

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102518\
 Data File : VD060202.D
 Acq On : 25 Oct 2018 18:35
 Operator : JC/SY
 Sample : J5658-06
 Misc : 5.11g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-004

Quant Time: Oct 26 03:43:36 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	1667992	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2255107	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1680074	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	598037	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	687648	54.39	ug/l	0.02
Spiked Amount			Recovery	=	108.78%	
35) Dibromofluoromethane	6.32	113	849665	49.62	ug/l	0.02
Spiked Amount			Recovery	=	99.24%	
50) Toluene-d8	9.46	98	2235735	45.78	ug/l	0.02
Spiked Amount			Recovery	=	91.56%	
62) 4-Bromofluorobenzene	12.42	95	712688	38.98	ug/l	0.00
Spiked Amount			Recovery	=	77.96%	

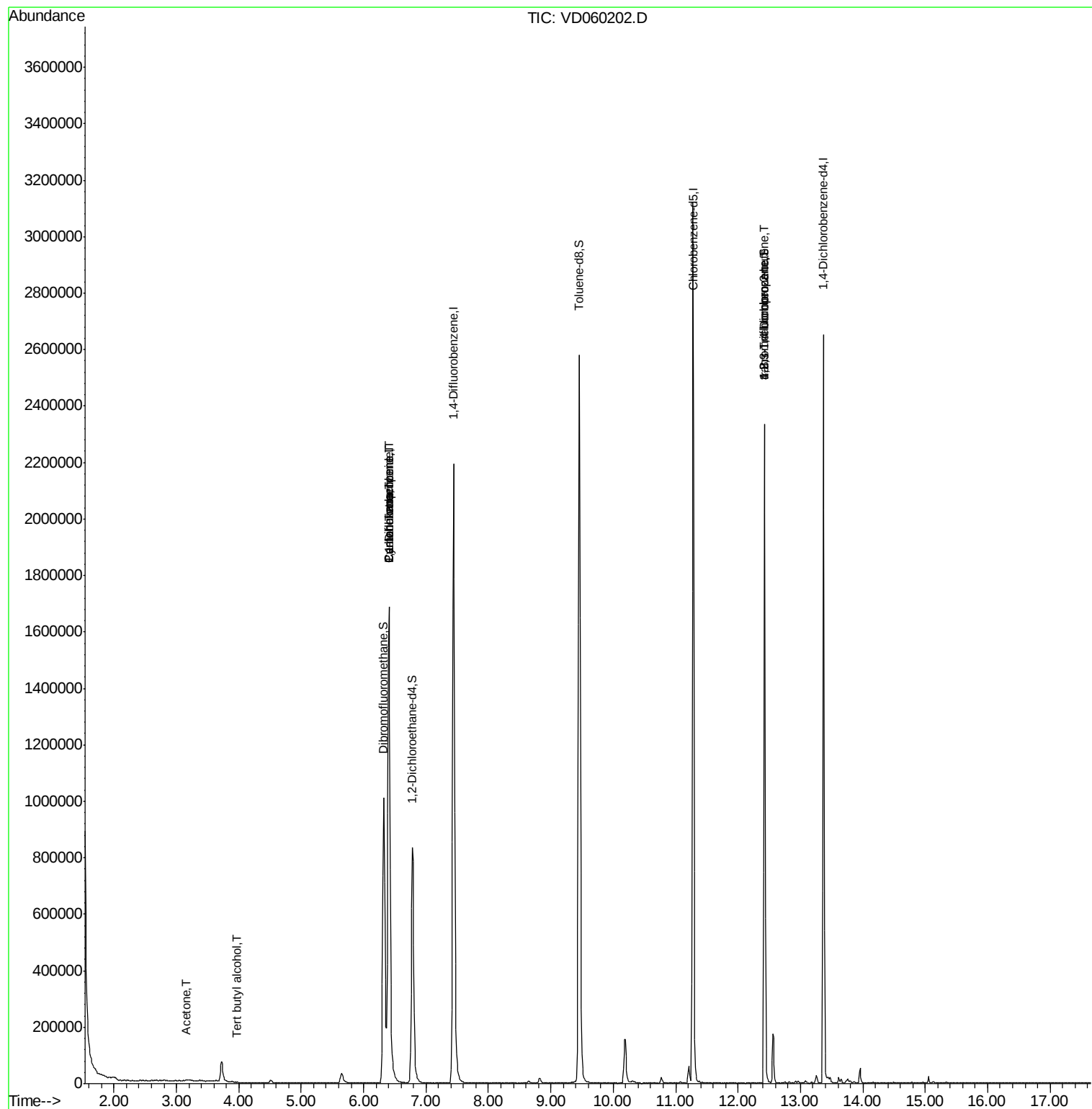
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.97	59	2041	2.251	ug/l #	74
16) Acetone	3.16	43	12396	5.403	ug/l #	85
20) Methylene Chloride	3.72	84	45279	Below Cal		98
31) Cyclohexane	6.40	56	31220	1.140	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	121856	5.655	ug/l #	47
38) Carbon Tetrachloride	6.41	117	130706	6.683	ug/l #	15
76) 1,2,3-Trichloropropane	12.42	75	285605	33.162	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.42	75	290479	120.033	ug/l #	13

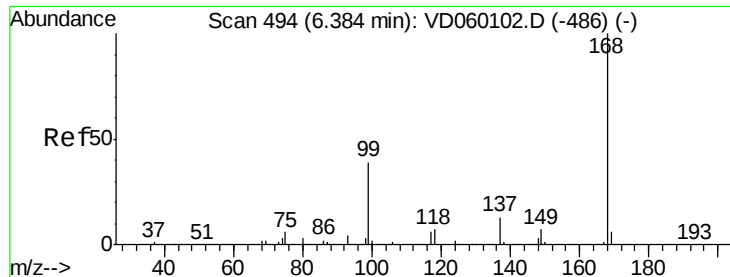
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102518\
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ClientSampleId :
JC-TS-004

Quant Time: Oct 26 03:43:36 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# 496

Delta R.T. 0.02 min

Lab File: VD060202.D

Acq: 25 Oct 2018 18:35

Instrument :

MSVOA_D

ClientSampleId :

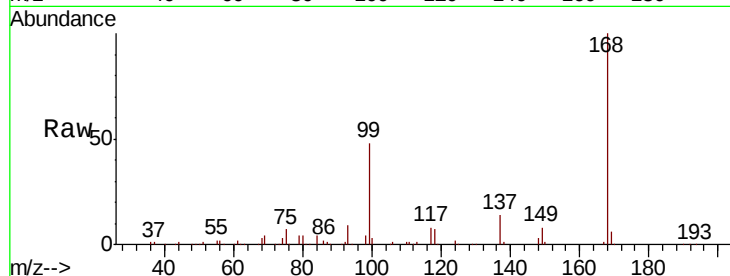
JC-TS-004

Tot Ion:168 Resp: 1667992

Ion Ratio Lower Upper

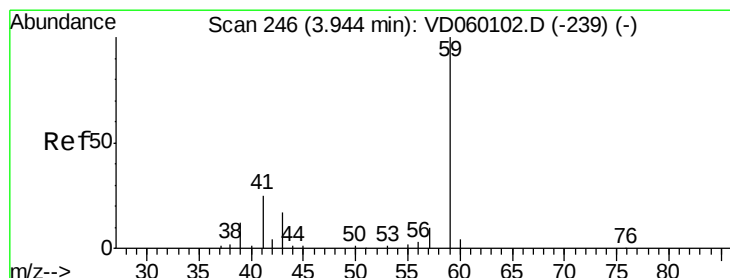
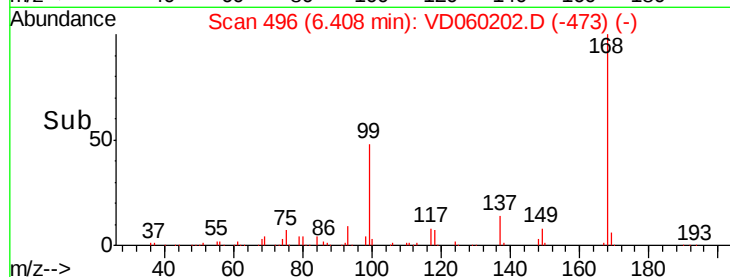
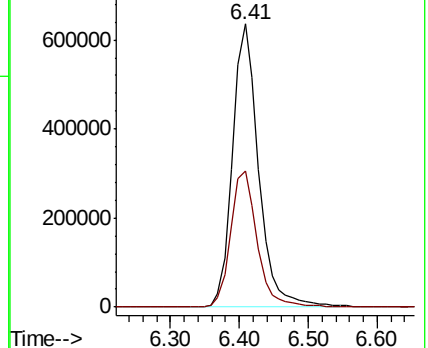
168 100

99 48.3 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: 2.251 ug/l

RT: 3.97 min Scan# 248

Delta R.T. 0.02 min

Lab File: VD060202.D

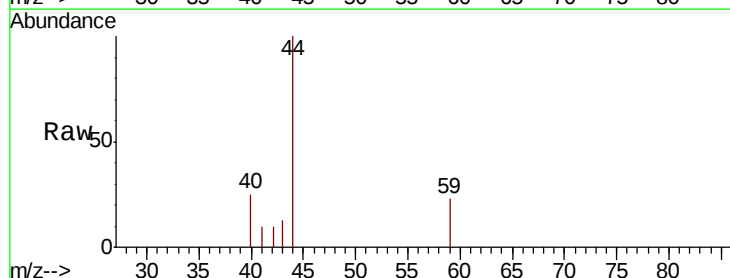
Acq: 25 Oct 2018 18:35

Tgt Ion: 59 Resp: 2041

Ion Ratio Lower Upper

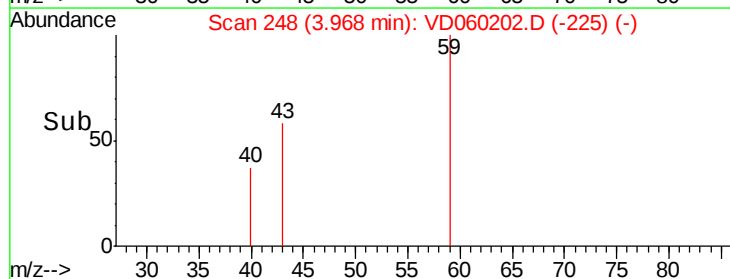
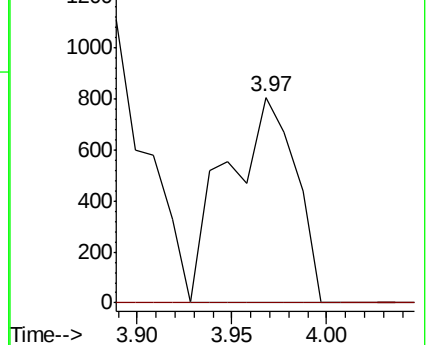
59 100

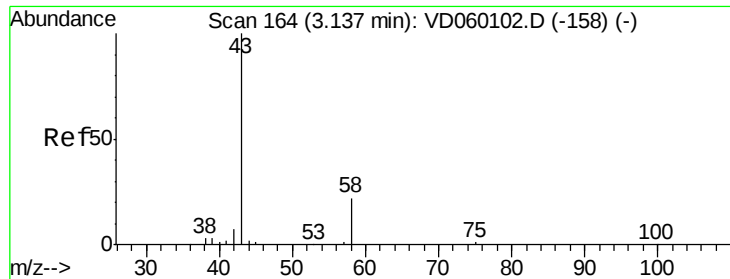
57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 5.403 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060202.D

Acq: 25 Oct 2018 18:35

Instrument :

MSVOA_D

ClientSampleId :

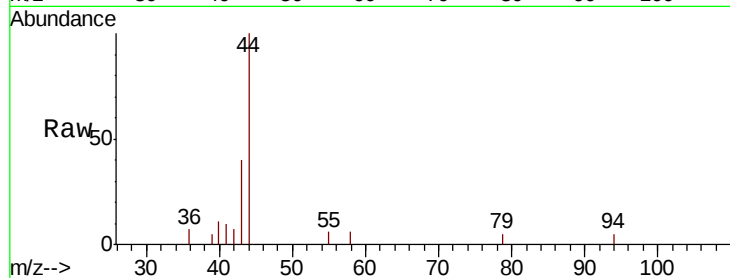
JC-TS-004

Tot Ion: 43 Resp: 12396

Ion Ratio Lower Upper

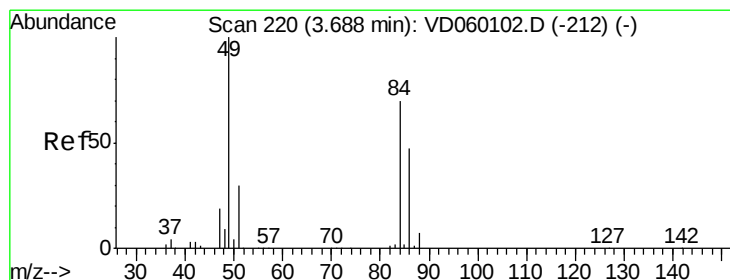
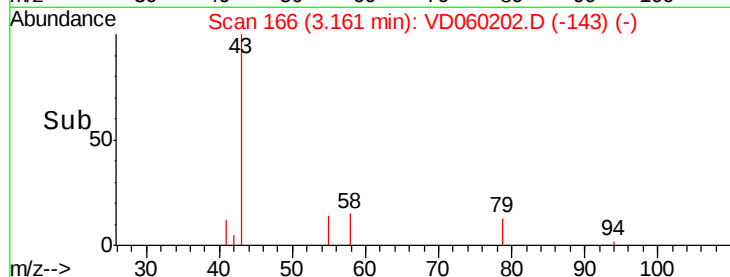
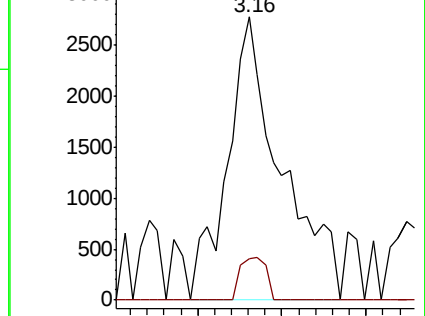
43 100

58 14.9 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: VD060202.D

Acq: 25 Oct 2018 18:35

Tgt Ion: 84 Resp: 45279

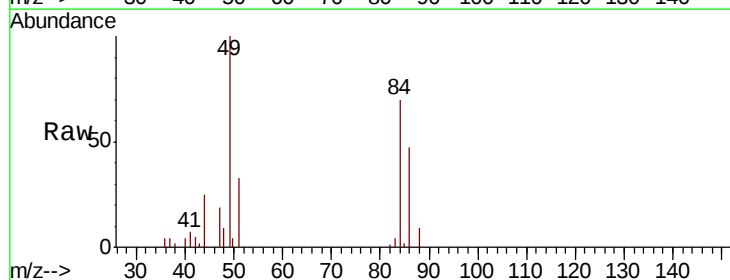
Ion Ratio Lower Upper

84 100

49 143.2 114.6 172.0

51 47.1 33.8 50.8

86 67.7 53.3 79.9

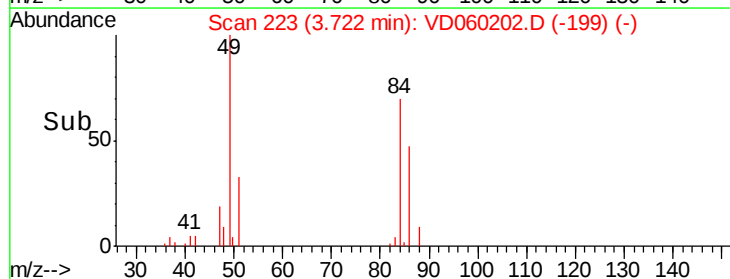
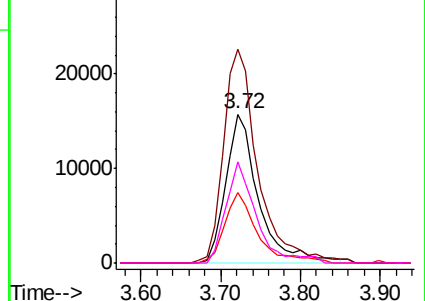


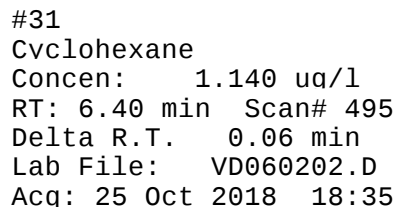
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

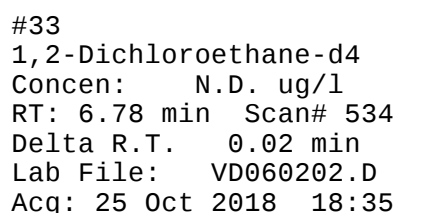
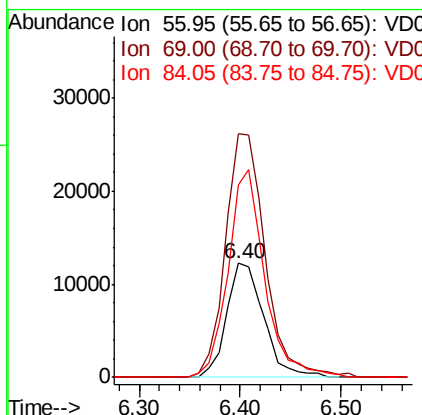
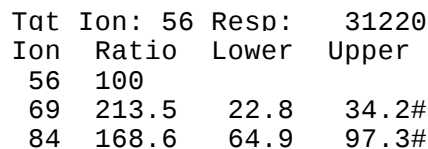
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

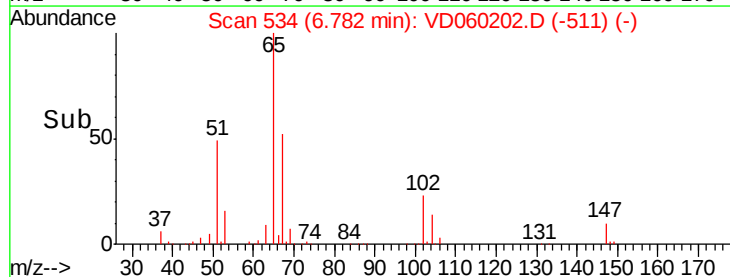
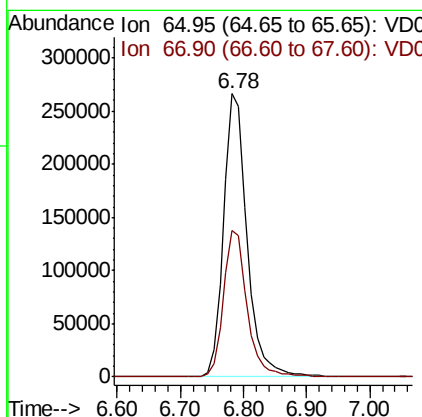


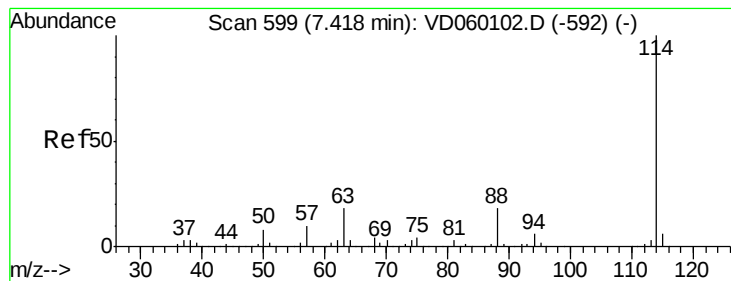


Instrument :
MSVOA_D
ClientSampleId :
JC-TS-004



Tgt	Ion: 65	Resp:	687648
Ion	Ratio	Lower	Upper
65	100		
67	51.6	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: VD060202.D

Acq: 25 Oct 2018 18:35

Instrument :

MSVOA_D

ClientSampleId :

JC-TS-004

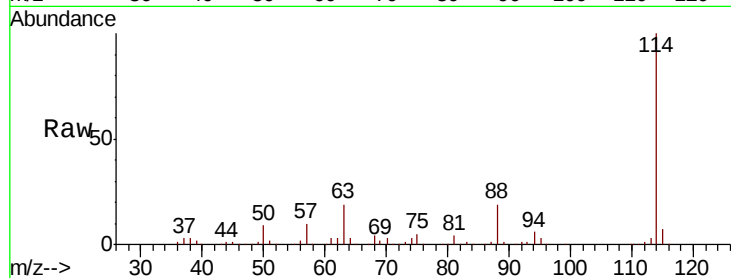
Tot Ion:114 Resp: 2255107

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.0

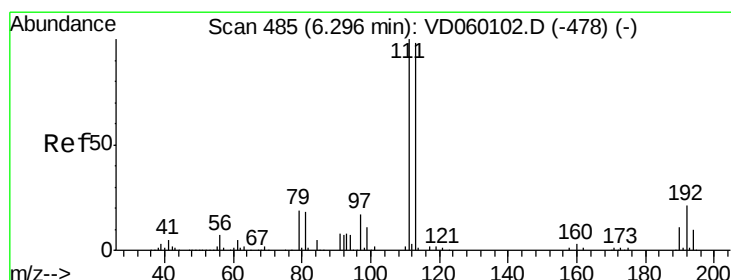
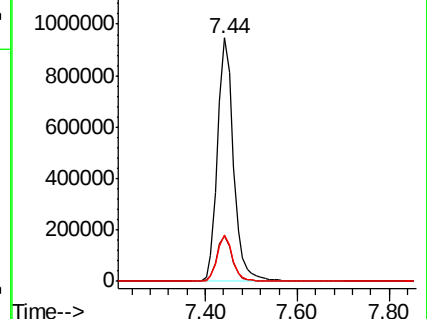
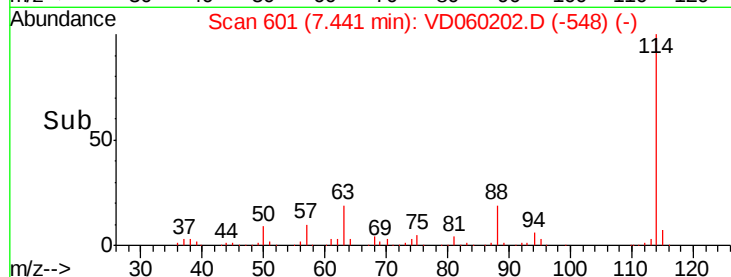
88 19.1 0.0 36.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.32 min Scan# 487

Delta R.T. 0.02 min

Lab File: VD060202.D

Acq: 25 Oct 2018 18:35

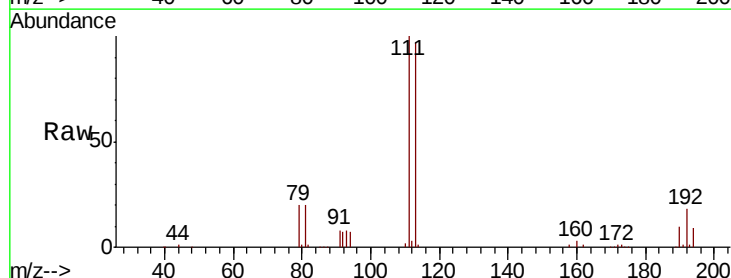
Tgt Ion:113 Resp: 849665

Ion Ratio Lower Upper

113 100

111 103.5 81.5 122.3

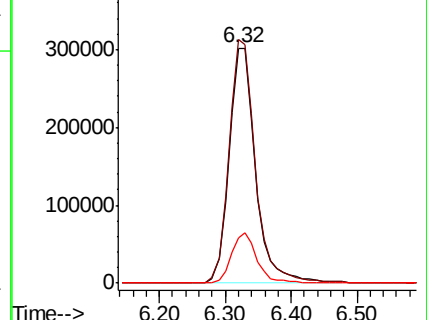
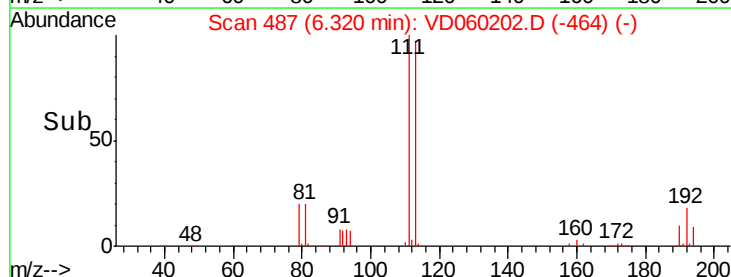
192 19.1 17.4 26.0

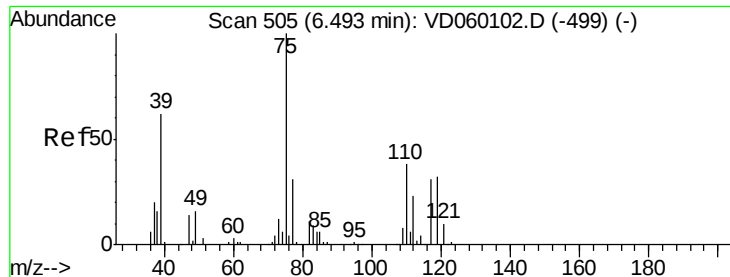


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.655 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.08 min

Lab File: VD060202.D

Acq: 25 Oct 2018 18:35

Instrument :

MSVOA_D

ClientSampleId :

JC-TS-004

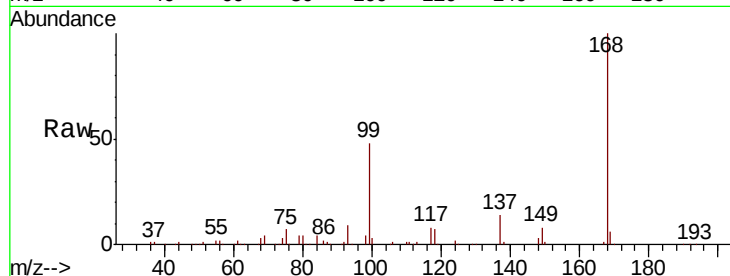
Tot Ion: 75 Resp: 121856

Ion Ratio Lower Upper

75 100

110 7.6 19.0 57.0#

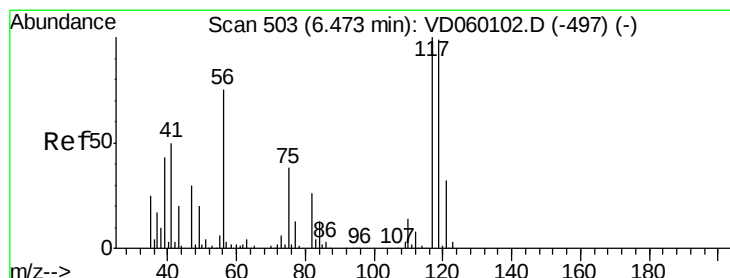
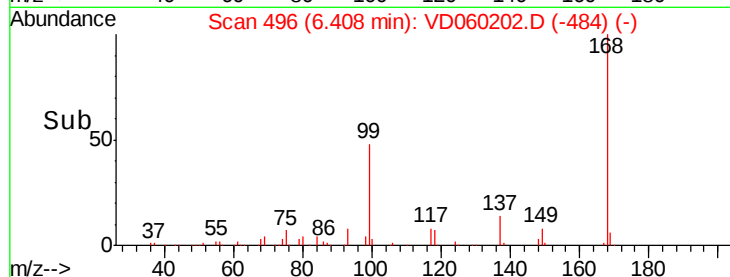
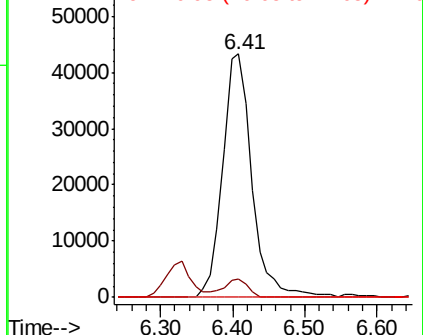
77 0.0 24.9 37.3#



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: 6.683 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.06 min

Lab File: VD060202.D

Acq: 25 Oct 2018 18:35

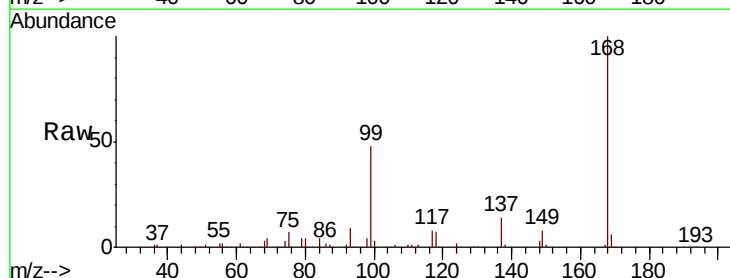
Tgt Ion: 117 Resp: 130706

Ion Ratio Lower Upper

117 100

119 4.3 77.8 116.6#

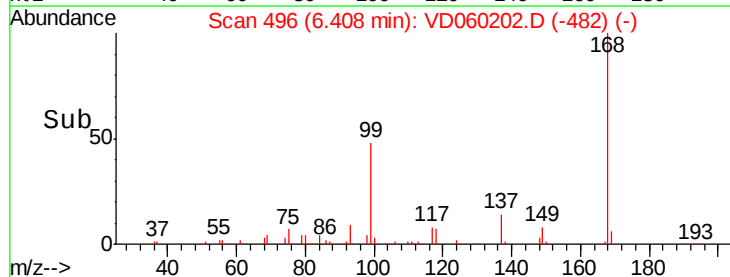
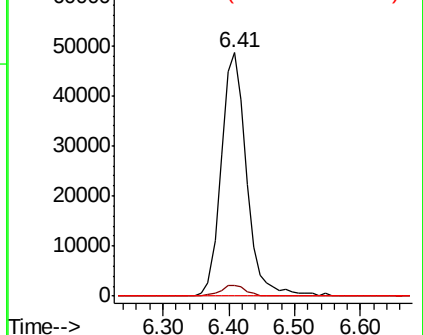
121 0.0 24.8 37.2#

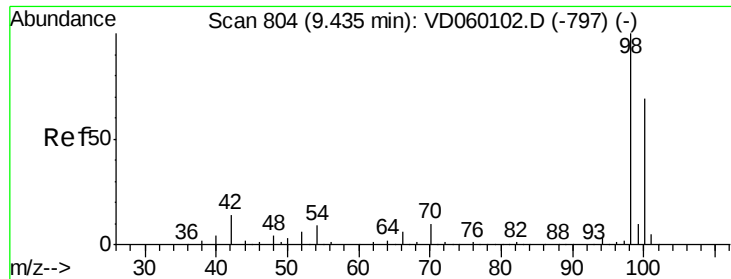


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

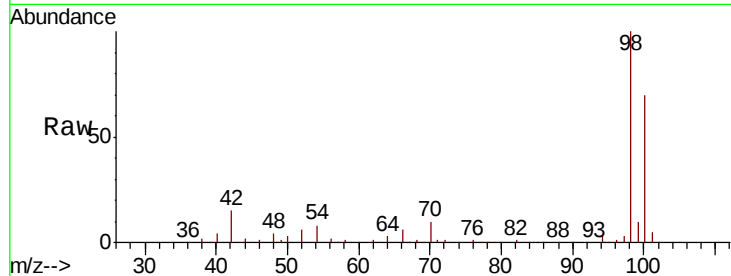




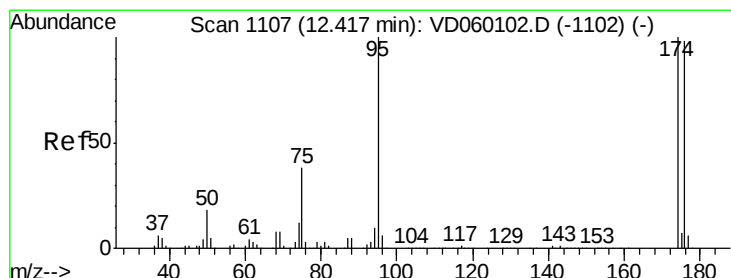
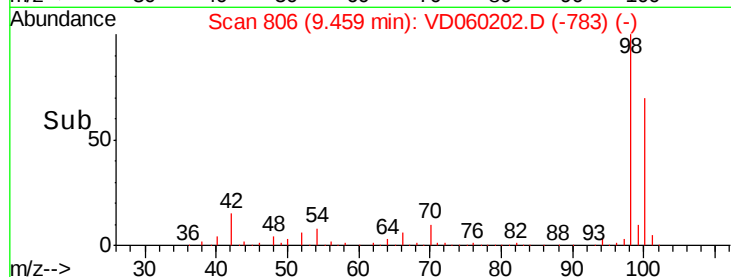
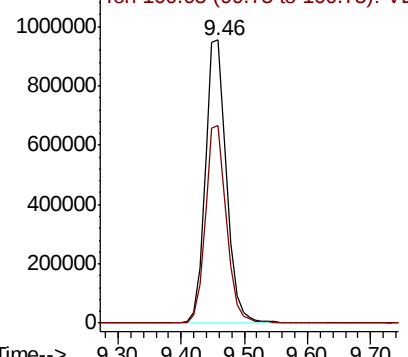
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060202.D
Acq: 25 Oct 2018 18:35

Instrument :
MSVOA_D
ClientSampleId :
JC-TS-004

Tot Ion: 98 Resp: 2235735
Ion Ratio Lower Upper
98 100
100 69.7 55.4 83.0

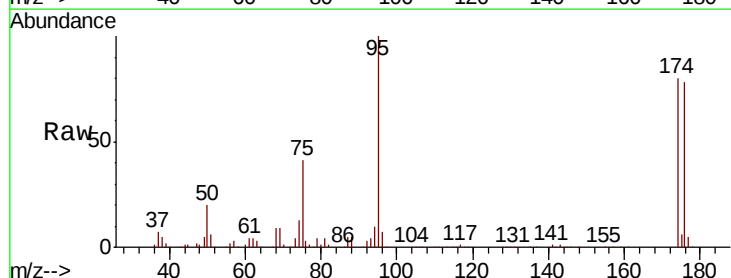


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

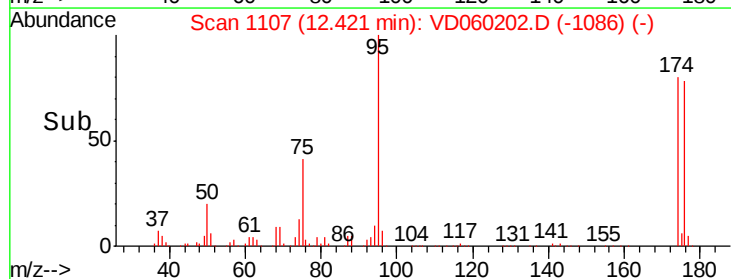
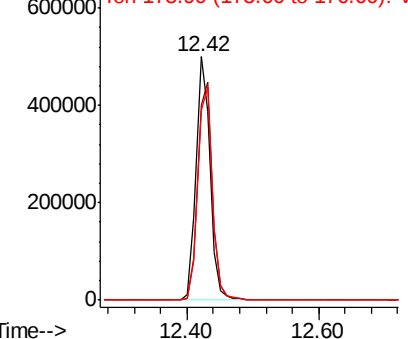


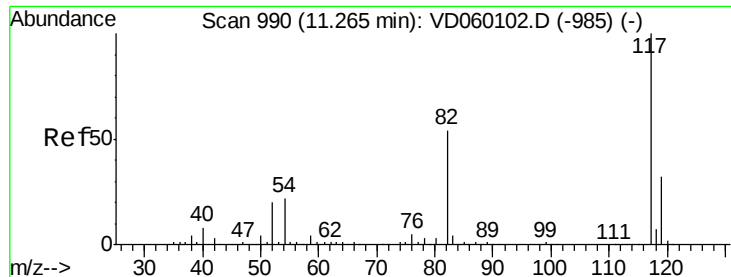
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD060202.D
Acq: 25 Oct 2018 18:35

Tgt Ion: 95 Resp: 712688
Ion Ratio Lower Upper
95 100
174 80.1 0.0 200.2
176 78.2 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
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: VD060202.D

Acq: 25 Oct 2018 18:35

Instrument :

MSVOA_D

ClientSampleId :

JC-TS-004

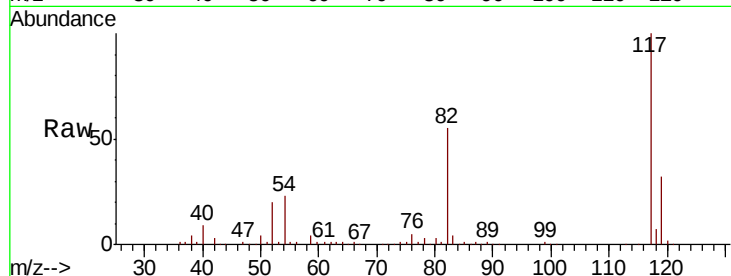
Tot Ion:117 Resp: 1680074

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.2

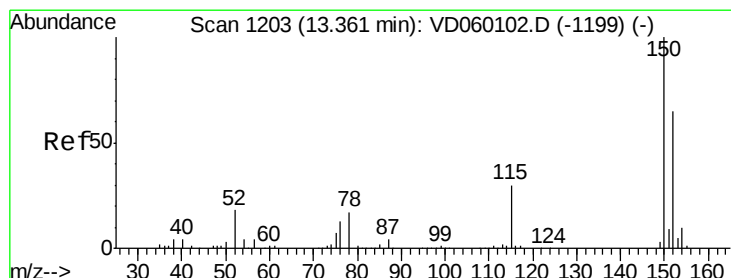
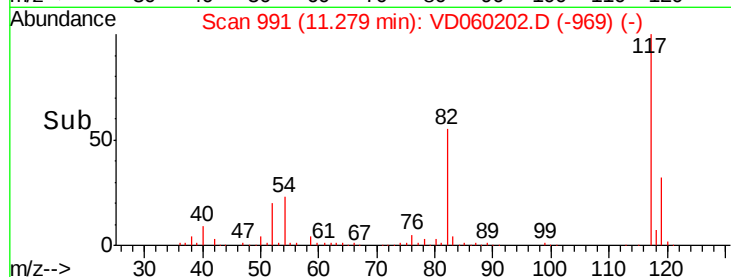
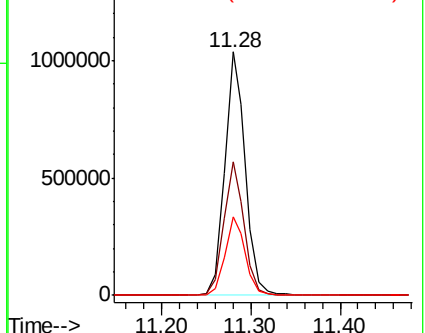
119 32.1 26.0 39.0



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# 1203

Delta R.T. 0.00 min

Lab File: VD060202.D

Acq: 25 Oct 2018 18:35

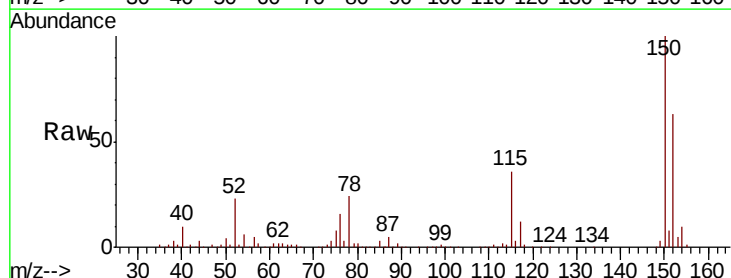
Tgt Ion:152 Resp: 598037

Ion Ratio Lower Upper

152 100

115 57.1 27.1 81.2

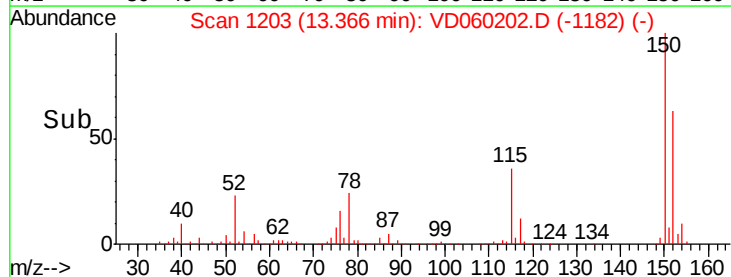
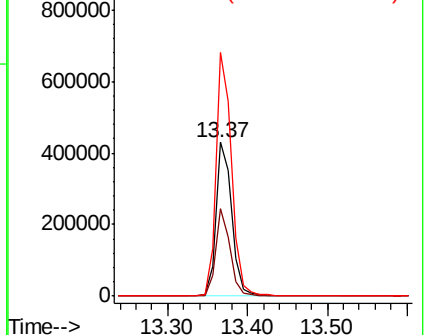
150 158.2 0.0 311.8

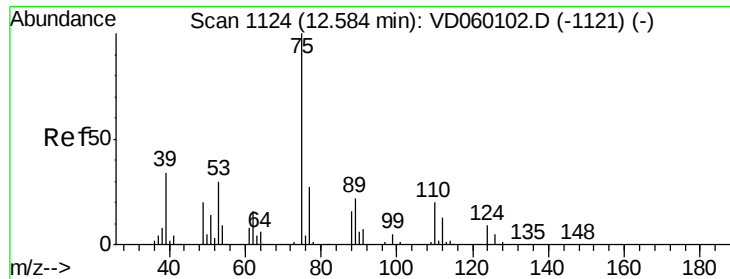


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 33.162 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.16 min

Lab File: VD060202.D

Acq: 25 Oct 2018 18:35

Instrument :

MSVOA_D

ClientSampleId :

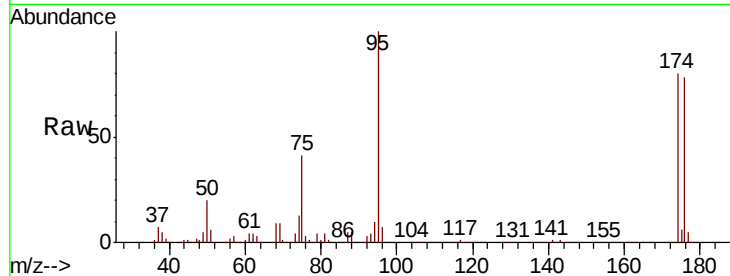
JC-TS-004

Tot Ion: 75 Resp: 285605

Ion Ratio Lower Upper

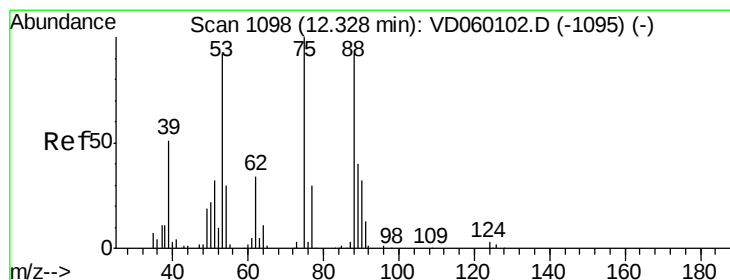
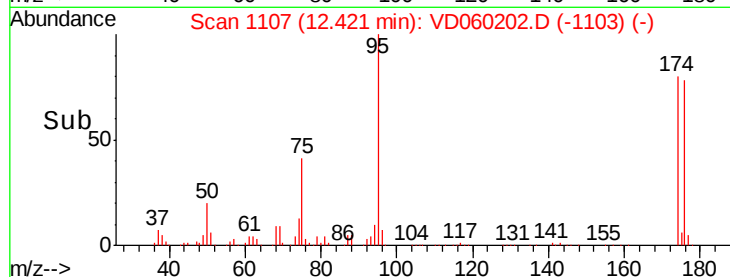
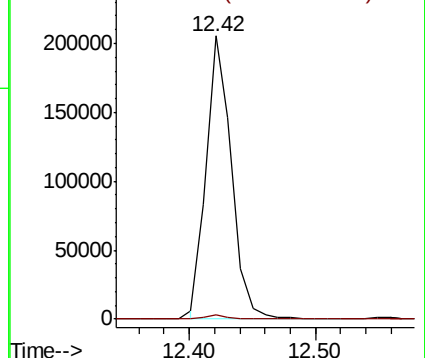
75 100

77 1.4 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: 120.033 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.09 min

Lab File: VD060202.D

Acq: 25 Oct 2018 18:35

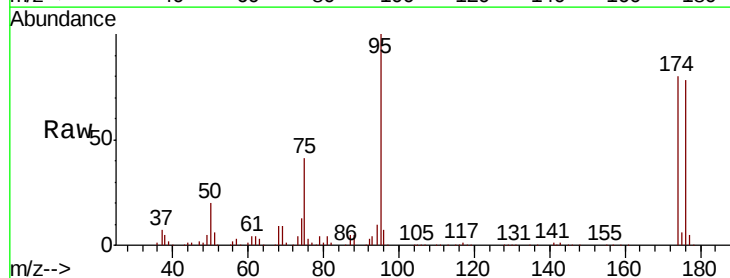
Tgt Ion: 75 Resp: 290479

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

