

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061521.D
 Acq On : 2 Apr 2019 18:25
 Operator : VA/AP
 Sample : K2186-03RE
 Misc : 2.84g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 03 01:54:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

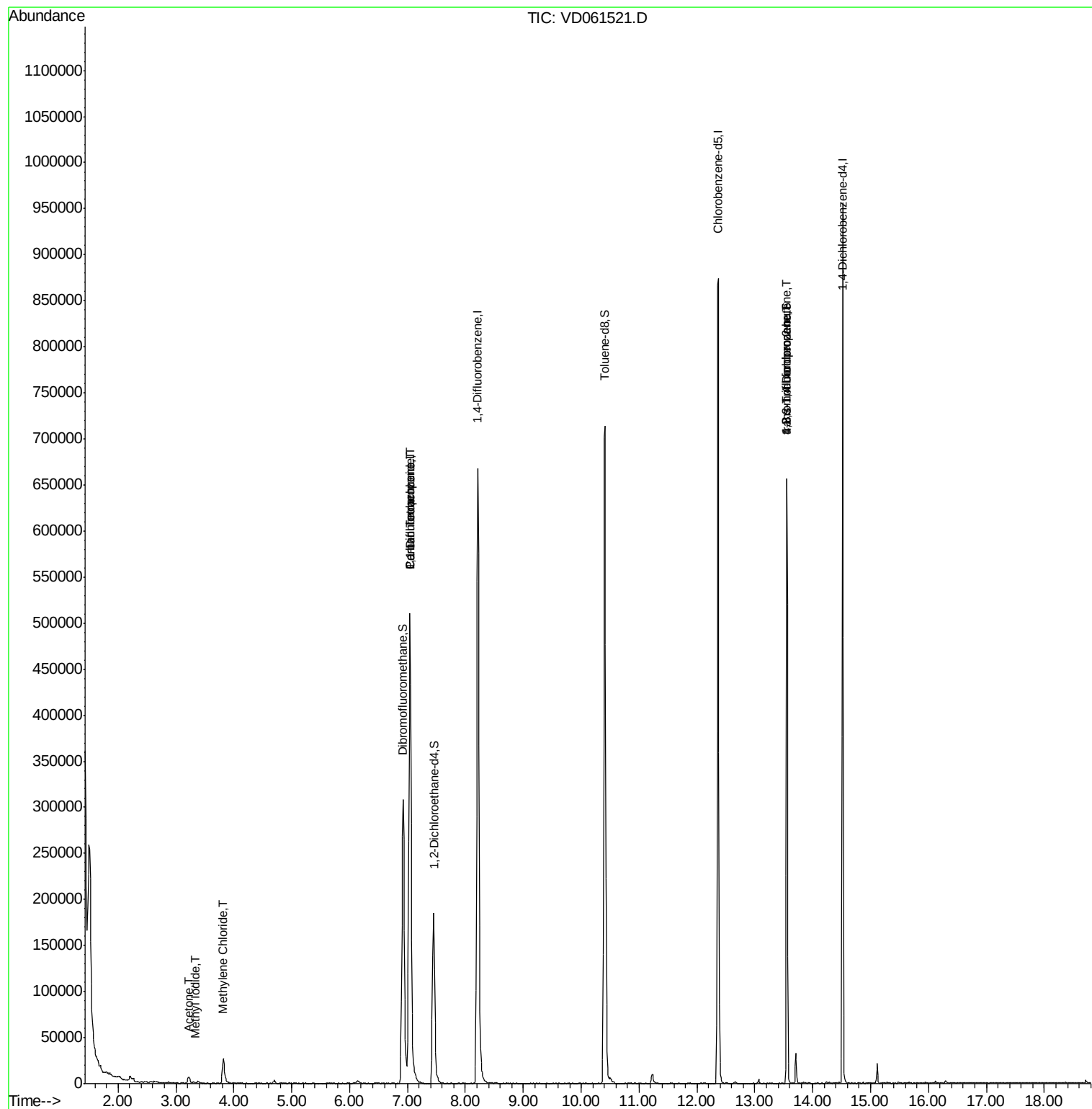
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	514266	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	847381	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	604592	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	203410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	189958	43.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.48%	
35) Dibromofluoromethane	6.92	113	301963	46.63	ug/l	0.02
Spiked Amount 50.000			Recovery	=	93.26%	
50) Toluene-d8	10.41	98	660537	42.53	ug/l	0.02
Spiked Amount 50.000			Recovery	=	85.06%	
62) 4-Bromofluorobenzene	13.55	95	214360	35.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.98%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	3.33	142	677	3.531	ug/l #	38
16) Acetone	3.21	43	14852	13.151	ug/l	96
20) Methylene Chloride	3.81	84	22150	1.644	ug/l	98
36) 1,1-Dichloropropene	7.04	75	37207	5.031	ug/l #	44
38) Carbon Tetrachloride	7.04	117	49658	5.843	ug/l #	15
76) 1,2,3-Trichloropropane	13.55	75	62978	21.433	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.55	75	78329	87.431	ug/l #	18

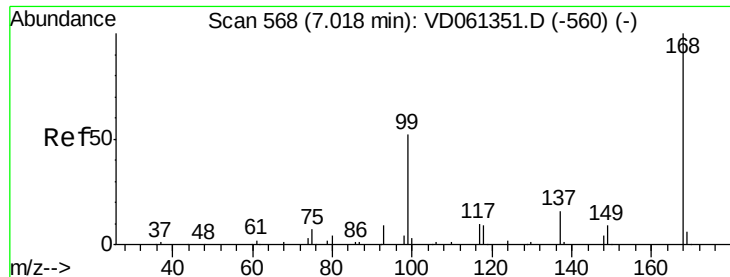
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD061521.D

Acq: 2 Apr 2019 18:25

Instrument :

MSVOA_D

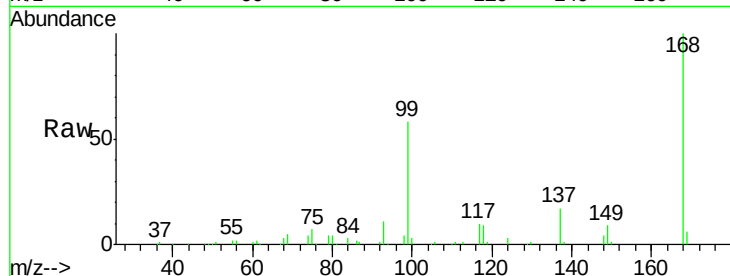
ClientSampleId :

Tot Ion:168 Resp: 514266

Ion Ratio Lower Upper

168 100

99 58.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.04

200000

150000

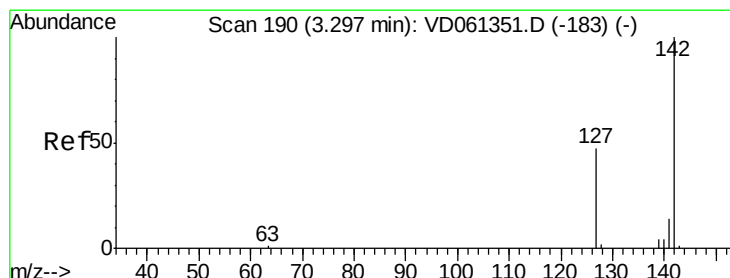
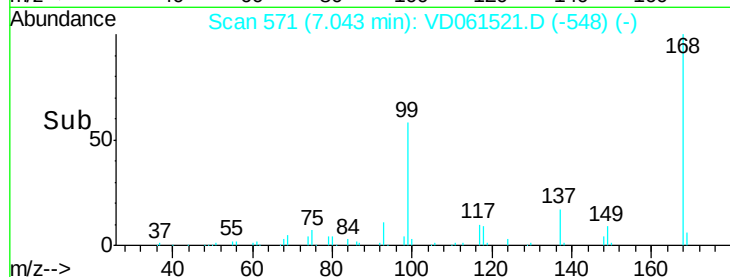
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#10

Methyl Iodide

Concen: 3.531 ug/l

RT: 3.33 min Scan# 194

Delta R.T. 0.03 min

Lab File: VD061521.D

Acq: 2 Apr 2019 18:25

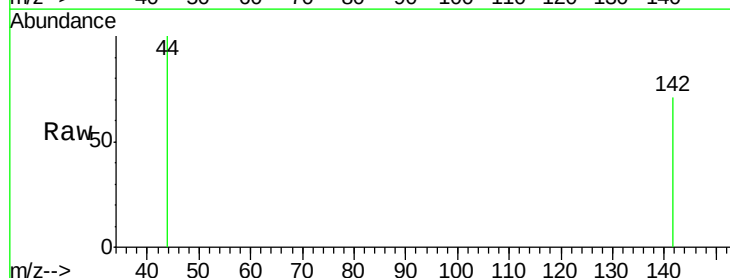
Tgt Ion:142 Resp: 677

Ion Ratio Lower Upper

142 100

127 0.0 37.7 56.5#

141 0.0 11.5 17.3#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

3.33

600

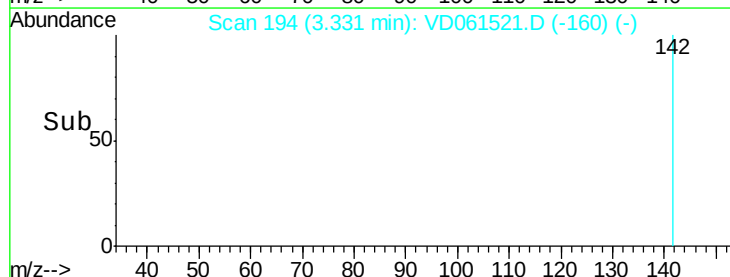
400

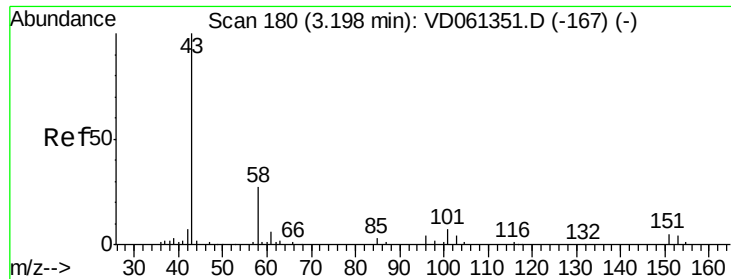
200

0

3.30 3.35

Time-->





#16

Acetone

Concen: 13.151 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061521.D

Acq: 2 Apr 2019 18:25

Instrument :

MSVOA_D

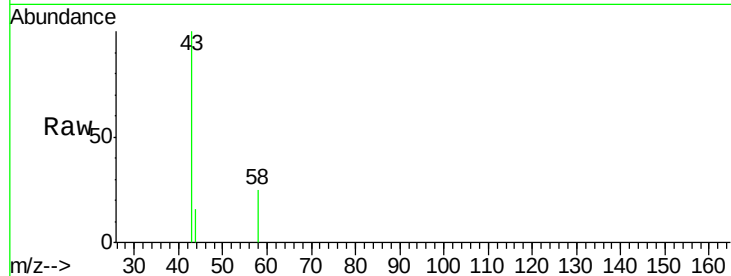
ClientSampled :

Tot Ion: 43 Resp: 14852

Ion Ratio Lower Upper

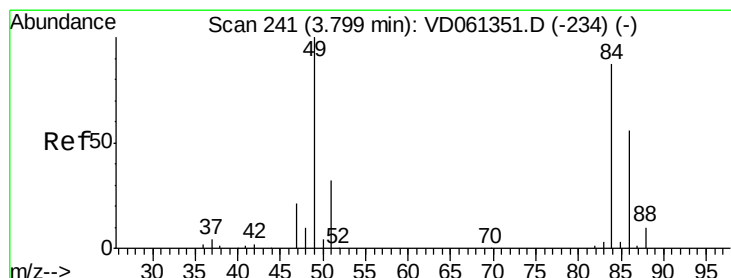
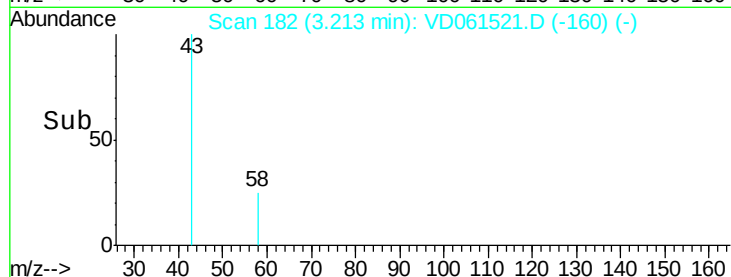
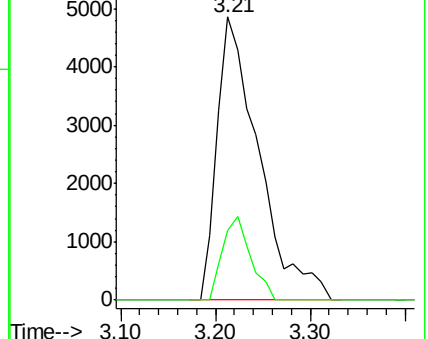
43 100

58 24.7 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 1.644 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061521.D

Acq: 2 Apr 2019 18:25

Tgt Ion: 84 Resp: 22150

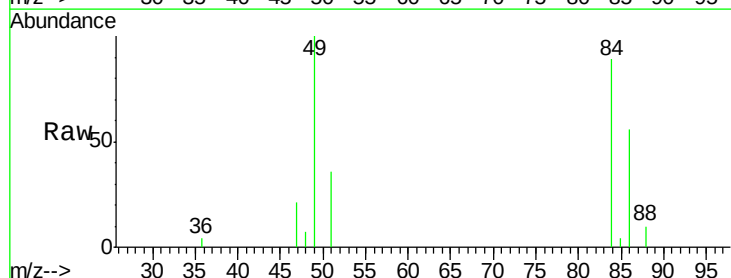
Ion Ratio Lower Upper

84 100

49 112.8 91.8 137.8

51 40.3 29.8 44.8

86 63.5 51.8 77.6

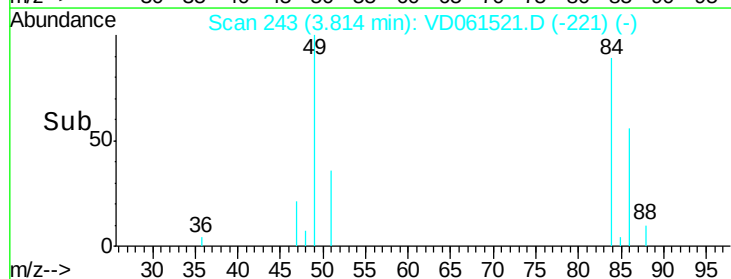
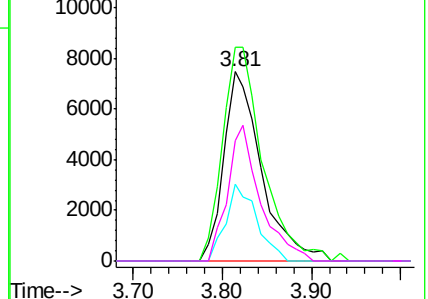


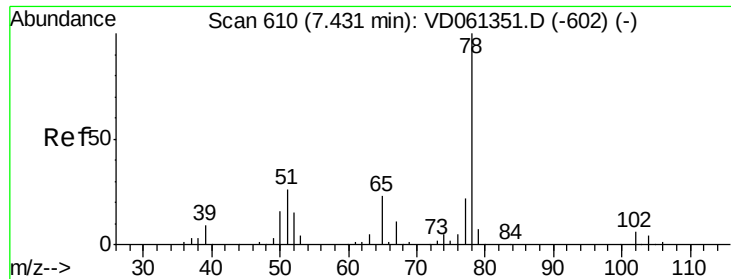
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

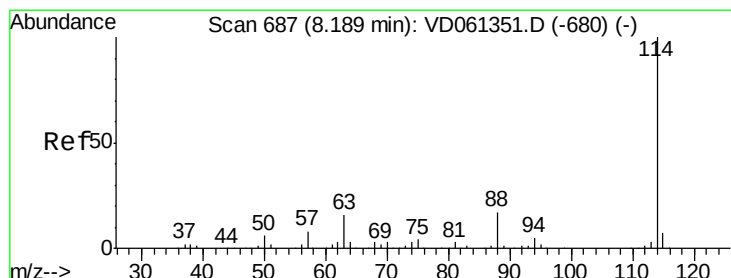
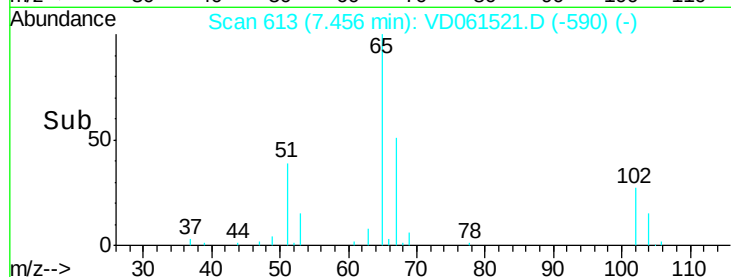
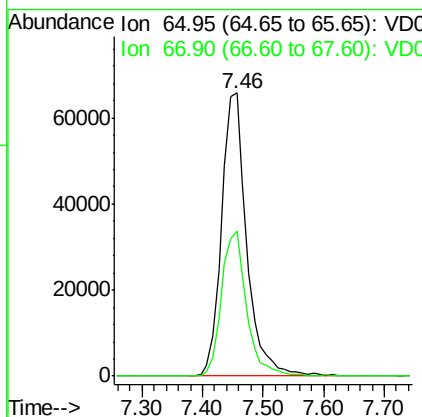
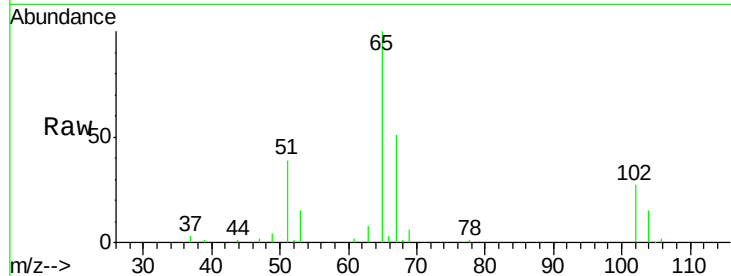




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.02 min
 Lab File: VD061521.D
 Acq: 2 Apr 2019 18:25

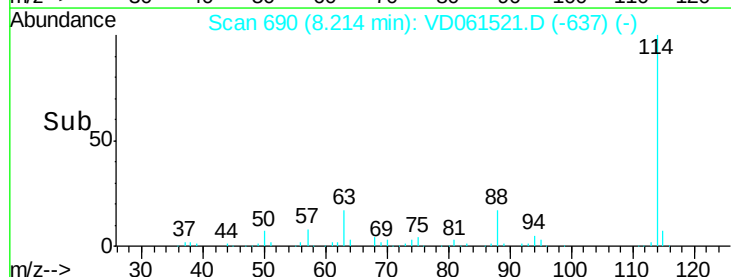
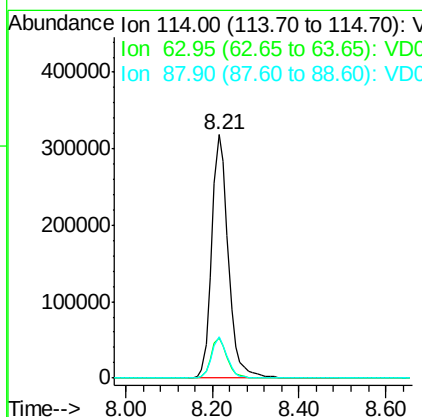
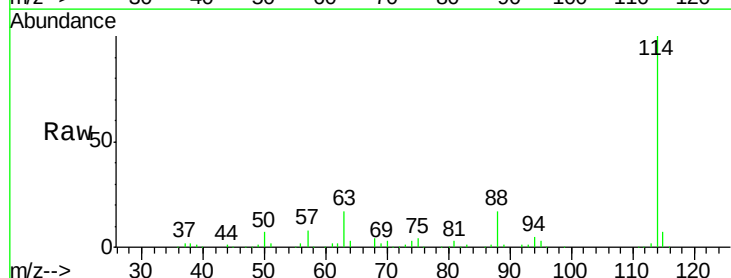
Instrument :
 MSVOA_D
 ClientSampleId :

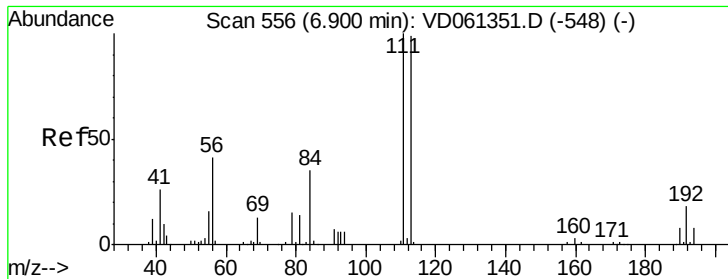
Tot Ion: 65 Resp: 189958
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD061521.D
 Acq: 2 Apr 2019 18:25

Tgt Ion: 114 Resp: 847381
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 31.6
 88 16.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD061521.D

Acq: 2 Apr 2019 18:25

Instrument :

MSVOA_D

ClientSampled :

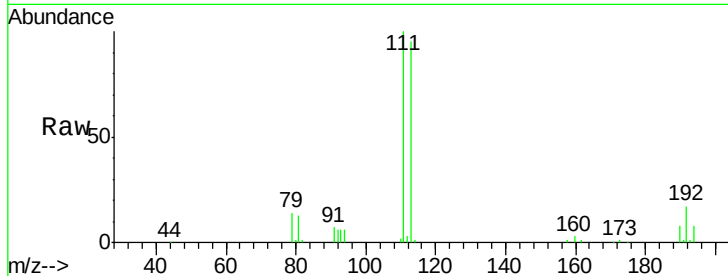
Tot Ion:113 Resp: 301963

Ion Ratio Lower Upper

113 100

111 105.2 81.0 121.6

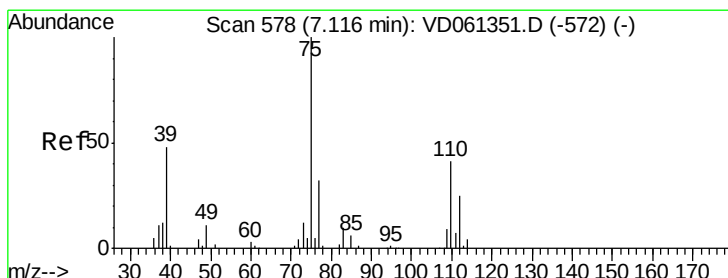
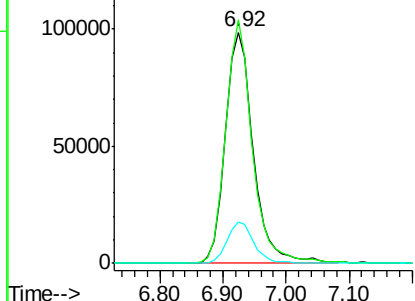
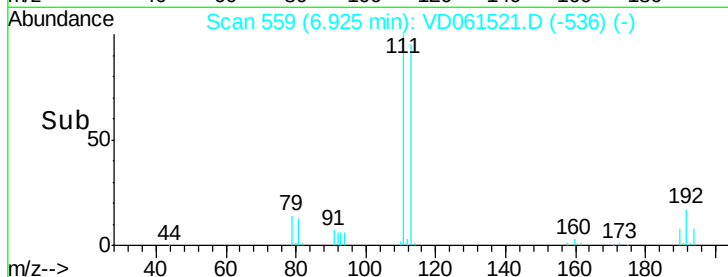
192 17.9 14.4 21.6



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: 5.031 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD061521.D

Acq: 2 Apr 2019 18:25

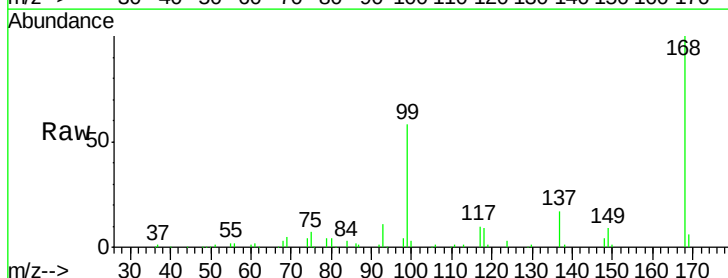
Tgt Ion: 75 Resp: 37207

Ion Ratio Lower Upper

75 100

110 6.4 20.4 61.3#

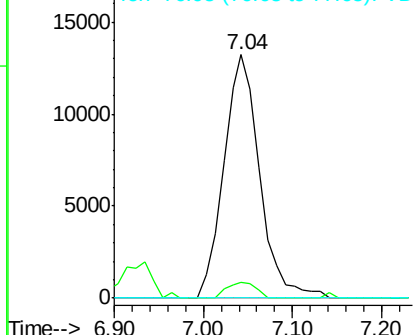
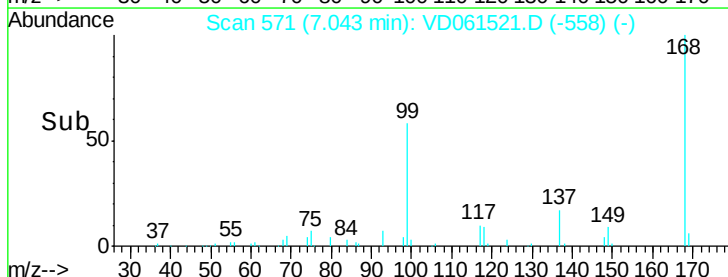
77 0.0 24.9 37.3#

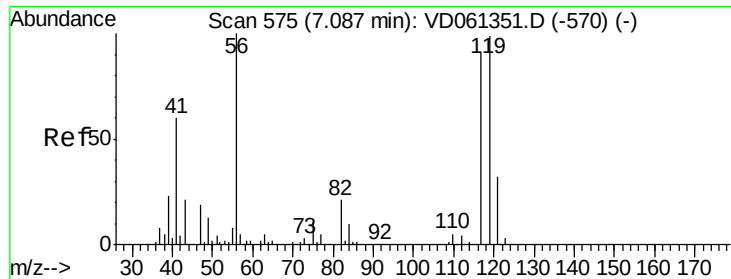


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

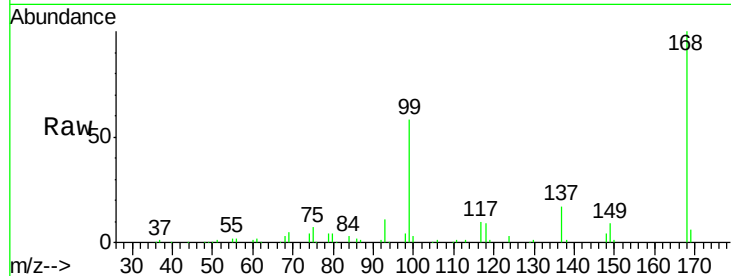




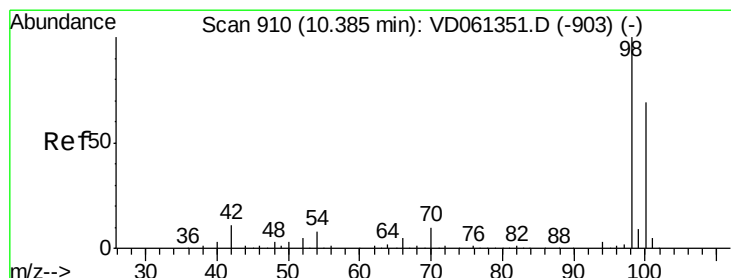
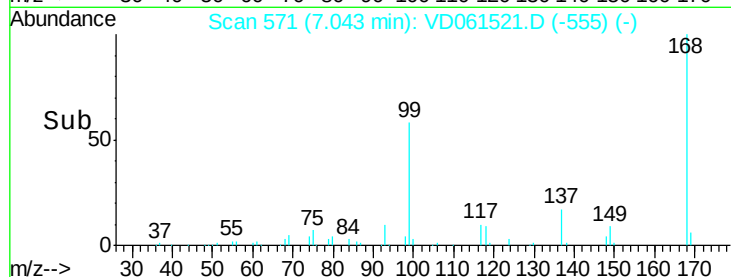
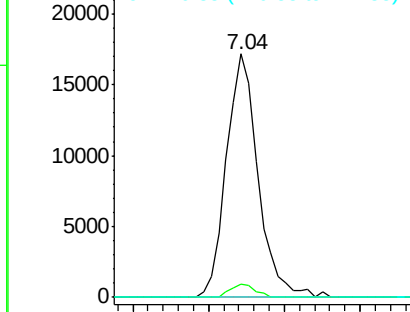
#38
Carbon Tetrachloride
Concen: 5.843 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.04 min
Lab File: VD061521.D
Acq: 2 Apr 2019 18:25

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 49658
Ion Ratio Lower Upper
117 100
119 5.6 80.1 120.1#
121 0.0 25.6 38.4#

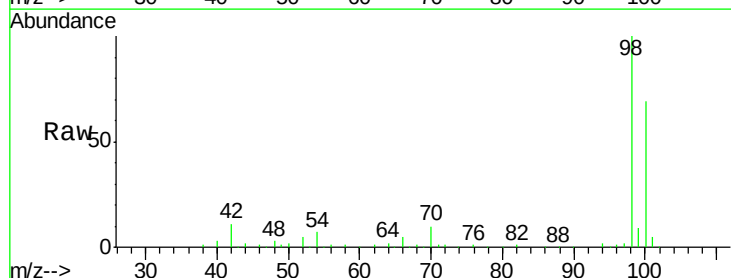


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

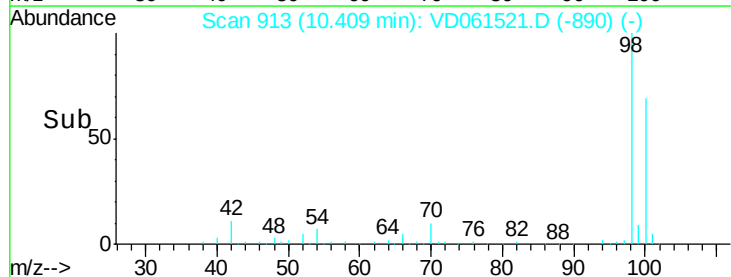
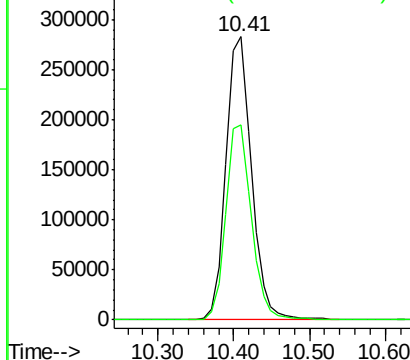


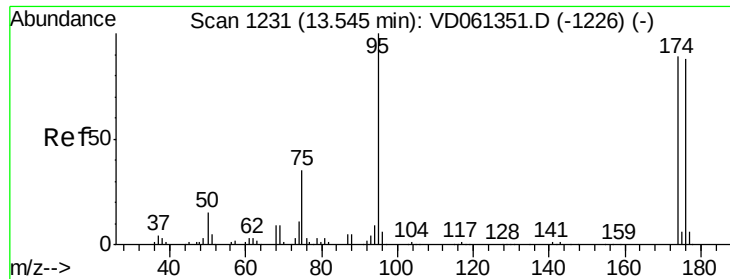
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD061521.D
Acq: 2 Apr 2019 18:25

Tgt Ion: 98 Resp: 660537
Ion Ratio Lower Upper
98 100
100 68.7 56.2 84.2



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

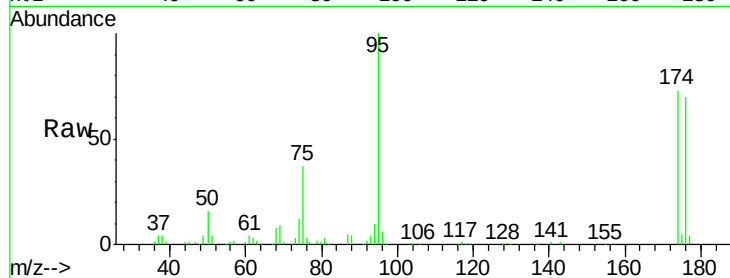




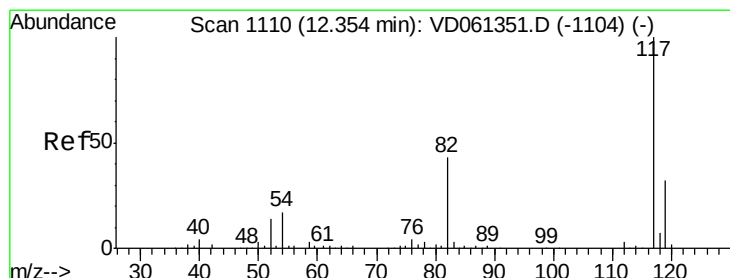
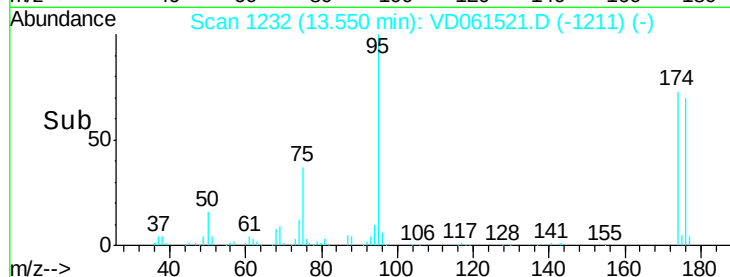
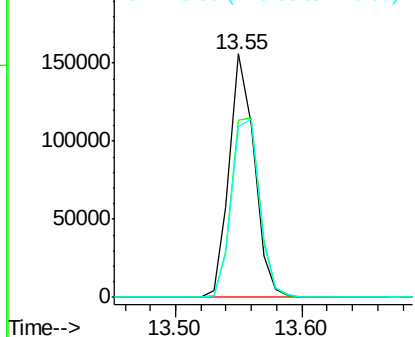
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061521.D
Acq: 2 Apr 2019 18:25

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 214360
Ion Ratio Lower Upper
95 100
174 72.9 0.0 178.0
176 70.3 0.0 175.0

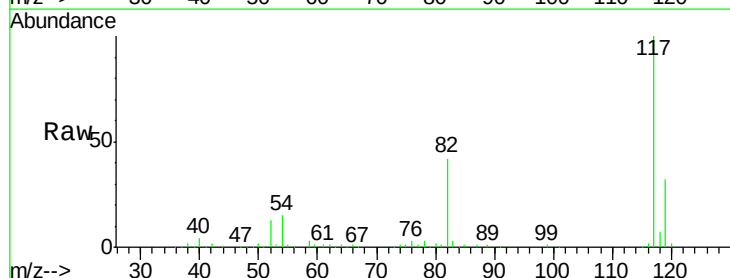


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

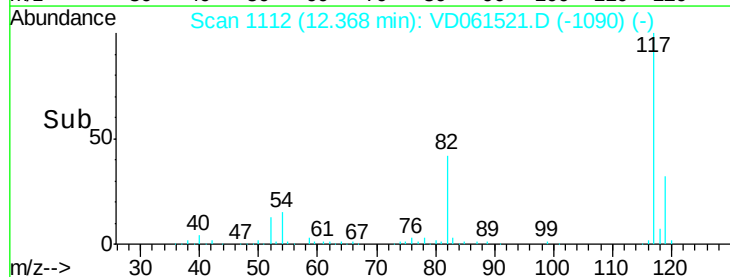
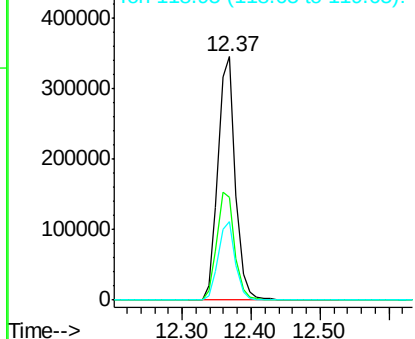


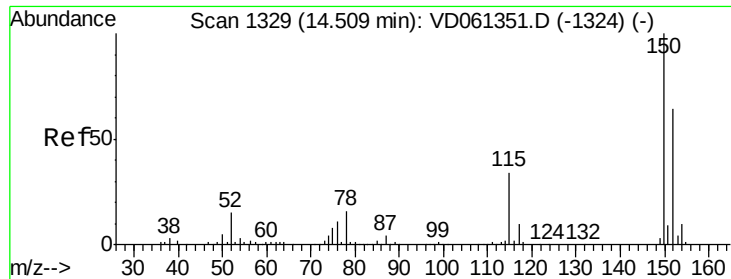
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061521.D
Acq: 2 Apr 2019 18:25

Tgt Ion: 117 Resp: 604592
Ion Ratio Lower Upper
117 100
82 42.2 34.4 51.6
119 32.1 25.8 38.6



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: 14.51 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD061521.D

Acq: 2 Apr 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

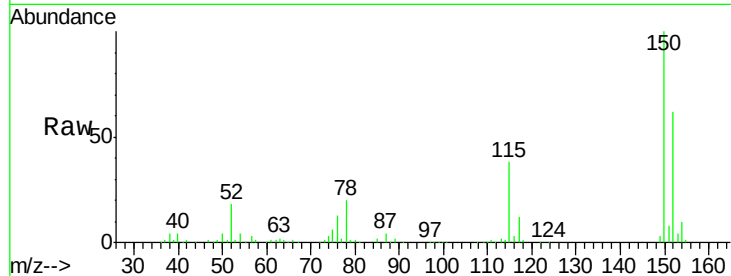
Tot Ion:152 Resp: 203410

Ion Ratio Lower Upper

152 100

115 60.6 26.9 80.6

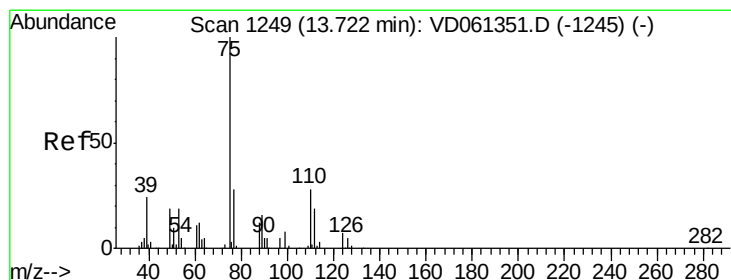
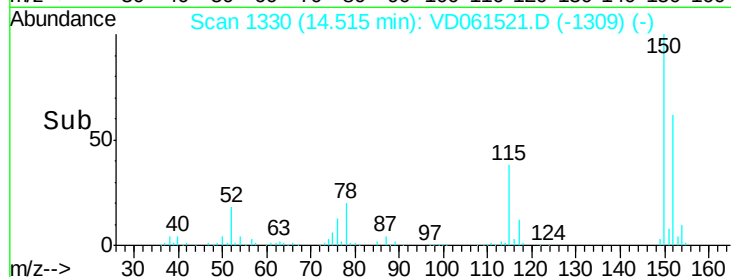
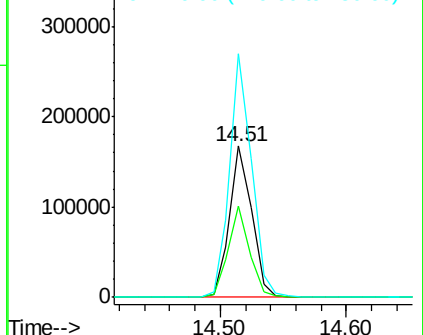
150 160.9 0.0 318.0



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: 21.433 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.17 min

Lab File: VD061521.D

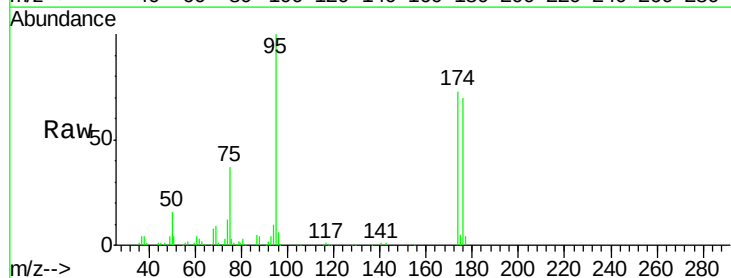
Acq: 2 Apr 2019 18:25

Tgt Ion: 75 Resp: 62978

Ion Ratio Lower Upper

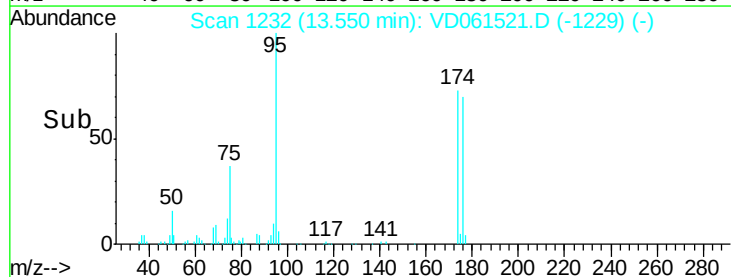
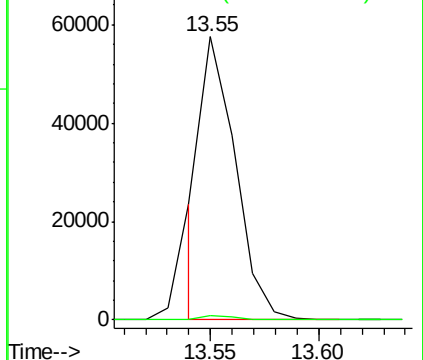
75 100

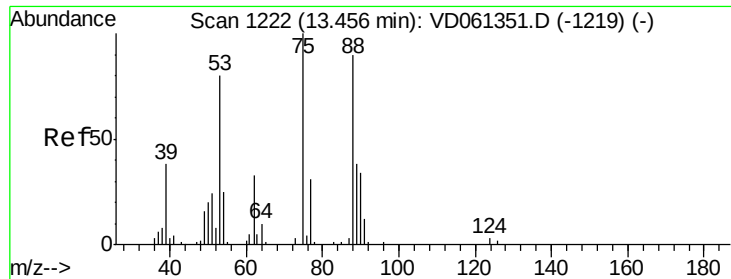
77 1.6 16.2 48.5#



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: 87.431 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD061521.D

Acq: 2 Apr 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 78329

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#

