

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
 Data File : VD060606.D
 Acq On : 17 Dec 2018 18:23
 Operator : VA/AP
 Sample : J6445-01
 Misc : 4.57g/5ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB06_1-3

Quant Time: Dec 18 11:17:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1221528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1717320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1217914	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	478507	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	471954	54.51	ug/l	0.00
Spiked Amount			Recovery	=	109.02%	
35) Dibromofluoromethane	6.33	113	629154	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
50) Toluene-d8	9.46	98	1683467	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.44	95	500390	38.31	ug/l	0.00
Spiked Amount			Recovery	=	76.62%	

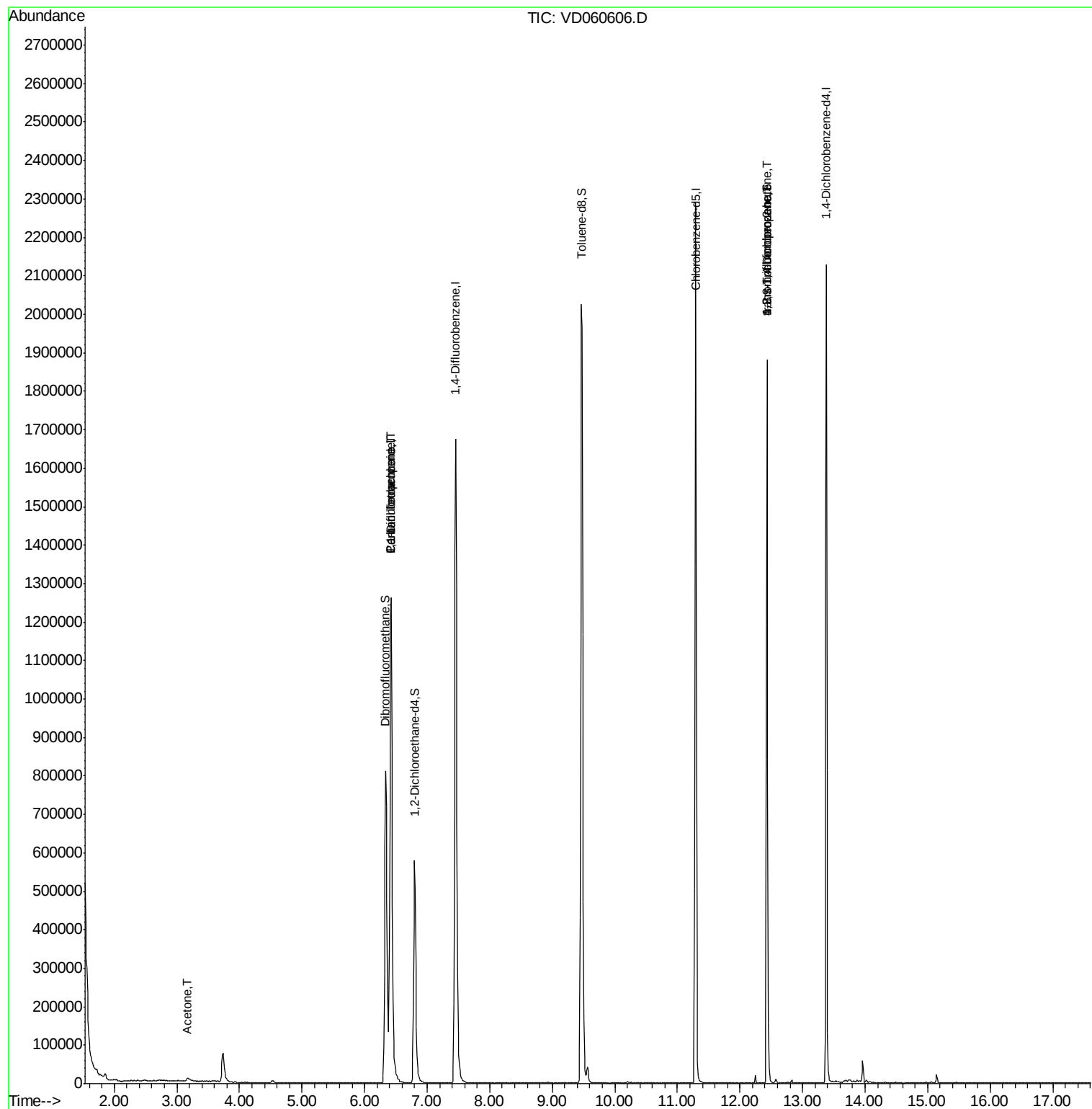
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	531	Below Cal	#	41
16) Acetone	3.17	43	14566	10.496	ug/l	93
20) Methylene Chloride	3.74	84	51293	Below Cal		93
31) Cyclohexane	6.41	56	23419	Below Cal	#	1
36) 1,1-Dichloropropene	6.41	75	89172	5.312	ug/l	# 46
38) Carbon Tetrachloride	6.41	117	93282	6.190	ug/l	# 16
76) 1,2,3-Trichloropropane	12.44	75	199012	36.706	ug/l	# 44
81) trans-1,4-Dichloro-2-buten	12.44	75	209453	138.513	ug/l	# 14
89) n-Butylbenzene	13.65	91	231	Below Cal	#	29

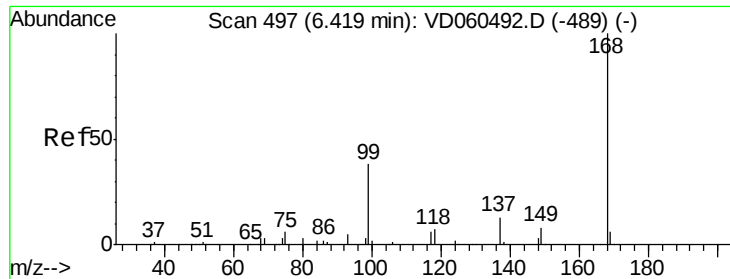
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
Data File : VD060606.D
Acq On : 17 Dec 2018 18:23
Operator : VA/AP
Sample : J6445-01
Misc : 4.57g/5ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EB06_1-3

Quant Time: Dec 18 11:17:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 498

Delta R.T. 0.00 min

Lab File: VD060606.D

Acq: 17 Dec 2018 18:23

Instrument :

MSVOA_D

ClientSampleId :

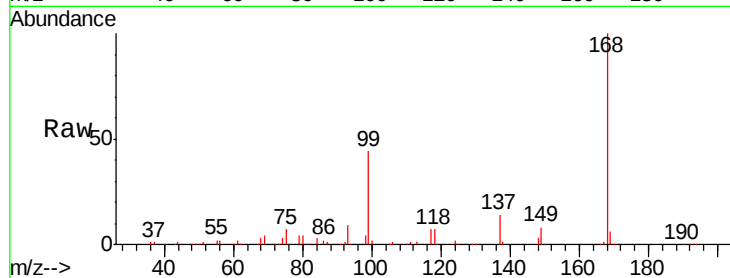
EB06_1-3

Tgt Ion:168 Resp: 1221528

Ion Ratio Lower Upper

168 100

99 44.2 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

500000

400000

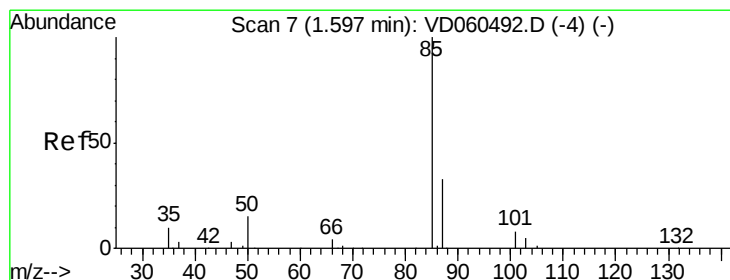
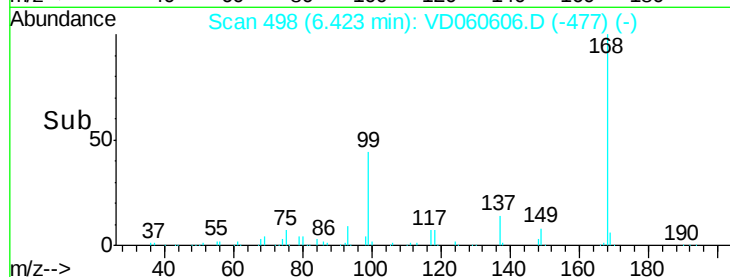
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.60 min Scan# 8

Delta R.T. 0.00 min

Lab File: VD060606.D

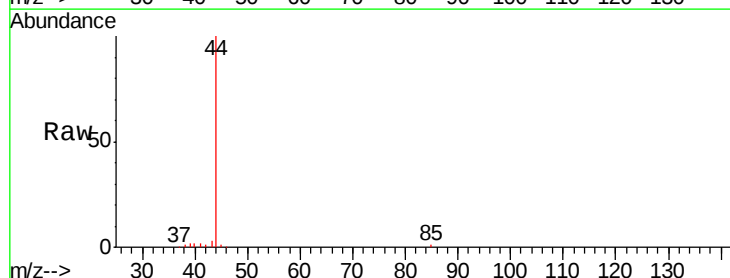
Acq: 17 Dec 2018 18:23

Tgt Ion: 85 Resp: 531

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.0#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.60

500

400

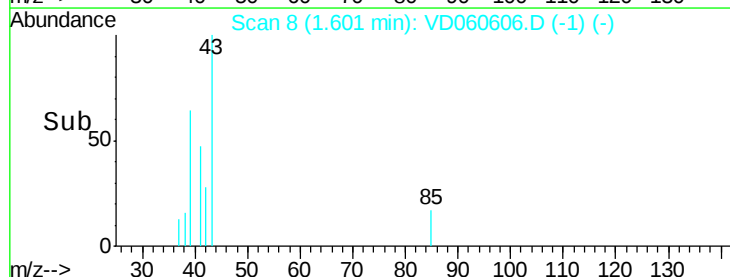
300

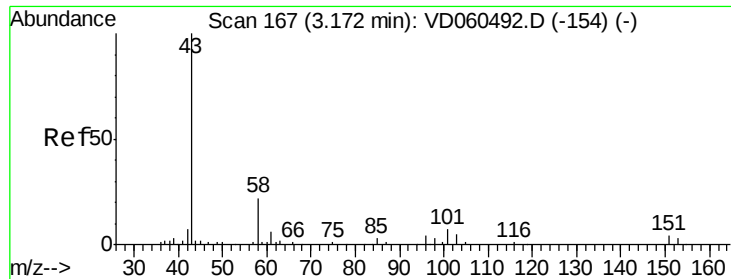
200

100

0

Time-->





#16

Acetone

Concen: 10.496 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.01 min

Lab File: VD060606.D

Acq: 17 Dec 2018 18:23

Instrument :

MSVOA_D

ClientSampled :

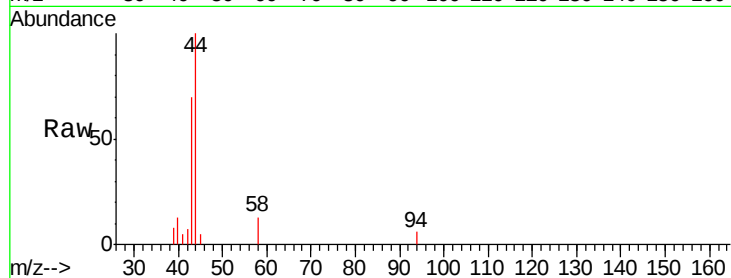
EB06_1-3

Tgt Ion: 43 Resp: 14566

Ion Ratio Lower Upper

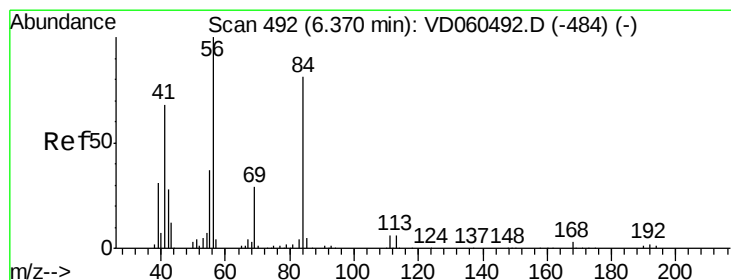
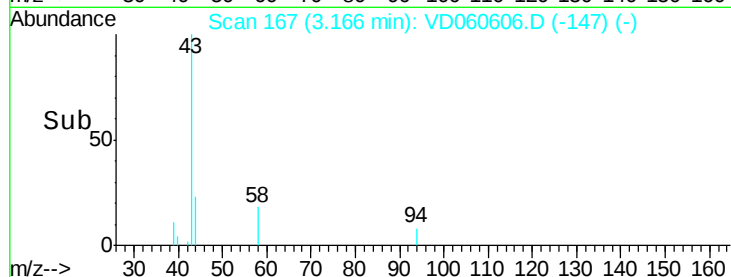
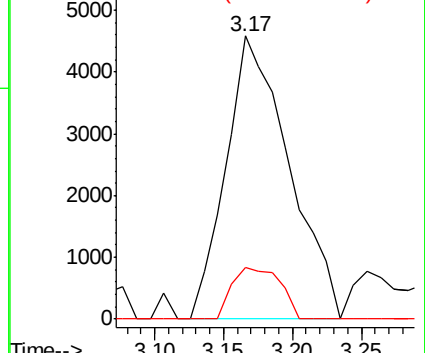
43 100

58 18.4 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#31

Cyclohexane

Concen: Below Cal

RT: 6.41 min Scan# 497

Delta R.T. 0.04 min

Lab File: VD060606.D

Acq: 17 Dec 2018 18:23

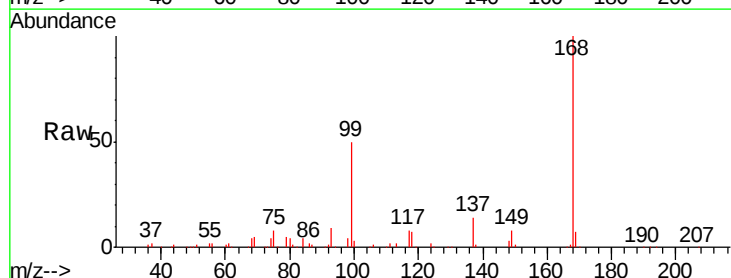
Tgt Ion: 56 Resp: 23419

Ion Ratio Lower Upper

56 100

69 217.5 22.8 34.2#

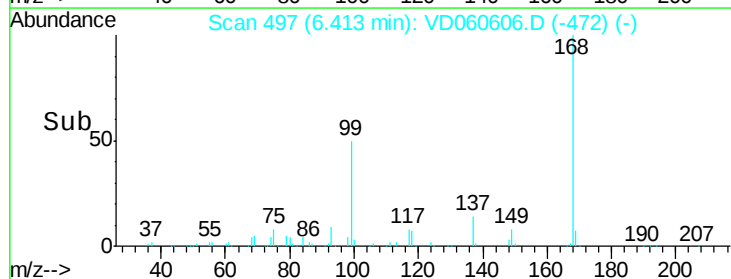
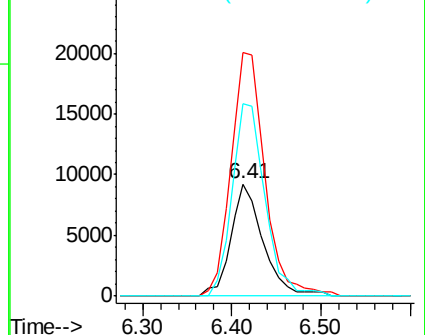
84 172.2 65.1 97.7#

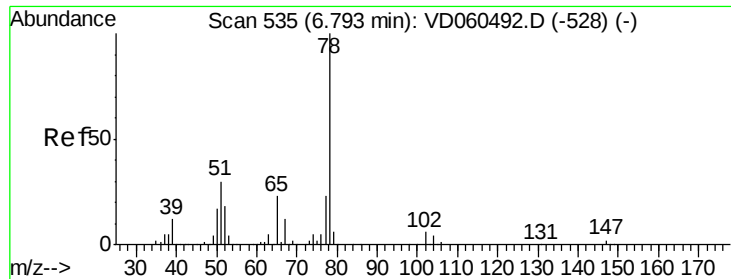


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

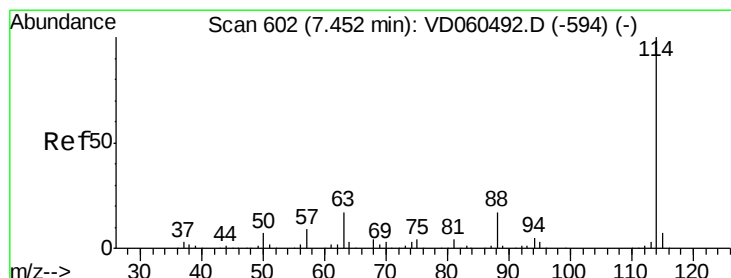
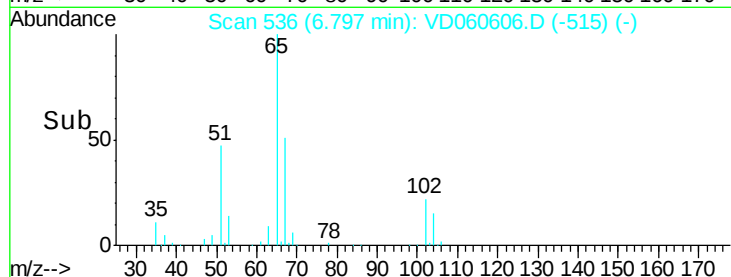
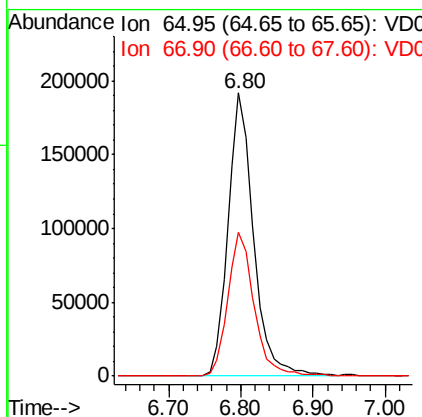
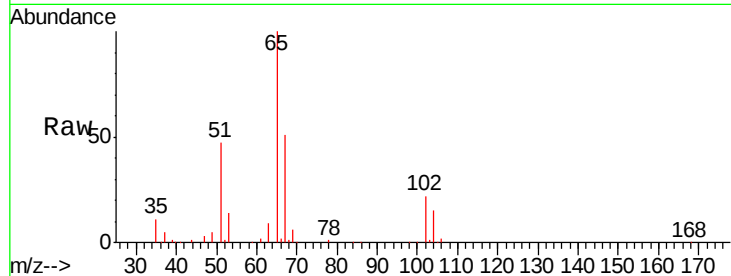




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.80 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VD060606.D
 Acq: 17 Dec 2018 18:23

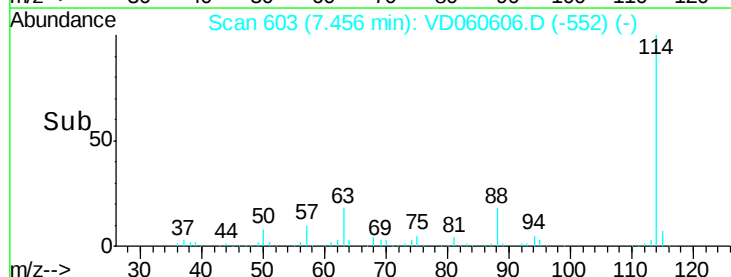
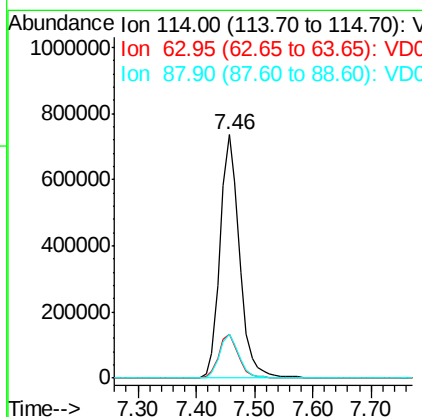
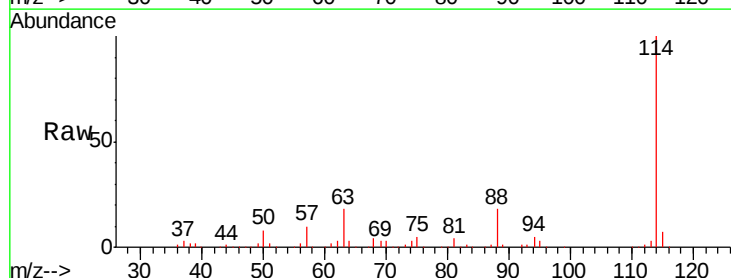
Instrument :
 MSVOA_D
 ClientSampleId :
 EB06_1-3

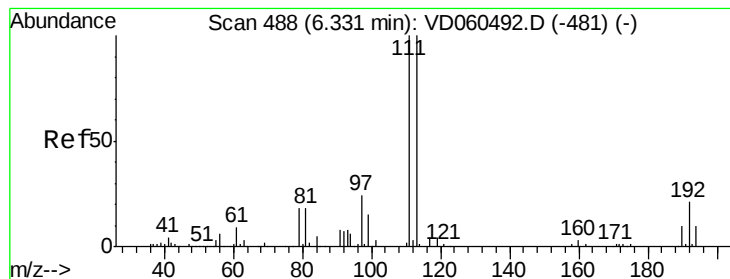
Tgt Ion: 65 Resp: 471954
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VD060606.D
 Acq: 17 Dec 2018 18:23

Tgt Ion: 114 Resp: 1717320
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.2
 88 18.0 0.0 35.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.33 min Scan# 489

Delta R.T. 0.00 min

Lab File: VD060606.D

Acq: 17 Dec 2018 18:23

Instrument :

MSVOA_D

ClientSampleId :

EB06_1-3

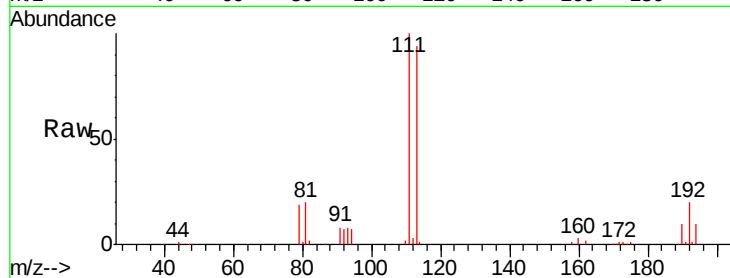
Tgt Ion:113 Resp: 629154

Ion Ratio Lower Upper

113 100

111 106.4 80.2 120.4

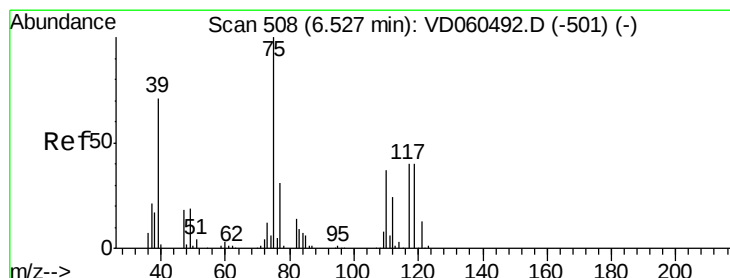
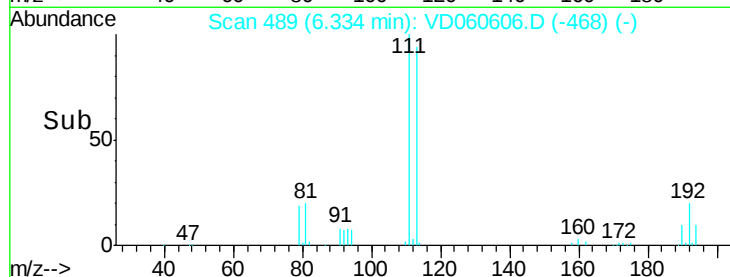
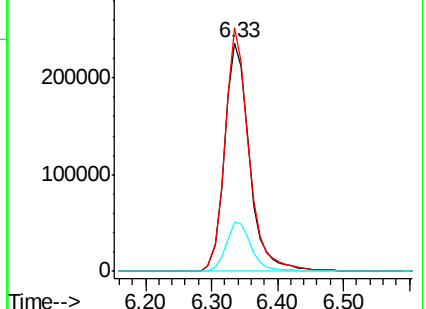
192 21.2 16.6 24.8



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: 5.312 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.11 min

Lab File: VD060606.D

Acq: 17 Dec 2018 18:23

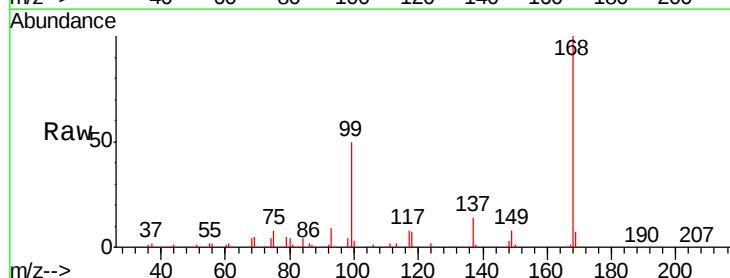
Tgt Ion: 75 Resp: 89172

Ion Ratio Lower Upper

75 100

110 5.9 18.3 54.8#

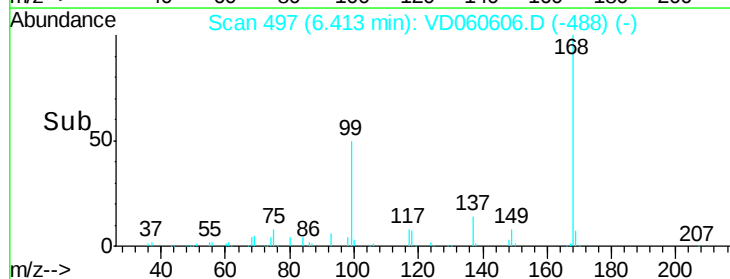
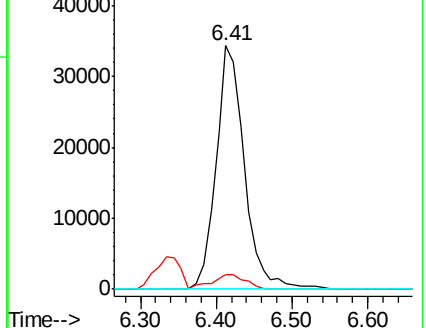
77 0.0 24.6 37.0#

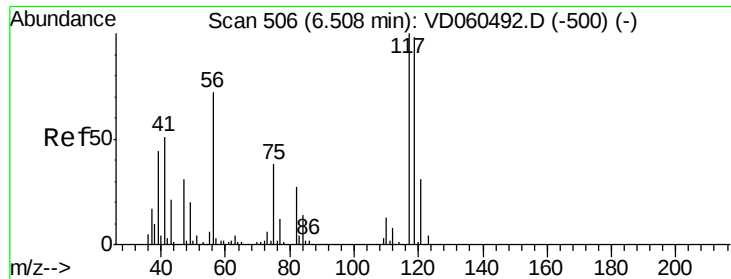


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

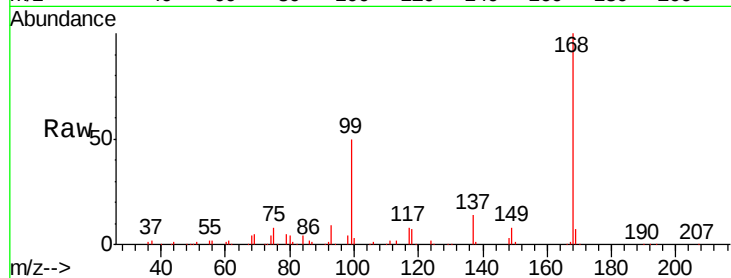




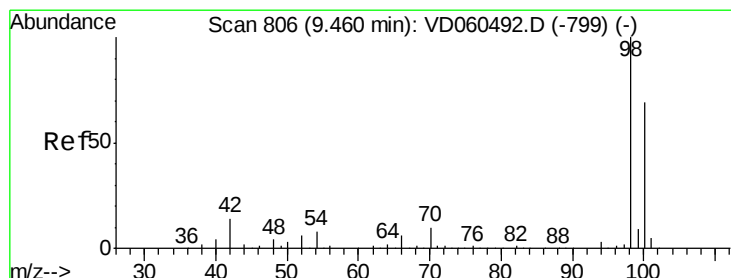
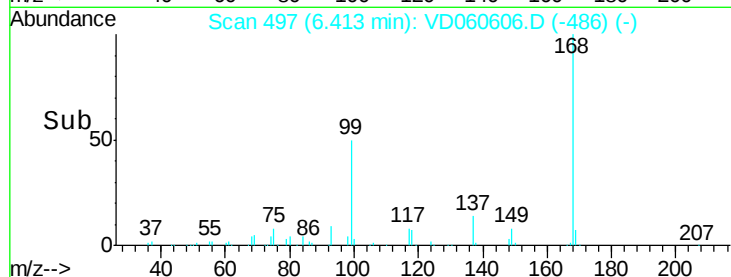
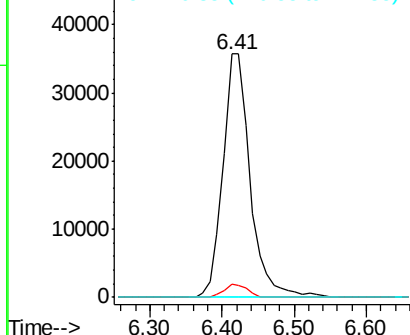
#38
Carbon Tetrachloride
Concen: 6.190 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.09 min
Lab File: VD060606.D
Acq: 17 Dec 2018 18:23

Instrument :
MSVOA_D
ClientSampleId :
EB06_1-3

Tgt Ion:117 Resp: 93282
Ion Ratio Lower Upper
117 100
119 5.6 76.8 115.2#
121 0.0 24.4 36.6#

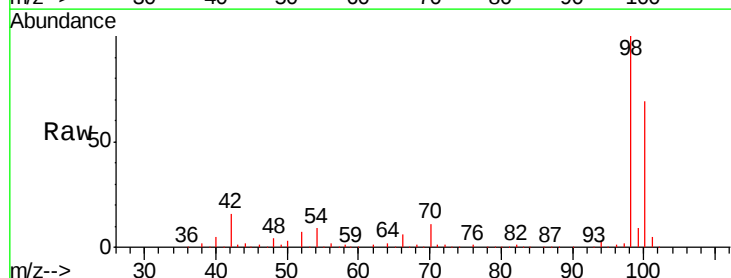


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

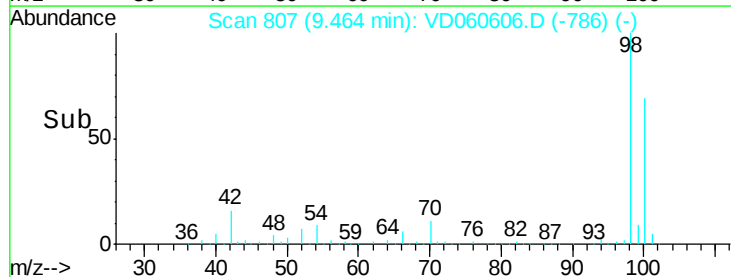
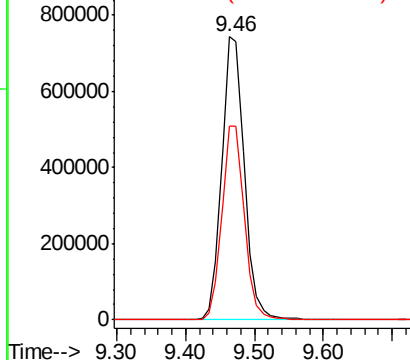


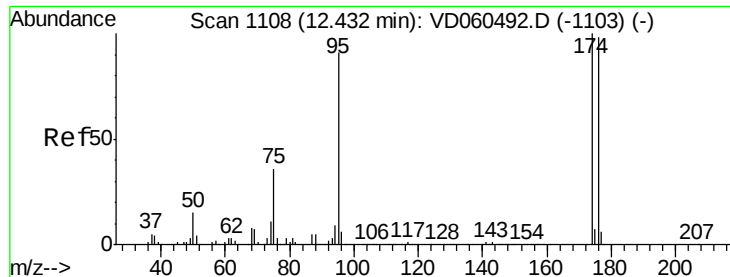
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.00 min
Lab File: VD060606.D
Acq: 17 Dec 2018 18:23

Tgt Ion: 98 Resp: 1683467
Ion Ratio Lower Upper
98 100
100 68.5 55.7 83.5



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

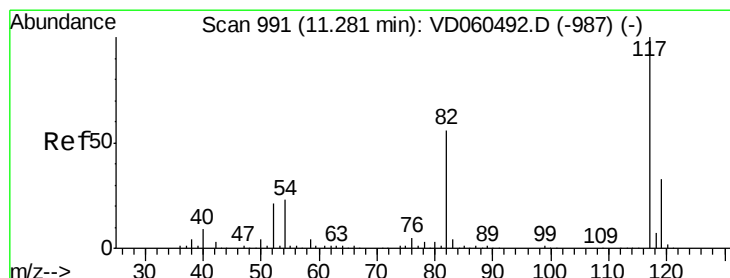
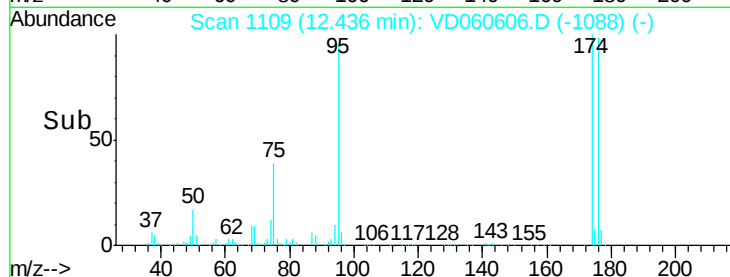
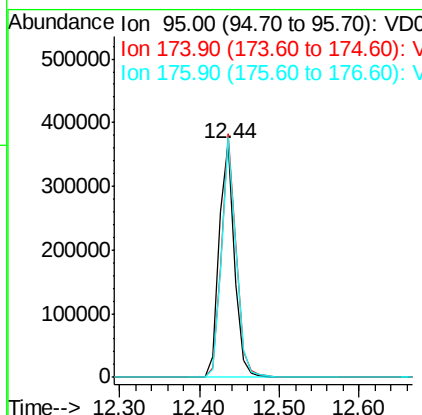
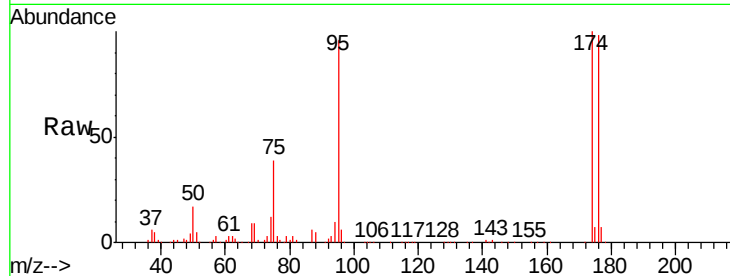




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VD060606.D
Acq: 17 Dec 2018 18:23

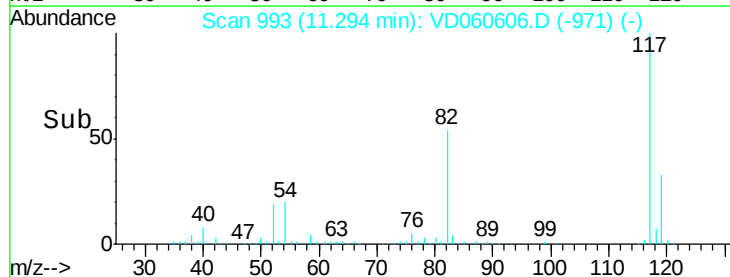
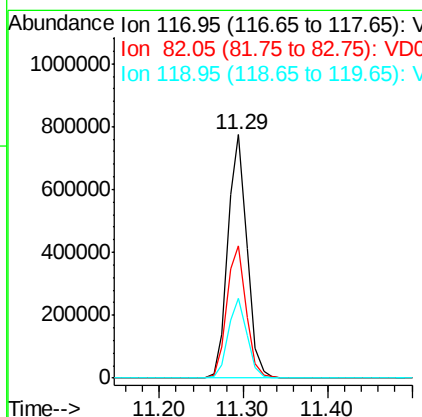
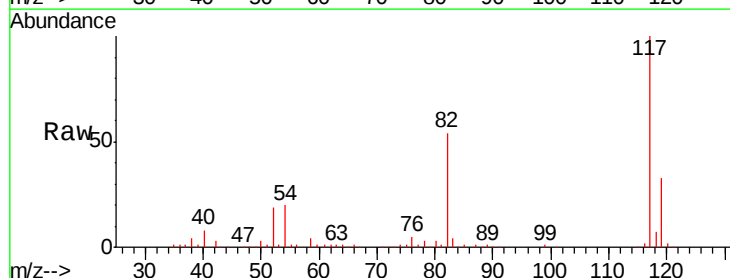
Instrument :
MSVOA_D
ClientSampleId :
EB06_1-3

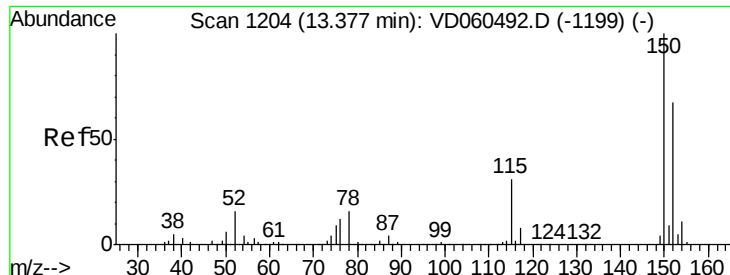
Tgt Ion: 95 Resp: 500390
Ion Ratio Lower Upper
95 100
174 103.9 0.0 219.4
176 102.1 0.0 214.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.01 min
Lab File: VD060606.D
Acq: 17 Dec 2018 18:23

Tgt Ion: 117 Resp: 1217914
Ion Ratio Lower Upper
117 100
82 54.5 45.2 67.8
119 32.9 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.38 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VD060606.D

Acq: 17 Dec 2018 18:23

Instrument :

MSVOA_D

ClientSampleId :

EB06_1-3

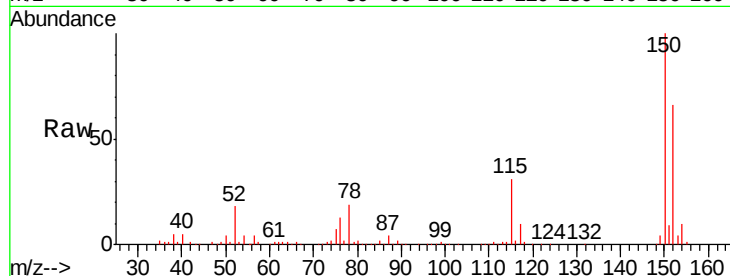
Tgt Ion:152 Resp: 478507

Ion Ratio Lower Upper

152 100

115 47.1 24.6 74.0

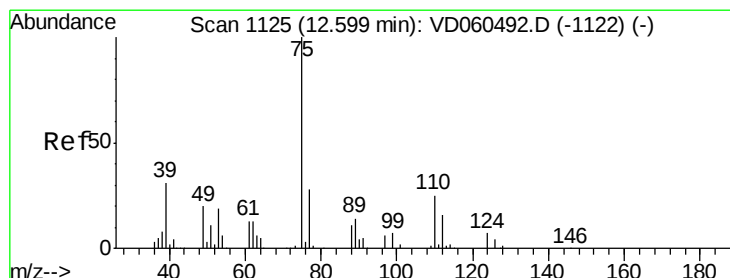
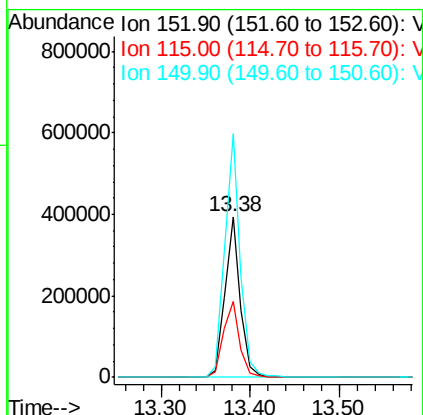
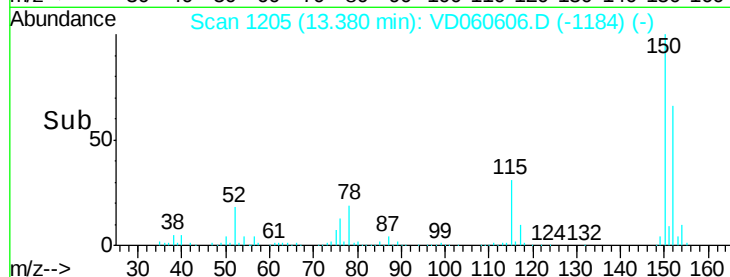
150 151.7 0.0 309.0



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: 36.706 ug/l

RT: 12.44 min Scan# 1109

Delta R.T. -0.16 min

Lab File: VD060606.D

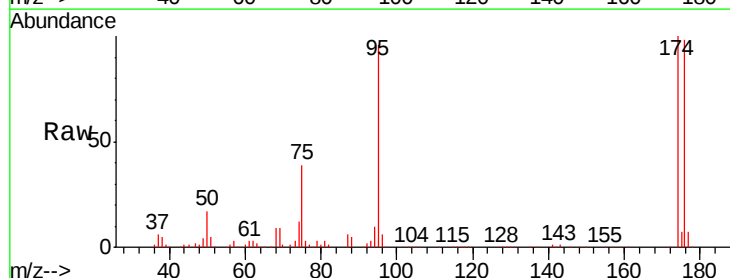
Acq: 17 Dec 2018 18:23

Tgt Ion: 75 Resp: 199012

Ion Ratio Lower Upper

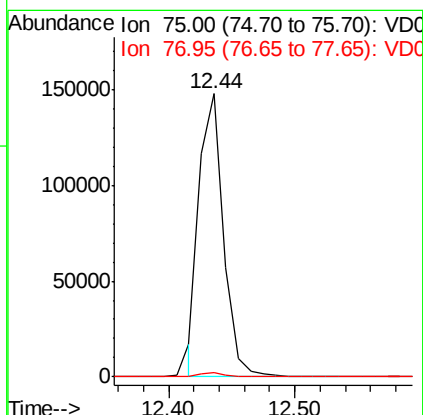
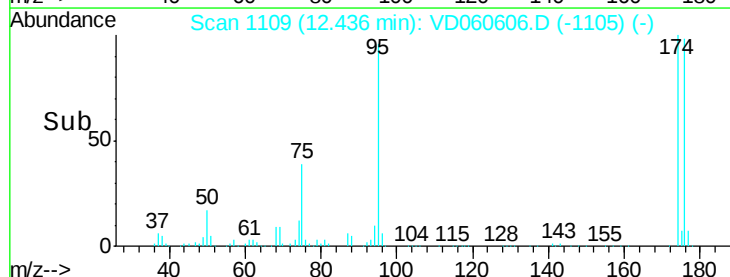
75 100

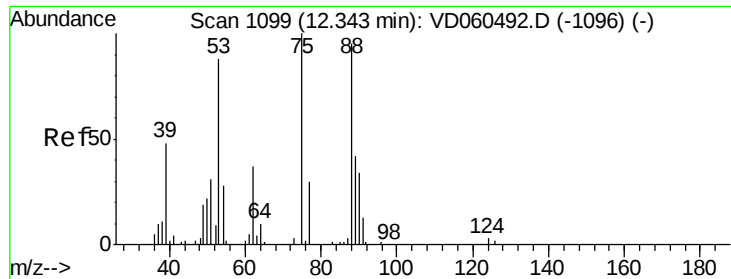
77 1.5 16.4 49.4#



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: 138.513 ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.09 min

Lab File: VD060606.D

Acq: 17 Dec 2018 18:23

Instrument :

MSVOA_D

ClientSampleId :

EB06_1-3

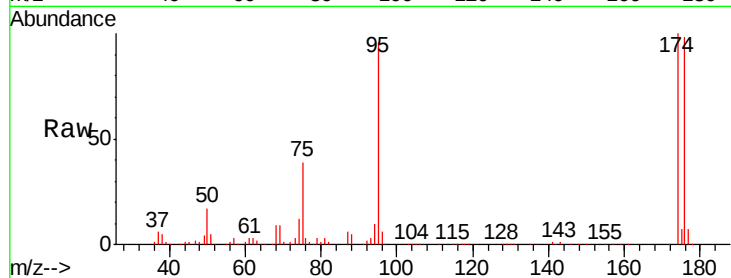
Tgt Ion: 75 Resp: 209453

Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

89 0.0 33.6 50.4#



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

