

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102518\
 Data File : VD060201.D
 Acq On : 25 Oct 2018 18:06
 Operator : JC/SY
 Sample : J5658-05
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-003

Quant Time: Oct 26 03:43:24 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	6.40	168	1633755	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2230517	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1587140	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	629264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	698682	56.42	ug/l	0.03
Spiked Amount	50.000		Recovery	=	112.84%	
35) Dibromofluoromethane	6.33	113	860038	50.78	ug/l	0.03
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	9.45	98	2203575	45.62	ug/l	0.02
Spiked Amount	50.000		Recovery	=	91.24%	
62) 4-Bromofluorobenzene	12.43	95	684935	37.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.74%	
Target Compounds						
16) Acetone	3.16	43	10943	4.870	ug/l	94
20) Methylene Chloride	3.72	84	53029	Below Cal		96
31) Cyclohexane	6.40	56	30726	1.145	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	115509	5.419	ug/l #	46
38) Carbon Tetrachloride	6.40	117	130964	6.770	ug/l #	15
76) 1,2,3-Trichloropropane	12.43	75	261813	28.891	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.43	75	275358	108.138	ug/l #	13

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060201.D

Acq: 25 Oct 2018 18:06

Instrument :

MSVOA_D

ClientSampleId :

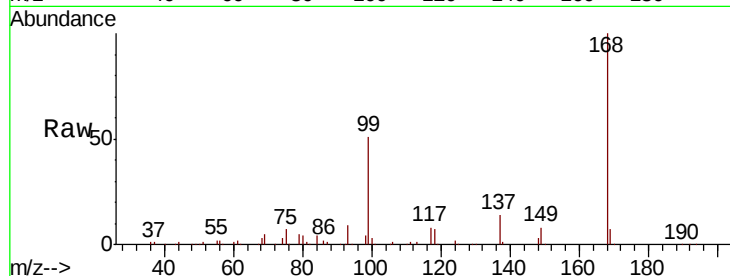
JC-TS-003

Tot Ion:168 Resp: 1633755

Ion Ratio Lower Upper

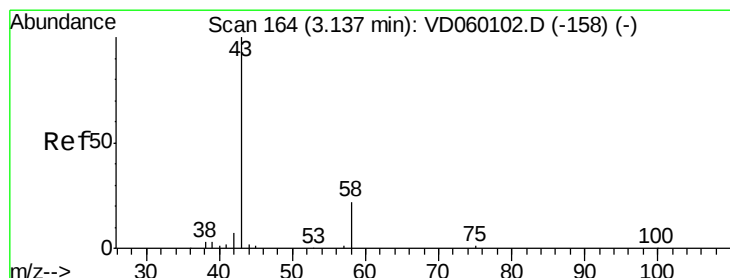
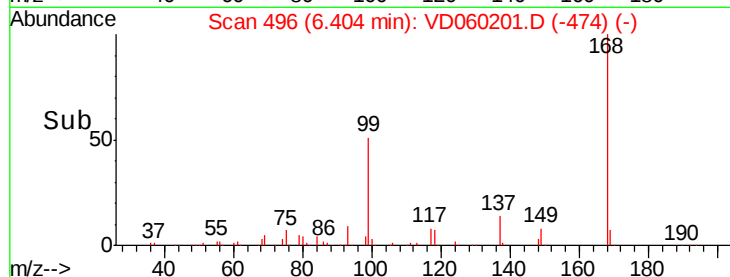
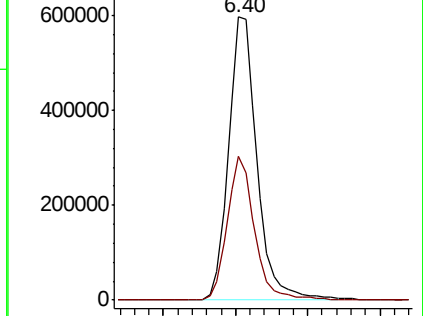
168 100

99 50.8 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 4.870 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060201.D

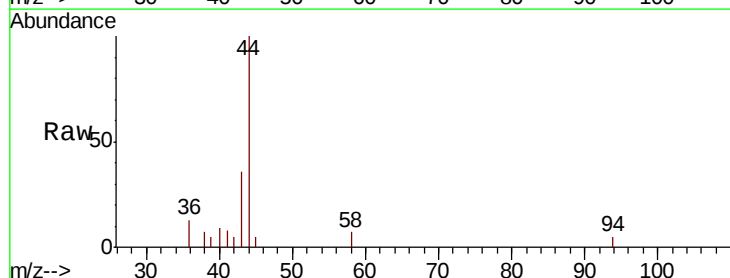
Acq: 25 Oct 2018 18:06

Tgt Ion: 43 Resp: 10943

Ion Ratio Lower Upper

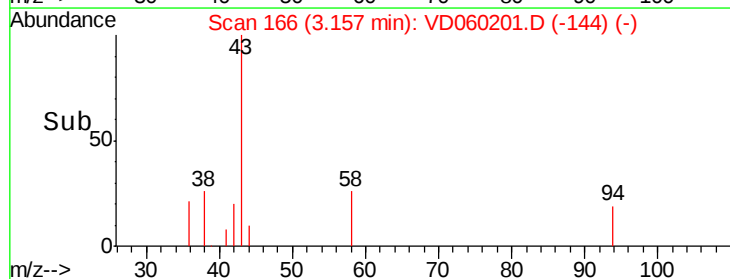
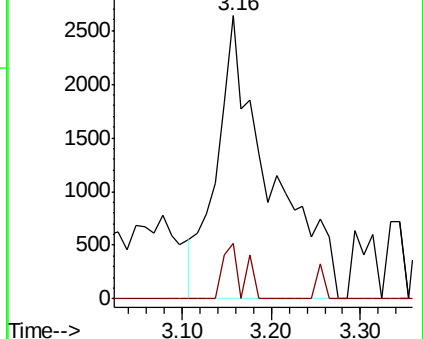
43 100

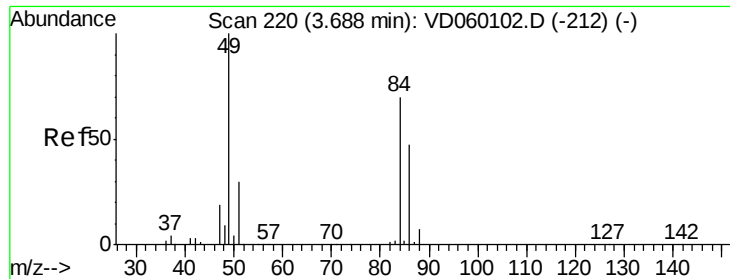
58 19.4 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

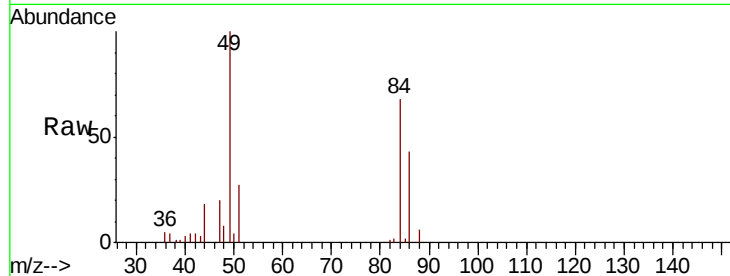




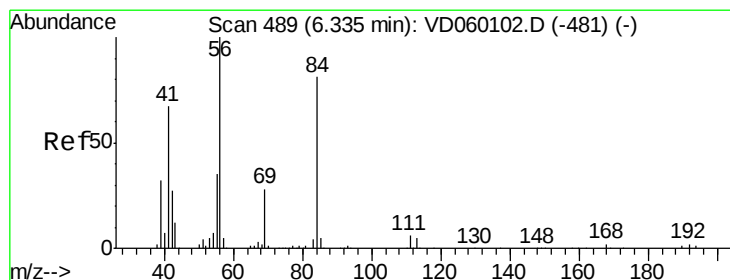
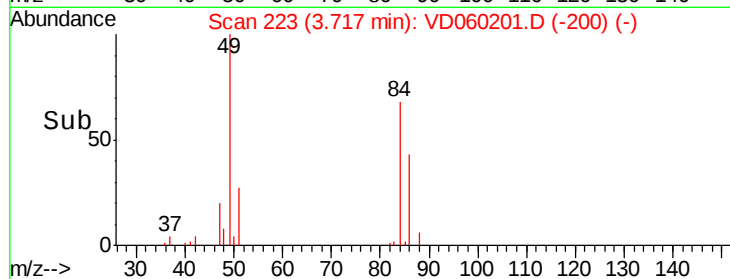
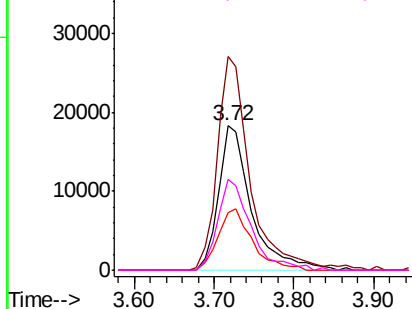
#20
Methylene Chloride
Concen: Below Cal
RT: 3.72 min Scan# 223
Delta R.T. 0.03 min
Lab File: VD060201.D
Acq: 25 Oct 2018 18:06

Instrument :
MSVOA_D
ClientSampleId :
JC-TS-003

Tot Ion: 84 Resp: 53029
Ion Ratio Lower Upper
84 100
49 147.9 114.6 172.0
51 40.0 33.8 50.8
86 63.1 53.3 79.9

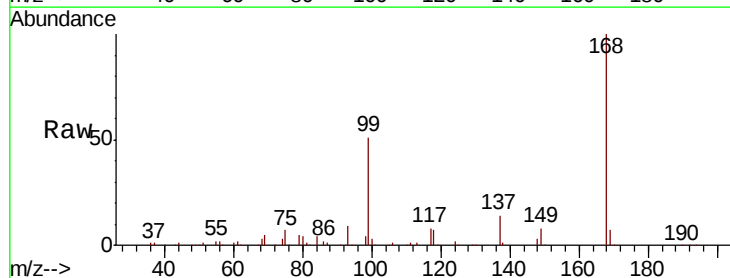


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

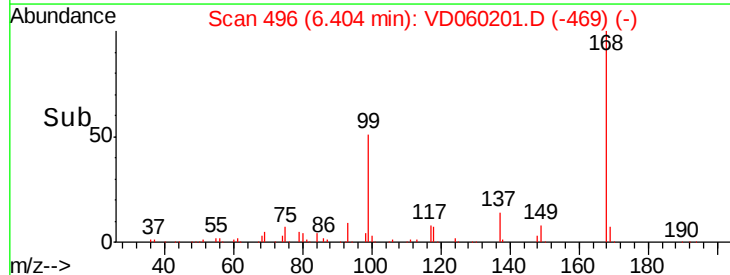
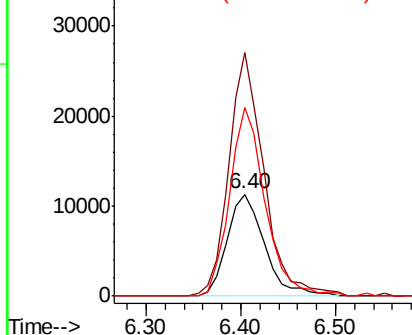


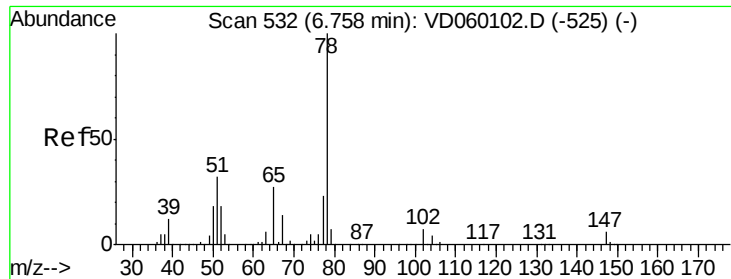
#31
Cyclohexane
Concen: 1.145 ug/l
RT: 6.40 min Scan# 496
Delta R.T. 0.07 min
Lab File: VD060201.D
Acq: 25 Oct 2018 18:06

Tgt Ion: 56 Resp: 30726
Ion Ratio Lower Upper
56 100
69 239.2 22.8 34.2#
84 185.2 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

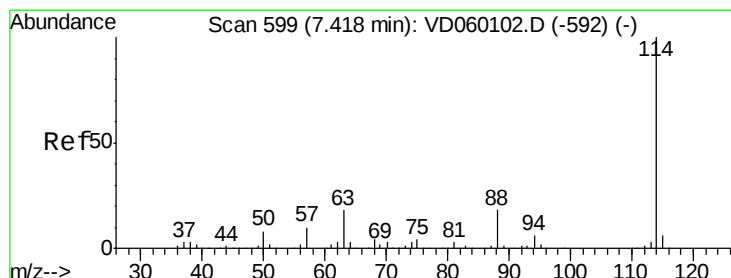
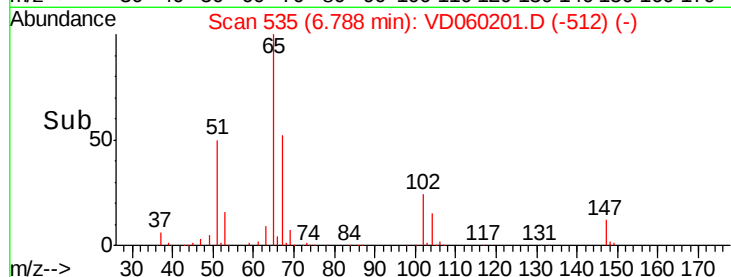
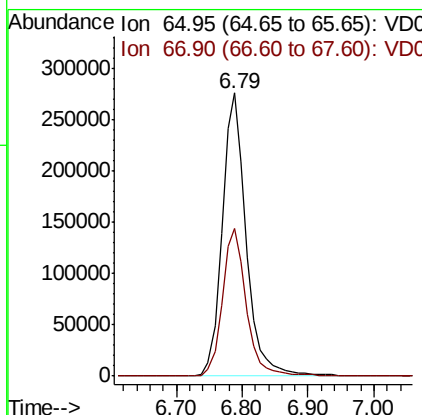
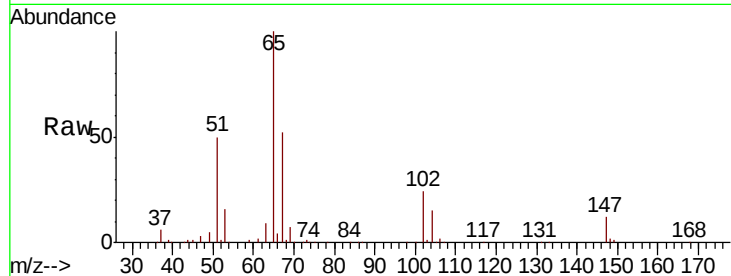




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. 0.03 min
 Lab File: VD060201.D
 Acq: 25 Oct 2018 18:06

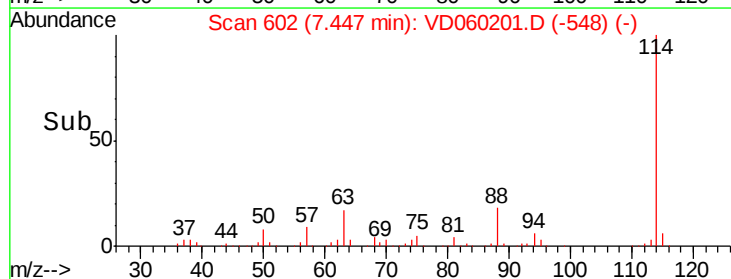
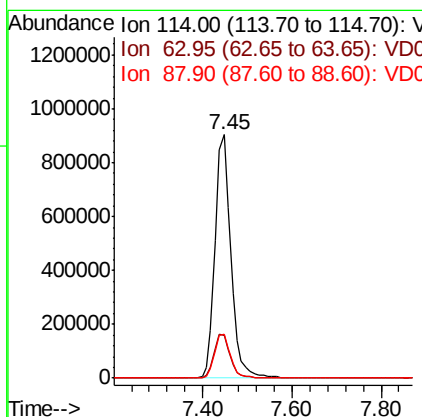
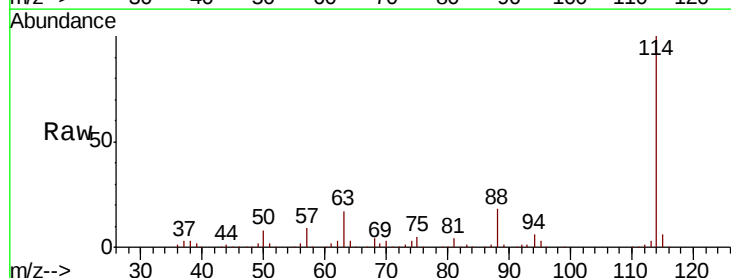
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-003

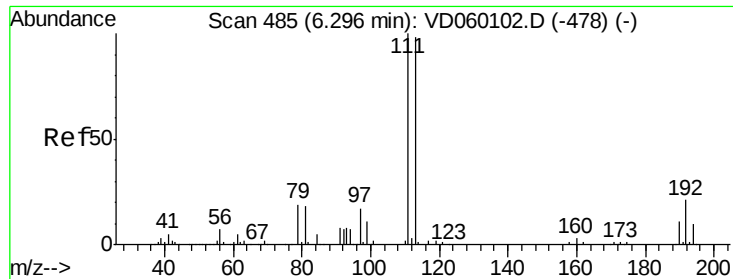
Tot Ion: 65 Resp: 698682
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060201.D
 Acq: 25 Oct 2018 18:06

Tgt Ion: 114 Resp: 2230517
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.0
 88 18.3 0.0 36.2

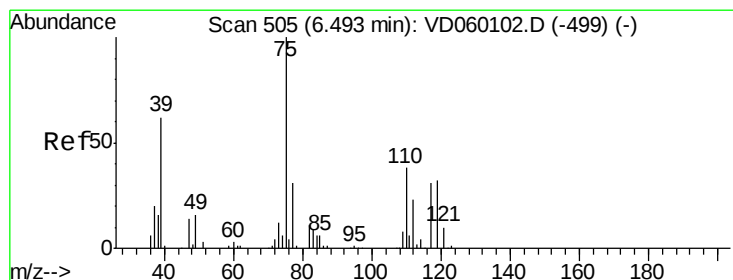
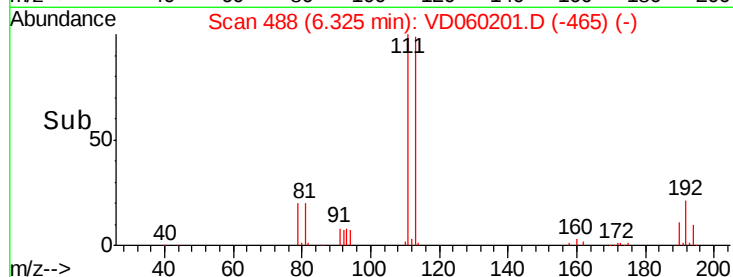
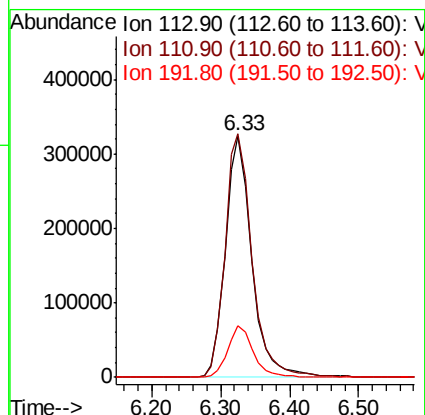
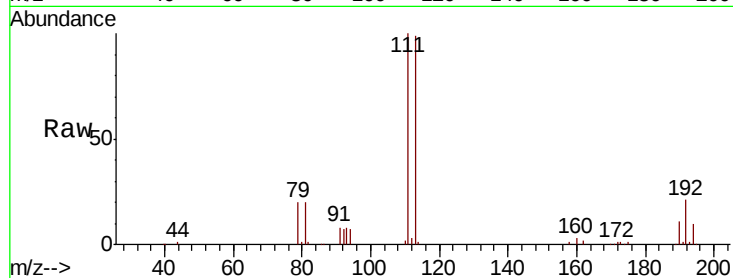




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060201.D
 Acq: 25 Oct 2018 18:06

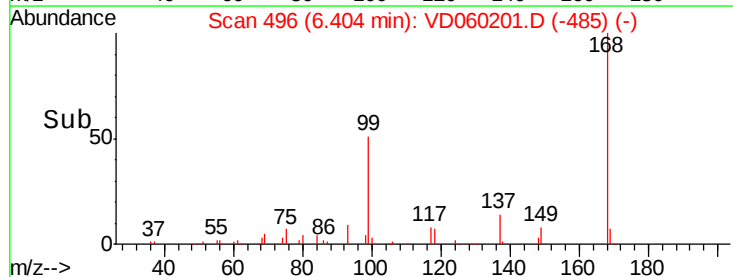
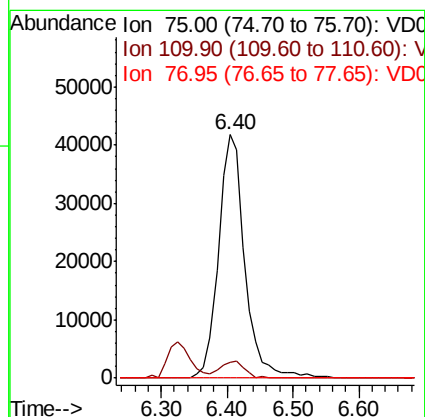
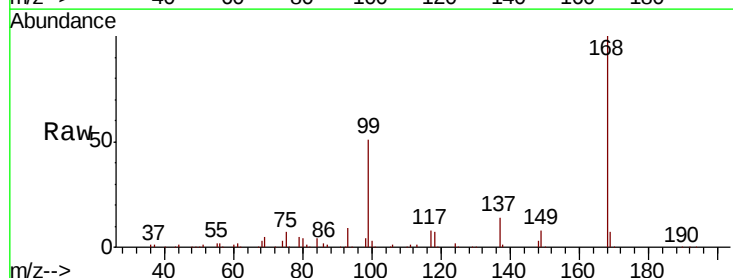
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-003

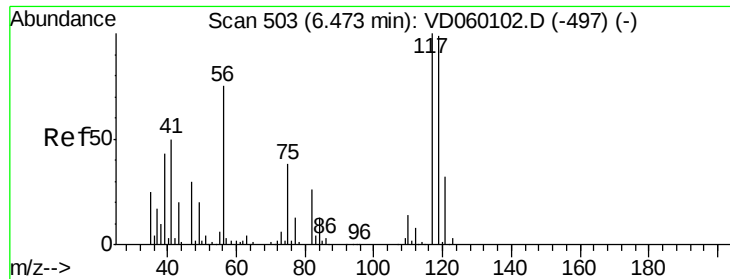
Tot Ion:113 Resp: 860038
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.5 122.3
 192 21.3 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 5.419 ug/l
 RT: 6.40 min Scan# 496
 Delta R.T. -0.09 min
 Lab File: VD060201.D
 Acq: 25 Oct 2018 18:06

Tgt Ion: 75 Resp: 115509
 Ion Ratio Lower Upper
 75 100
 110 6.7 19.0 57.0#
 77 0.0 24.9 37.3#

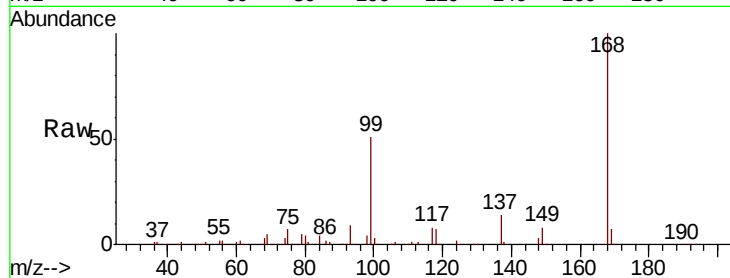




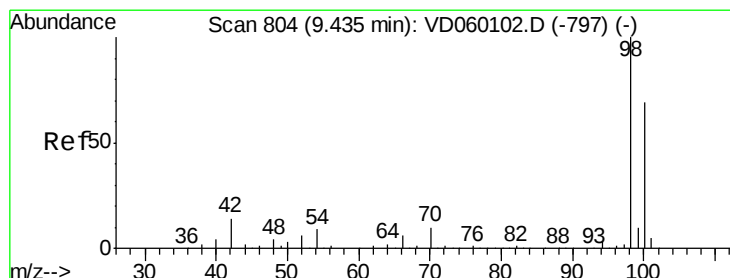
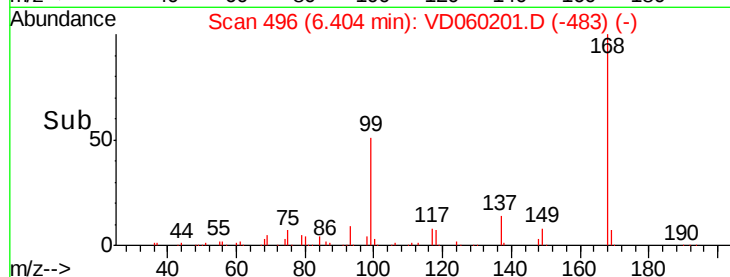
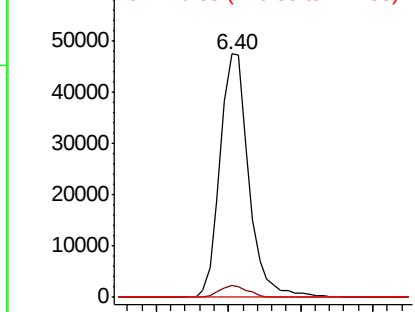
#38
Carbon Tetrachloride
Concen: 6.770 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.07 min
Lab File: VD060201.D
Acq: 25 Oct 2018 18:06

Instrument :
MSVOA_D
ClientSampleId :
JC-TS-003

Tot Ion:117 Resp: 130964
Ion Ratio Lower Upper
117 100
119 4.7 77.8 116.6#
121 0.0 24.8 37.2#

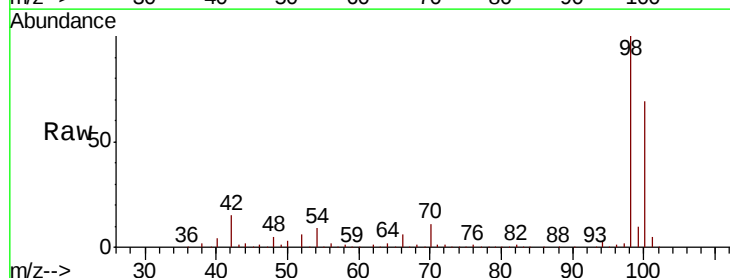


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

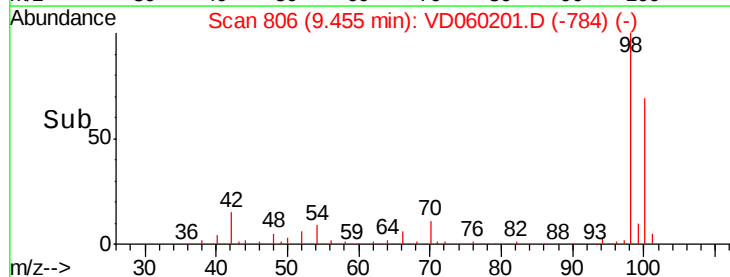
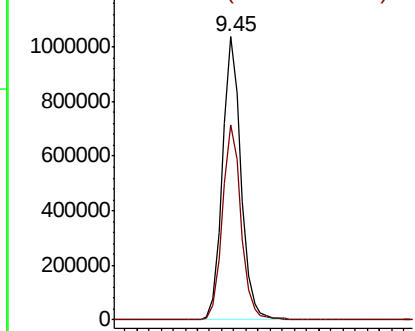


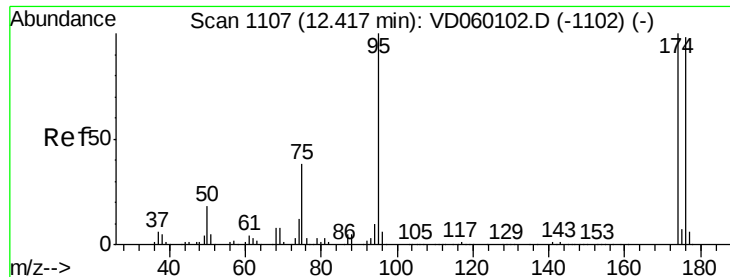
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060201.D
Acq: 25 Oct 2018 18:06

Tgt Ion: 98 Resp: 2203575
Ion Ratio Lower Upper
98 100
100 68.7 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: VD060201.D

Acq: 25 Oct 2018 18:06

Instrument :

MSVOA_D

ClientSampleId :

JC-TS-003

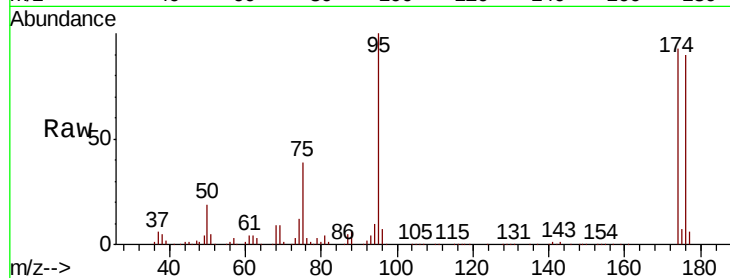
Tot Ion: 95 Resp: 684935

Ion Ratio Lower Upper

95 100

174 93.3 0.0 200.2

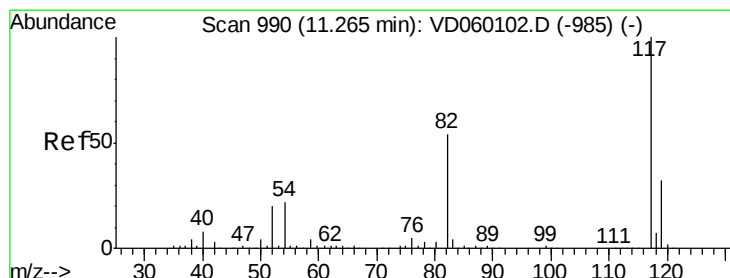
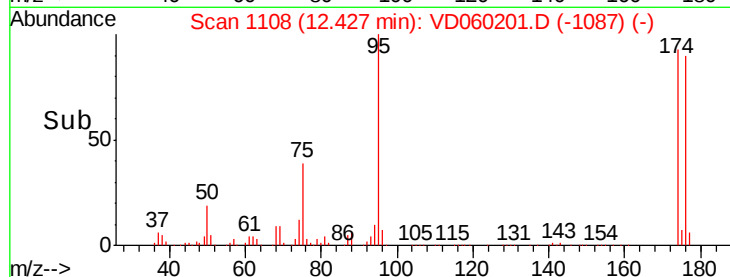
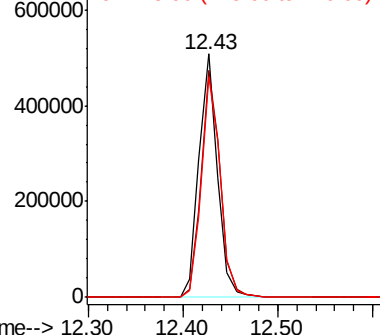
176 90.5 0.0 195.6



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: 11.29 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060201.D

Acq: 25 Oct 2018 18:06

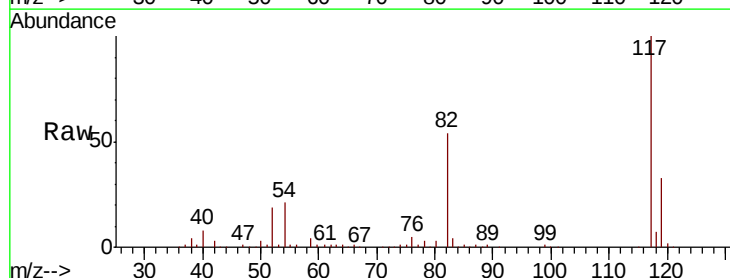
Tgt Ion: 117 Resp: 1587140

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.2

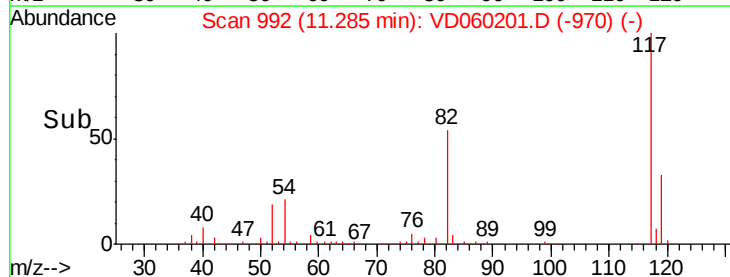
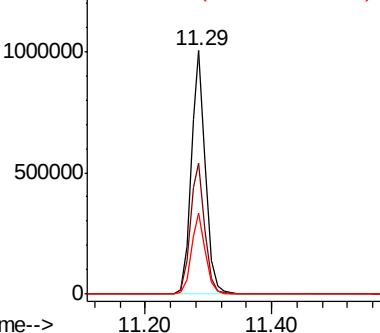
119 33.5 26.0 39.0

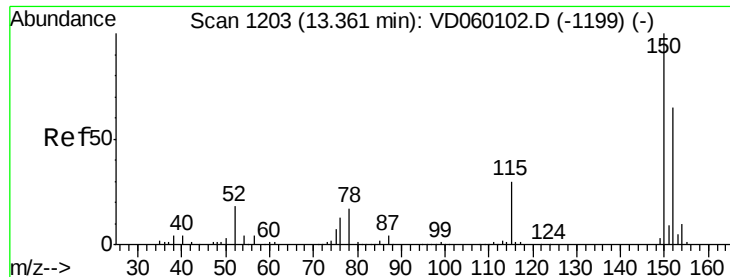


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.37 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD060201.D

Acq: 25 Oct 2018 18:06

Instrument :

MSVOA_D

ClientSampleId :

JC-TS-003

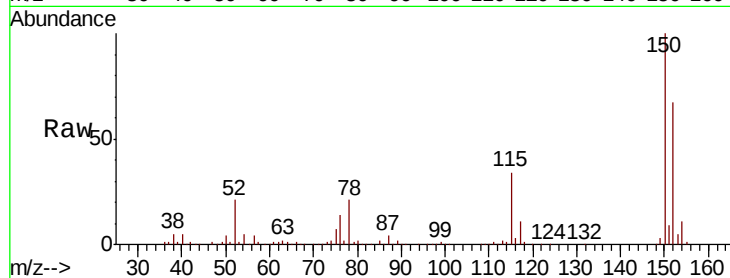
Tot Ion:152 Resp: 629264

Ion Ratio Lower Upper

152 100

115 51.5 27.1 81.2

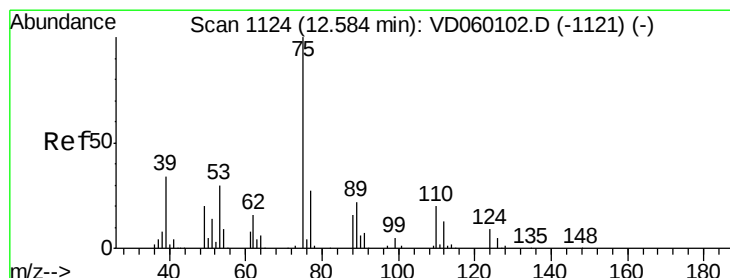
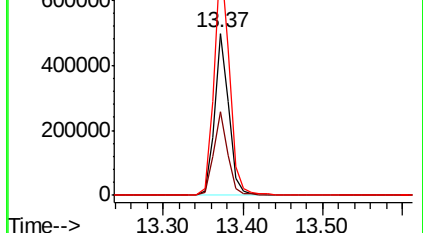
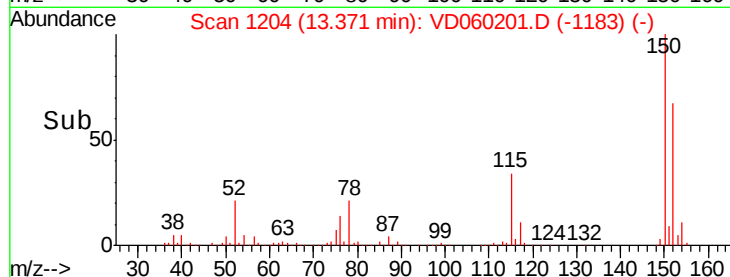
150 150.3 0.0 311.8



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: 28.891 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.16 min

Lab File: VD060201.D

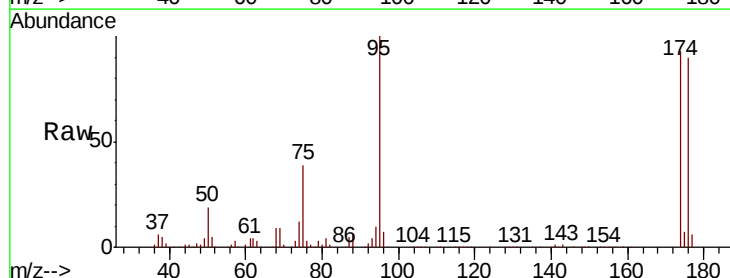
Acq: 25 Oct 2018 18:06

Tgt Ion: 75 Resp: 261813

Ion Ratio Lower Upper

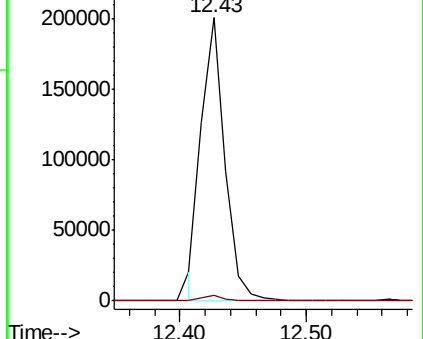
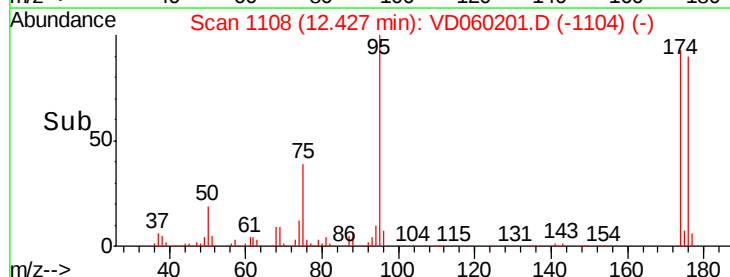
75 100

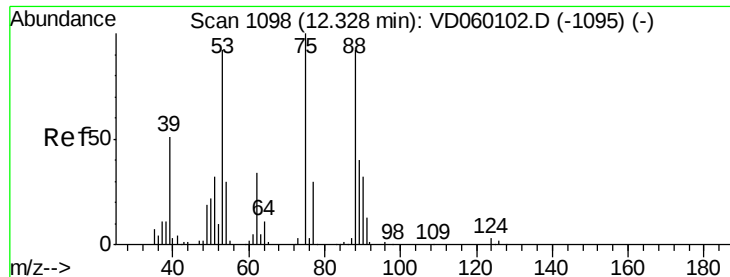
77 1.8 16.3 48.9#



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: 108.138 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.10 min

Lab File: VD060201.D

Acq: 25 Oct 2018 18:06

Instrument :

MSVOA_D

ClientSampleId :

JC-TS-003

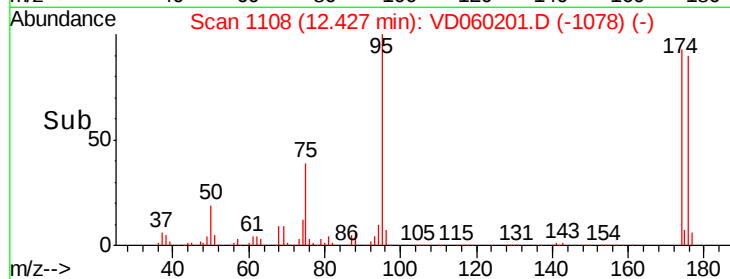
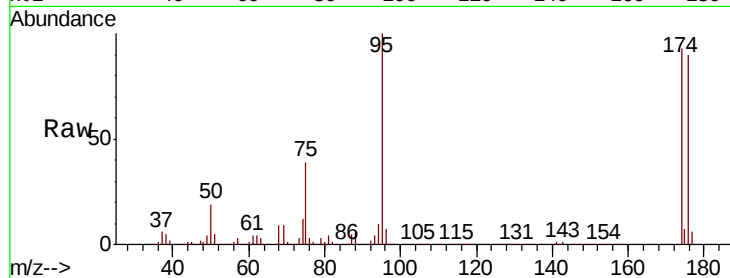
Tot Ion: 75 Resp: 275358

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

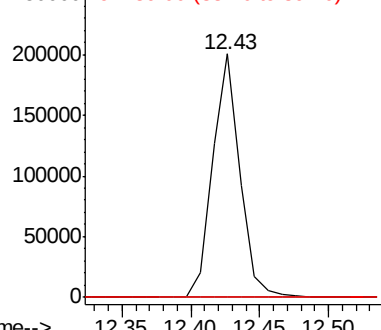
89 0.0 32.0 48.0#



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



Time-->