0.0 200.2
176 101.9 0.0 195.6

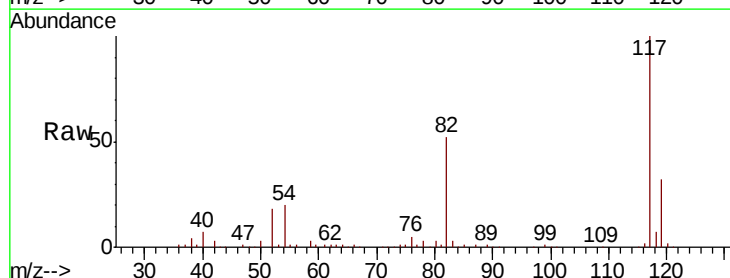


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

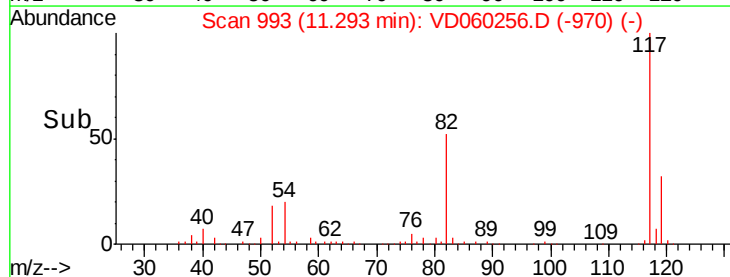
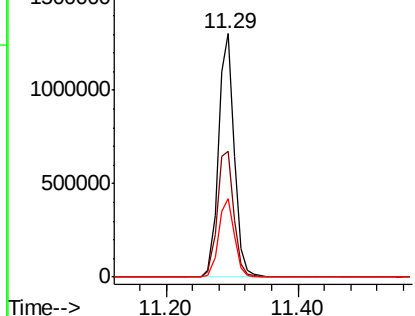


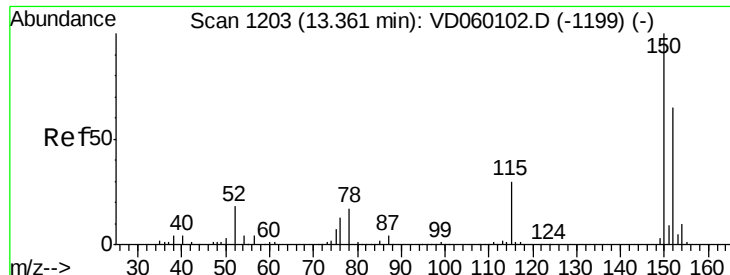
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.03 min
Lab File: VD060256.D
Acq: 31 Oct 2018 22:03

Tgt Ion: 117 Resp: 2154391
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.2
119 32.4 26.0 39.0



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# 1205

Delta R.T. 0.02 min

Lab File: VD060256.D

Acq: 31 Oct 2018 22:03

Instrument :

MSVOA_D

ClientSampleId :

B-21(6-8)

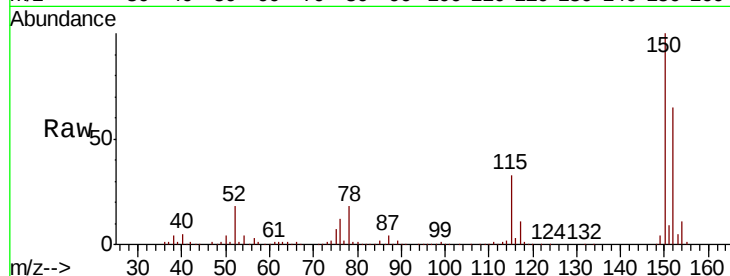
Tot Ion:152 Resp: 1086277

Ion Ratio Lower Upper

152 100

115 51.0 27.1 81.2

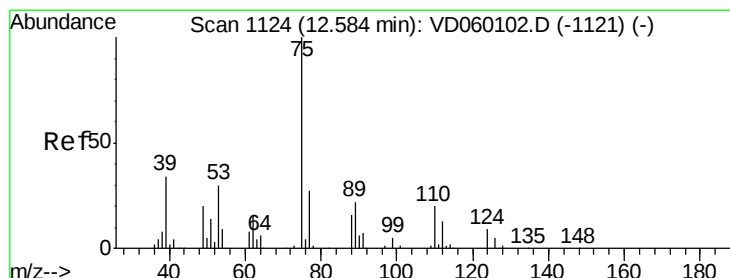
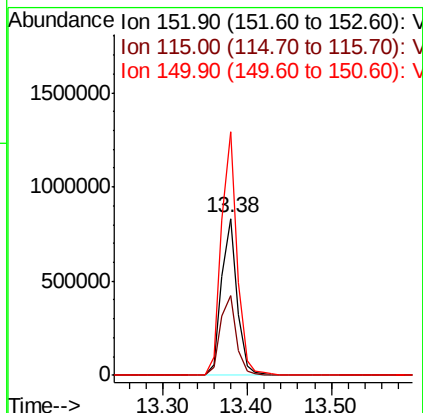
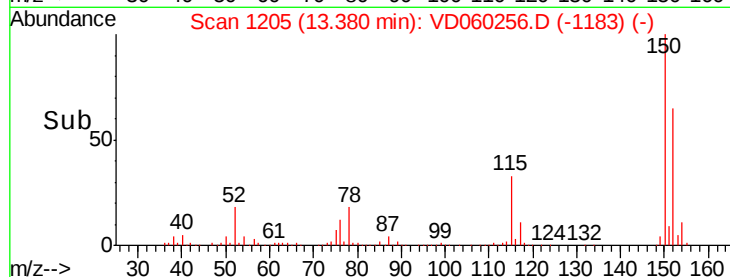
150 154.9 0.0 311.8



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: 22.610 ug/l

RT: 12.43 min Scan# 1109

Delta R.T. -0.15 min

Lab File: VD060256.D

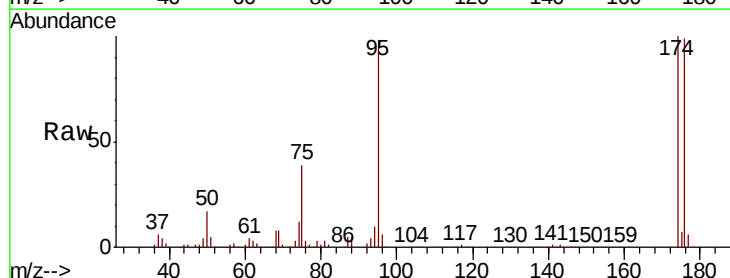
Acq: 31 Oct 2018 22:03

Tgt Ion: 75 Resp: 353705

Ion Ratio Lower Upper

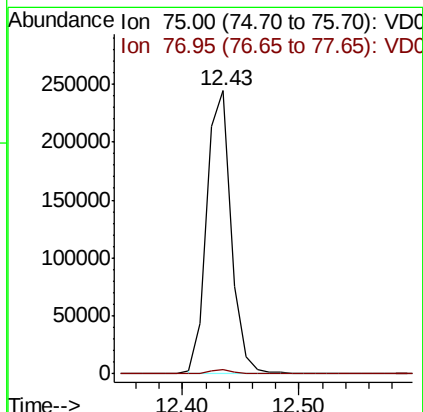
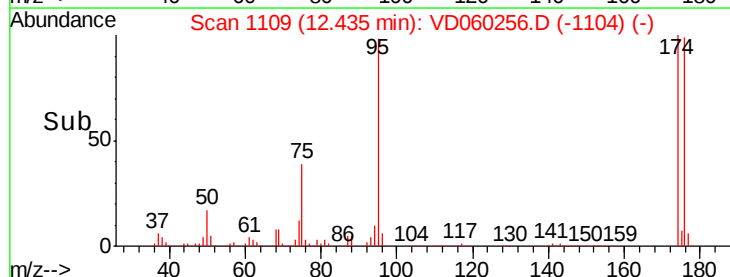
75 100

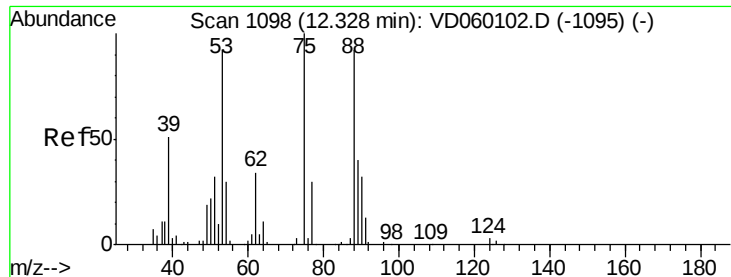
77 1.4 16.3 48.9#



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: 80.515 ug/l

RT: 12.43 min Scan# 1109

Delta R.T. 0.11 min

Lab File: VD060256.D

Acq: 31 Oct 2018 22:03

Instrument :

MSVOA_D

ClientSampleId :

B-21(6-8)

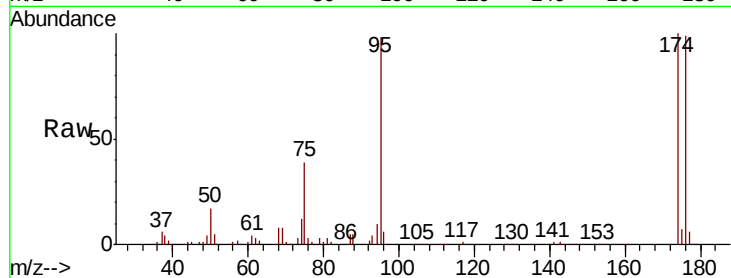
Tot Ion: 75 Resp: 353920

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#



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

