

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102518\
 Data File : VD060205.D
 Acq On : 25 Oct 2018 19:59
 Operator : JC/SY
 Sample : J5658-09
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-007

Quant Time: Oct 26 03:44:09 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	6.39	168	1533187	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.44	114	2142810	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1529505	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	607570	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	719292	61.89	ug/l	0.02
Spiked Amount			Recovery	=	123.78%	
35) Dibromofluoromethane	6.32	113	861065	52.92	ug/l	0.02
Spiked Amount			Recovery	=	105.84%	
50) Toluene-d8	9.46	98	2222224	47.89	ug/l	0.02
Spiked Amount			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	12.43	95	696823	40.11	ug/l	0.01
Spiked Amount			Recovery	=	80.22%	

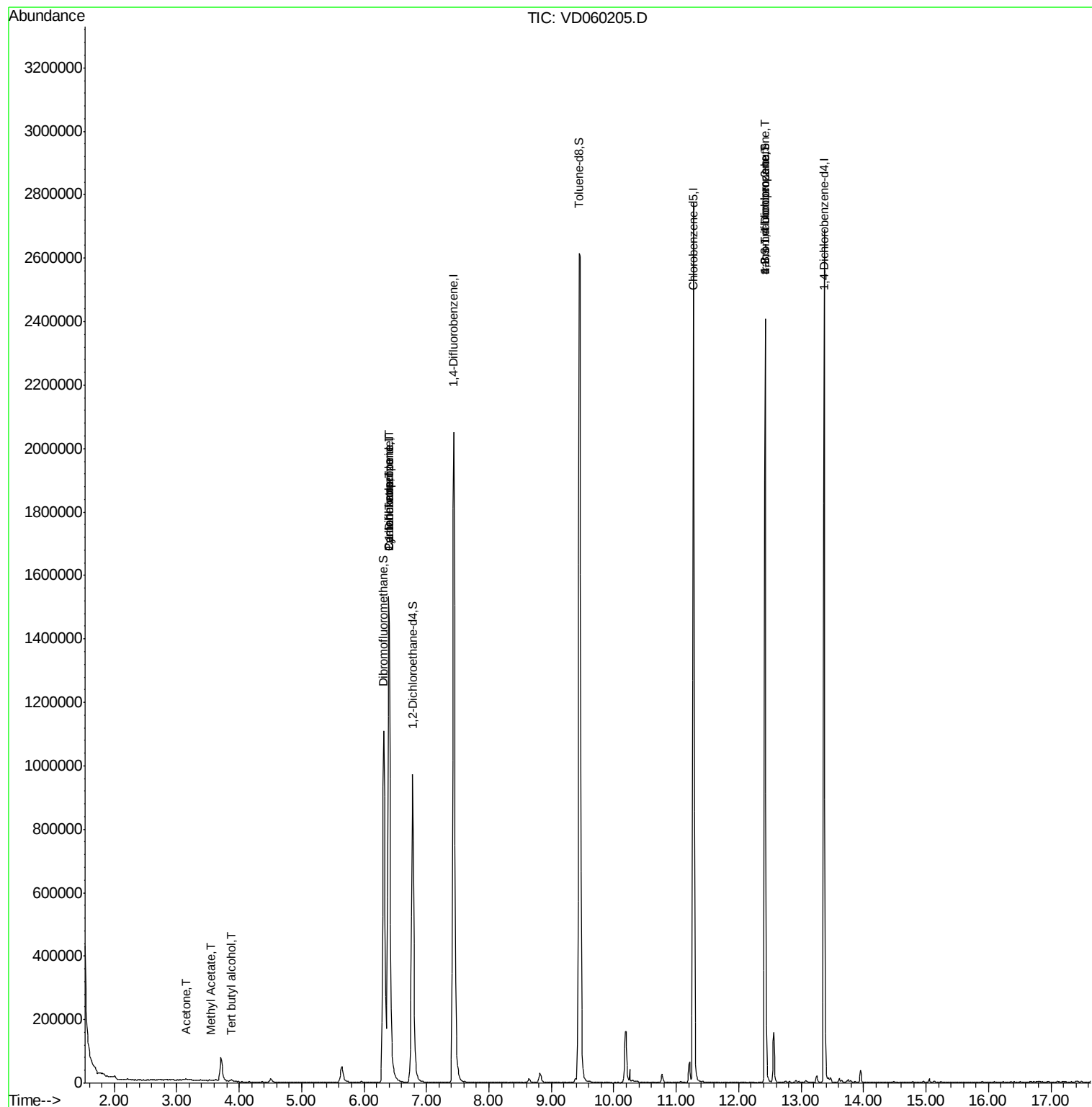
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.87	59	5098	6.116	ug/l #	74
16) Acetone	3.15	43	8084	3.833	ug/l #	54
18) Methyl Acetate	3.56	43	6178	1.363	ug/l #	63
20) Methylene Chloride	3.71	84	44512	Below Cal		100
31) Cyclohexane	6.39	56	29173	1.159	ug/l #	1
36) 1,1-Dichloropropene	6.39	75	115010	5.617	ug/l #	46
38) Carbon Tetrachloride	6.39	117	121908	6.560	ug/l #	15
76) 1,2,3-Trichloropropane	12.42	75	266104	30.413	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.42	75	290004	117.957	ug/l #	13

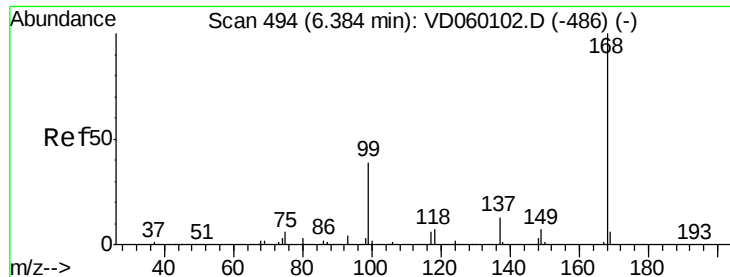
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.39 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD060205.D

Acq: 25 Oct 2018 19:59

Instrument :

MSVOA_D

ClientSampleId :

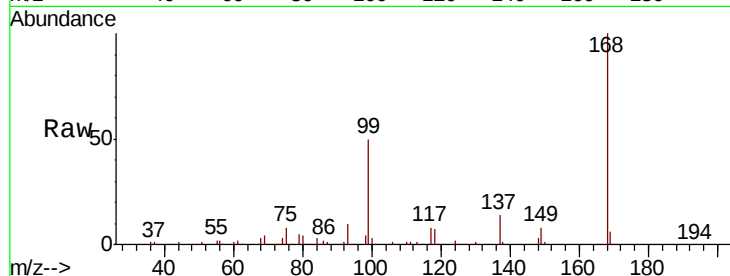
JC-TS-007

Tot Ion:168 Resp: 1533187

Ion Ratio Lower Upper

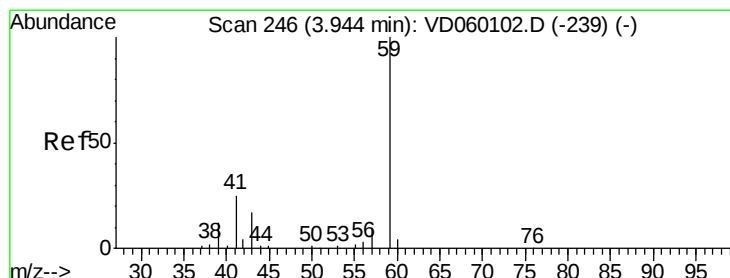
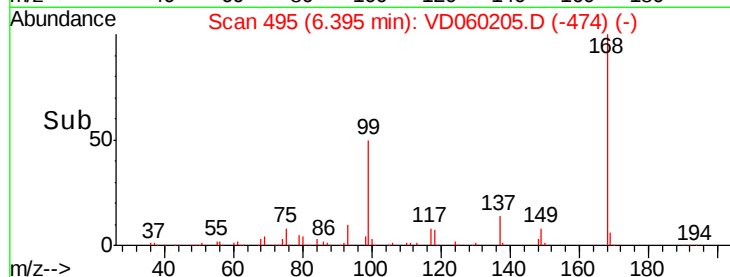
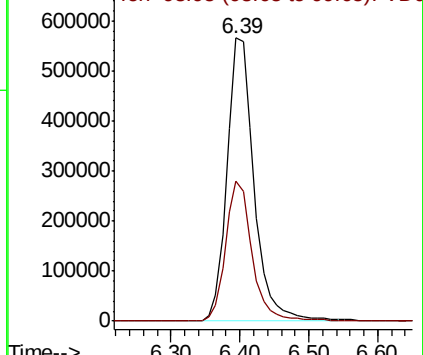
168 100

99 49.5 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 6.116 ug/l

RT: 3.87 min Scan# 238

Delta R.T. -0.08 min

Lab File: VD060205.D

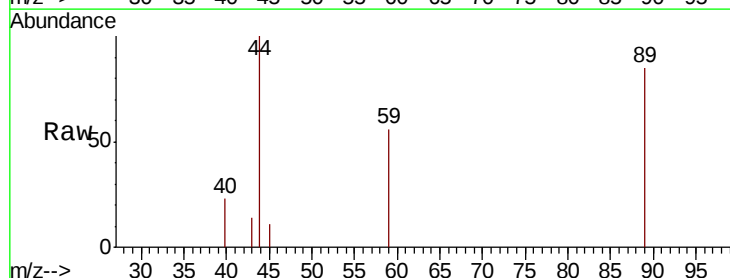
Acq: 25 Oct 2018 19:59

Tgt Ion: 59 Resp: 5098

Ion Ratio Lower Upper

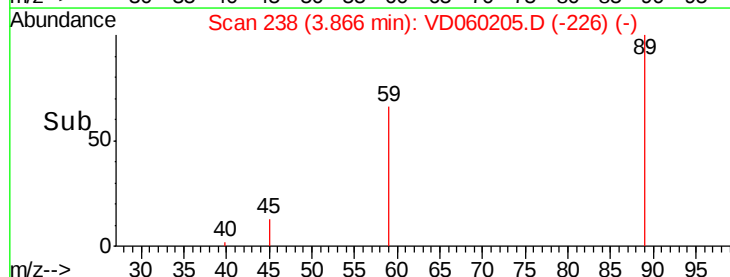
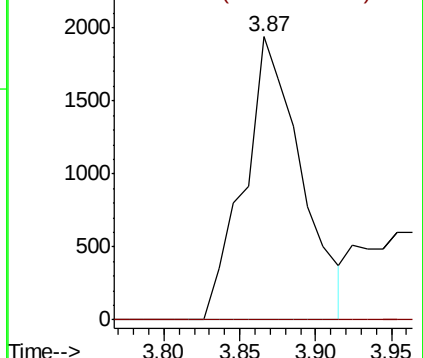
59 100

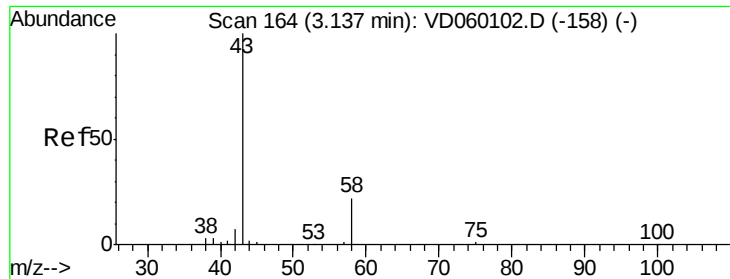
57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 3.833 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060205.D

Acq: 25 Oct 2018 19:59

Instrument :

MSVOA_D

ClientSampleId :

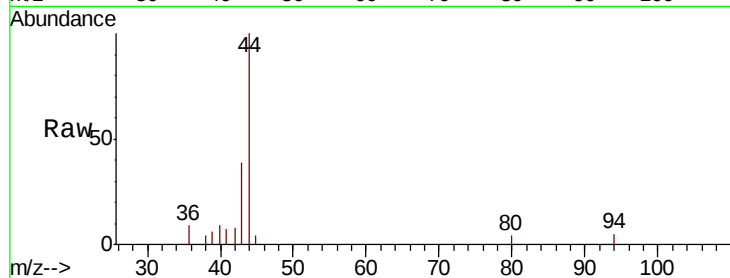
JC-TS-007

Tot Ion: 43 Resp: 8084

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

3000

2500

2000

1500

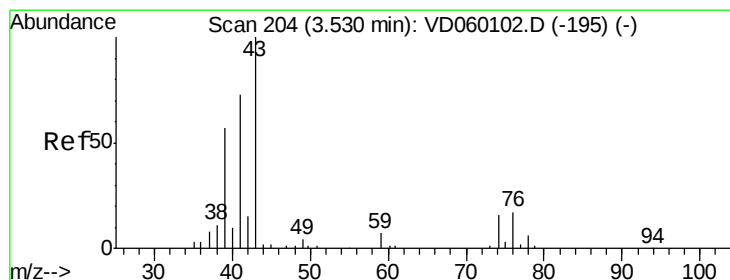
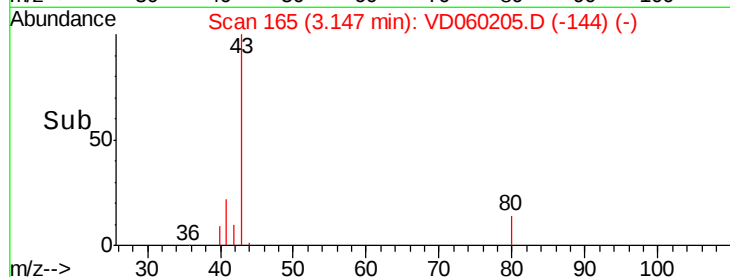
1000

500

0

Time-->

3.05 3.10 3.15 3.20 3.25



#18

Methyl Acetate

Concen: 1.363 ug/l

RT: 3.56 min Scan# 207

Delta R.T. 0.03 min

Lab File: VD060205.D

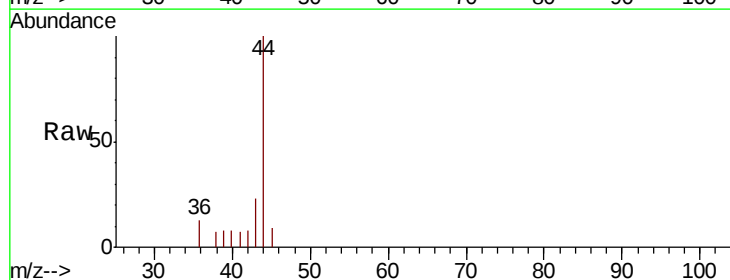
Acq: 25 Oct 2018 19:59

Tgt Ion: 43 Resp: 6178

Ion Ratio Lower Upper

43 100

74 0.0 12.6 19.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

1500

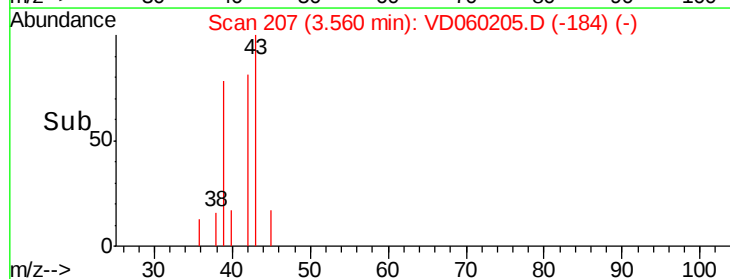
1000

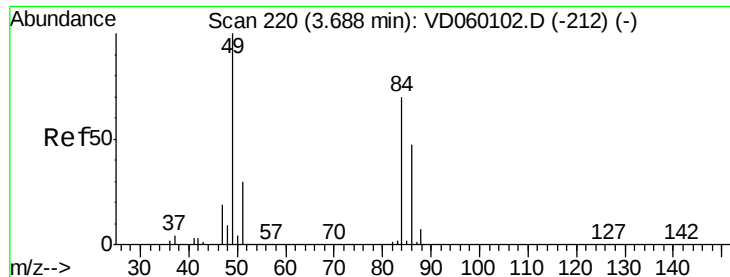
500

0

Time-->

3.45 3.50 3.55 3.60 3.65

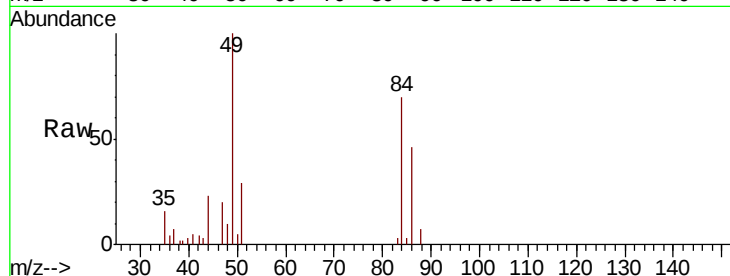




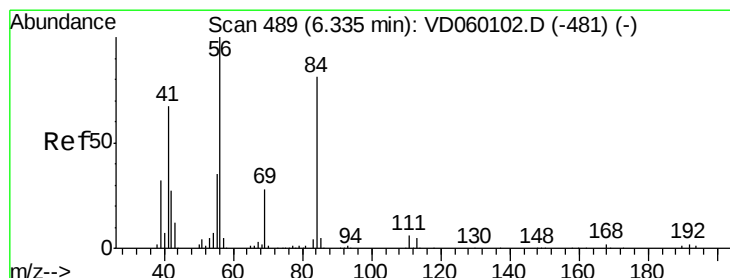
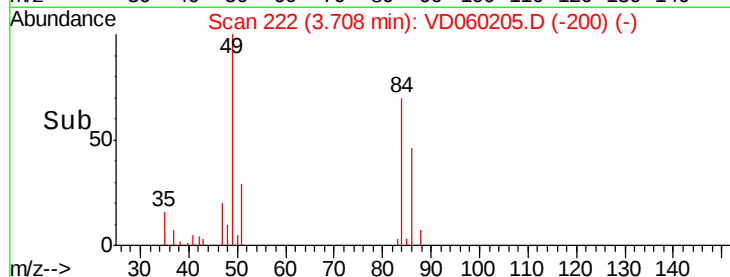
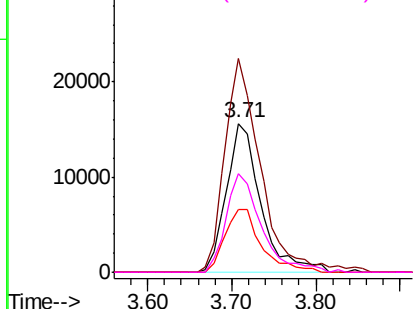
#20
Methylene Chloride
Concen: Below Cal
RT: 3.71 min Scan# 222
Delta R.T. 0.02 min
Lab File: VD060205.D
Acq: 25 Oct 2018 19:59

Instrument :
MSVOA_D
ClientSampleId :
JC-TS-007

Tot Ion: 84 Resp: 44512
Ion Ratio Lower Upper
84 100
49 143.3 114.6 172.0
51 41.7 33.8 50.8
86 66.1 53.3 79.9

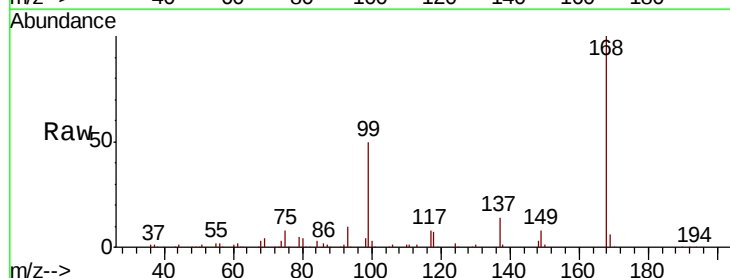


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

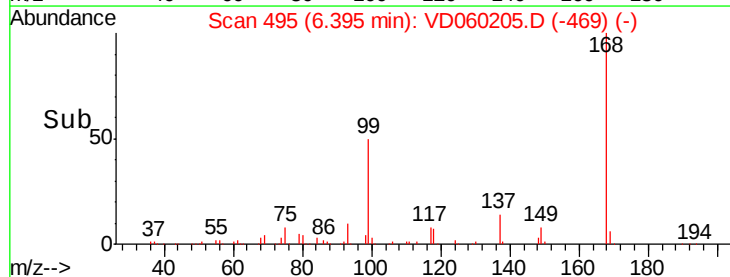
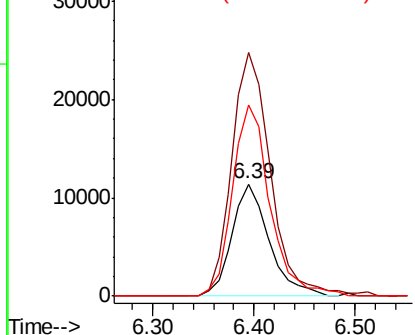


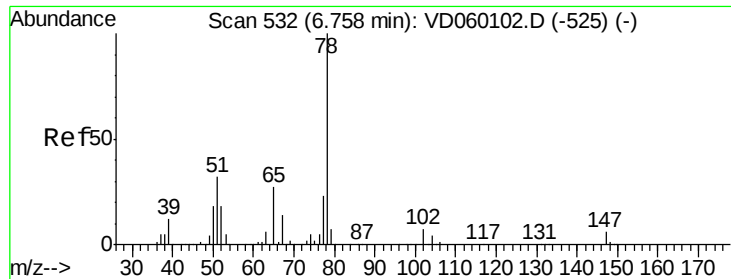
#31
Cyclohexane
Concen: 1.159 ug/l
RT: 6.39 min Scan# 495
Delta R.T. 0.06 min
Lab File: VD060205.D
Acq: 25 Oct 2018 19:59

Tgt Ion: 56 Resp: 29173
Ion Ratio Lower Upper
56 100
69 217.0 22.8 34.2#
84 170.1 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

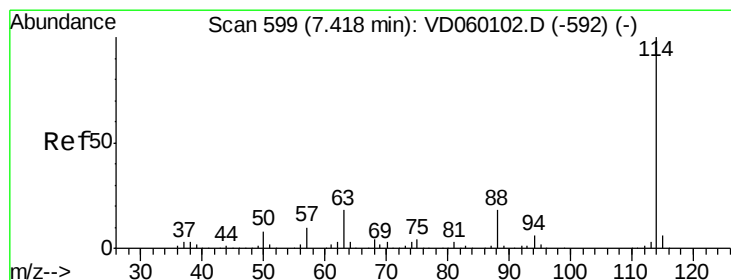
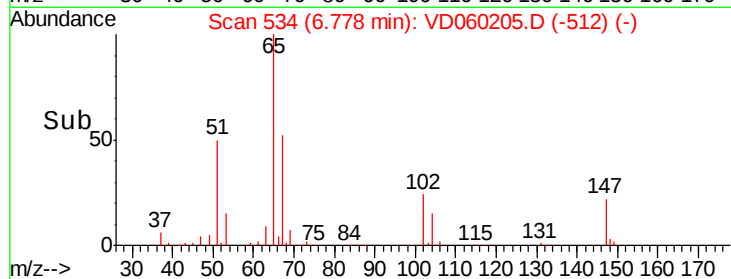
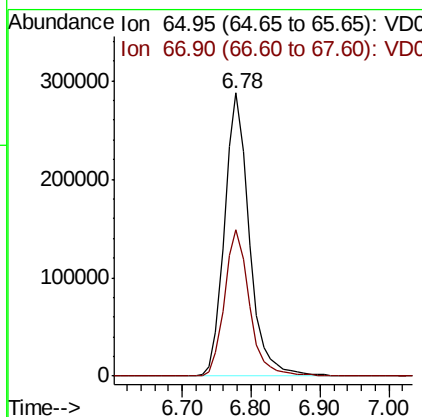
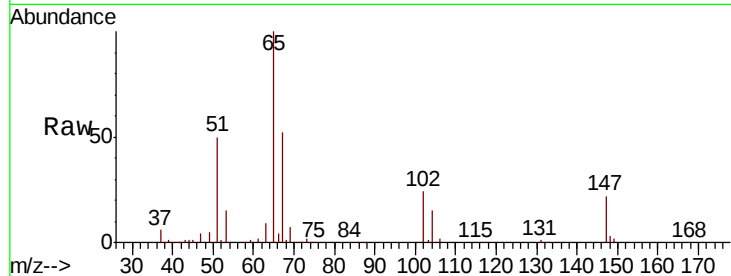




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VD060205.D
 Acq: 25 Oct 2018 19:59

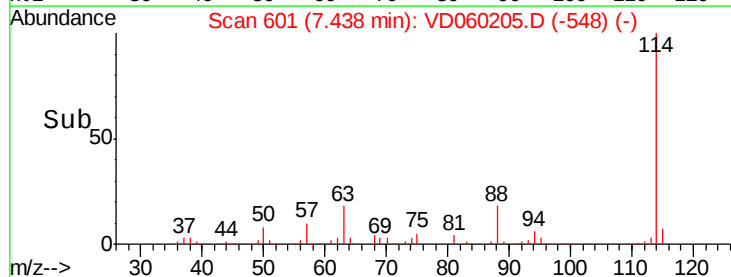
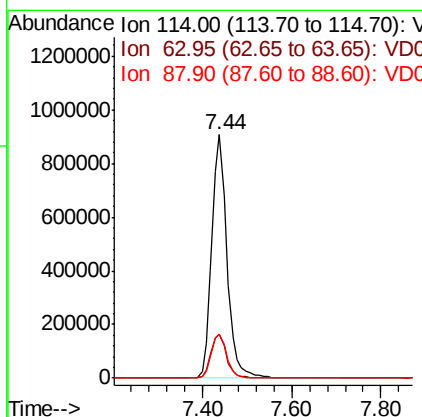
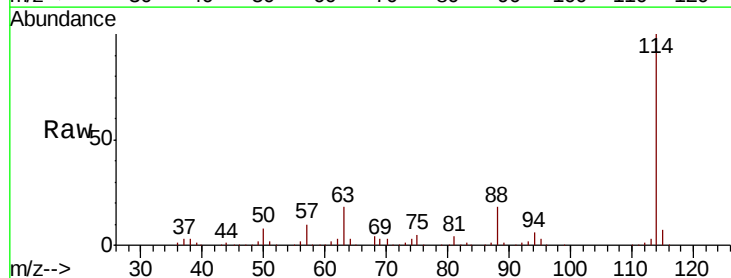
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-007

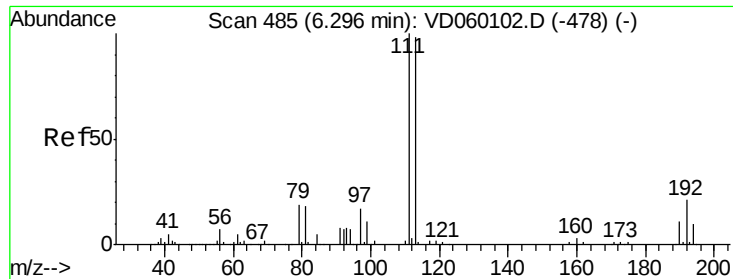
Tot Ion: 65 Resp: 719292
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060205.D
 Acq: 25 Oct 2018 19:59

Tgt Ion: 114 Resp: 2142810
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.0
 88 17.9 0.0 36.2

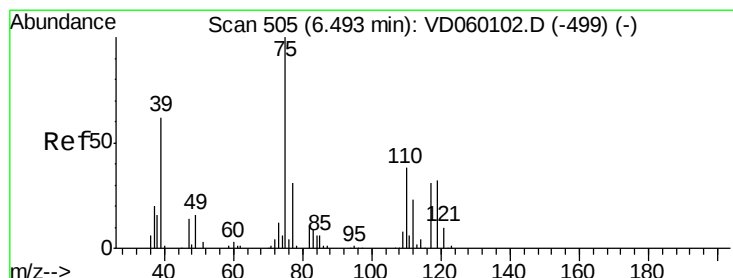
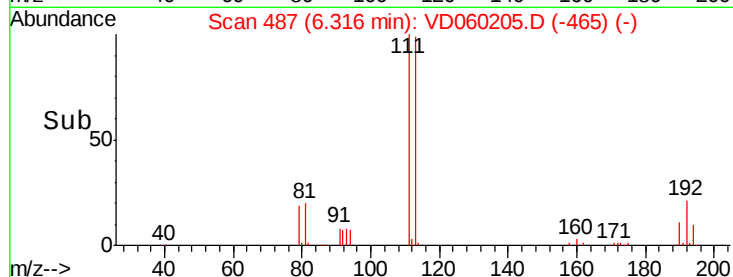
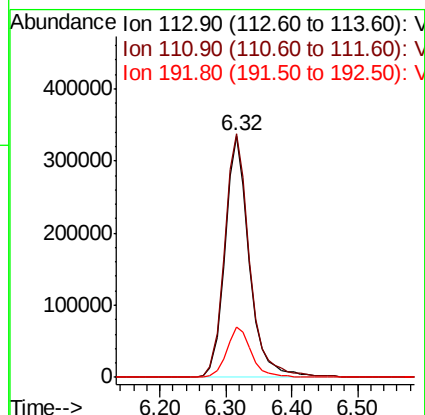
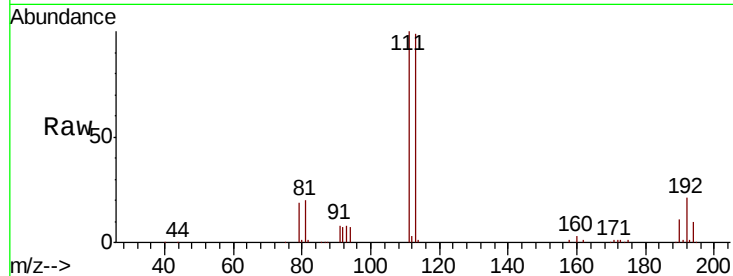




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 487
Delta R.T. 0.02 min
Lab File: VD060205.D
Acq: 25 Oct 2018 19:59

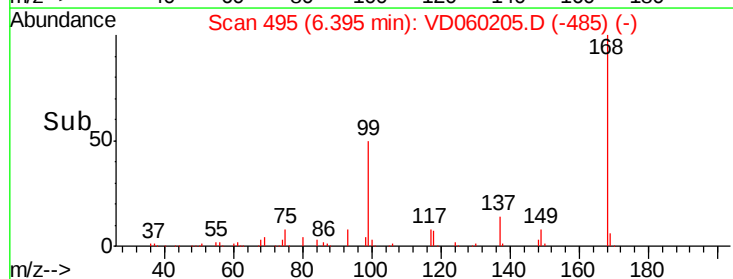
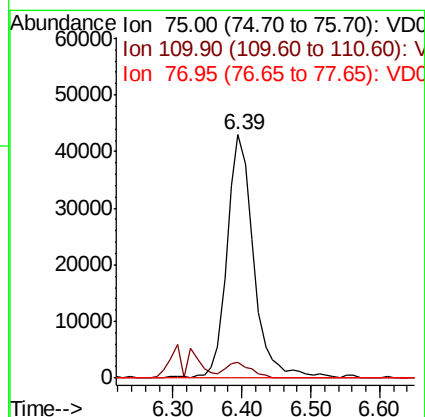
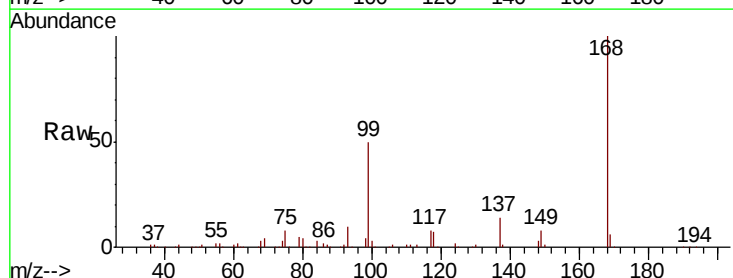
Instrument :
MSVOA_D
ClientSampleId :
JC-TS-007

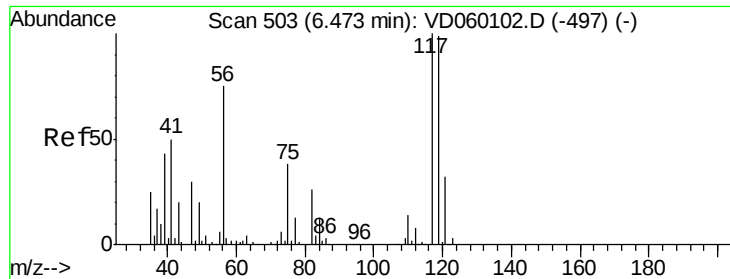
Tot Ion:113 Resp: 861065
Ion Ratio Lower Upper
113 100
111 100.9 81.5 122.3
192 21.0 17.4 26.0



#36
1,1-Dichloropropene
Concen: 5.617 ug/l
RT: 6.39 min Scan# 495
Delta R.T. -0.10 min
Lab File: VD060205.D
Acq: 25 Oct 2018 19:59

Tgt Ion: 75 Resp: 115010
Ion Ratio Lower Upper
75 100
110 6.6 19.0 57.0#
77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.560 ug/l

RT: 6.39 min Scan# 495

Delta R.T. -0.08 min

Lab File: VD060205.D

Acq: 25 Oct 2018 19:59

Instrument :

MSVOA_D

ClientSampleId :

JC-TS-007

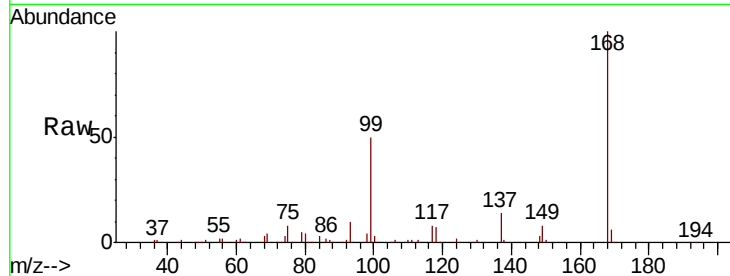
Tot Ion:117 Resp: 121908

Ion Ratio Lower Upper

117 100

119 4.3 77.8 116.6#

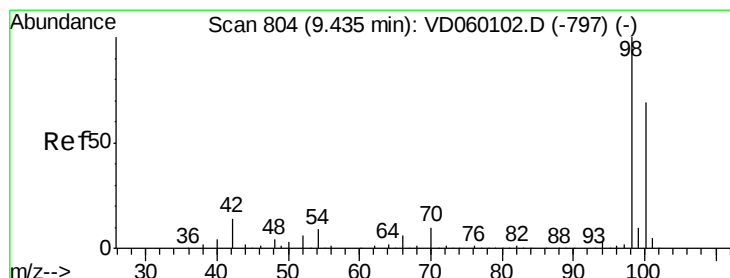
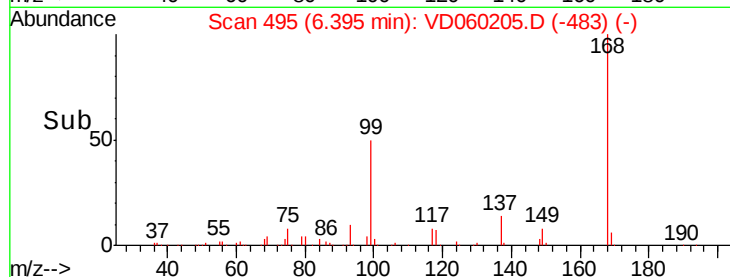
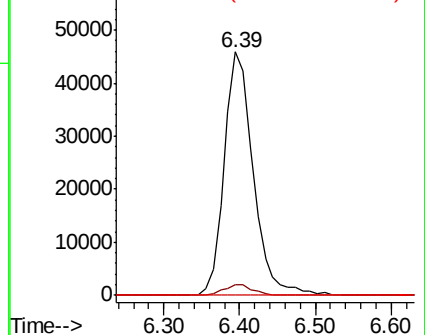
121 0.0 24.8 37.2#



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: 9.46 min Scan# 806

Delta R.T. 0.02 min

Lab File: VD060205.D

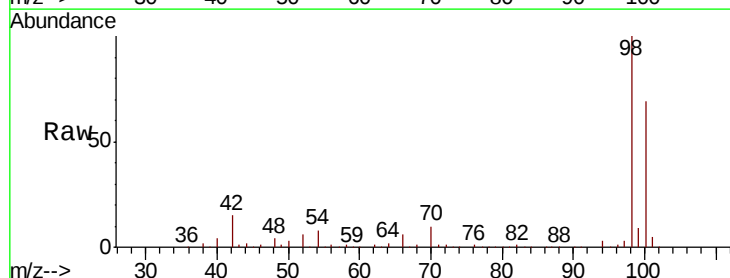
Acq: 25 Oct 2018 19:59

Tgt Ion: 98 Resp: 2222224

Ion Ratio Lower Upper

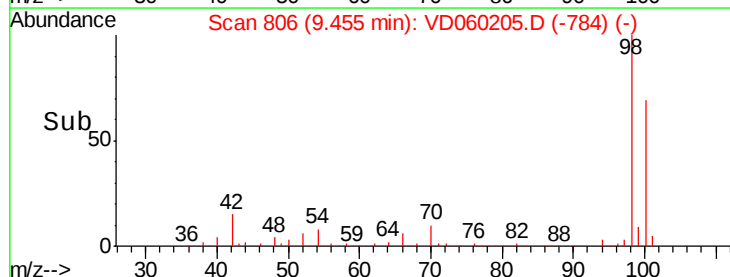
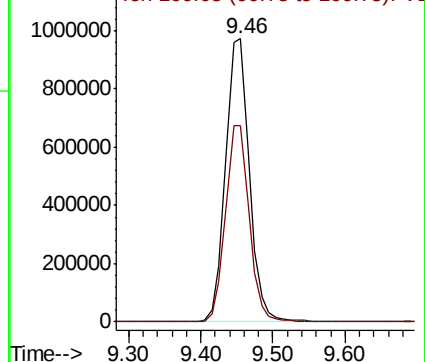
98 100

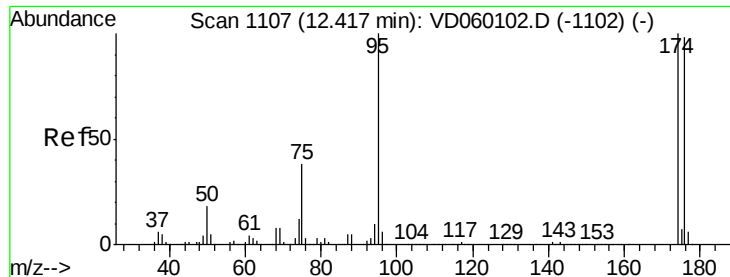
100 69.2 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060205.D

Acq: 25 Oct 2018 19:59

Instrument :

MSVOA_D

ClientSampleId :

JC-TS-007

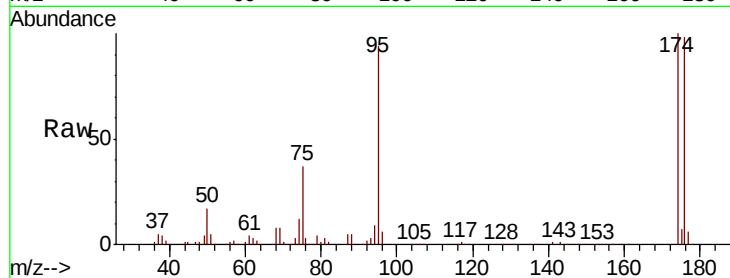
Tot Ion: 95 Resp: 696823

Ion Ratio Lower Upper

95 100

174 106.0 0.0 200.2

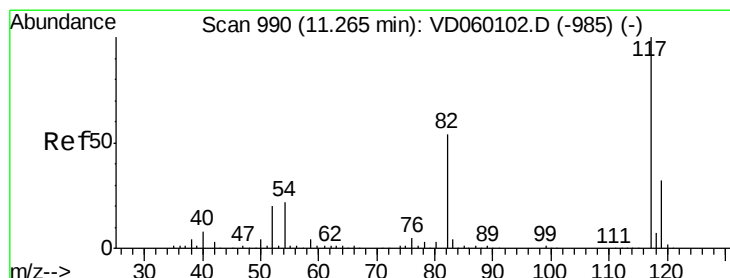
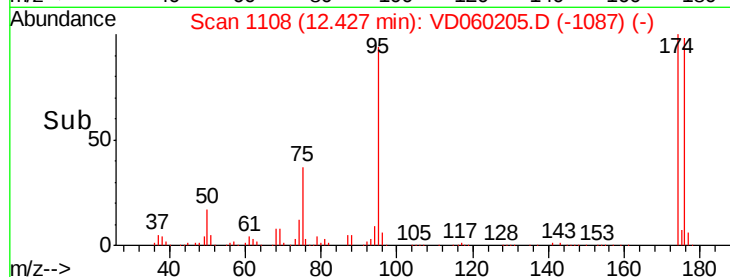
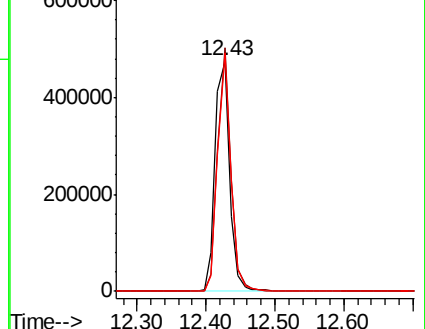
176 103.6 0.0 195.6



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# 991

Delta R.T. 0.01 min

Lab File: VD060205.D

Acq: 25 Oct 2018 19:59

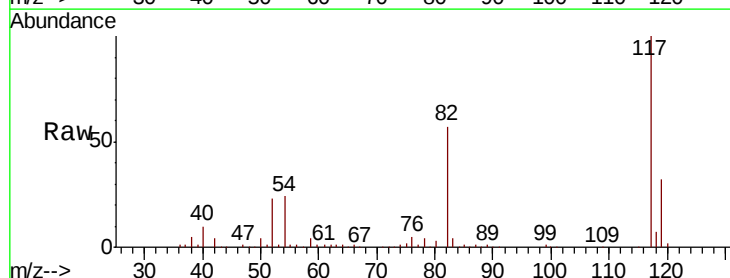
Tgt Ion: 117 Resp: 1529505

Ion Ratio Lower Upper

117 100

82 56.7 43.4 65.2

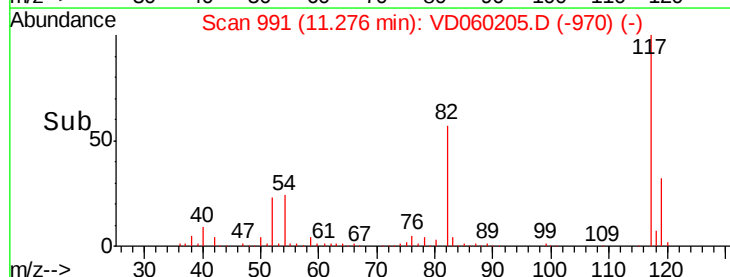
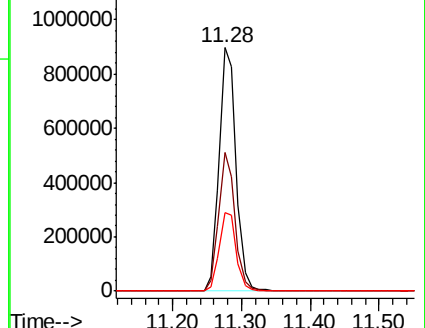
119 32.3 26.0 39.0

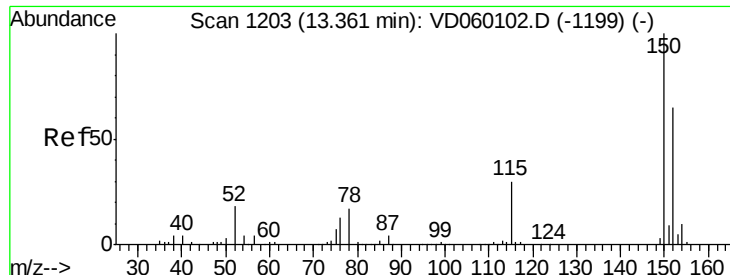


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD060205.D

Acq: 25 Oct 2018 19:59

Instrument :

MSVOA_D

ClientSampleId :

JC-TS-007

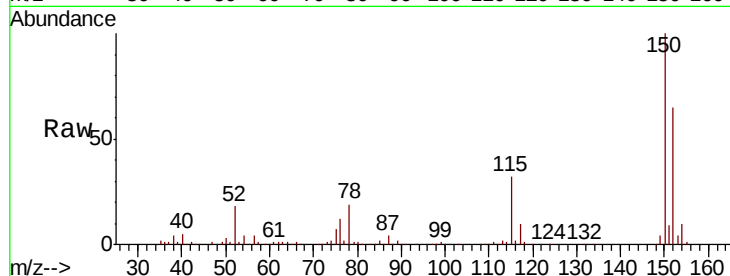
Tot Ion:152 Resp: 607570

Ion Ratio Lower Upper

152 100

115 50.0 27.1 81.2

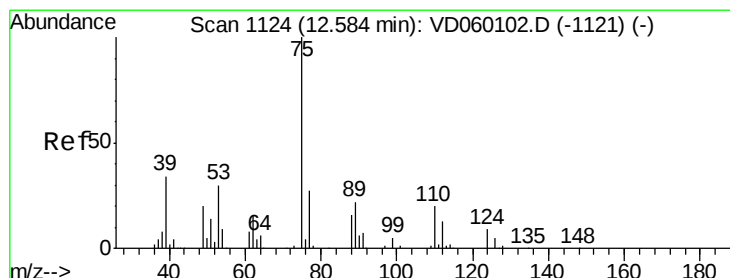
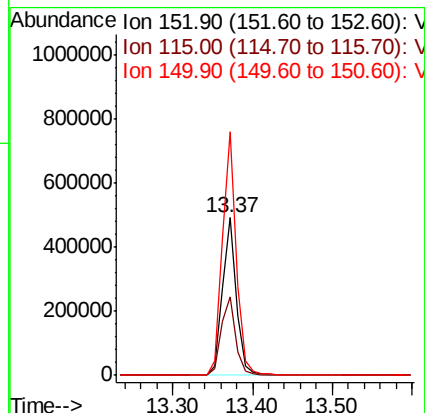
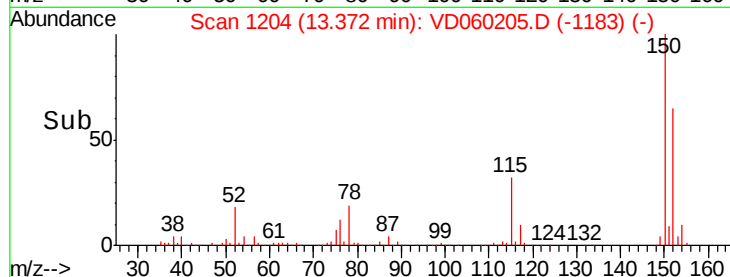
150 154.7 0.0 311.8



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: 30.413 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.17 min

Lab File: VD060205.D

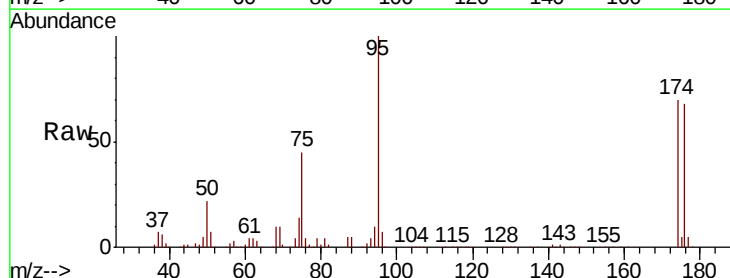
Acq: 25 Oct 2018 19:59

Tgt Ion: 75 Resp: 266104

Ion Ratio Lower Upper

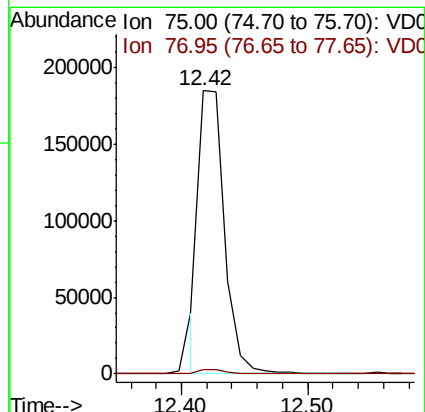
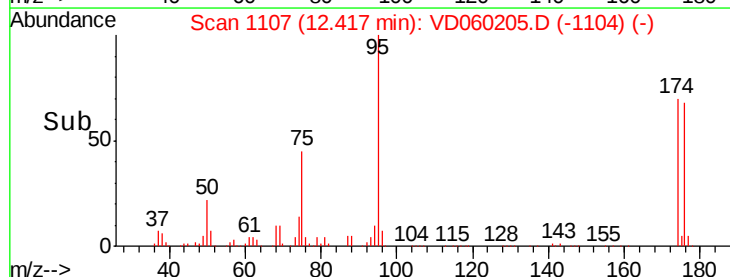
75 100

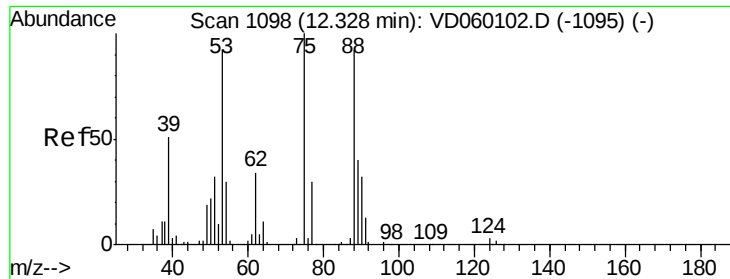
77 1.3 16.3 48.9#



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: 117.957 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.09 min

Lab File: VD060205.D

Acq: 25 Oct 2018 19:59

Instrument :

MSVOA_D

ClientSampleId :

JC-TS-007

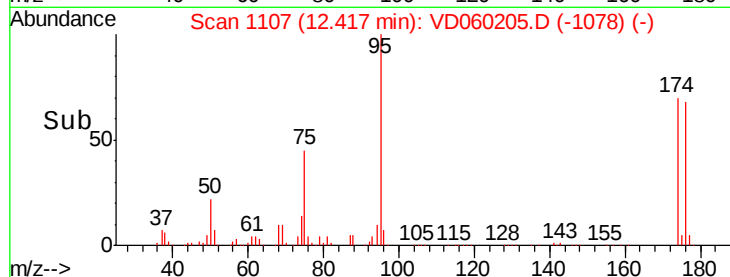
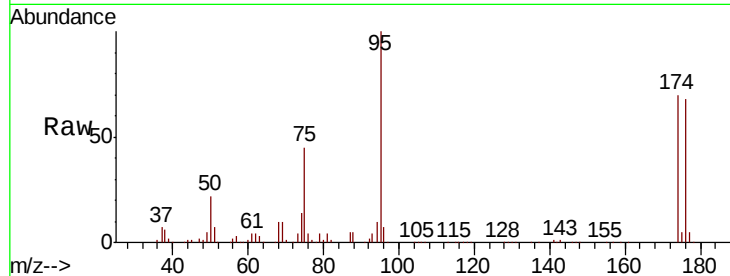
Tot Ion: 75 Resp: 290004

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

