

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061745.D
 Acq On : 11 Apr 2019 17:11
 Operator : VA/AP
 Sample : K2343-02
 Misc : 4.85µl/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 01:01:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

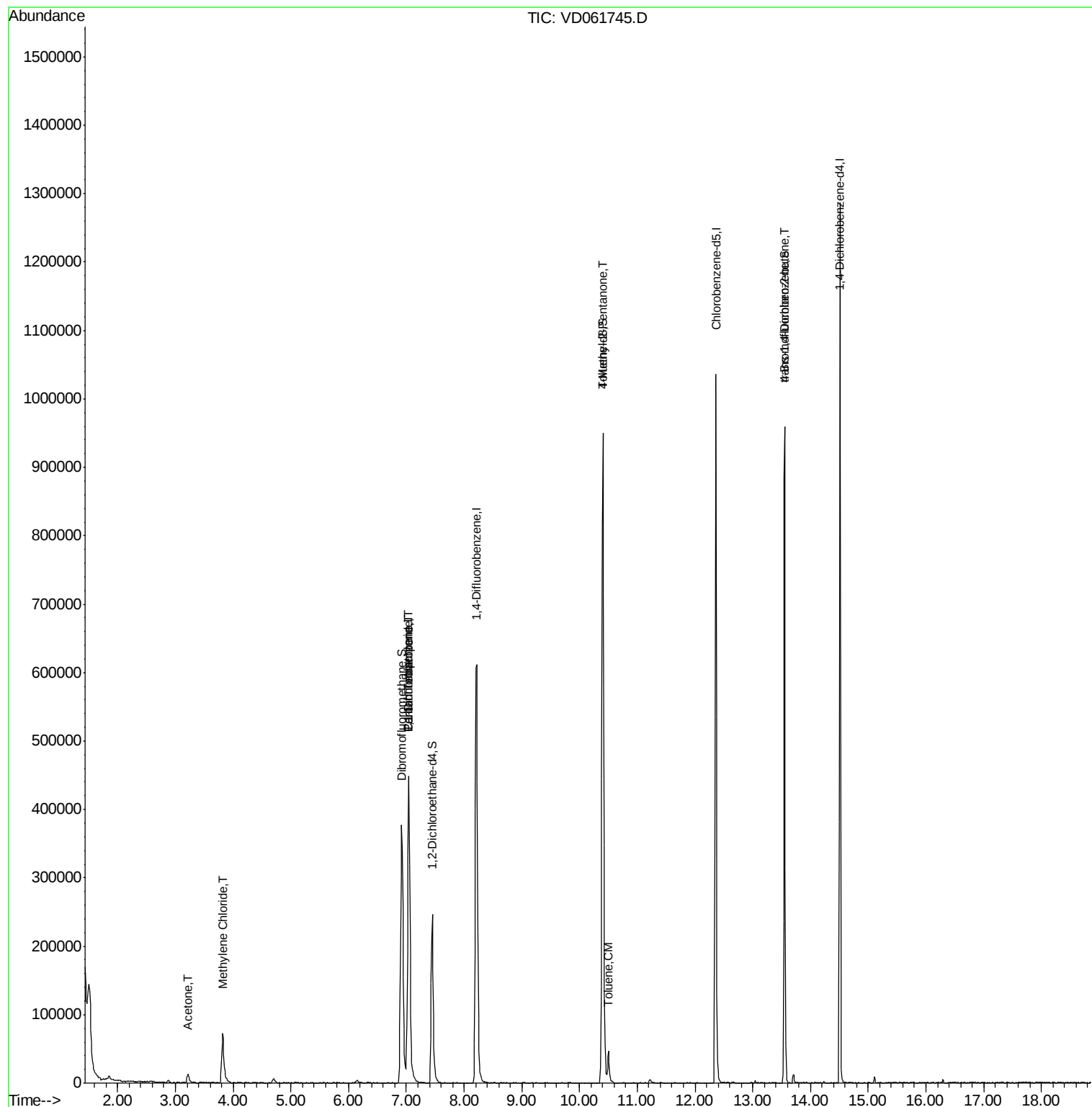
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	474383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	788558	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	673351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	297263	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	237816	66.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.28%	
35) Dibromofluoromethane	6.92	113	372696	68.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.44%	
50) Toluene-d8	10.40	98	840405	61.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.46%	
62) 4-Bromofluorobenzene	13.54	95	324704	74.80	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	149.60%	
Target Compounds						
					Qvalue	
16) Acetone	3.22	43	26094	24.276	ug/l #	88
20) Methylene Chloride	3.82	84	55225	9.054	ug/l	97
36) 1,1-Dichloropropene	7.05	75	35170	5.096	ug/l #	46
38) Carbon Tetrachloride	7.05	117	46849	5.792	ug/l #	14
51) 4-Methyl-2-Pentanone	10.39	43	3335	1.382	ug/l #	1
52) Toluene	10.50	92	23566	2.267	ug/l	92
81) trans-1,4-Dichloro-2-buten	13.54	75	123200	100.387	ug/l #	20

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

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD061745.D

Acq: 11 Apr 2019 17:11

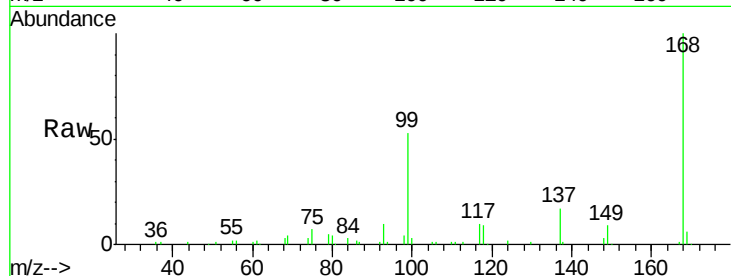
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 474383

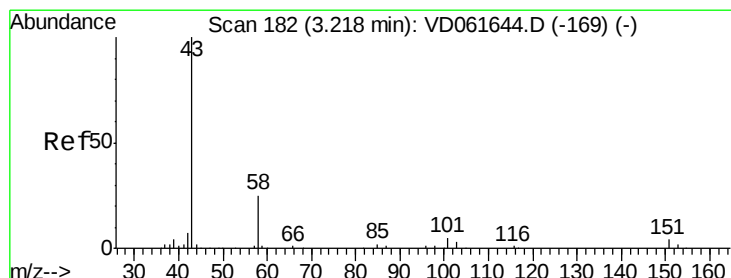
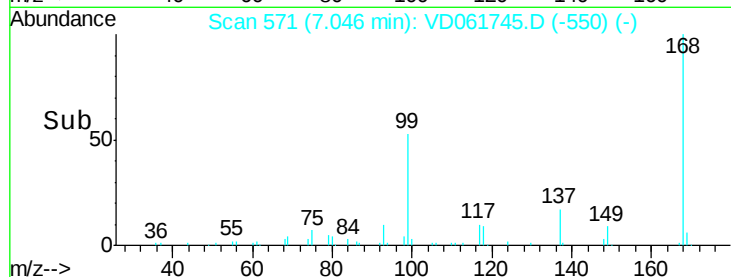
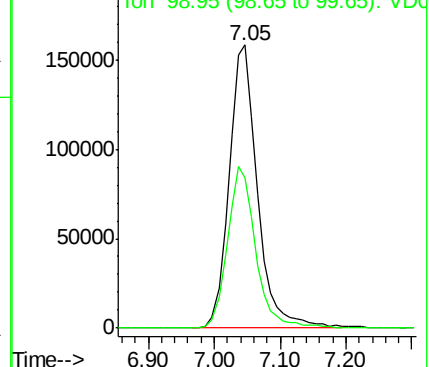
Ion Ratio Lower Upper

168 100

99 52.9 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 24.276 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061745.D

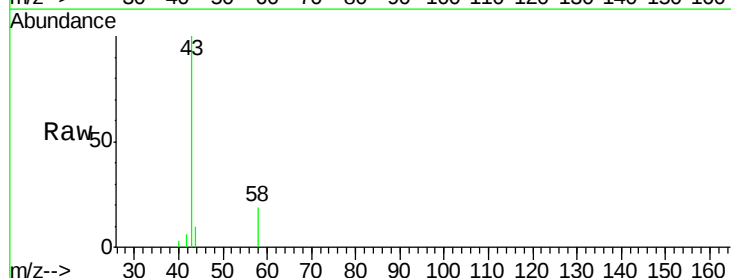
Acq: 11 Apr 2019 17:11

Tgt Ion: 43 Resp: 26094

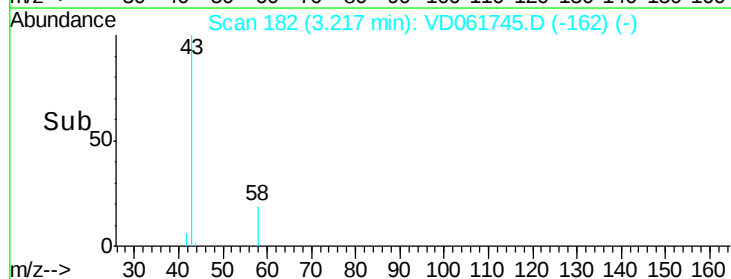
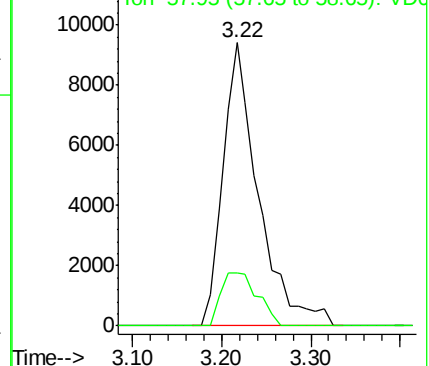
Ion Ratio Lower Upper

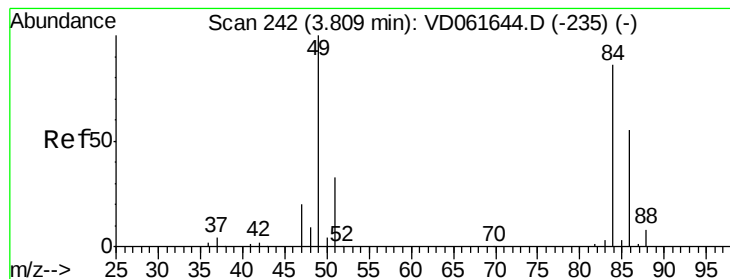
43 100

58 18.8 19.7 29.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC





#20

Methylene Chloride

Concen: 9.054 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061745.D

Acq: 11 Apr 2019 17:11

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 55225

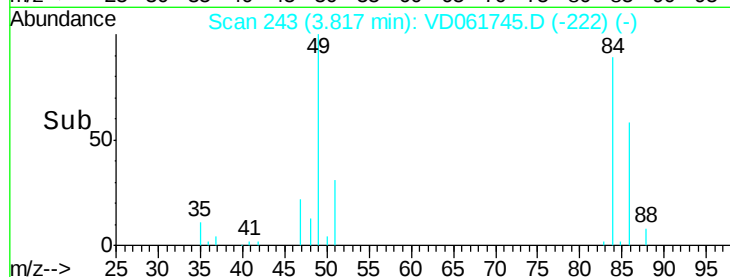
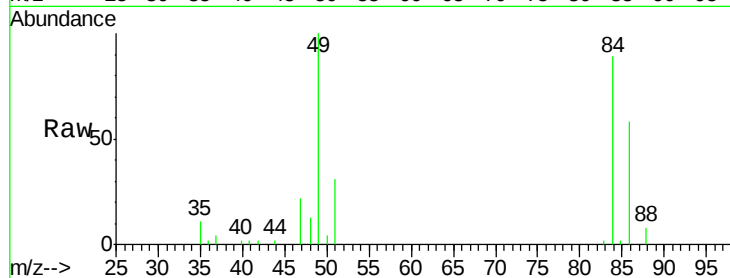
Ion Ratio Lower Upper

84 100

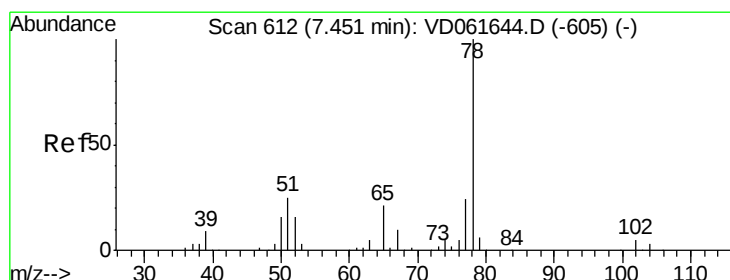
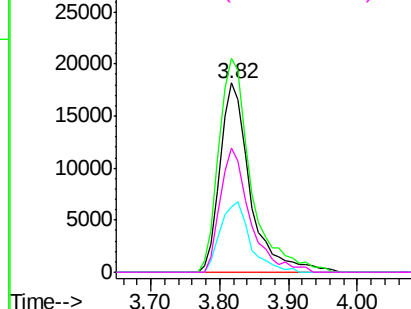
49 112.9 93.0 139.4

51 34.8 30.4 45.6

86 65.4 51.0 76.4



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: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061745.D

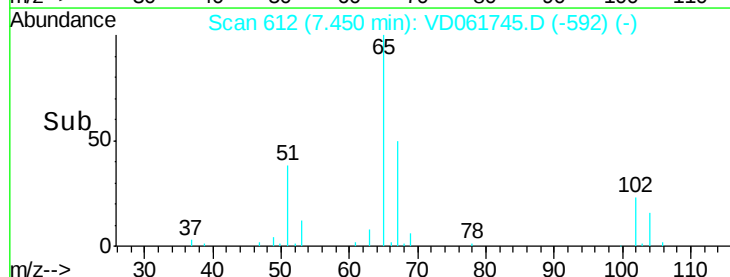
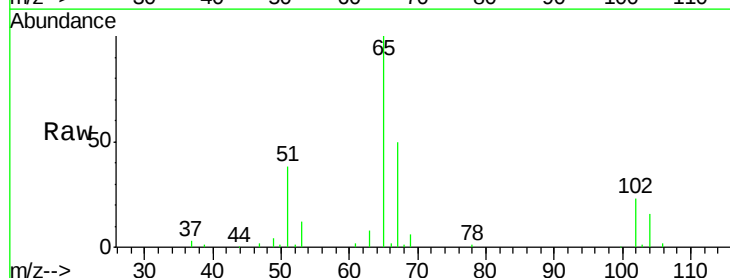
Acq: 11 Apr 2019 17:11

Tgt Ion: 65 Resp: 237816

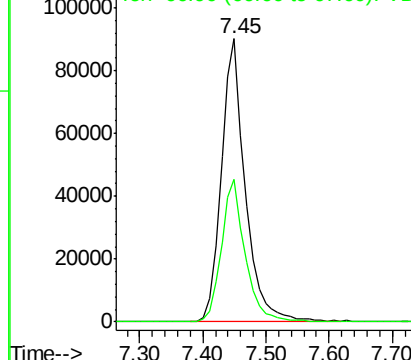
Ion Ratio Lower Upper

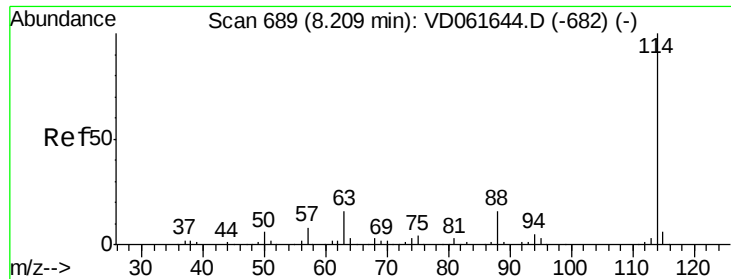
65 100

67 50.4 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

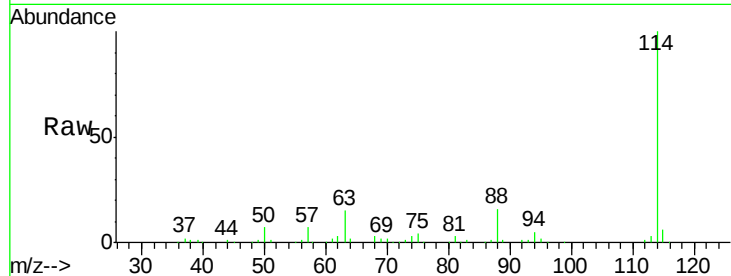




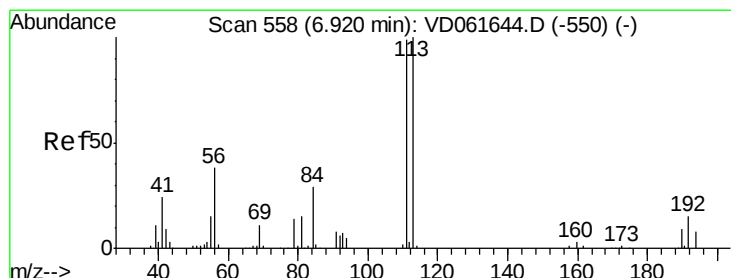
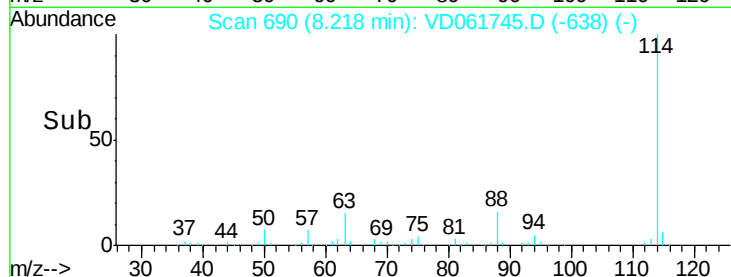
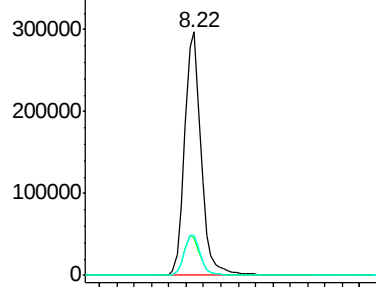
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD061745.D
 Acq: 11 Apr 2019 17:11

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 788558
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 31.2
 88 16.3 0.0 31.8

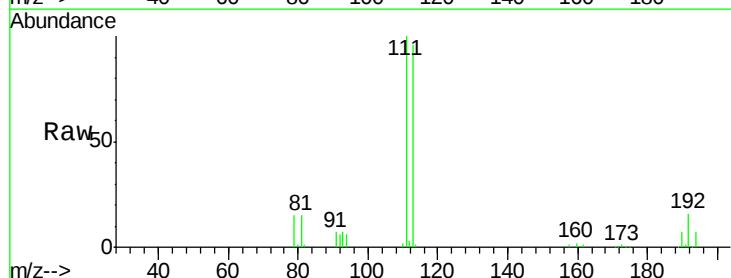


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

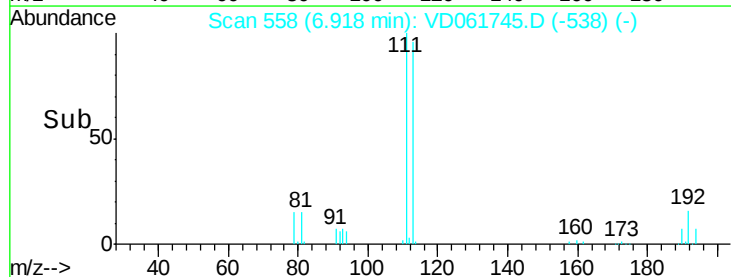
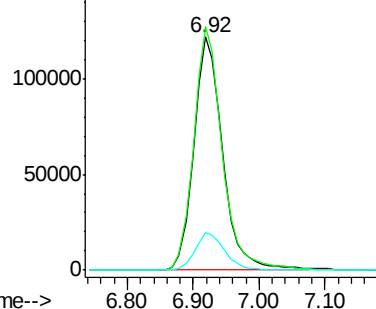


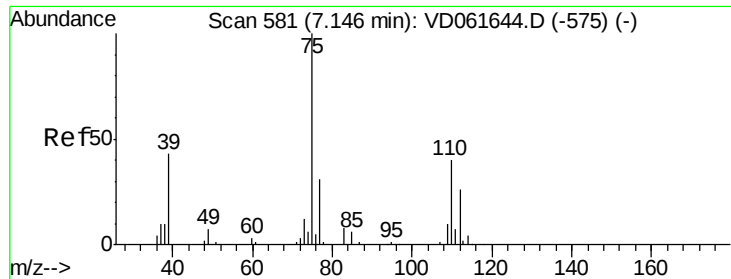
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: VD061745.D
 Acq: 11 Apr 2019 17:11

Tgt Ion:113 Resp: 372696
 Ion Ratio Lower Upper
 113 100
 111 104.5 79.3 118.9
 192 16.3 12.3 18.5



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: 5.096 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.10 min

Lab File: VD061745.D

Acq: 11 Apr 2019 17:11

Instrument :

MSVOA_D

ClientSampleId :

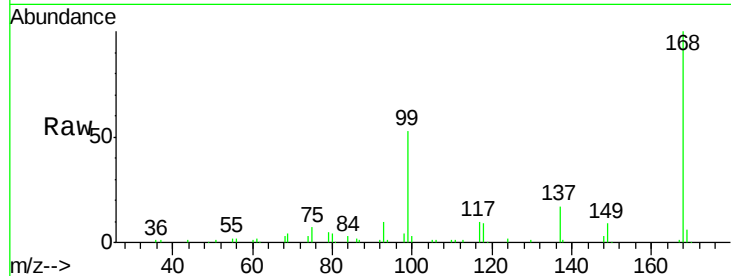
Tot Ion: 75 Resp: 35170

Ion Ratio Lower Upper

75 100

110 7.4 19.7 59.0#

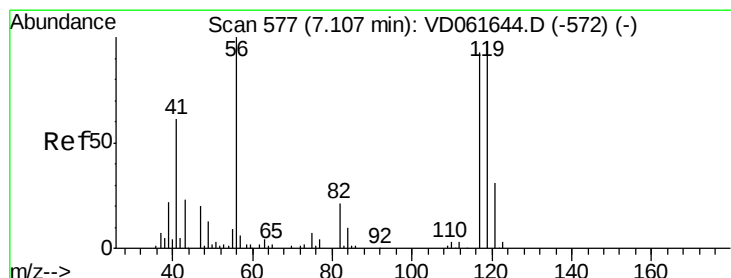
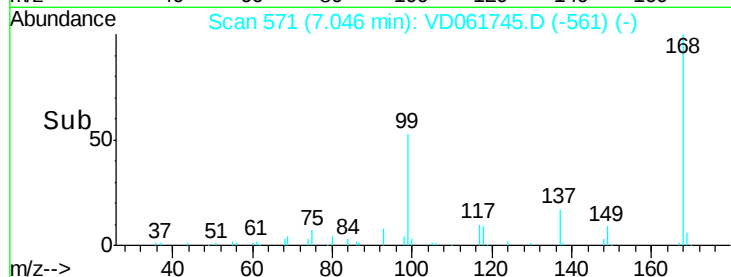
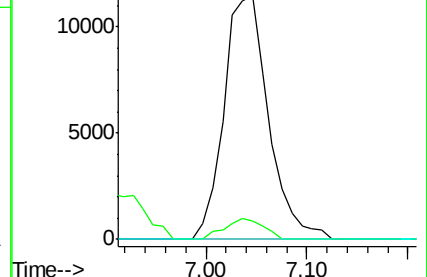
77 0.0 24.8 37.2#



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: 5.792 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.06 min

Lab File: VD061745.D

Acq: 11 Apr 2019 17:11

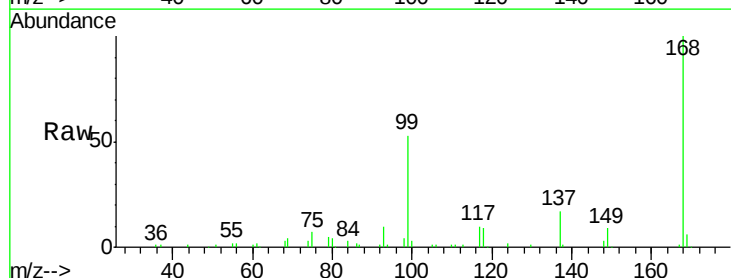
Tgt Ion: 117 Resp: 46849

Ion Ratio Lower Upper

117 100

119 3.5 77.9 116.9#

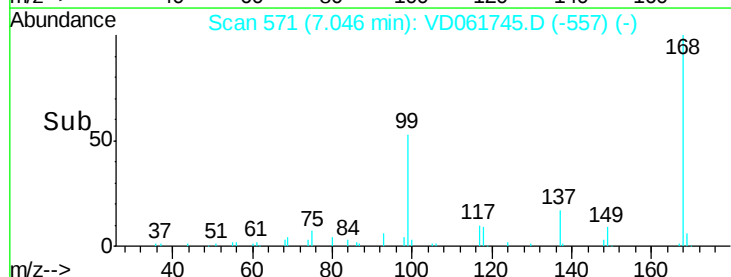
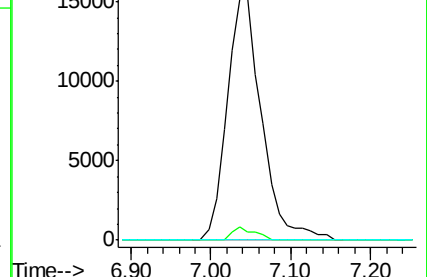
121 0.0 24.7 37.1#

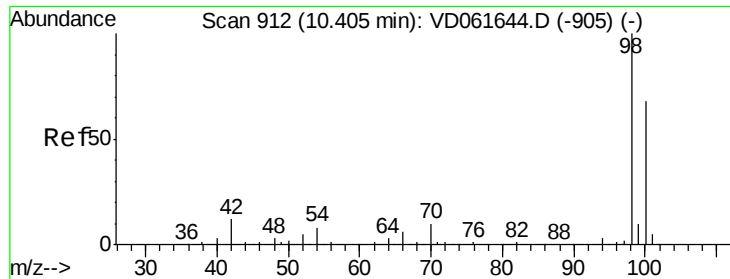


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

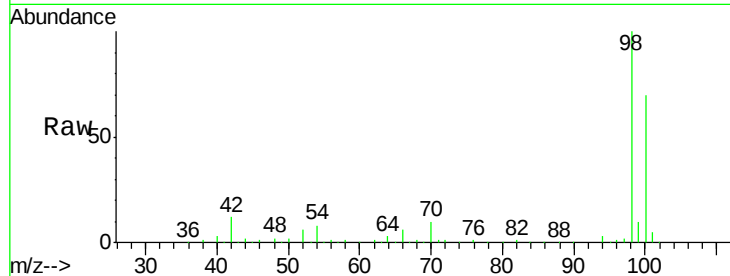




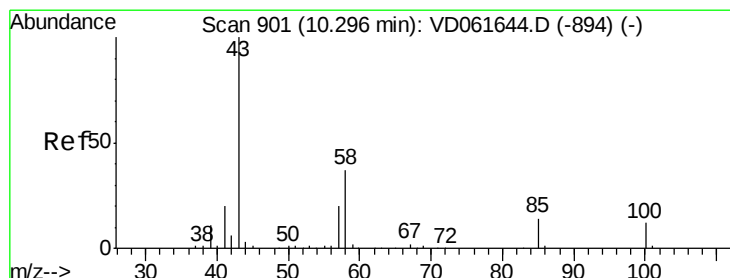
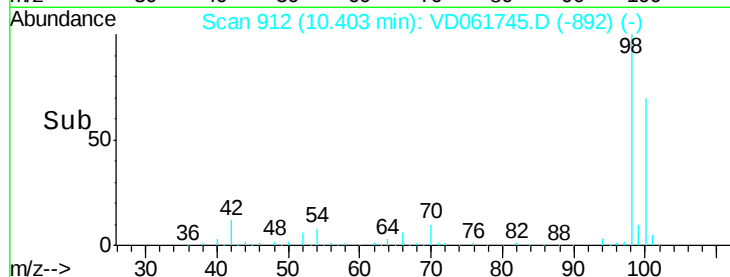
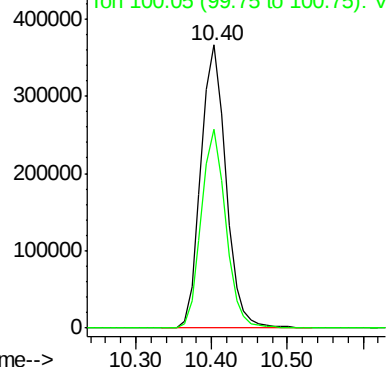
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061745.D
Acq: 11 Apr 2019 17:11

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 98 Resp: 840405
Ion Ratio Lower Upper
98 100
100 70.3 55.4 83.0

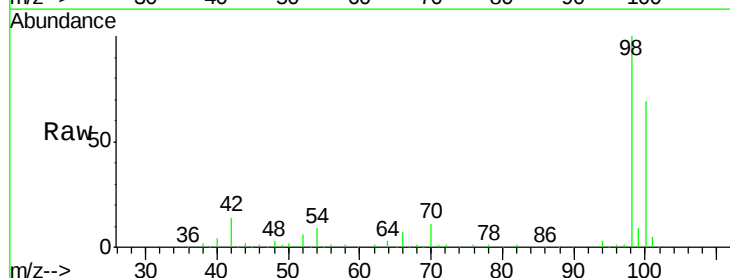


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

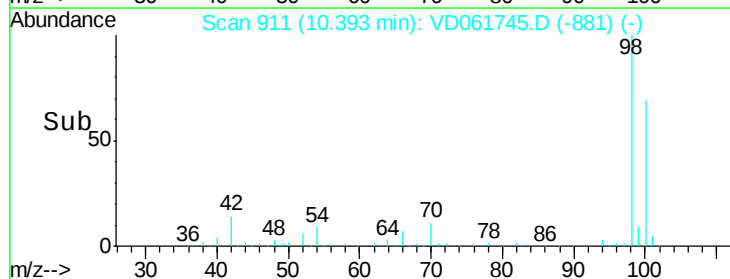
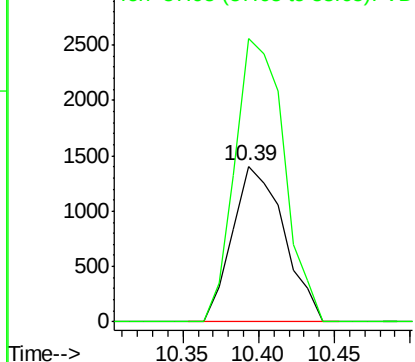


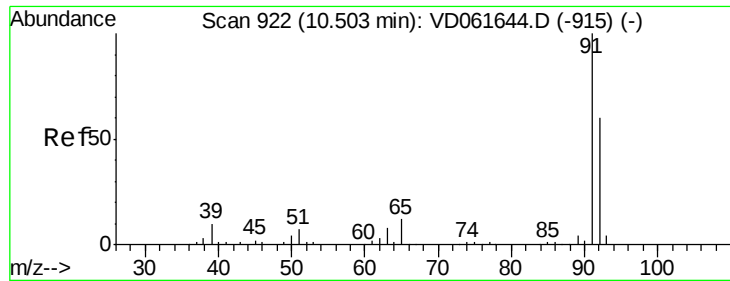
#51
4-Methyl-2-Pentanone
Concen: 1.382 ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.10 min
Lab File: VD061745.D
Acq: 11 Apr 2019 17:11

Tgt Ion: 43 Resp: 3335
Ion Ratio Lower Upper
43 100
58 181.5 29.8 44.8#



Abundance Ion 42.95 (42.65 to 43.65): VD061644.D (-894) (-)
Ion 57.95 (57.65 to 58.65): VD061644.D (-894) (-)





#52

Toluene

Concen: 2.267 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: VD061745.D

Acq: 11 Apr 2019 17:11

Instrument :

MSVOA_D

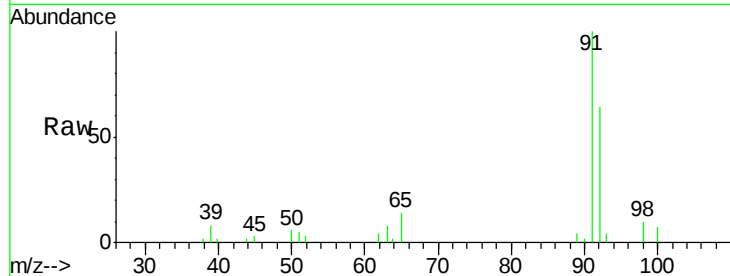
ClientSampleId :

Tot Ion: 92 Resp: 23566

Ion Ratio Lower Upper

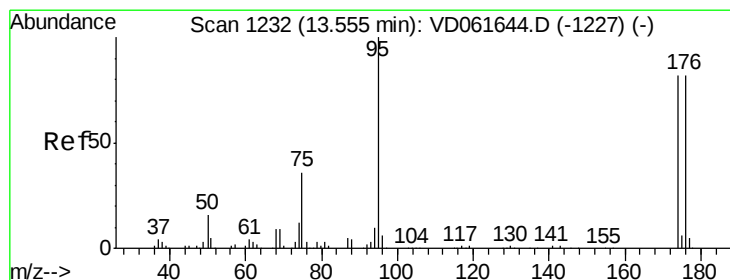
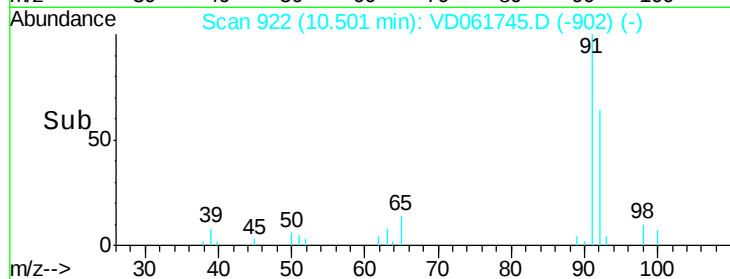
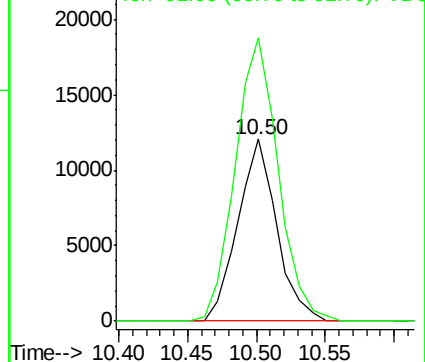
92 100

91 155.8 133.0 199.4



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061745.D

Acq: 11 Apr 2019 17:11

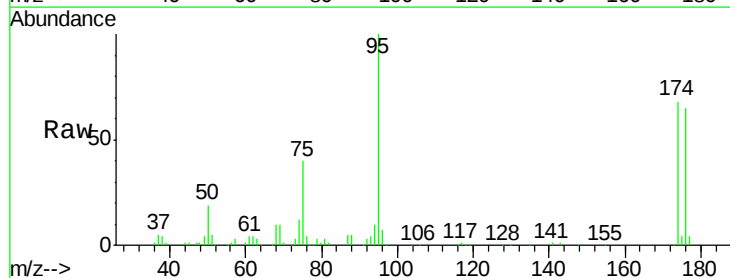
Tgt Ion: 95 Resp: 324704

Ion Ratio Lower Upper

95 100

174 68.2 0.0 164.6

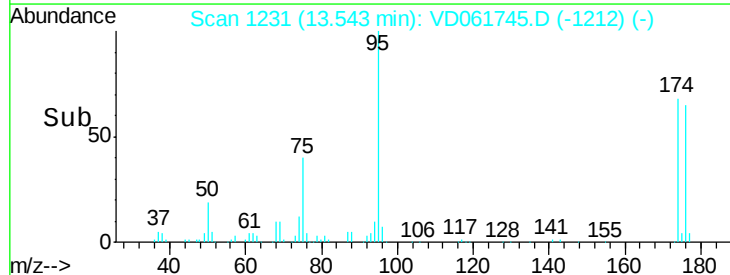
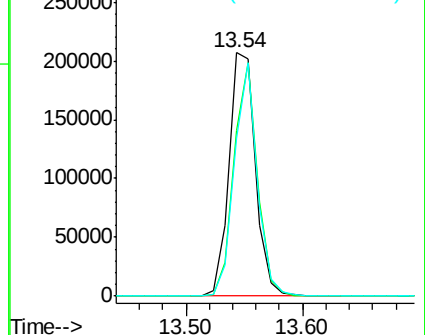
176 64.8 0.0 165.0

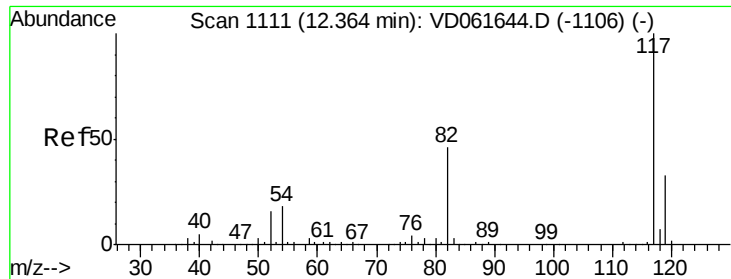


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD061745.D

Acq: 11 Apr 2019 17:11

Instrument :

MSVOA_D

ClientSampleId :

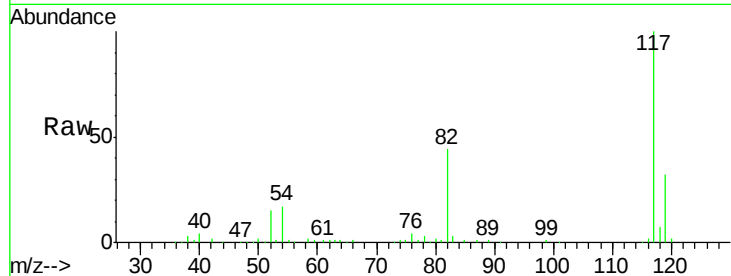
Tot Ion:117 Resp: 673351

Ion Ratio Lower Upper

117 100

82 44.3 36.8 55.2

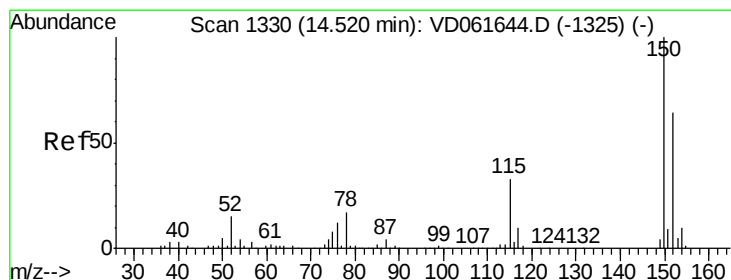
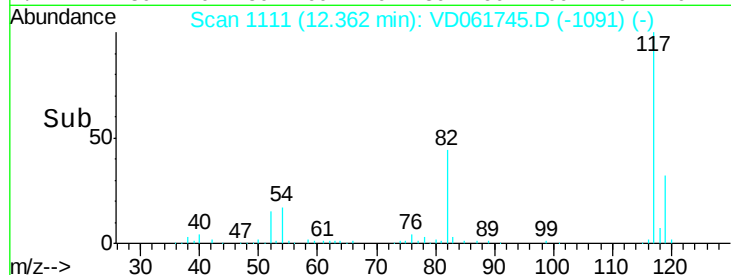
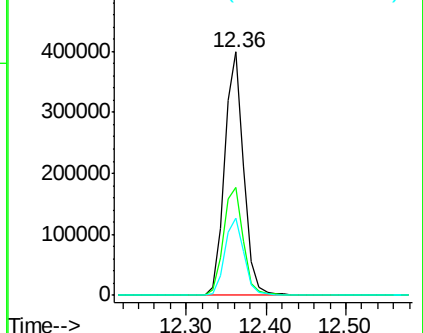
119 31.6 26.1 39.1



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# 1329

Delta R.T. -0.01 min

Lab File: VD061745.D

Acq: 11 Apr 2019 17:11

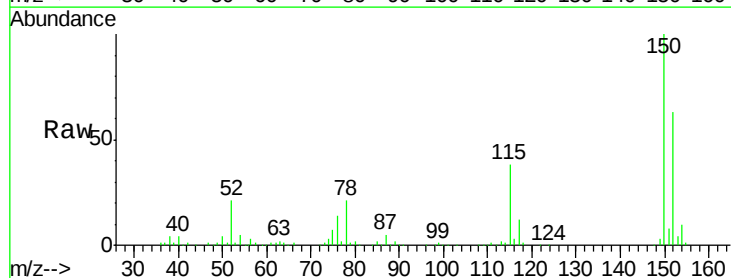
Tgt Ion:152 Resp: 297263

Ion Ratio Lower Upper

152 100

115 60.9 26.4 79.2

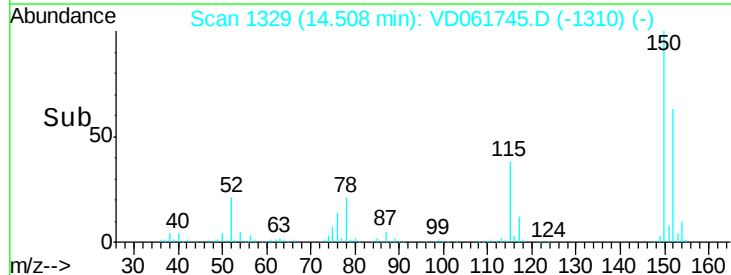
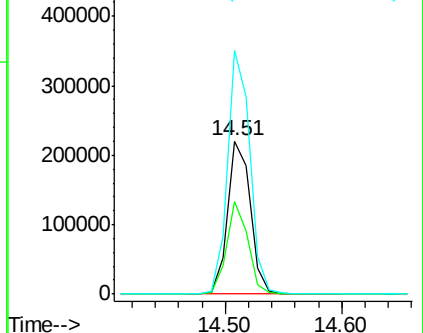
150 159.1 0.0 320.6

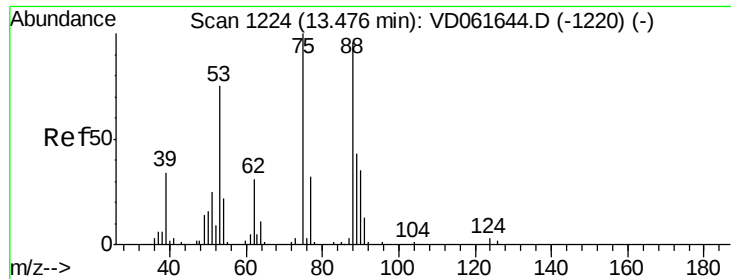


Abundance Ion 151.90 (151.60 to 152.60): V

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: 100.387 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD061745.D

Acq: 11 Apr 2019 17:11

Instrument :

MSVOA_D

ClientSampleId :

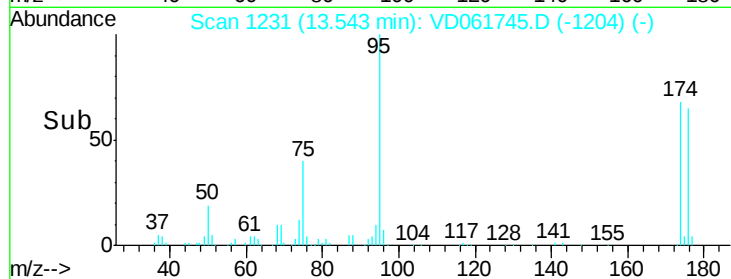
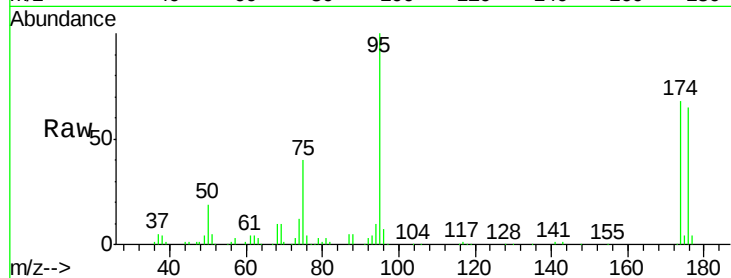
Tot Ion: 75 Resp: 123200

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

89 0.0 34.2 51.2#



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

