

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060255.D
 Acq On : 31 Oct 2018 21:34
 Operator : VA/AP
 Sample : J5737-03
 Misc : 4.17g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B

Quant Time: Oct 31 23:56:10 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

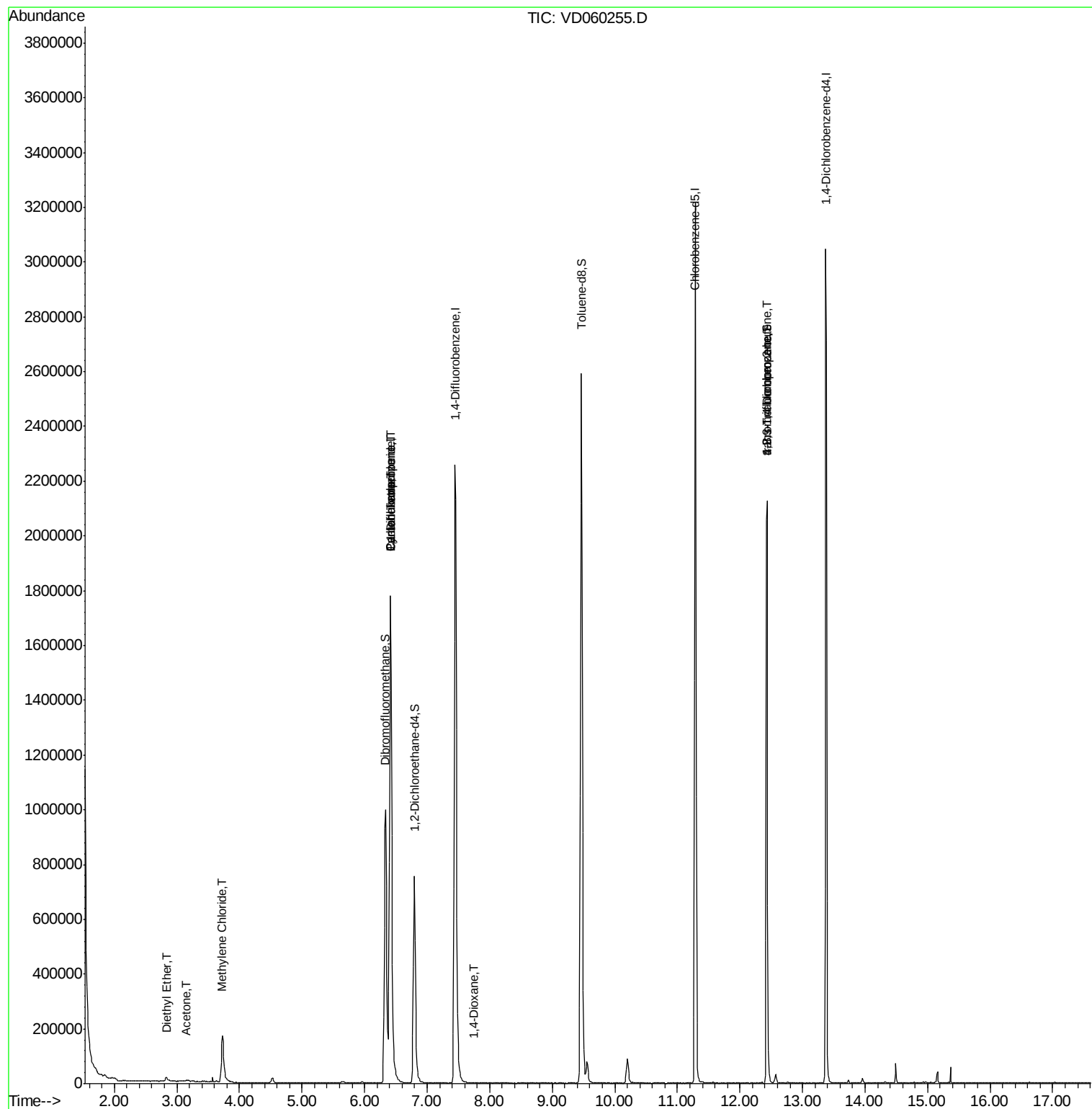
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1721579	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	2468552	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.28	117	1823490	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	750732	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	621061	47.59	ug/l	0.04
Spiked Amount 50.000			Recovery	=	95.18%	
35) Dibromofluoromethane	6.33	113	782246	41.73	ug/l	0.04
Spiked Amount 50.000			Recovery	=	83.46%	
50) Toluene-d8	9.46	98	2061797	38.57	ug/l	0.03
Spiked Amount 50.000			Recovery	=	77.14%	
62) 4-Bromofluorobenzene	12.43	95	661196	33.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.08%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.83	74	5058	1.719	ug/l	86
16) Acetone	3.16	43	7332	3.096	ug/l #	54
20) Methylene Chloride	3.73	84	110040	1.754	ug/l	93
31) Cyclohexane	6.41	56	31829	1.126	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	123030	5.216	ug/l #	45
38) Carbon Tetrachloride	6.41	117	136693	6.385	ug/l #	15
49) 1,4-Dioxane	7.76	88	184	1.594	ug/l #	25
76) 1,2,3-Trichloropropane	12.43	75	266707	24.669	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.43	75	268537	88.396	ug/l #	13

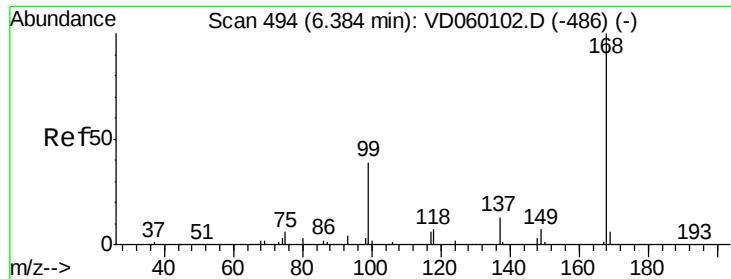
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103118\
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ClientSampleId :
TP-B

Quant Time: Oct 31 23:56:10 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: VD060255.D

Acq: 31 Oct 2018 21:34

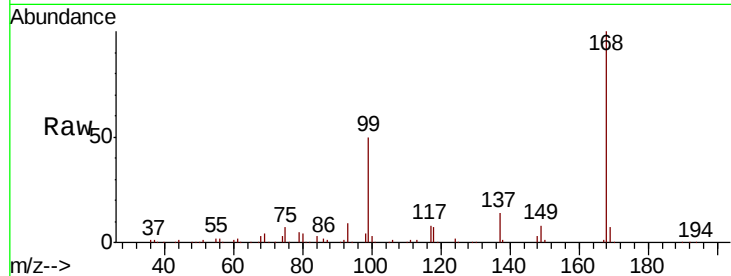
Instrument :
MSVOA_D
ClientSampleId :
TP-B

Tot Ion:168 Resp: 1721579

Ion Ratio Lower Upper

168 100

99 49.6 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

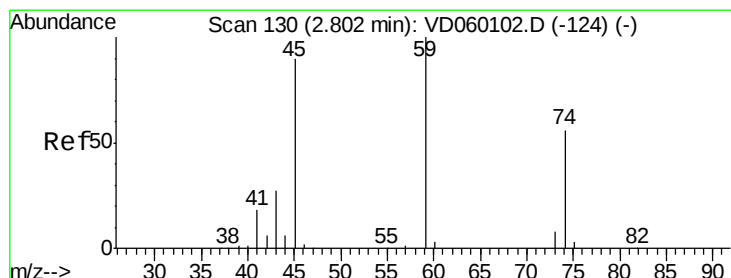
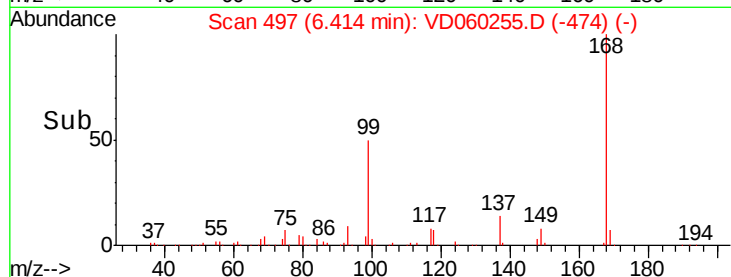
400000

200000

0

Time-->

6.30 6.40 6.50 6.60



#8

Diethyl Ether

Concen: 1.719 ug/l

RT: 2.83 min Scan# 133

Delta R.T. 0.03 min

Lab File: VD060255.D

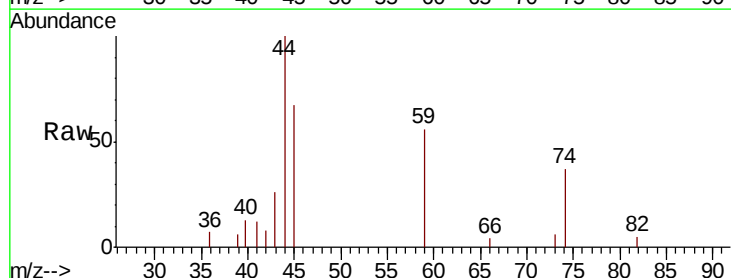
Acq: 31 Oct 2018 21:34

Tgt Ion: 74 Resp: 5058

Ion Ratio Lower Upper

74 100

45 178.9 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

2.83

5000

4000

3000

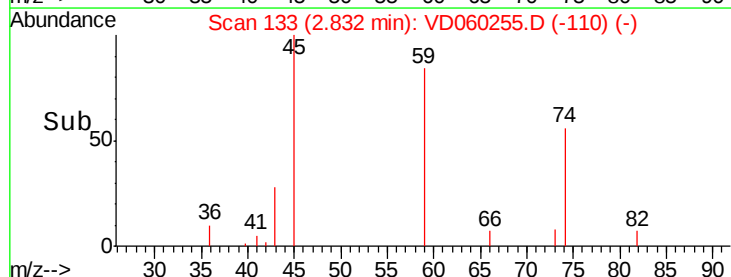
2000

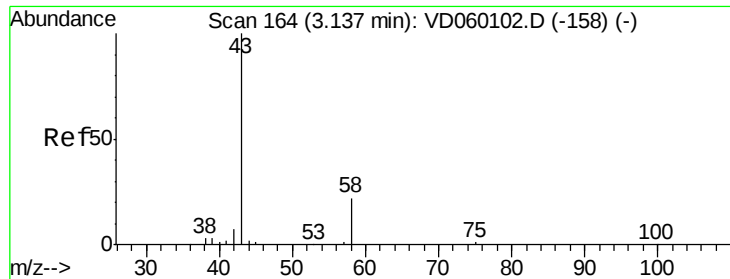
1000

0

Time-->

2.75 2.80 2.85 2.90





#16

Acetone

Concen: 3.096 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060255.D

Acq: 31 Oct 2018 21:34

Instrument :

MSVOA_D

ClientSampled :

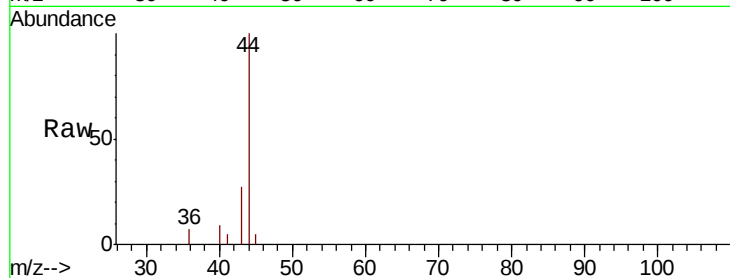
TP-B

Tot Ion: 43 Resp: 7332

Ion Ratio Lower Upper

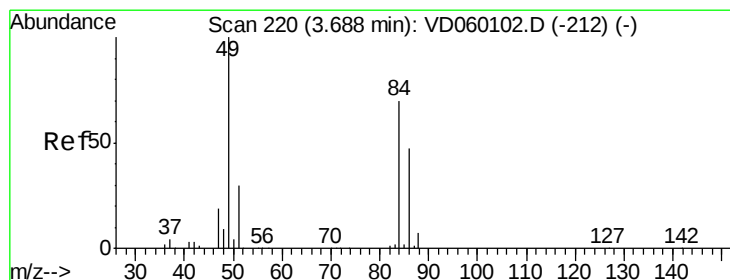
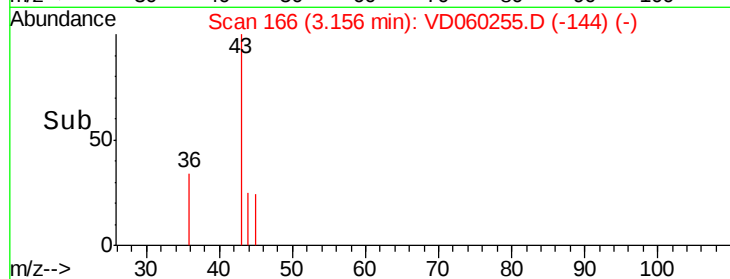
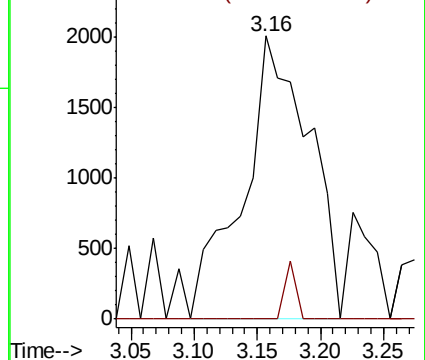
43 100

58 0.0 17.7 26.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 1.754 ug/l

RT: 3.73 min Scan# 224

Delta R.T. 0.04 min

Lab File: VD060255.D

Acq: 31 Oct 2018 21:34

Tgt Ion: 84 Resp: 110040

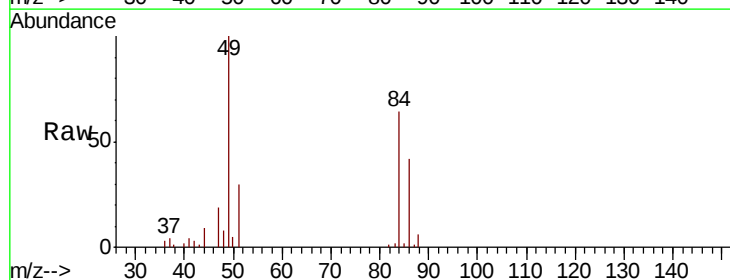
Ion Ratio Lower Upper

84 100

49 156.6 114.6 172.0

51 46.4 33.8 50.8

86 66.5 53.3 79.9

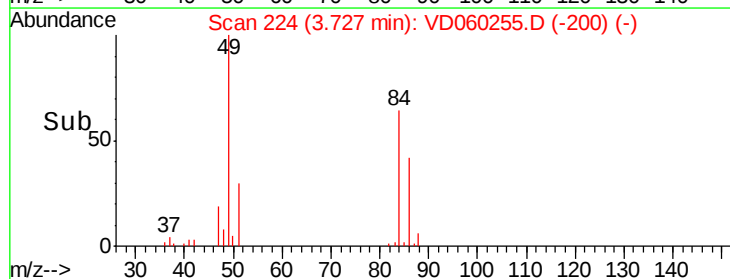
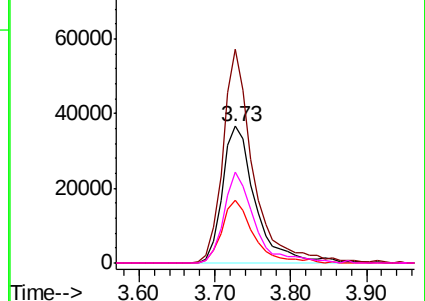


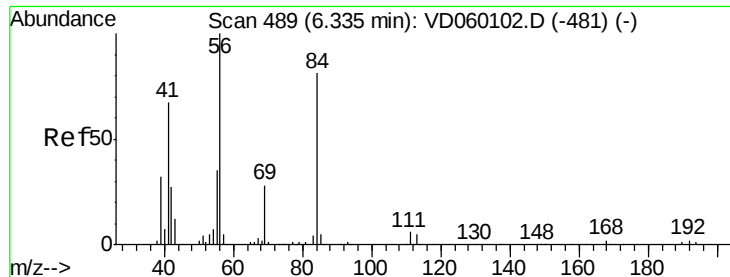
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

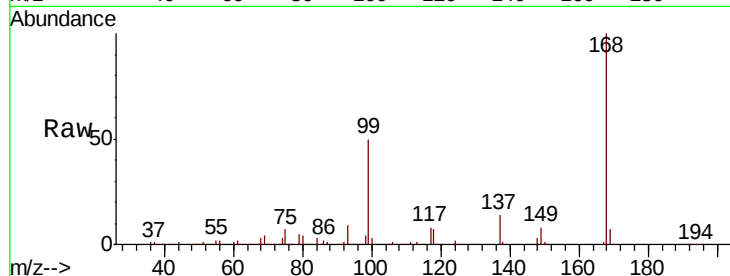




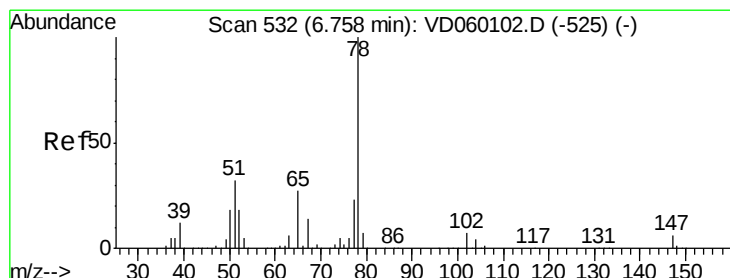
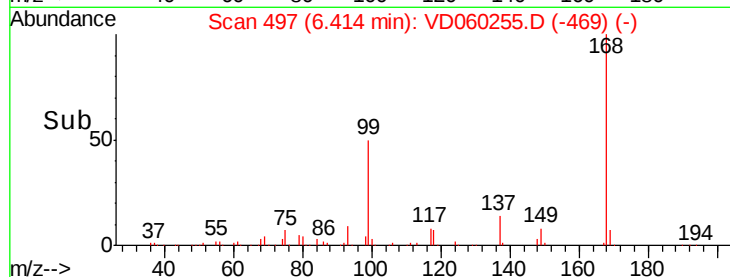
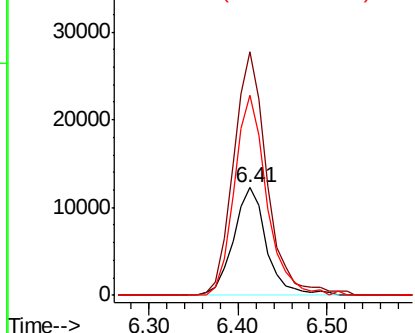
#31
Cyclohexane
Concen: 1.126 ug/l
RT: 6.41 min Scan# 497
Delta R.T. 0.08 min
Lab File: VD060255.D
Acq: 31 Oct 2018 21:34

Instrument :
MSVOA_D
ClientSampleId :
TP-B

Tot Ion: 56 Resp: 31829
Ion Ratio Lower Upper
56 100
69 225.7 22.8 34.2#
84 185.4 64.9 97.3#

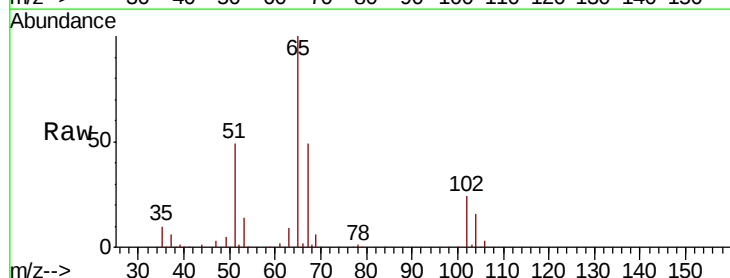


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

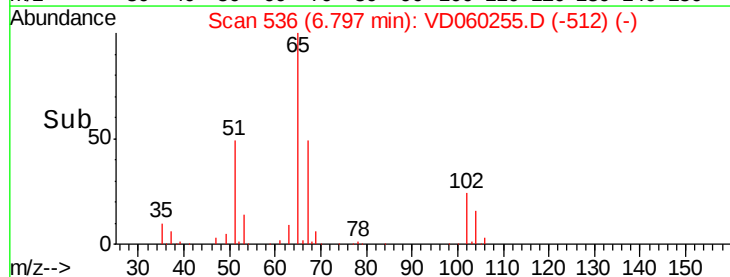
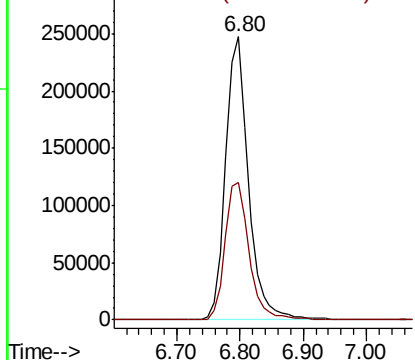


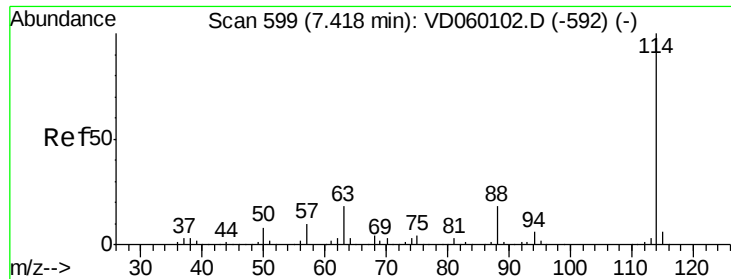
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 536
Delta R.T. 0.04 min
Lab File: VD060255.D
Acq: 31 Oct 2018 21:34

Tgt Ion: 65 Resp: 621061
Ion Ratio Lower Upper
65 100
67 48.6 0.0 106.2



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

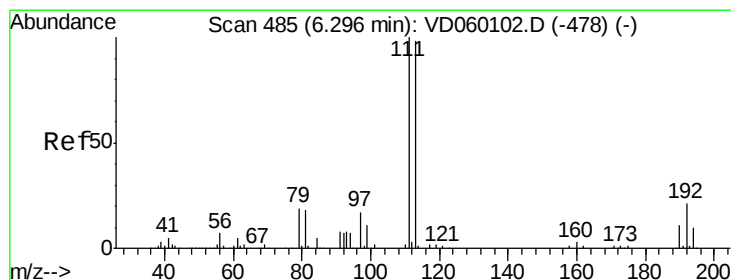
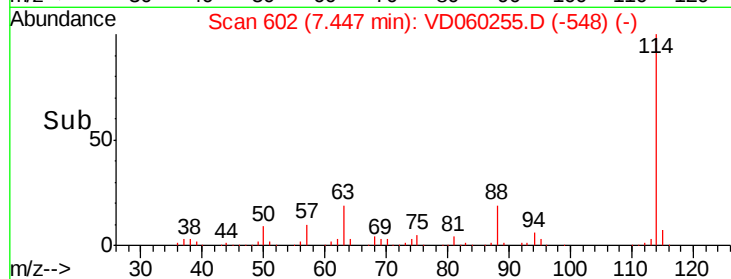
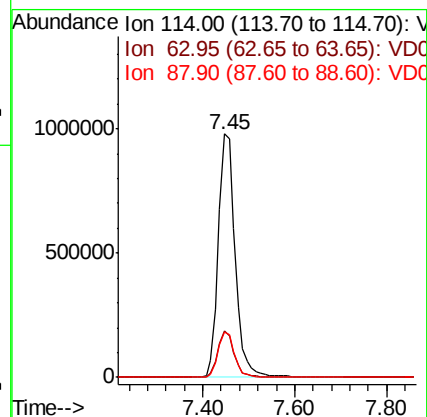
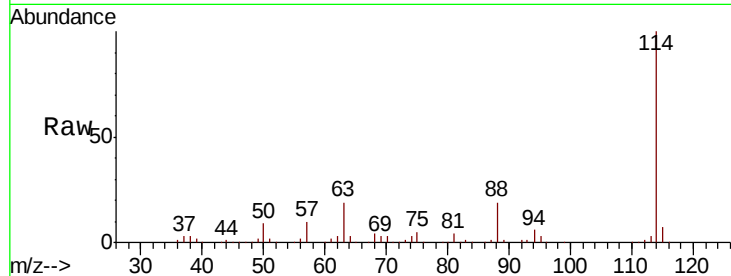




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060255.D
 Acq: 31 Oct 2018 21:34

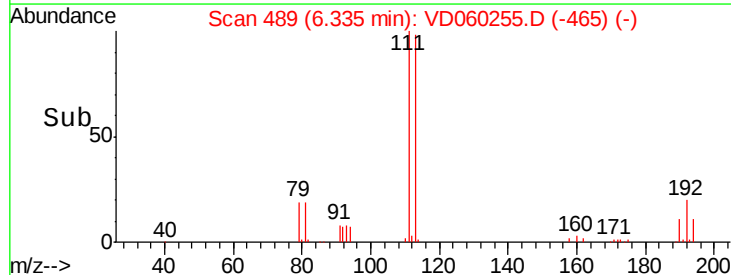
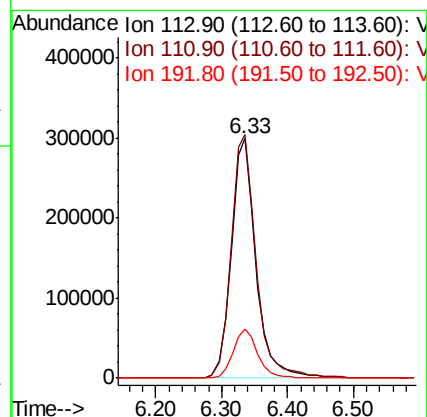
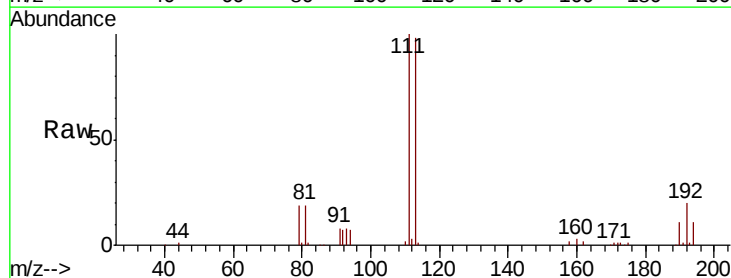
Instrument :
 MSVOA_D
 ClientSampled :
 TP-B

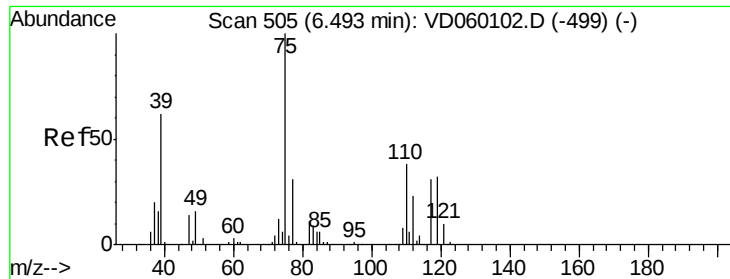
Tot Ion:114 Resp: 2468552
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 36.0
 88 18.7 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. 0.04 min
 Lab File: VD060255.D
 Acq: 31 Oct 2018 21:34

Tgt Ion:113 Resp: 782246
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.5 122.3
 192 20.7 17.4 26.0





#36

1,1-Dichloropropene

Concen: 5.216 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.08 min

Lab File: VD060255.D

Acq: 31 Oct 2018 21:34

Instrument :

MSVOA_D

ClientSampleId :

TP-B

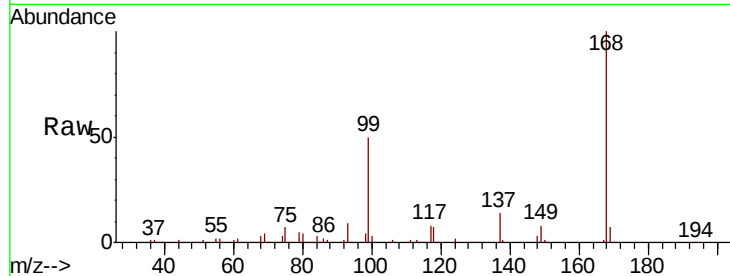
Tot Ion: 75 Resp: 123030

Ion Ratio Lower Upper

75 100

110 5.9 19.0 57.0#

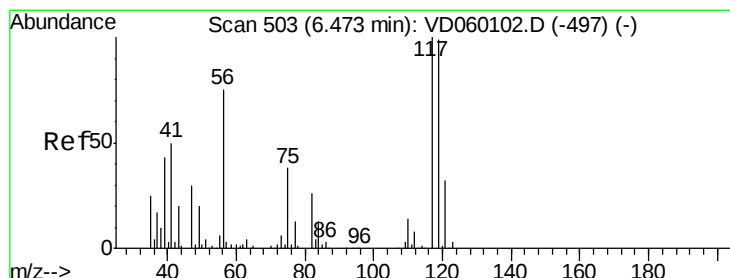
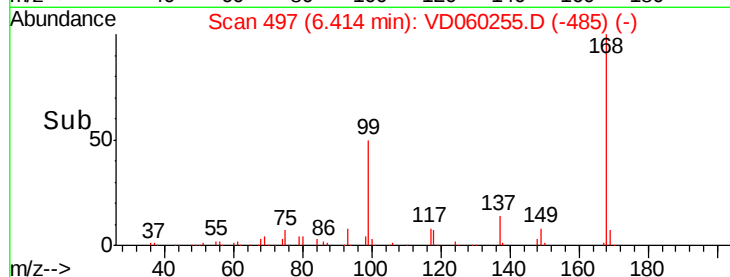
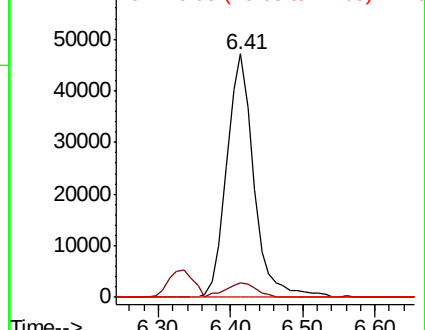
77 0.0 24.9 37.3#



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: 6.385 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.06 min

Lab File: VD060255.D

Acq: 31 Oct 2018 21:34

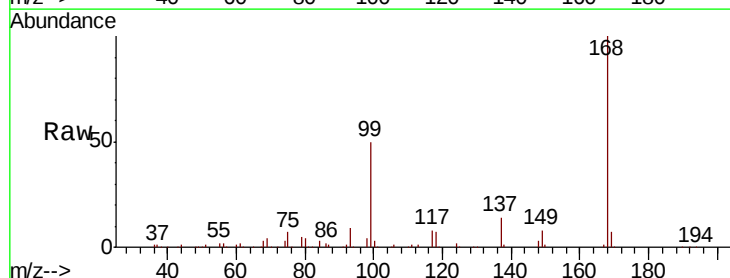
Tgt Ion: 117 Resp: 136693

Ion Ratio Lower Upper

117 100

119 4.4 77.8 116.6#

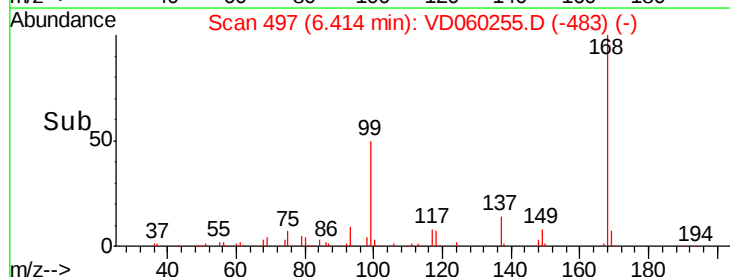
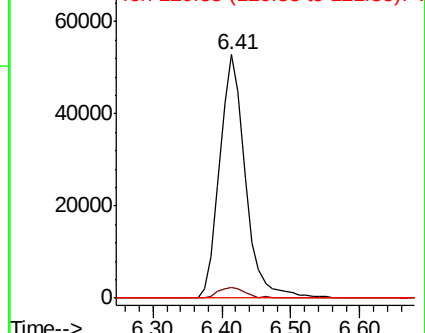
121 0.0 24.8 37.2#

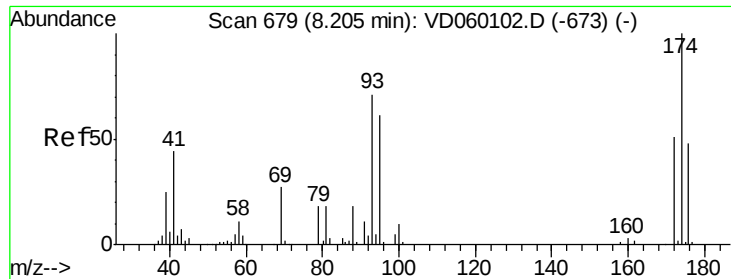


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

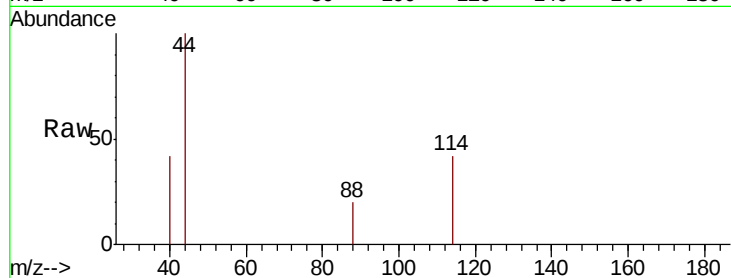




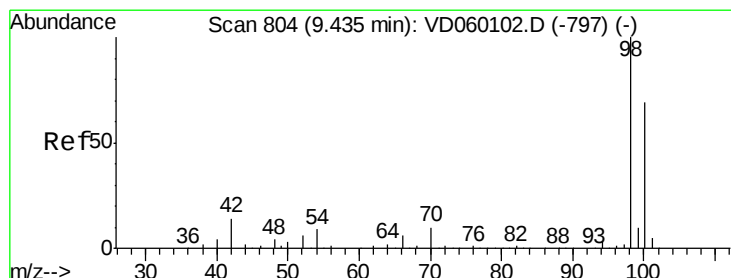
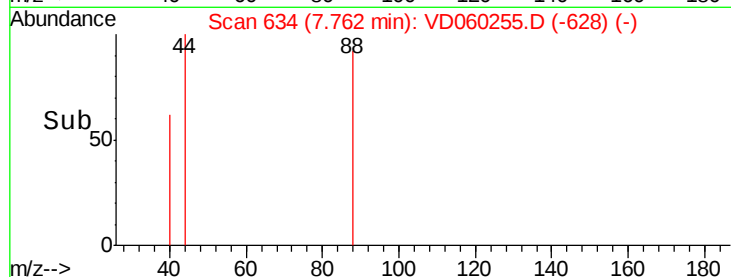
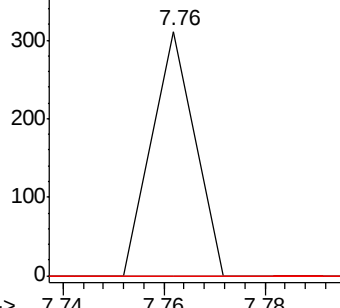
#49
1,4-Dioxane
Concen: 1.594 ug/l
RT: 7.76 min Scan# 634
Delta R.T. -0.44 min
Lab File: VD060255.D
Acq: 31 Oct 2018 21:34

Instrument :
MSVOA_D
ClientSampleId :
TP-B

Tot Ion: 88 Resp: 184
Ion Ratio Lower Upper
88 100
43 0.0 33.7 50.5#
58 0.0 49.1 73.7#

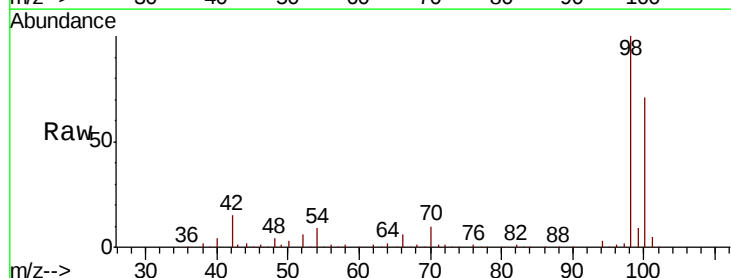


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

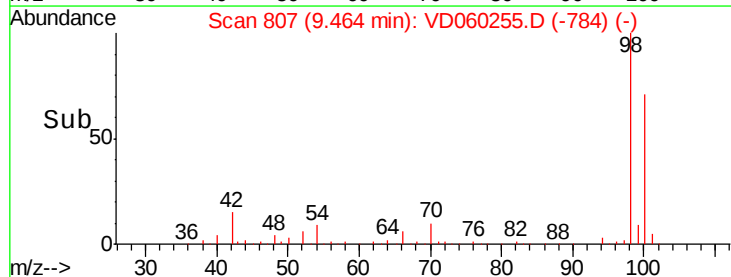
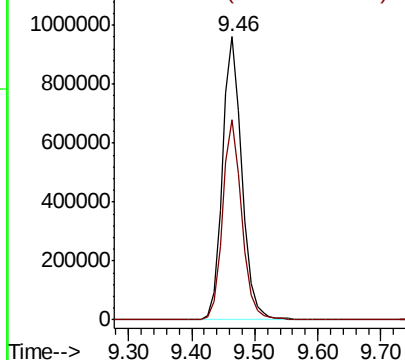


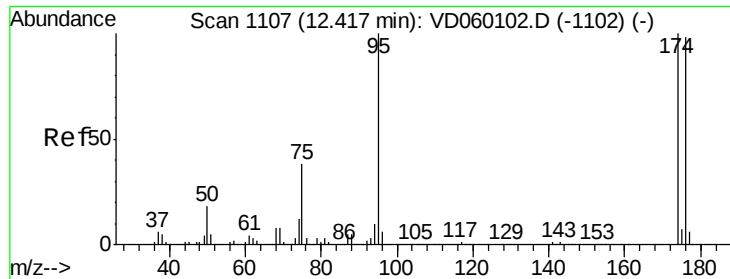
#50
Toluene-d8
Concen: 1.594 ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060255.D
Acq: 31 Oct 2018 21:34

Tgt Ion: 98 Resp: 2061797
Ion Ratio Lower Upper
98 100
100 70.6 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# 1108

Delta R.T. 0.01 min

Lab File: VD060255.D

Acq: 31 Oct 2018 21:34

Instrument :

MSVOA_D

ClientSampleId :

TP-B

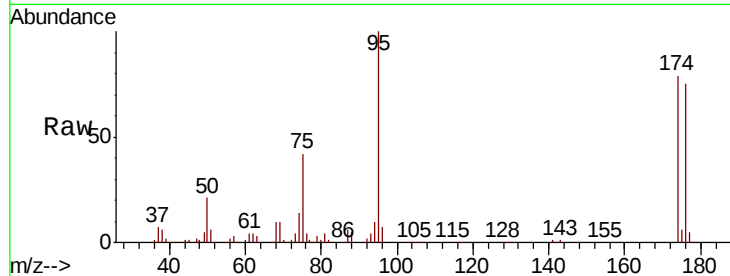
Tot Ion: 95 Resp: 661196

Ion Ratio Lower Upper

95 100

174 79.1 0.0 200.2

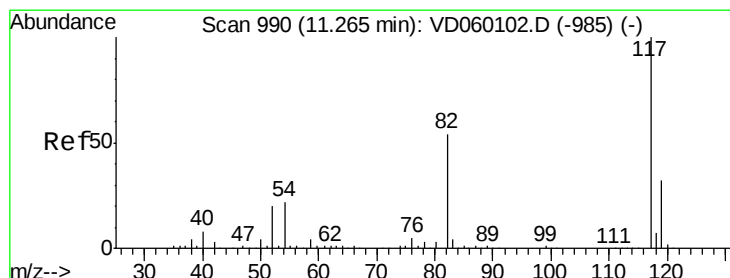
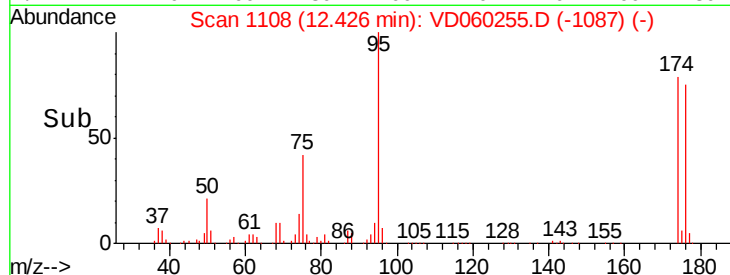
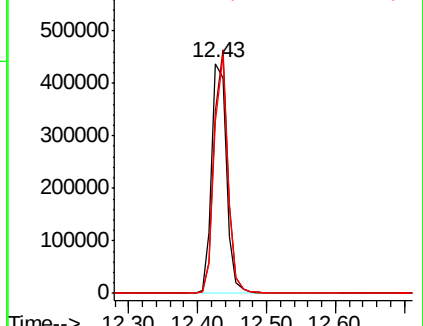
176 74.7 0.0 195.6



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: 11.28 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060255.D

Acq: 31 Oct 2018 21:34

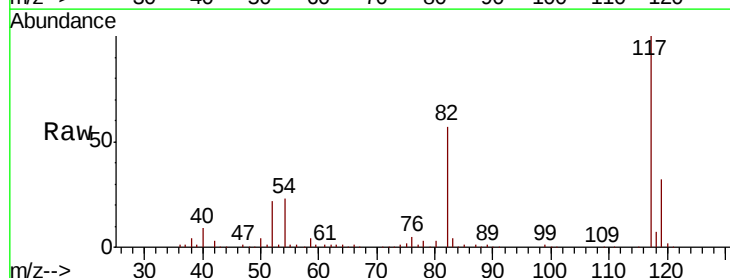
Tgt Ion: 117 Resp: 1823490

Ion Ratio Lower Upper

117 100

82 57.2 43.4 65.2

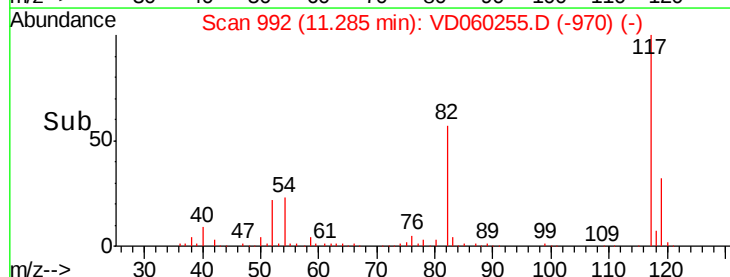
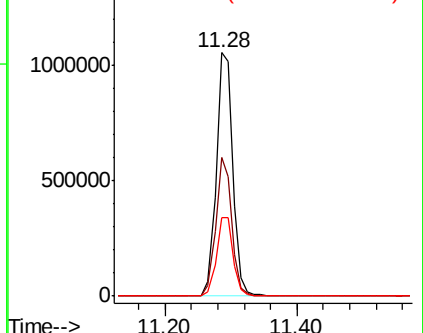
119 32.5 26.0 39.0

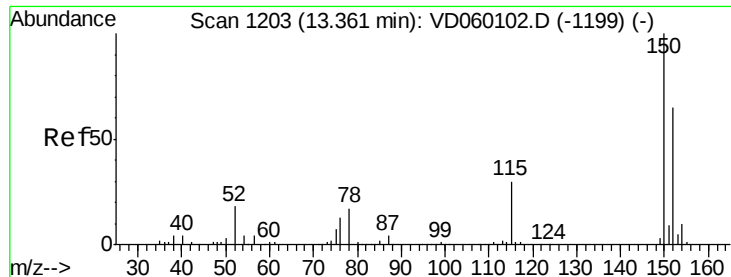


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



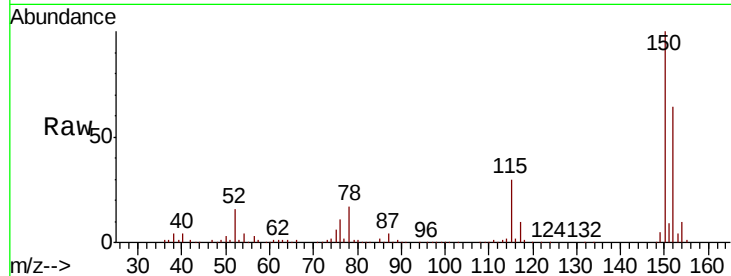


#72

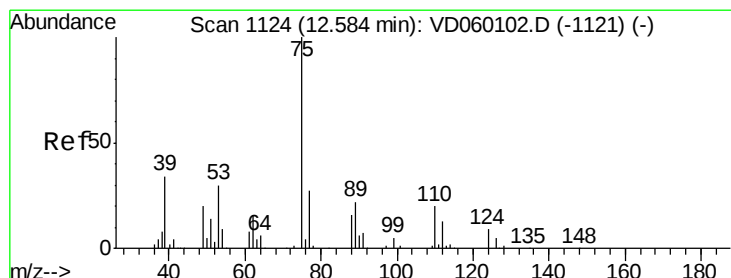
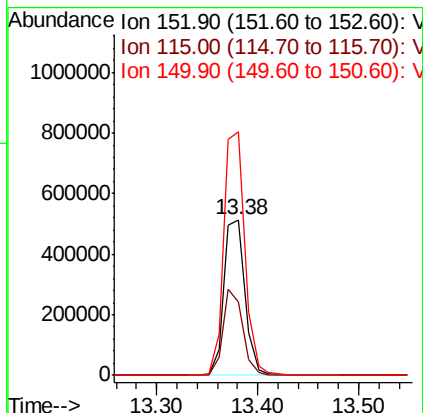
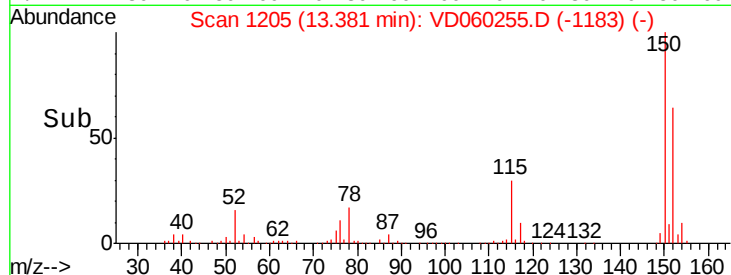
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.02 min
Lab File: VD060255.D
Acq: 31 Oct 2018 21:34

Instrument :
MSVOA_D
ClientSampleId :
TP-B

Tot Ion:152 Resp: 750732
Ion Ratio Lower Upper
152 100
115 46.8 27.1 81.2
150 156.4 0.0 311.8



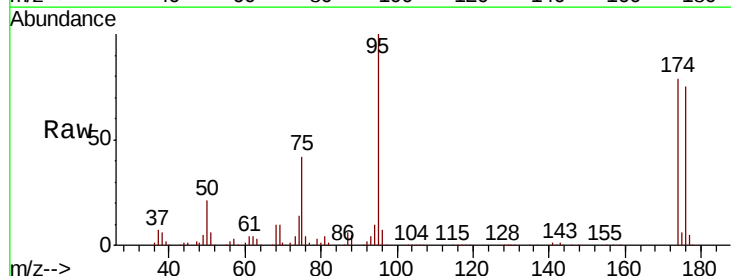
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



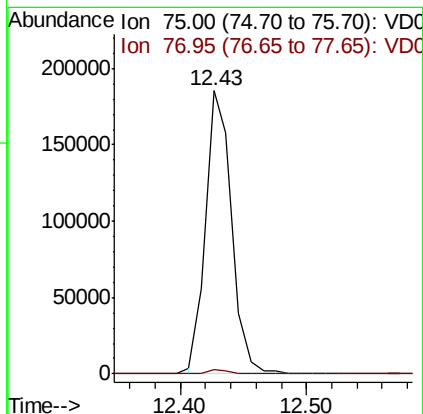
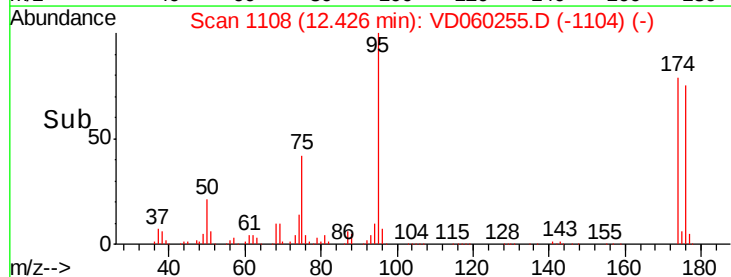
#76

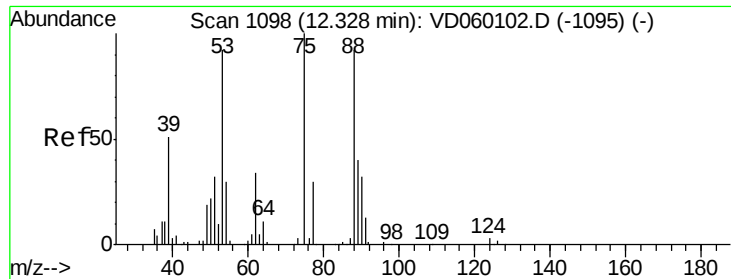
1,2,3-Trichloropropane
Concen: 24.669 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.16 min
Lab File: VD060255.D
Acq: 31 Oct 2018 21:34

Tgt Ion: 75 Resp: 266707
Ion Ratio Lower Upper
75 100
77 1.5 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: 88.396 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.10 min

Lab File: VD060255.D

Acq: 31 Oct 2018 21:34

Instrument :

MSVOA_D

ClientSampleId :

TP-B

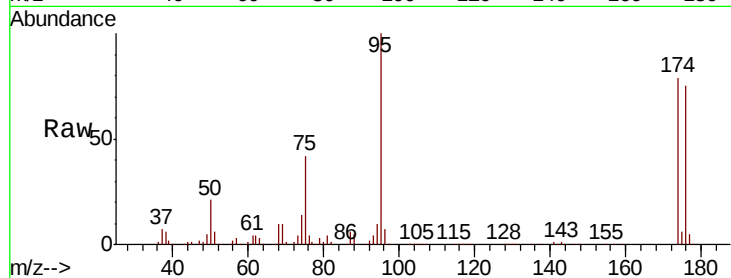
Tot Ion: 75 Resp: 268537

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

