

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041719\
 Data File : VD061854.D
 Acq On : 17 Apr 2019 15:55
 Operator : VA/AP
 Sample : K2377-06RE
 Misc : 5.80g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-S2

Quant Time: Apr 17 16:20:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	514524	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	8.20	114	832096	50.00	ug/l	-0.06
63) Chlorobenzene-d5	12.36	117	659559	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.51	152	298618	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	168835	39.15	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	78.30%	
35) Dibromofluoromethane	6.91	113	268707	42.74	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	85.48%	
50) Toluene-d8	10.40	98	649931	43.63	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	87.26%	
62) 4-Bromofluorobenzene	13.55	95	248849	41.22	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	82.44%	

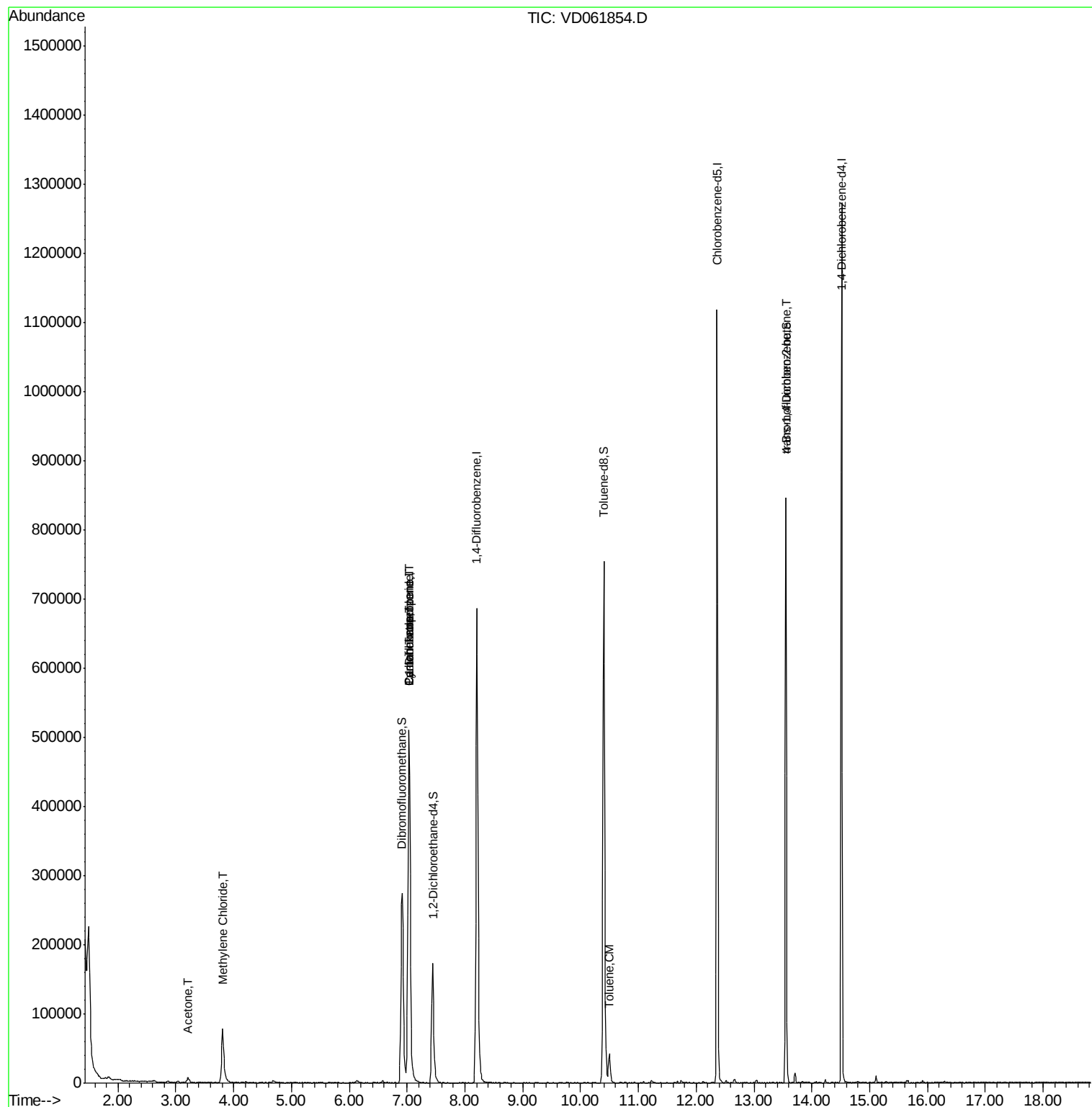
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.16	94	202	Below Cal	#	12
16) Acetone	3.20	43	15948	15.006	ug/l	97
20) Methylene Chloride	3.81	84	62971	8.074	ug/l	99
31) Cyclohexane	7.02	56	8458	1.295	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	38263	5.627	ug/l #	45
38) Carbon Tetrachloride	7.03	117	49612	5.778	ug/l #	15
52) Toluene	10.50	92	24242	2.317	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.55	75	95177	73.225	ug/l #	16

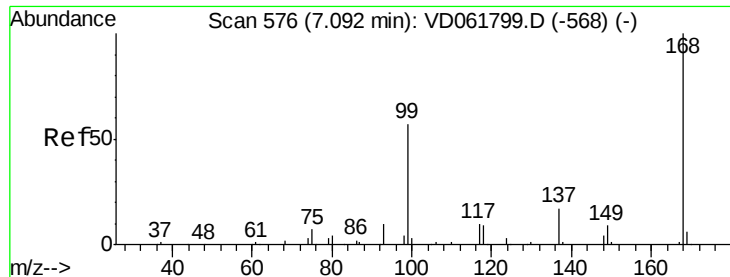
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD041719\
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Quant Time: Apr 17 16:20:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD061854.D

Acq: 17 Apr 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

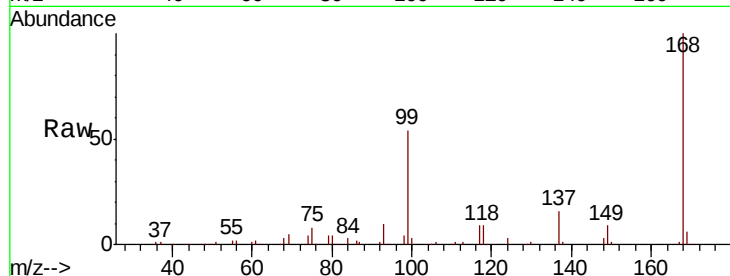
TP-12-S2

Tgt Ion:168 Resp: 514524

Ion Ratio Lower Upper

168 100

99 54.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

200000

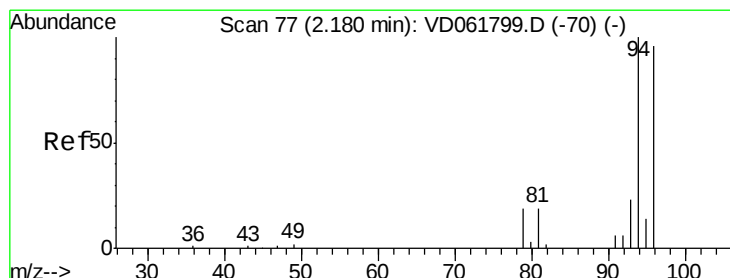
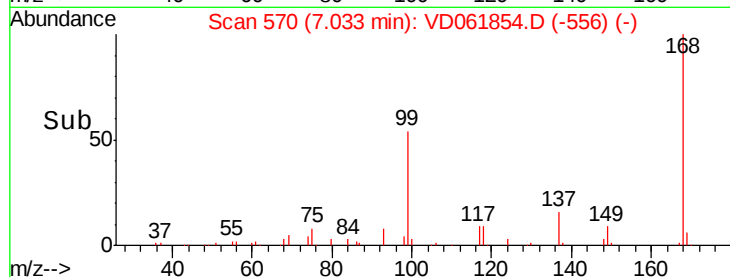
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.16 min Scan# 75

Delta R.T. -0.02 min

Lab File: VD061854.D

Acq: 17 Apr 2019 15:55

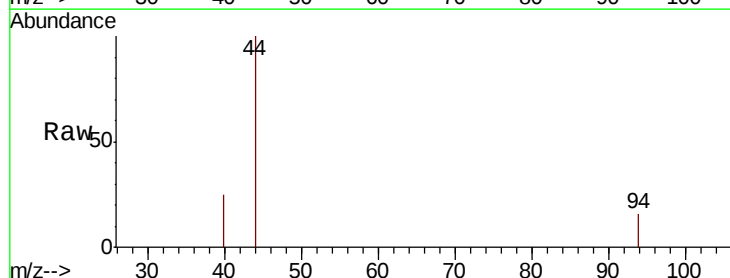
Tgt Ion: 94 Resp: 202

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

93 0.0 18.5 27.7#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

500

400

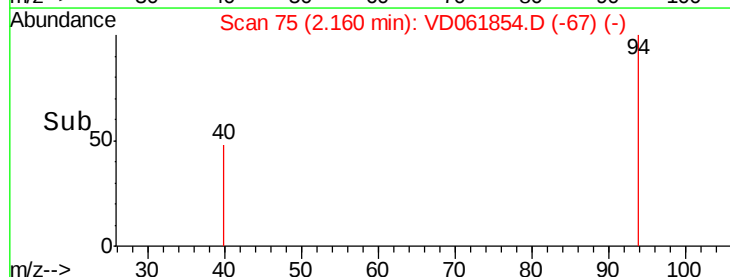
300

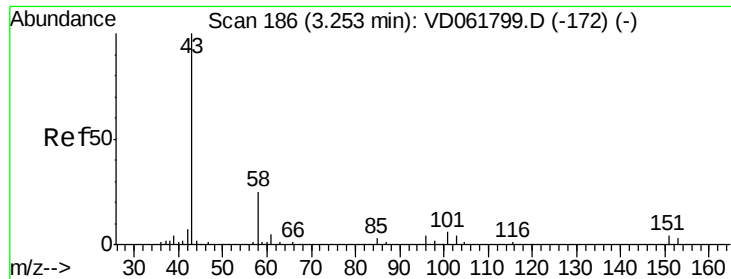
200

100

0

Time-->





#16

Acetone

Concen: 15.006 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.05 min

Lab File: VD061854.D

Acq: 17 Apr 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

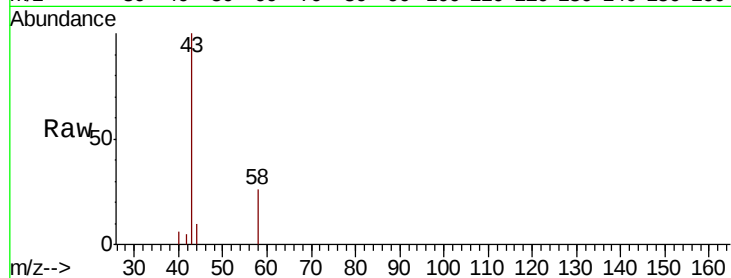
TP-12-S2

Tgt Ion: 43 Resp: 15948

Ion Ratio Lower Upper

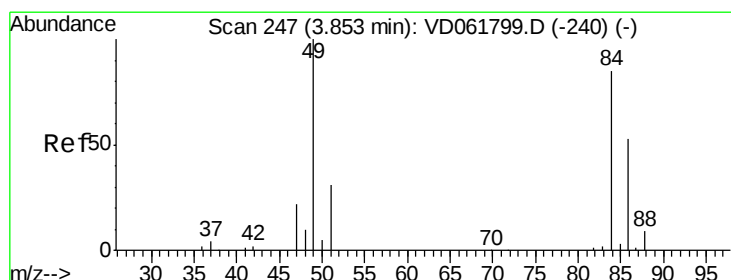
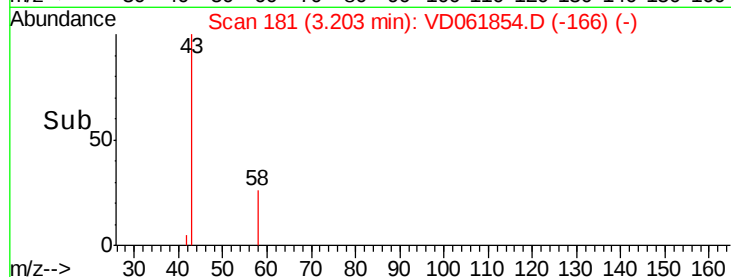
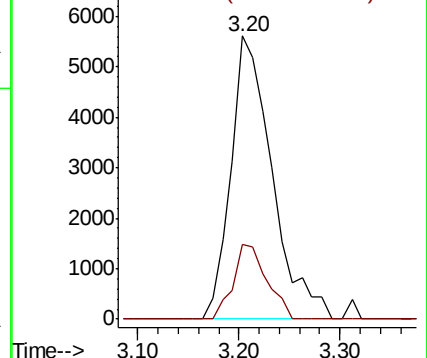
43 100

58 26.4 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 8.074 ug/l

RT: 3.81 min Scan# 243

Delta R.T. -0.04 min

Lab File: VD061854.D

Acq: 17 Apr 2019 15:55

Tgt Ion: 84 Resp: 62971

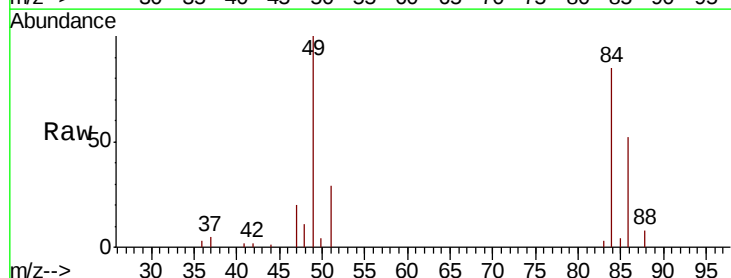
Ion Ratio Lower Upper

84 100

49 118.3 94.0 141.0

51 34.8 29.0 43.4

86 61.6 49.8 74.6

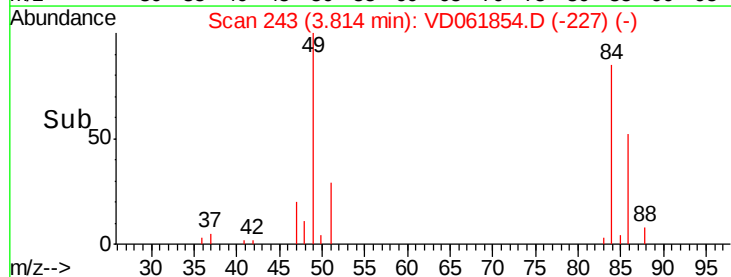
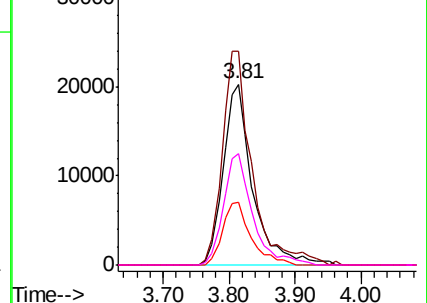


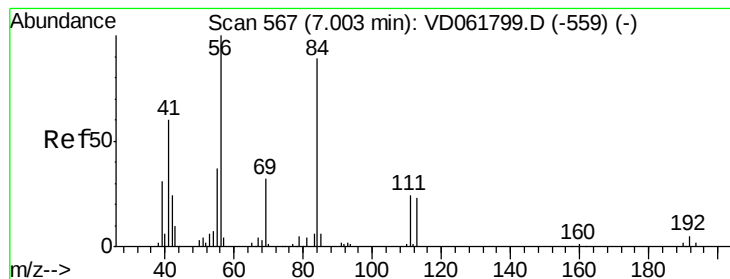
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#31

Cyclohexane

Concen: 1.295 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.02 min

Lab File: VD061854.D

Acq: 17 Apr 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

TP-12-S2

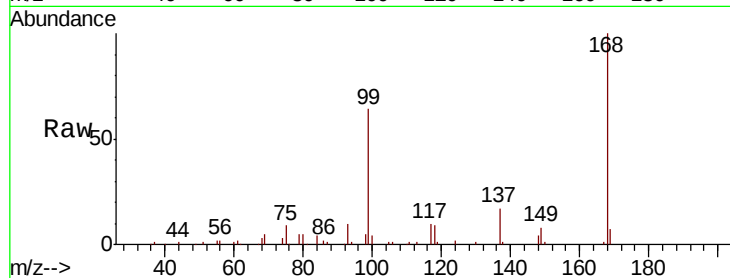
Tgt Ion: 56 Resp: 8458

Ion Ratio Lower Upper

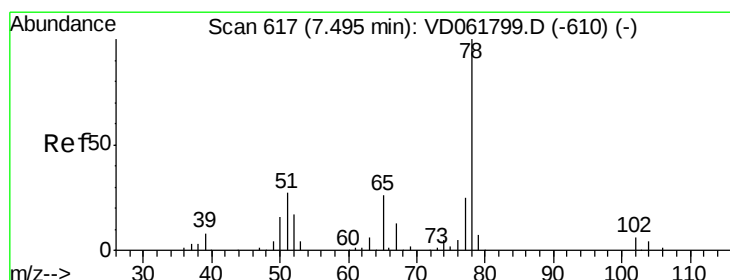
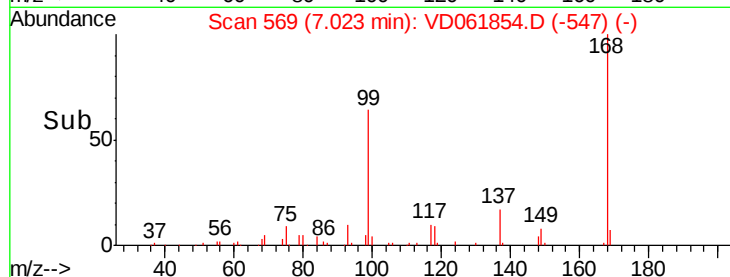
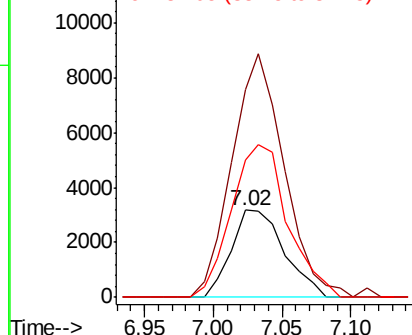
56 100

69 238.5 25.8 38.6#

84 157.6 72.2 108.4#



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: 7.45 min Scan# 612

Delta R.T. -0.05 min

Lab File: VD061854.D

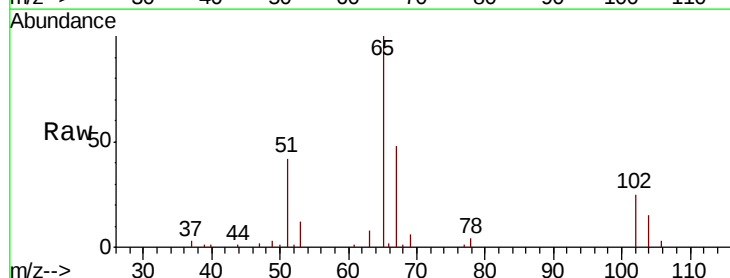
Acq: 17 Apr 2019 15:55

Tgt Ion: 65 Resp: 168835

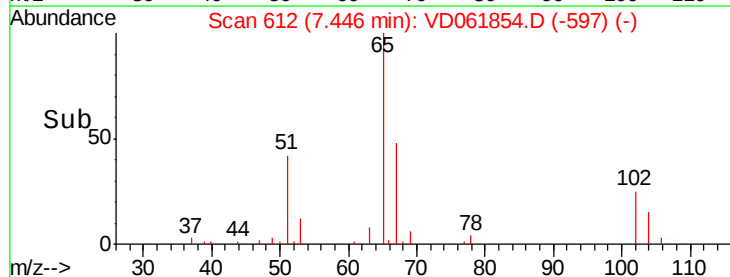
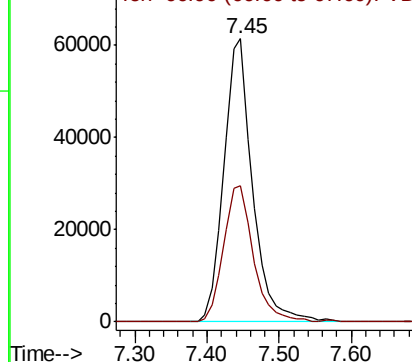
Ion Ratio Lower Upper

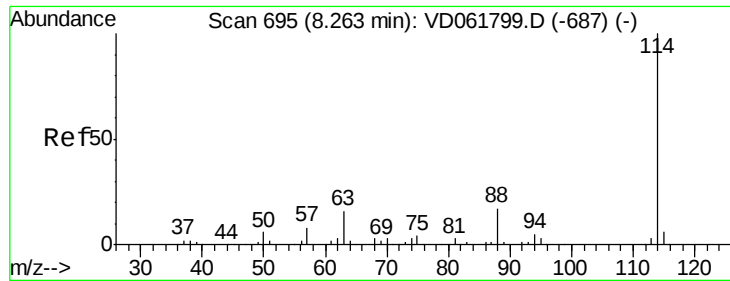
65 100

67 48.2 0.0 98.0



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

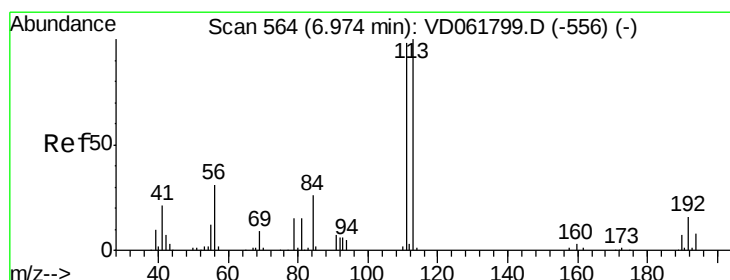
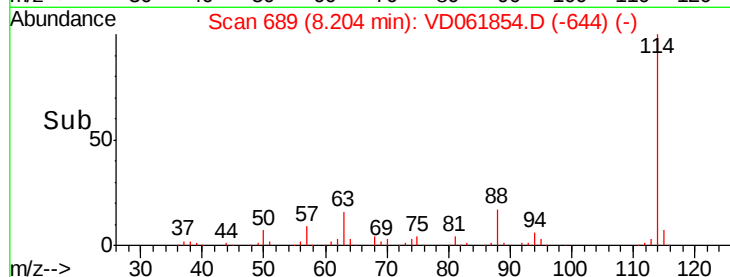
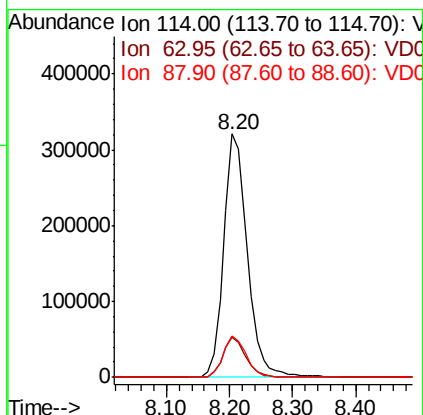
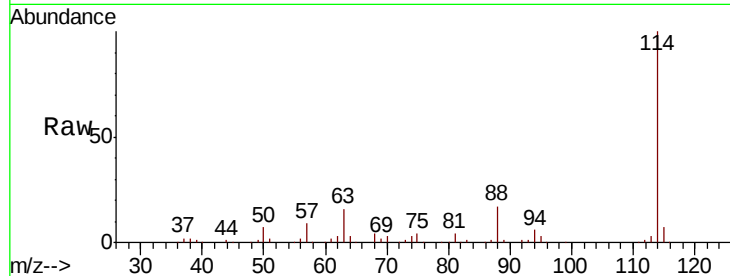




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.06 min
 Lab File: VD061854.D
 Acq: 17 Apr 2019 15:55

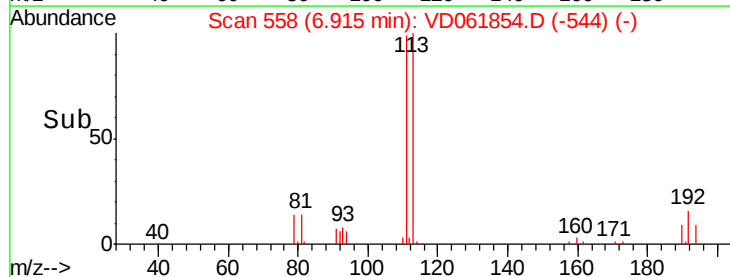
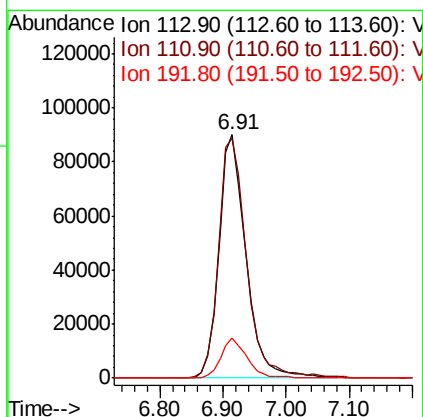
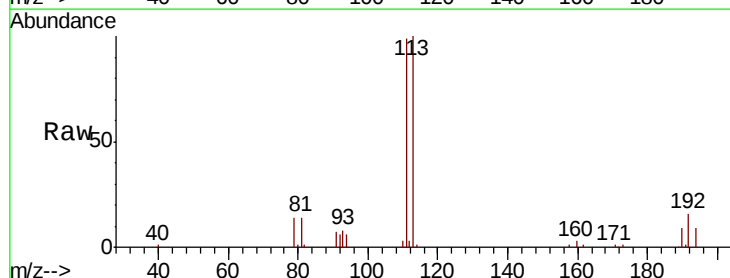
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-S2

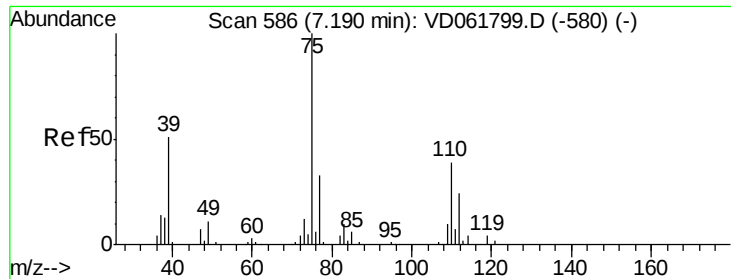
Tgt Ion:114 Resp: 832096
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 32.4
 88 17.0 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.06 min
 Lab File: VD061854.D
 Acq: 17 Apr 2019 15:55

Tgt Ion:113 Resp: 268707
 Ion Ratio Lower Upper
 113 100
 111 98.5 78.5 117.7
 192 16.3 13.0 19.4

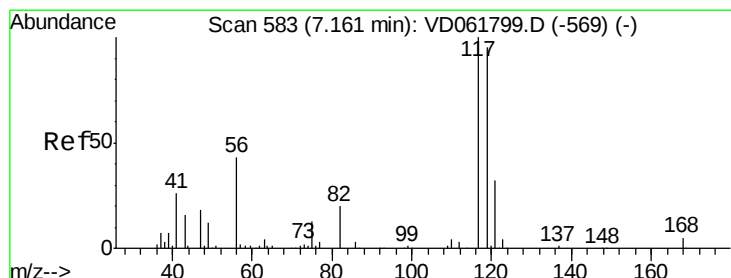
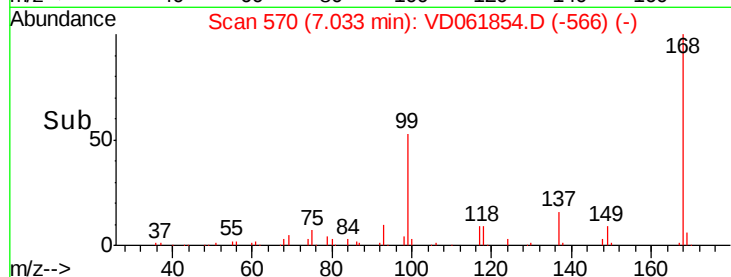
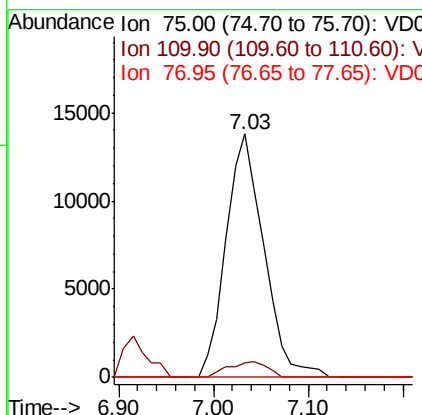
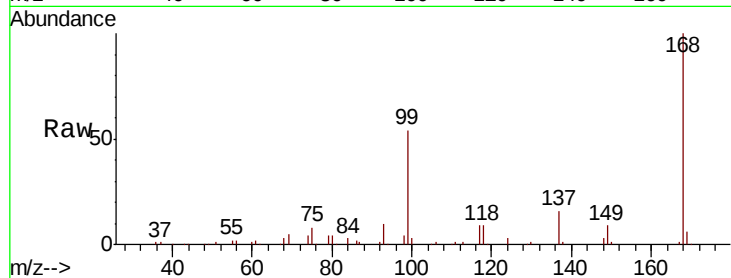




#36
 1,1-Dichloropropene
 Concen: 5.627 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.16 min
 Lab File: VD061854.D
 Acq: 17 Apr 2019 15:55

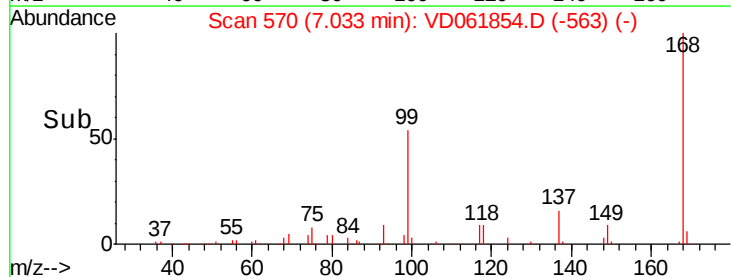
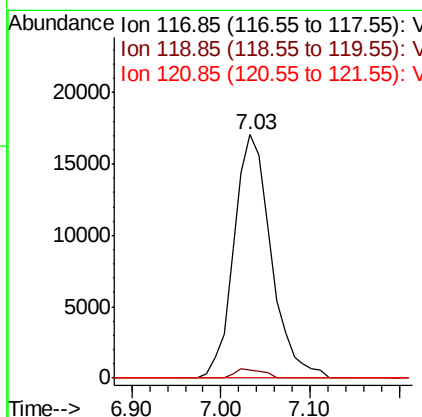
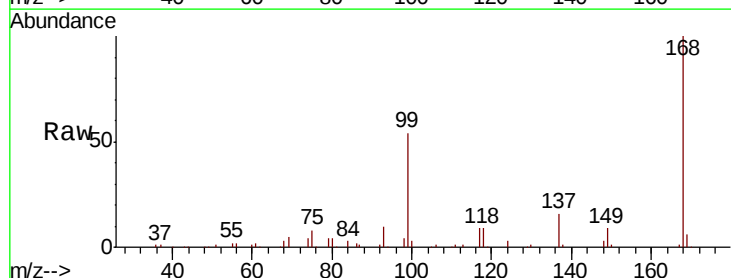
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-S2

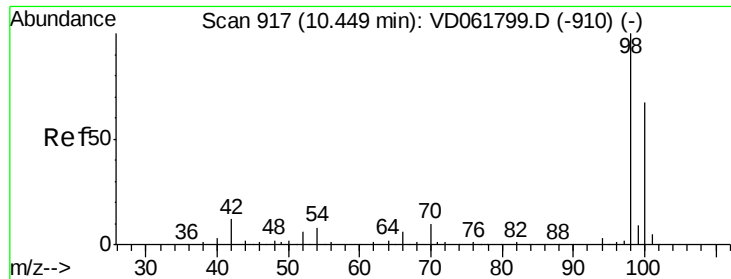
Tgt Ion: 75 Resp: 38263
 Ion Ratio Lower Upper
 75 100
 110 6.0 19.1 57.1#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 5.778 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.13 min
 Lab File: VD061854.D
 Acq: 17 Apr 2019 15:55

Tgt Ion: 117 Resp: 49612
 Ion Ratio Lower Upper
 117 100
 119 3.2 75.8 113.8#
 121 0.0 25.9 38.9#

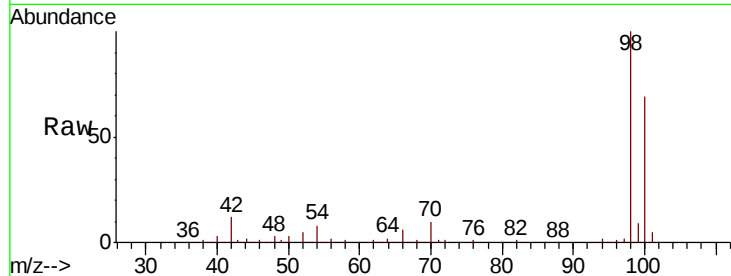




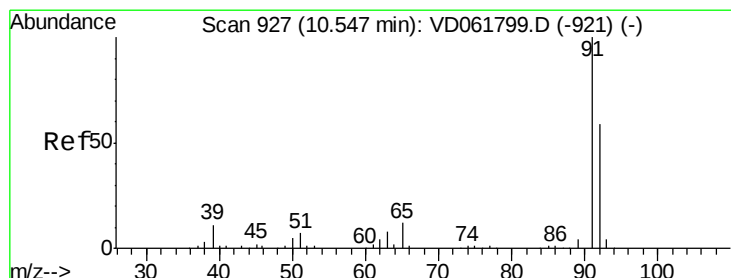
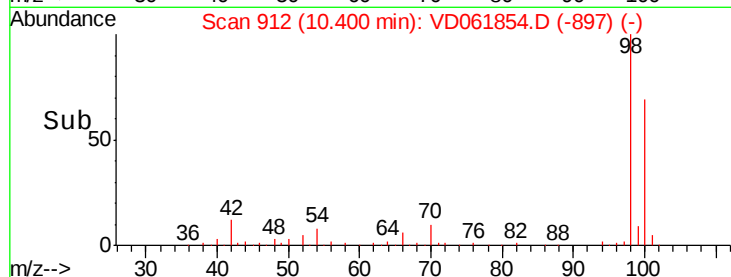
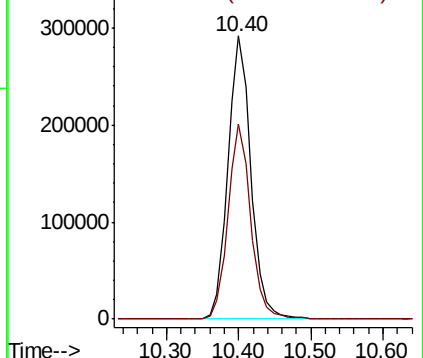
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.05 min
Lab File: VD061854.D
Acq: 17 Apr 2019 15:55

Instrument :
MSVOA_D
ClientSampleId :
TP-12-S2

Tgt Ion: 98 Resp: 649931
Ion Ratio Lower Upper
98 100
100 69.1 53.8 80.8

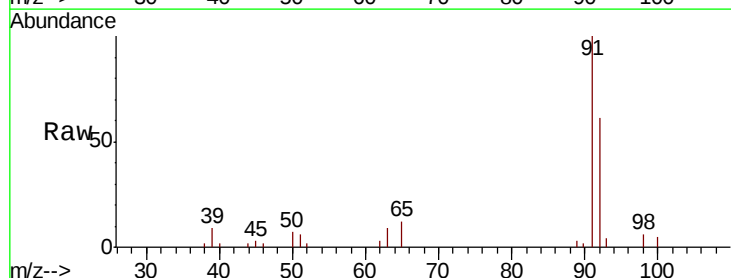


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

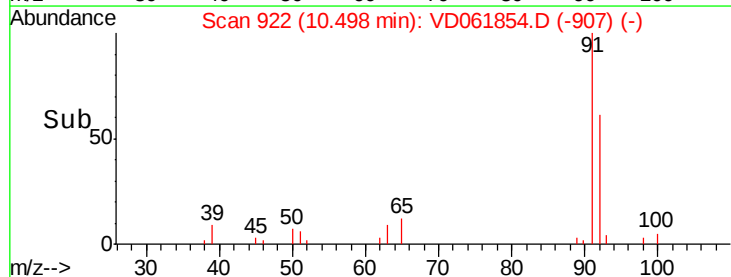
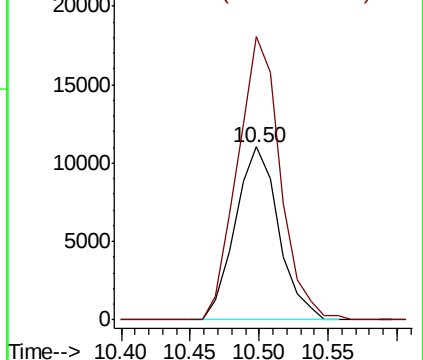


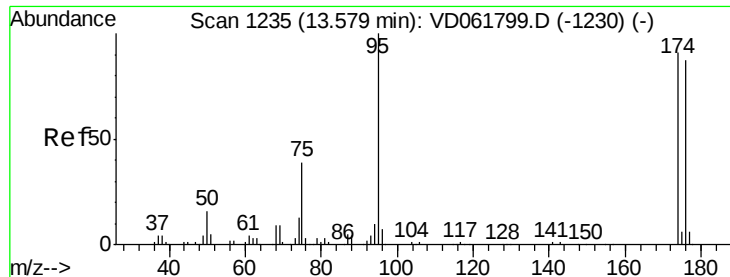
#52
Toluene
Concen: 2.317 ug/l
RT: 10.50 min Scan# 922
Delta R.T. -0.05 min
Lab File: VD061854.D
Acq: 17 Apr 2019 15:55

Tgt Ion: 92 Resp: 24242
Ion Ratio Lower Upper
92 100
91 163.4 136.6 204.8



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: 13.55 min Scan# 1232

Delta R.T. -0.03 min

Lab File: VD061854.D

Acq: 17 Apr 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

TP-12-S2

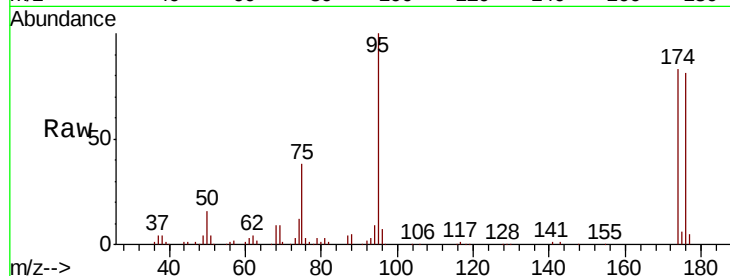
Tgt Ion: 95 Resp: 248849

Ion Ratio Lower Upper

95 100

174 82.7 0.0 181.8

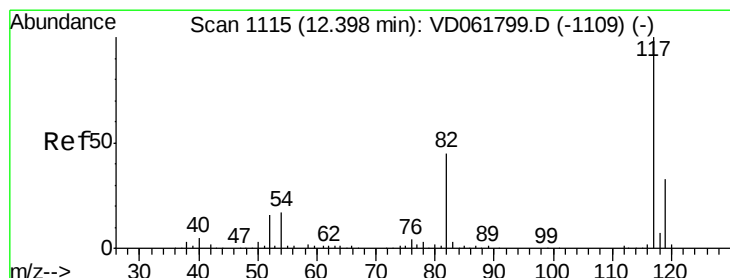
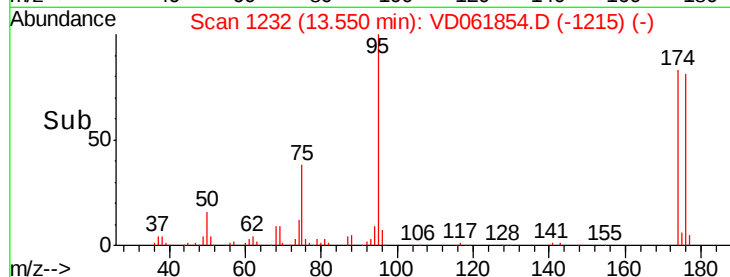
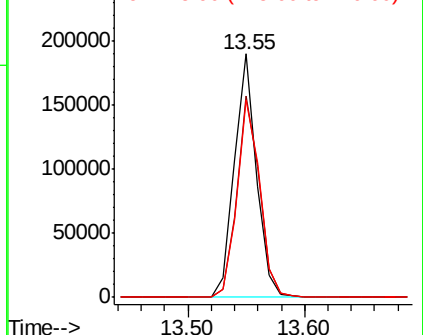
176 81.3 0.0 174.4



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: 12.36 min Scan# 1111

Delta R.T. -0.04 min

Lab File: VD061854.D

Acq: 17 Apr 2019 15:55

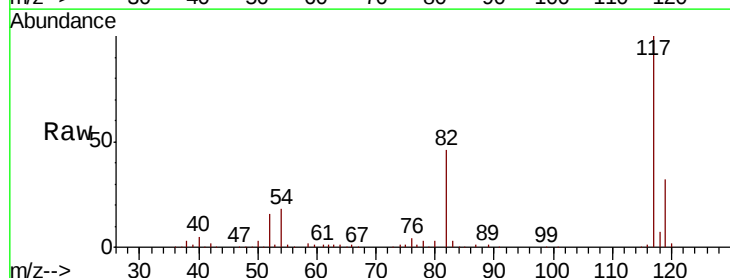
Tgt Ion: 117 Resp: 659559

Ion Ratio Lower Upper

117 100

82 46.4 36.2 54.2

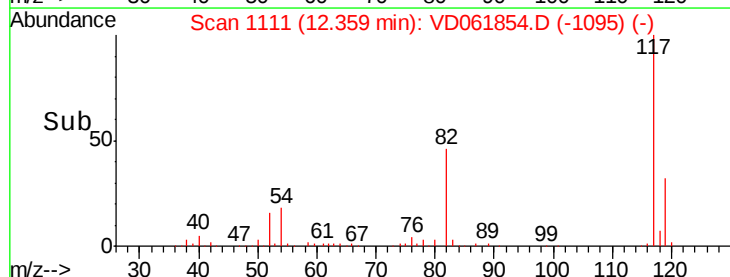
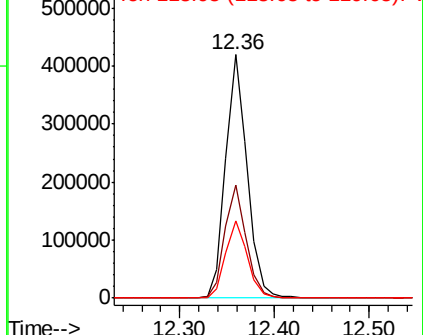
119 31.9 26.2 39.4

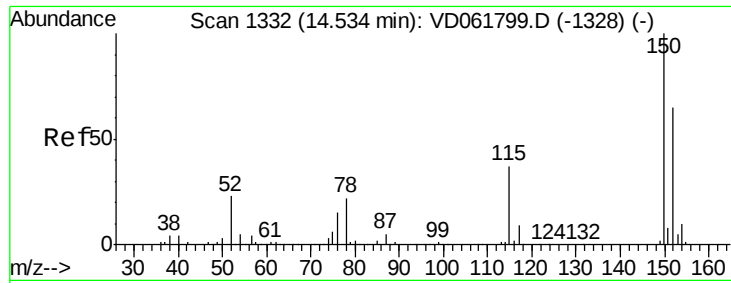


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.02 min

Lab File: VD061854.D

Acq: 17 Apr 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

TP-12-S2

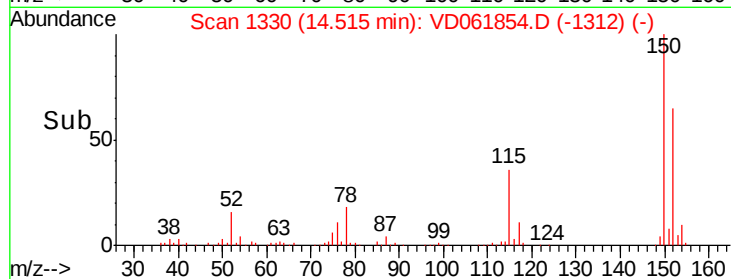
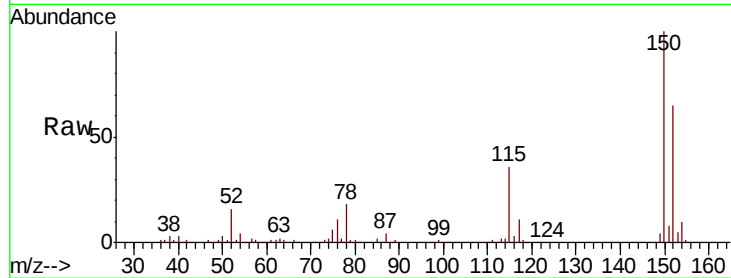
Tgt Ion:152 Resp: 298618

Ion Ratio Lower Upper

152 100

115 54.7 30.9 92.7

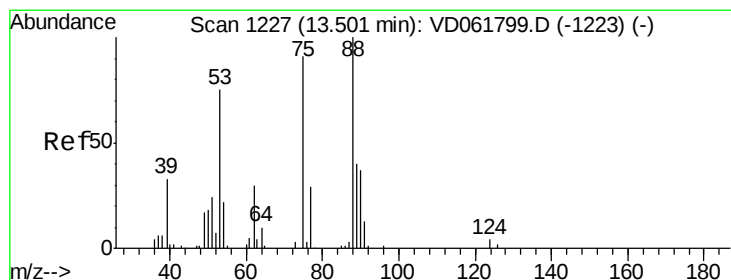
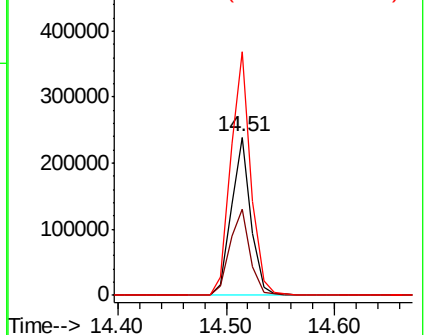
150 154.0 0.0 314.8



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



#81

trans-1,4-Dichloro-2-butene

Concen: 73.225 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.05 min

Lab File: VD061854.D

Acq: 17 Apr 2019 15:55

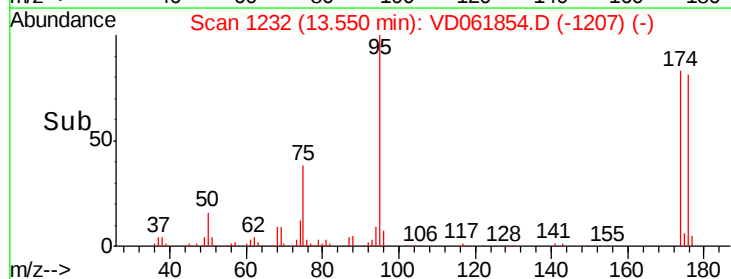
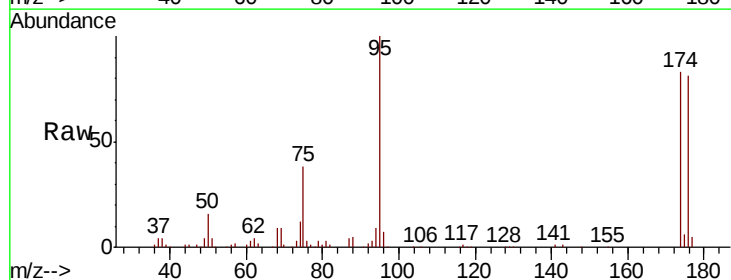
Tgt Ion: 75 Resp: 95177

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

