

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD032818\
 Data File : VD057008.D
 Acq On : 28 Mar 2018 18:10
 Operator : JC/SY
 Sample : J2075-04RE
 Misc : 12.71g/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103(14-15)

Quant Time: Mar 29 05:53:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D031518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 13:41:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.17	168	417280	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.30	114	734805	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.48	117	552611	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.84	152	210626	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.58	65	217632	46.75	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	93.50%	
35) Dibromofluoromethane	6.07	113	250643	48.04	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	9.49	98	666359	41.51	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	83.02%	
62) 4-Bromofluorobenzene	12.77	95	255362	36.38	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	72.76%	

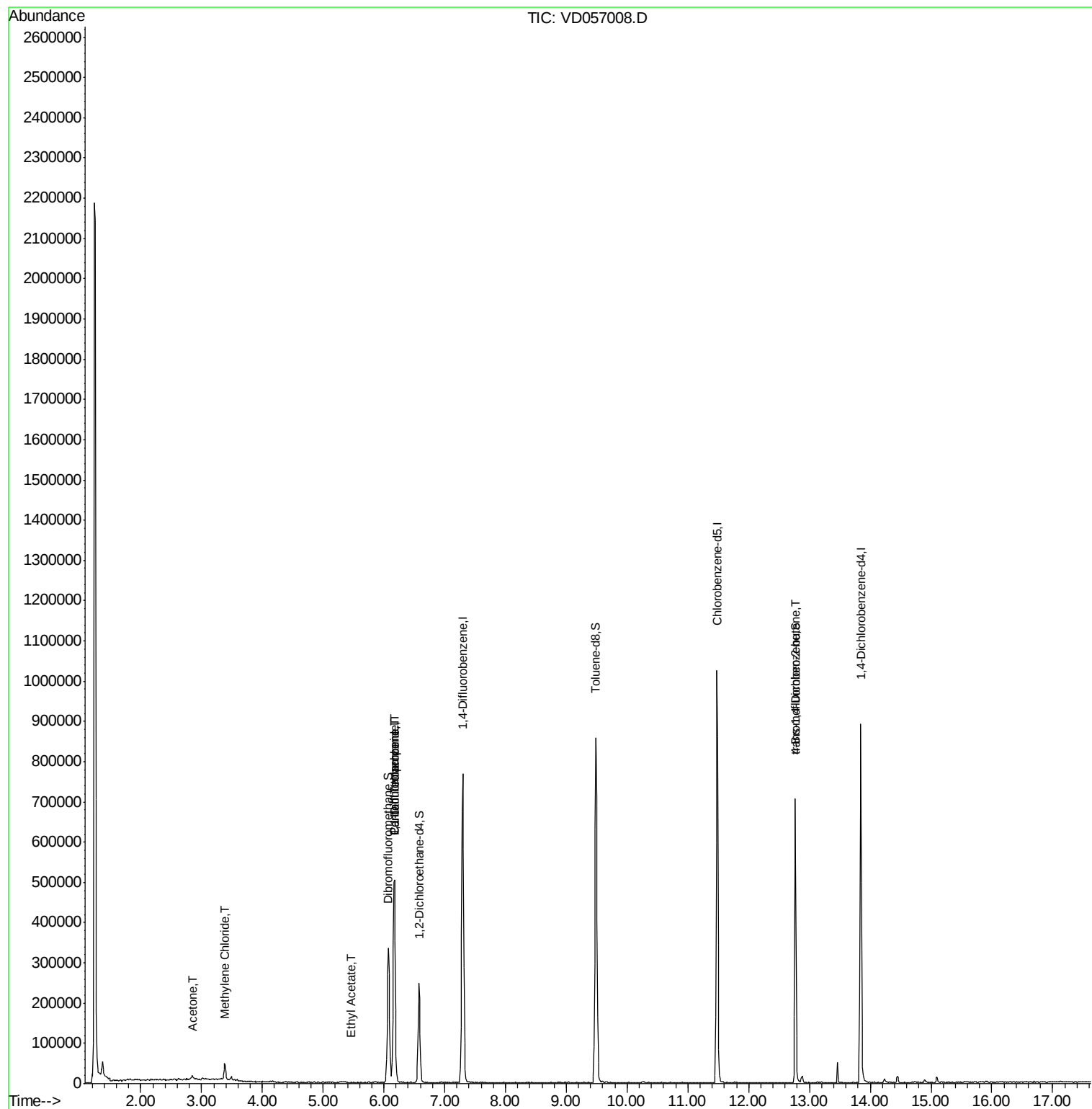
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.68	56	179	Below Cal	#	1
16) Acetone	2.85	43	12594	17.68	ug/l	93
18) Methyl Acetate	3.25	43	669	Below Cal	#	57
20) Methylene Chloride	3.38	84	15682	2.85	ug/l	98
31) Cyclohexane	6.16	56	12187	Below Cal	#	1
36) 1,1-Dichloropropene	6.16	75	41637	5.18	ug/l	49
37) Ethyl Acetate	5.46	43	385	1.64	ug/l	70
38) Carbon Tetrachloride	6.17	117	40668	5.89	ug/l	15
81) trans-1,4-Dichloro-2-buten	12.77	75	120690	104.69	ug/l	18

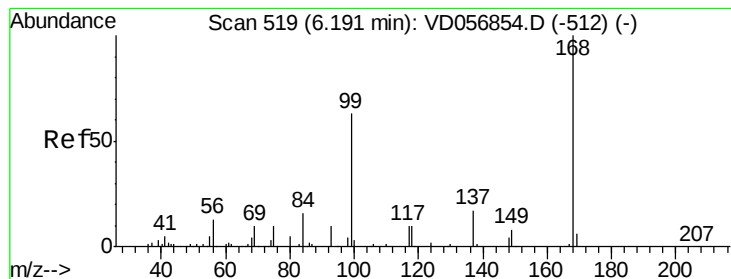
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 15 13:41:11 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.17 min Scan# 517

Delta R.T. -0.03 min

Lab File: VD057008.D

Acq: 28 Mar 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

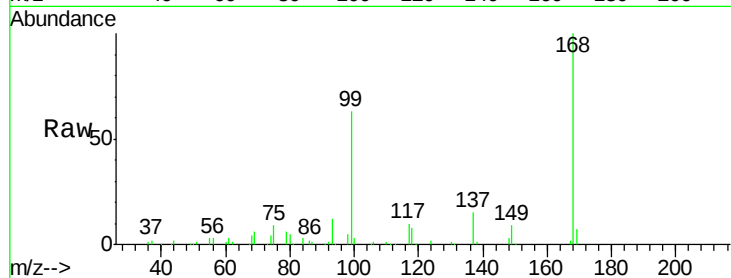
MW-103(14-15)

Tgt Ion:168 Resp: 417280

Ion Ratio Lower Upper

168 100

99 63.1 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.17

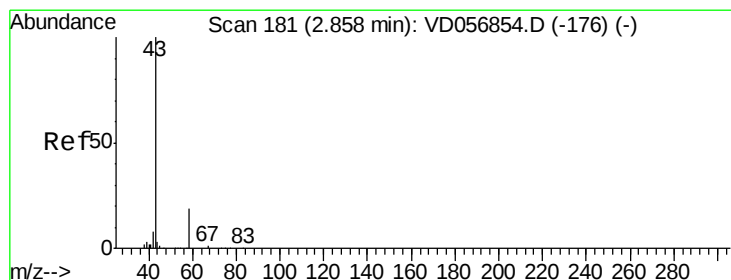
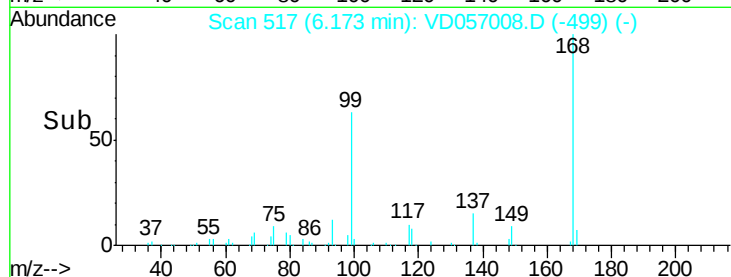
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.68 ug/l

RT: 2.85 min Scan# 180

Delta R.T. -0.02 min

Lab File: VD057008.D

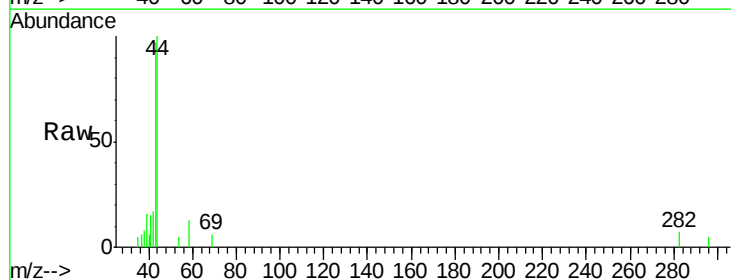
Acq: 28 Mar 2018 18:10

Tgt Ion: 43 Resp: 12594

Ion Ratio Lower Upper

43 100

58 13.9 13.6 20.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.85

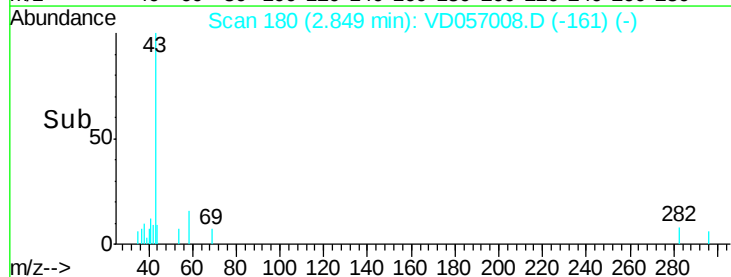
6000

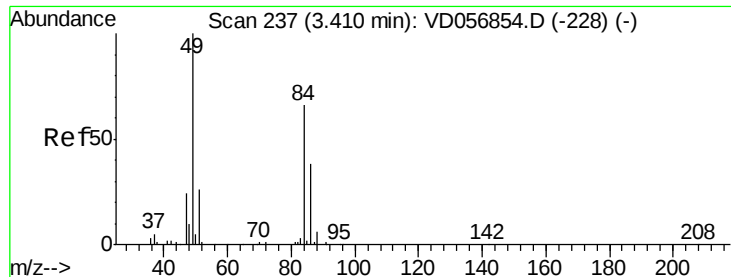
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Time-->

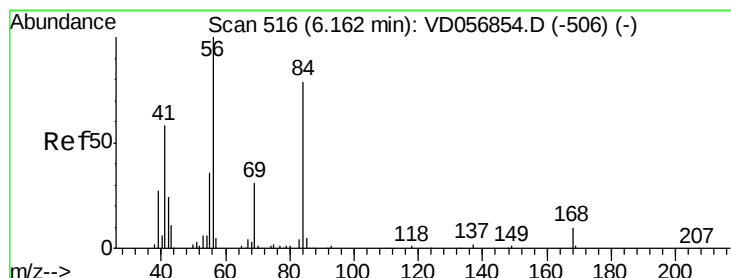
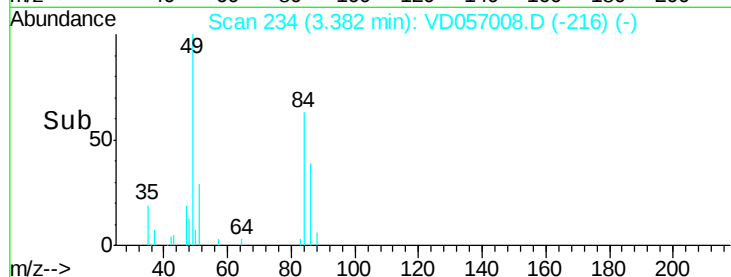
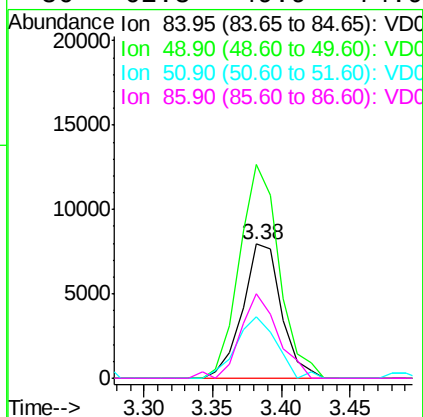
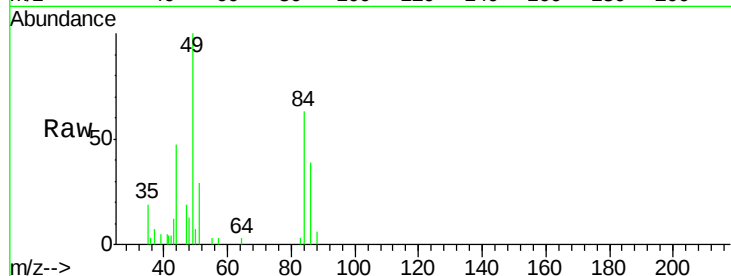




#20
Methylene Chloride
Concen: 2.85 ug/l
RT: 3.38 min Scan# 234
Delta R.T. -0.03 min
Lab File: VD057008.D
Acq: 28 Mar 2018 18:10

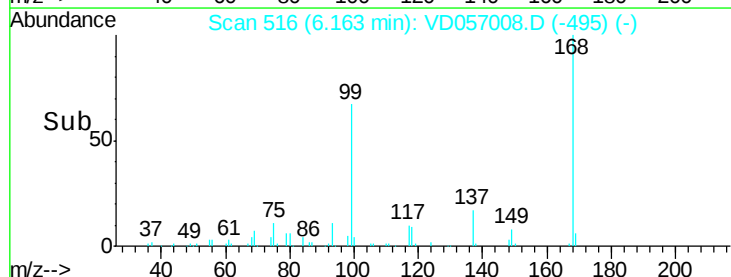
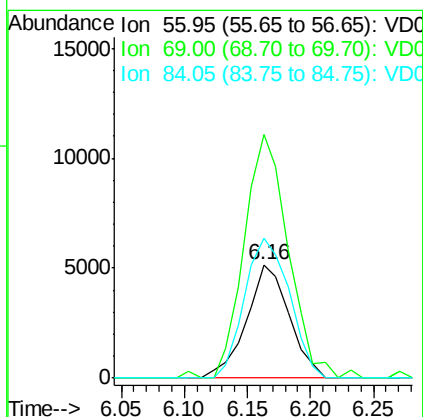
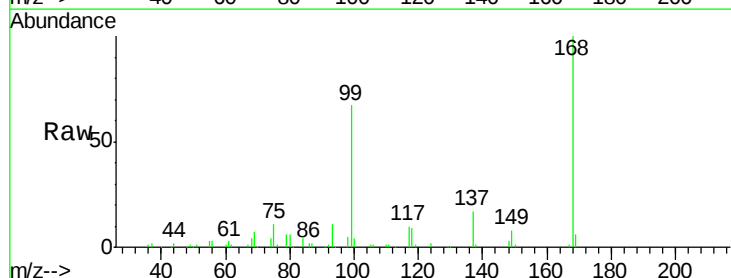
Instrument :
MSVOA_X
ClientSampleId :
MW-103(14-15)

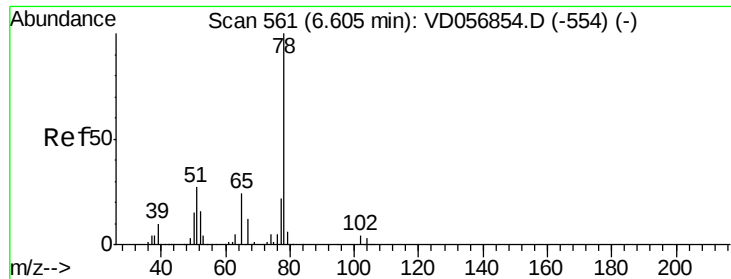
Tgt Ion:	84	Resp:	15682
Ion	Ratio	Lower	Upper
84	100		
49	159.1	124.5	186.7
51	45.4	35.1	52.7
86	62.8	49.9	74.9



#31
Cyclohexane
Concen: Below Cal
RT: 6.16 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD057008.D
Acq: 28 Mar 2018 18:10

Tgt Ion:	56	Resp:	12187
Ion	Ratio	Lower	Upper
56	100		
69	214.3	23.1	34.7#
84	123.0	60.2	90.2#

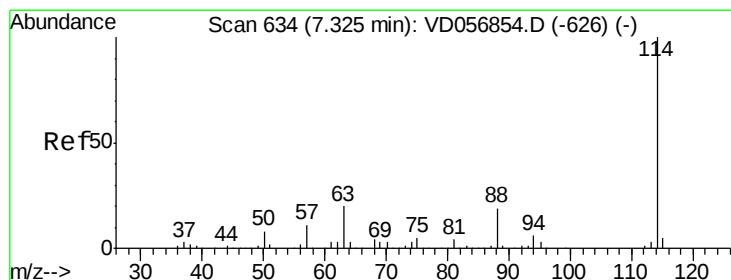
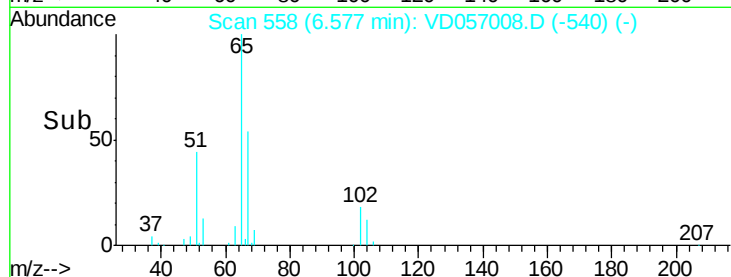
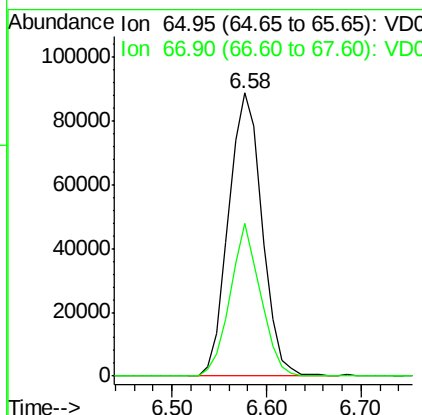
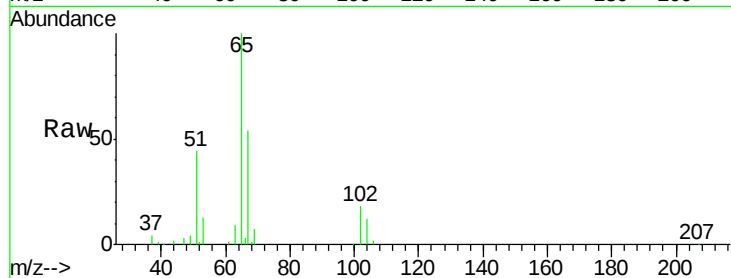




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.58 min Scan# 558
 Delta R.T. -0.03 min
 Lab File: VD057008.D
 Acq: 28 Mar 2018 18:10

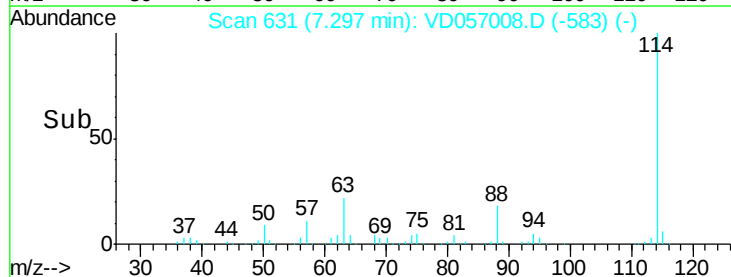
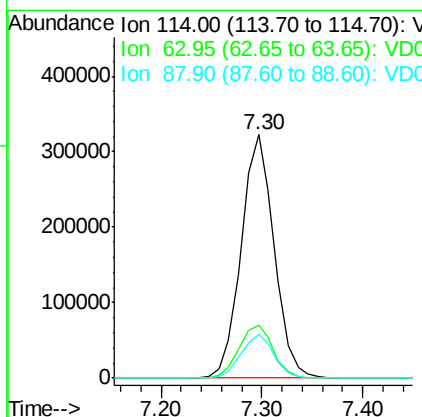
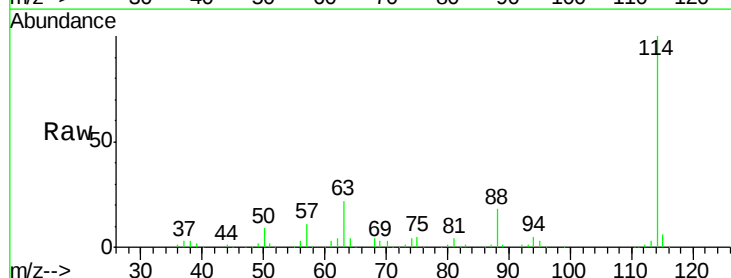
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103(14-15)

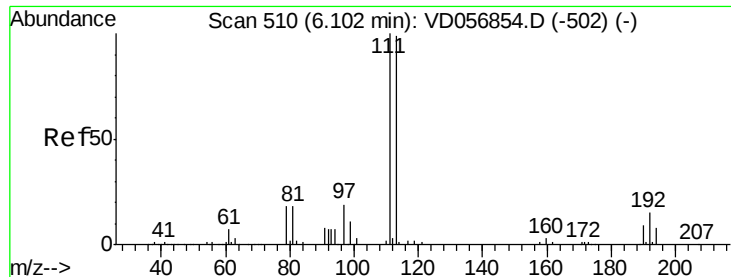
Tgt Ion: 65 Resp: 217632
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: VD057008.D
 Acq: 28 Mar 2018 18:10

Tgt Ion: 114 Resp: 734805
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.6
 88 18.0 0.0 35.2





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.07 min Scan# 507

Delta R.T. -0.03 min

Lab File: VD057008.D

Acq: 28 Mar 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

MW-103(14-15)

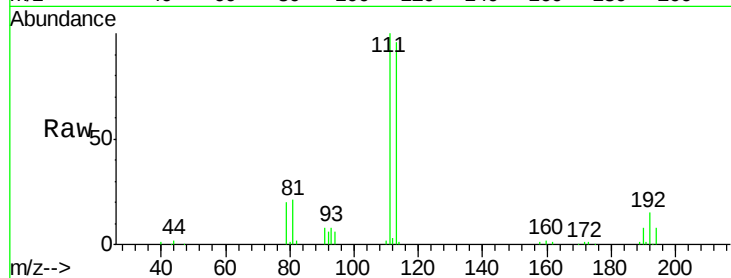
Tgt Ion:113 Resp: 250643

Ion Ratio Lower Upper

113 100

111 104.4 81.5 122.3

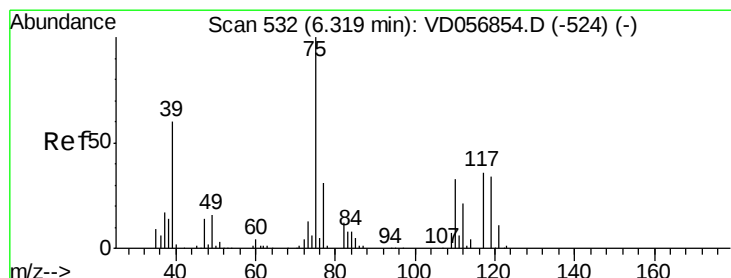
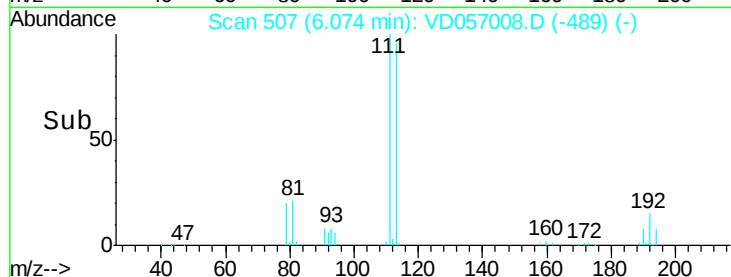
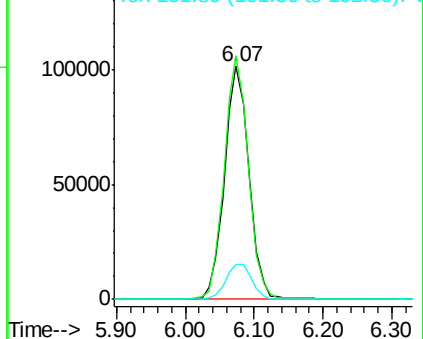
192 15.3 12.6 19.0



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: 5.18 ug/l

RT: 6.16 min Scan# 516

Delta R.T. -0.15 min

Lab File: VD057008.D

Acq: 28 Mar 2018 18:10

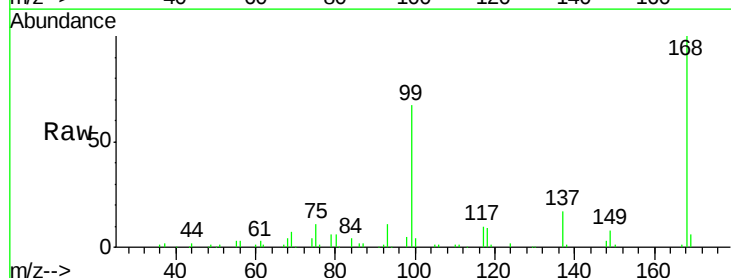
Tgt Ion: 75 Resp: 41637

Ion Ratio Lower Upper

75 100

110 5.3 15.9 47.6#

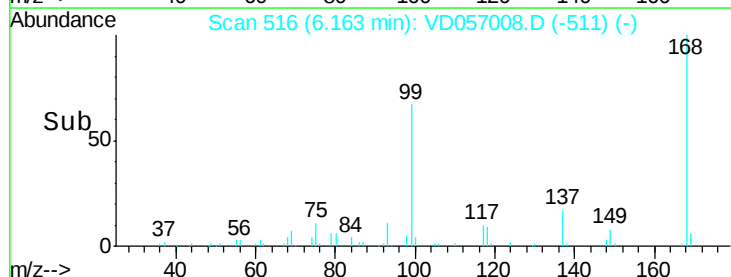
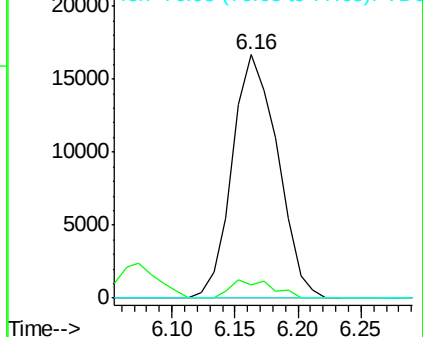
77 0.0 23.8 35.6#

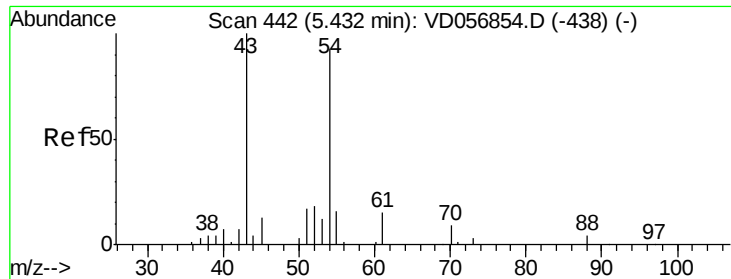


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

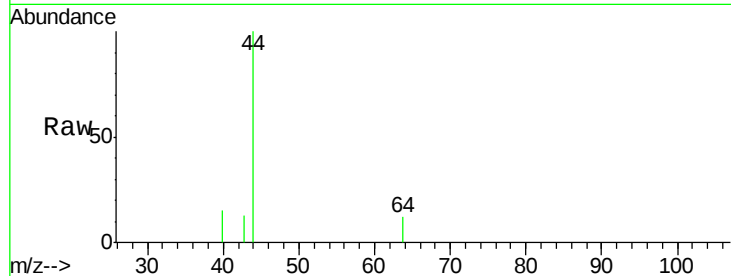




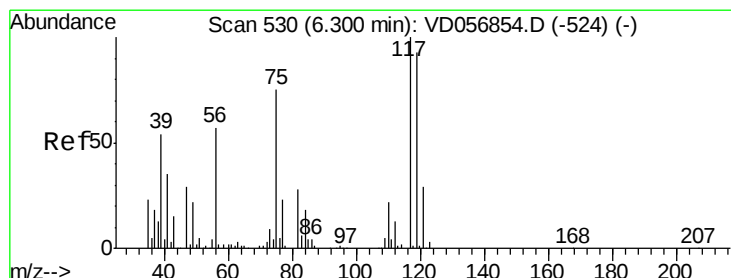
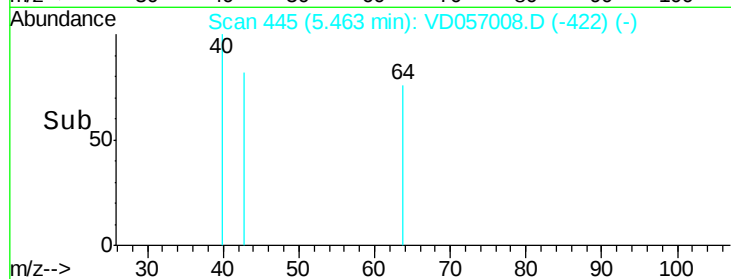
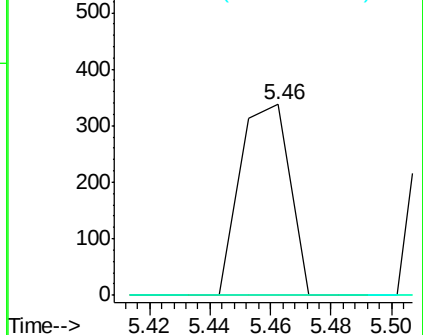
#37
Ethyl Acetate
Concen: 1.64 ug/l
RT: 5.46 min Scan# 445
Delta R.T. 0.02 min
Lab File: VD057008.D
Acq: 28 Mar 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
MW-103(14-15)

Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
61 0.0 10.0 15.0#
70 0.0 7.9 11.9#

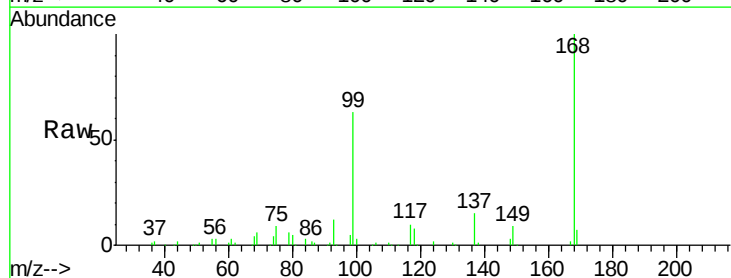


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

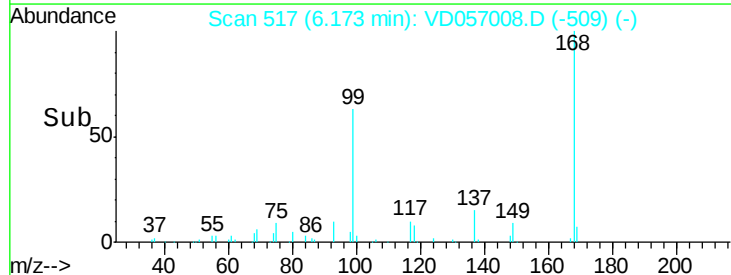
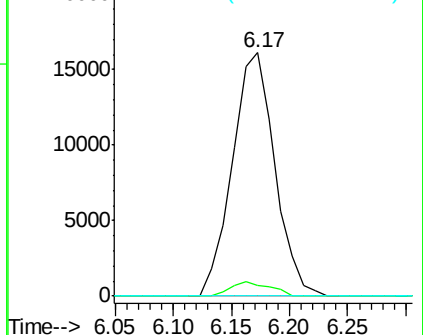


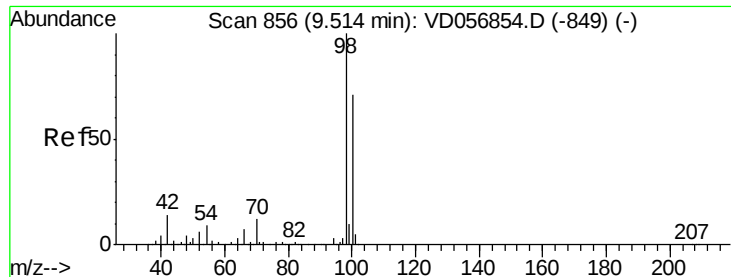
#38
Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 6.17 min Scan# 517
Delta R.T. -0.12 min
Lab File: VD057008.D
Acq: 28 Mar 2018 18:10

Tgt Ion: 117 Resp: 40668
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.6 37.0#



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

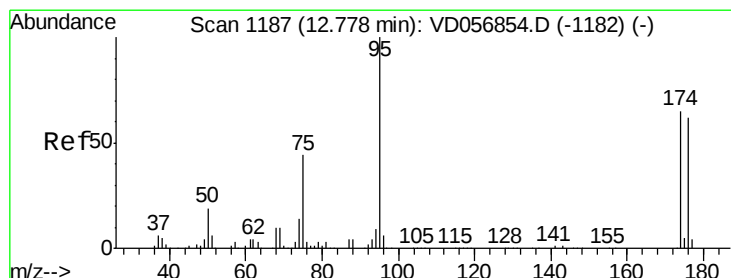
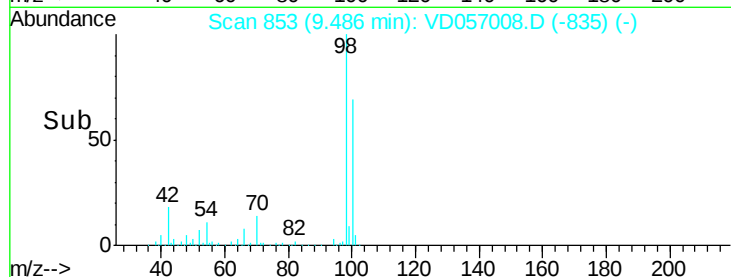
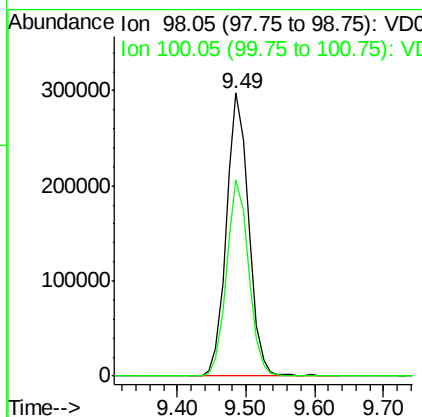
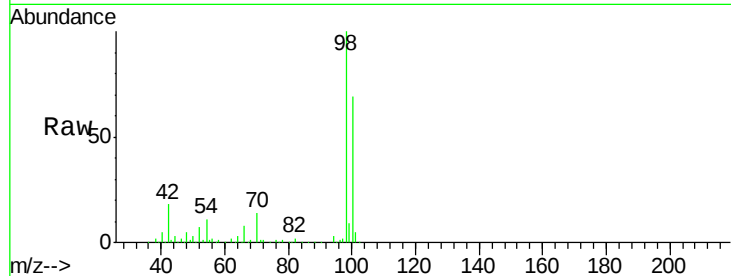




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: VD057008.D
Acq: 28 Mar 2018 18:10

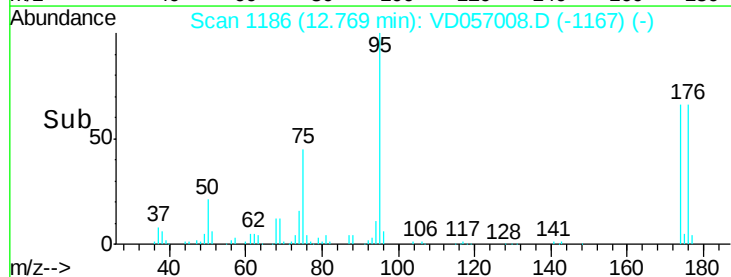
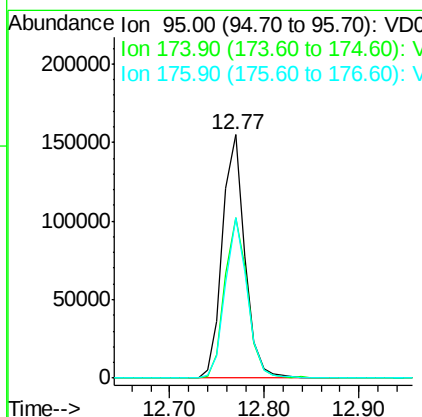
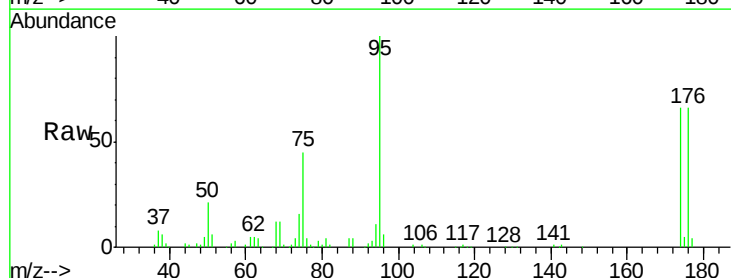
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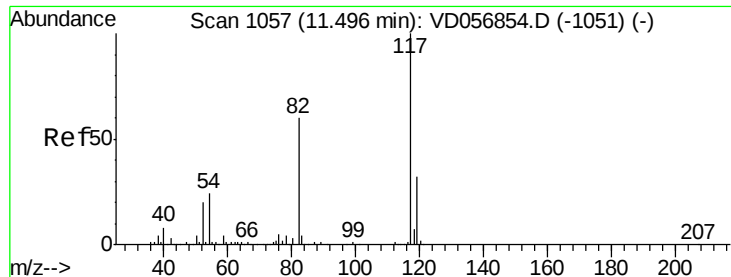
Tgt Ion: 98 Resp: 666359
Ion Ratio Lower Upper
98 100
100 69.5 56.2 84.4



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.77 min Scan# 1186
Delta R.T. -0.02 min
Lab File: VD057008.D
Acq: 28 Mar 2018 18:10

Tgt Ion: 95 Resp: 255362
Ion Ratio Lower Upper
95 100
174 65.8 0.0 143.6
176 66.0 0.0 141.2

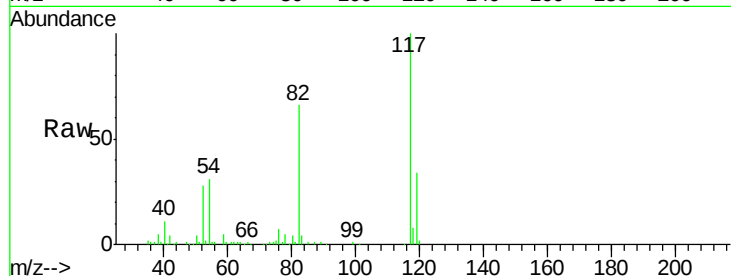




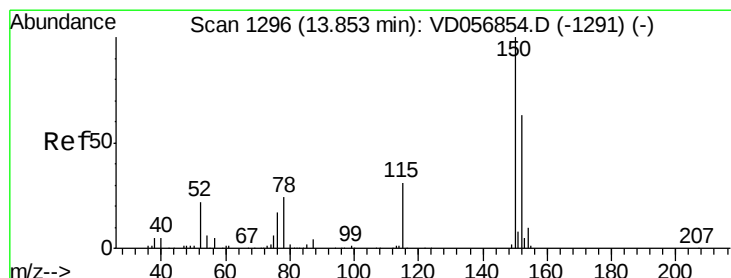
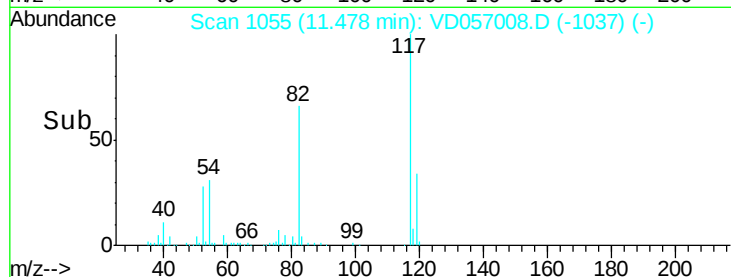
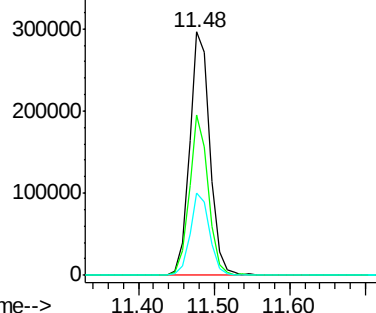
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.48 min Scan# 1055
Delta R.T. -0.03 min
Lab File: VD057008.D
Acq: 28 Mar 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
MW-103(14-15)

Tgt Ion:117 Resp: 552611
Ion Ratio Lower Upper
117 100
82 66.1 46.2 69.4
119 33.6 25.8 38.6

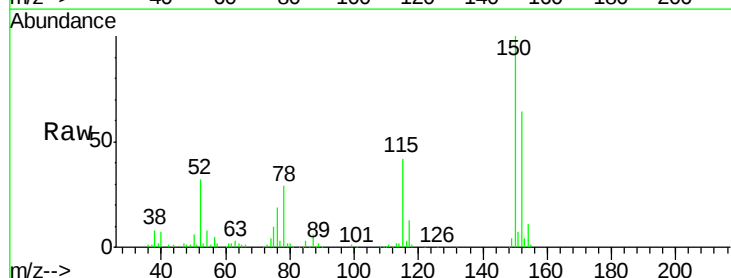


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

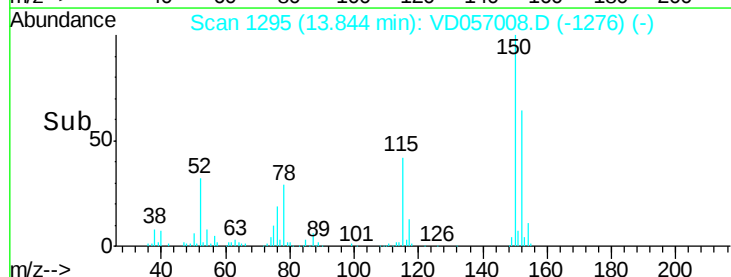
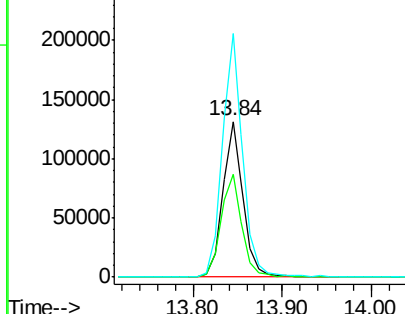


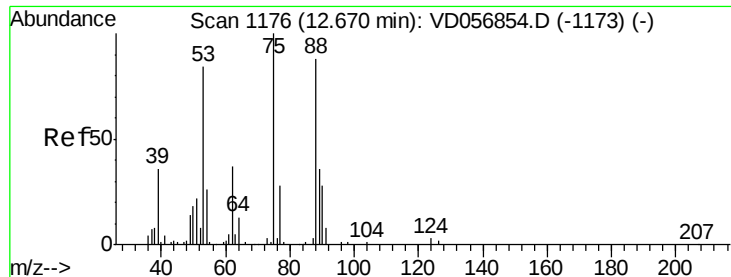
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.84 min Scan# 1295
Delta R.T. -0.02 min
Lab File: VD057008.D
Acq: 28 Mar 2018 18:10

Tgt Ion:152 Resp: 210626
Ion Ratio Lower Upper
152 100
115 65.7 31.2 93.6
150 156.5 0.0 334.8



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: 104.69 ug/l

RT: 12.77 min Scan# 1186

Delta R.T. 0.09 min

Lab File: VD057008.D

Acq: 28 Mar 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

MW-103(14-15)

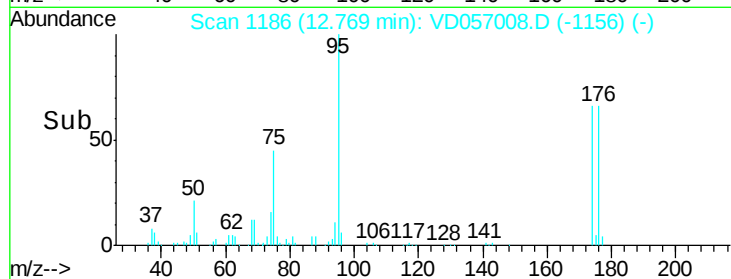
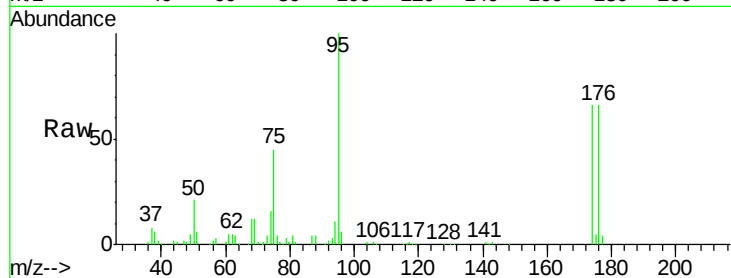
Tgt Ion: 75 Resp: 120690

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 31.6 47.4#



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

