

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
 Data File : VD060613.D
 Acq On : 17 Dec 2018 21:41
 Operator : VA/AP
 Sample : J6319-08
 Misc : 4.96g/5ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 062_SW-S-1

Quant Time: Dec 18 11:19:11 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	1365166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1972694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1600924	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	774357	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	505582	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
35) Dibromofluoromethane	6.34	113	698992	48.24	ug/l	0.01
Spiked Amount			Recovery	=	96.48%	
50) Toluene-d8	9.46	98	1952843	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
62) 4-Bromofluorobenzene	12.44	95	685829	45.71	ug/l	0.00
Spiked Amount			Recovery	=	91.42%	

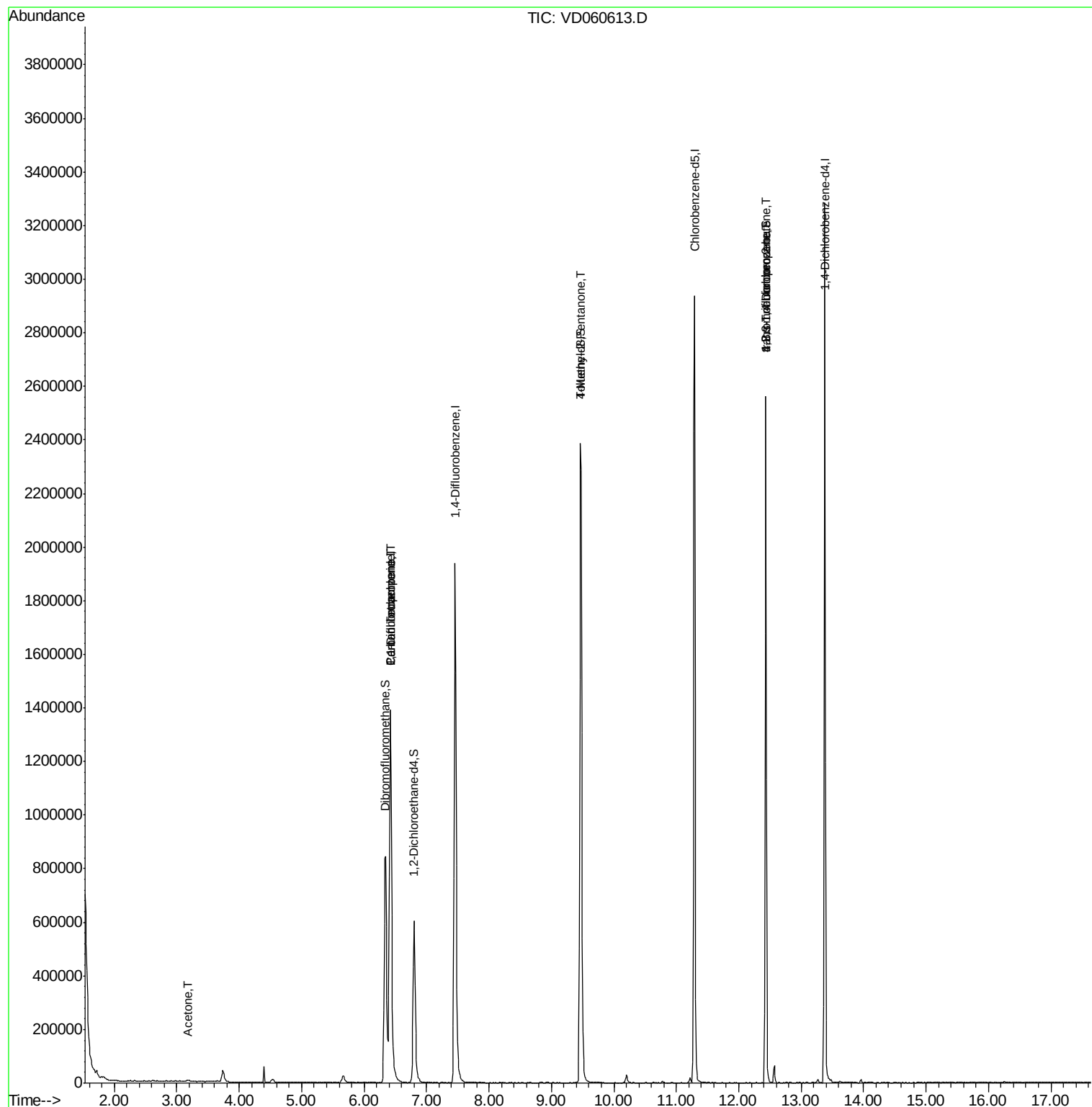
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	779	Below Cal	#	41
16) Acetone	3.18	43	9155	5.903	ug/l	95
20) Methylene Chloride	3.74	84	27809	Below Cal		96
31) Cyclohexane	6.42	56	24909	Below Cal	#	1
36) 1,1-Dichloropropene	6.42	75	98727	5.120	ug/l	# 47
38) Carbon Tetrachloride	6.42	117	104492	6.036	ug/l	# 16
51) 4-Methyl-2-Pentanone	9.46	43	10722	1.670	ug/l	# 1
76) 1,2,3-Trichloropropane	12.44	75	269800	30.750	ug/l	# 45
81) trans-1,4-Dichloro-2-buten	12.44	75	288040	117.707	ug/l	# 14
89) n-Butylbenzene	13.66	91	257	Below Cal	#	29

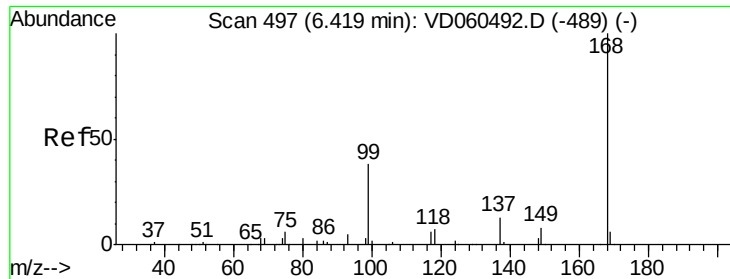
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
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Acq On : 17 Dec 2018 21:41
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Quant Time: Dec 18 11:19:11 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: VD060613.D

Acq: 17 Dec 2018 21:41

Instrument :

MSVOA_D

ClientSampleId :

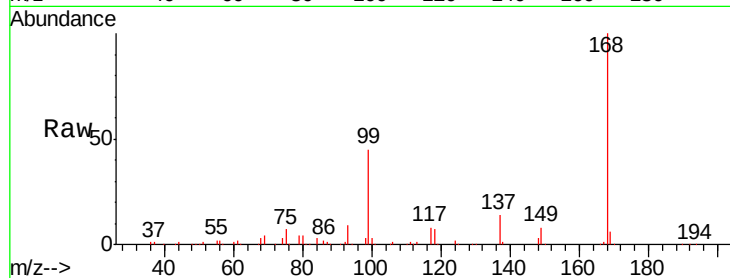
062_SW-S-1

Tgt Ion:168 Resp: 1365166

Ion Ratio Lower Upper

168 100

99 45.5 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

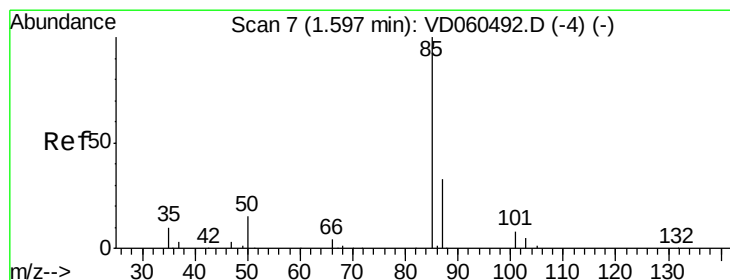
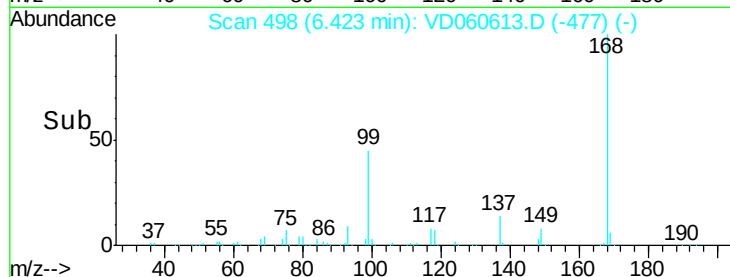
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.60 min Scan# 8

Delta R.T. 0.00 min

Lab File: VD060613.D

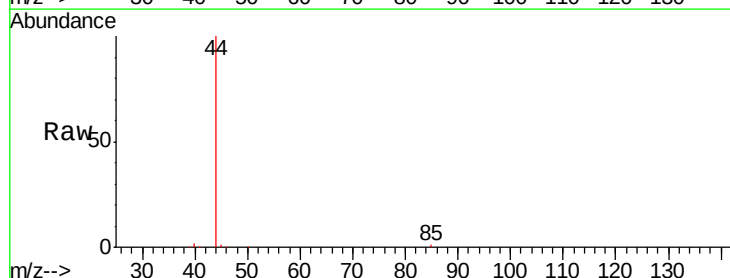
Acq: 17 Dec 2018 21:41

Tgt Ion: 85 Resp: 779

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

1000

800

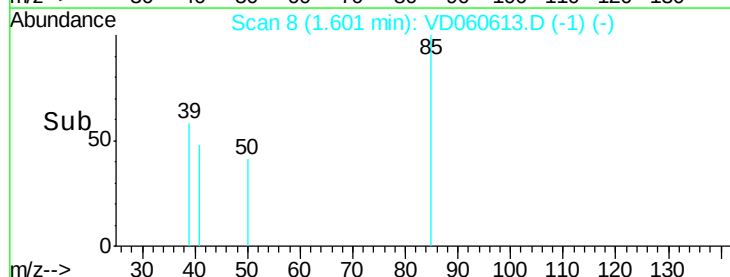
600

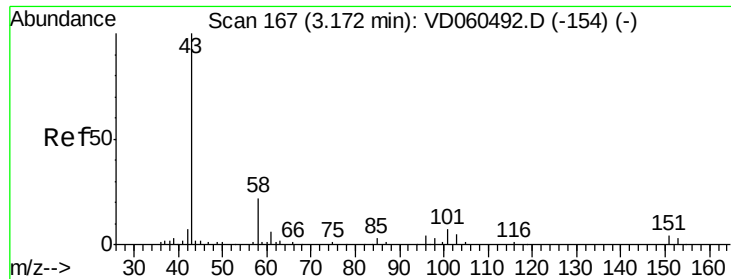
400

200

0

Time-->

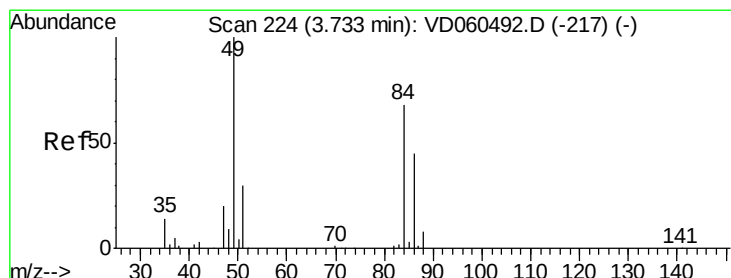
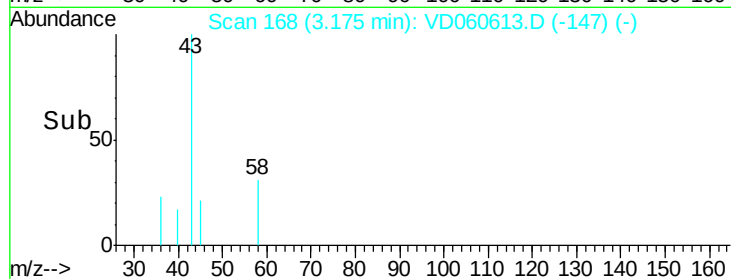
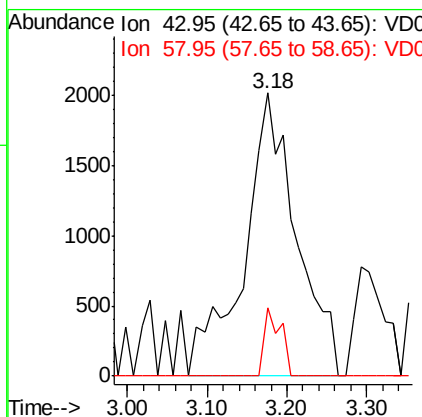
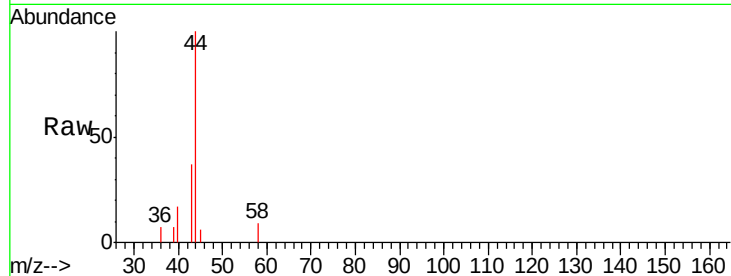




#16
Acetone
Concen: 5.903 ug/l
RT: 3.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VD060613.D
Acq: 17 Dec 2018 21:41

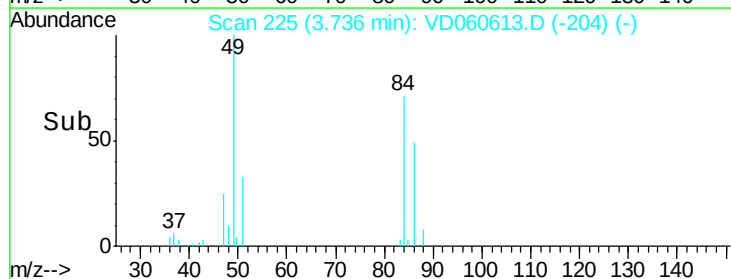
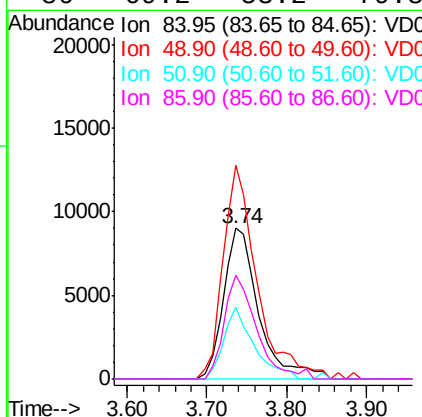
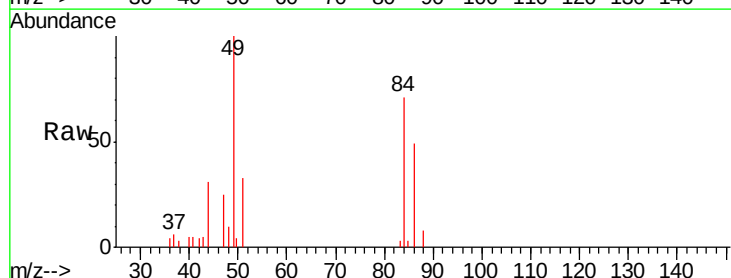
Instrument :
MSVOA_D
ClientSampleId :
062_SW-S-1

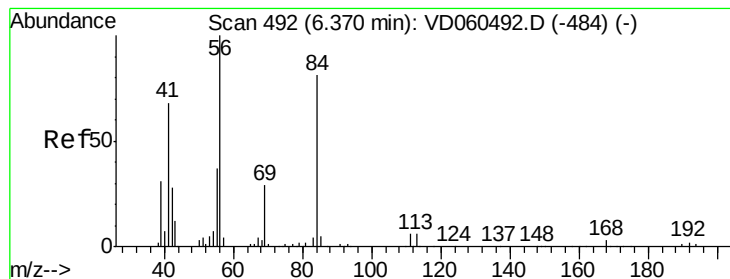
Tgt Ion: 43 Resp: 9155
Ion Ratio Lower Upper
43 100
58 24.2 17.3 25.9



#20
Methylene Chloride
Concen: Below Cal
RT: 3.74 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD060613.D
Acq: 17 Dec 2018 21:41

Tgt Ion: 84 Resp: 27809
Ion Ratio Lower Upper
84 100
49 141.8 117.2 175.8
51 47.3 35.3 52.9
86 69.2 53.2 79.8





#31

Cyclohexane

Concen: Below Cal

RT: 6.42 min Scan# 498

Delta R.T. 0.05 min

Lab File: VD060613.D

Acq: 17 Dec 2018 21:41

Instrument :

MSVOA_D

ClientSampleId :

062_SW-S-1

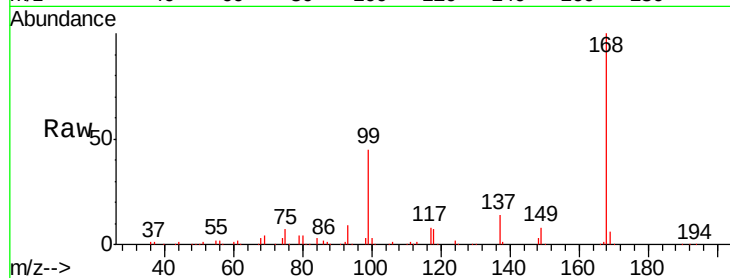
Tgt Ion: 56 Resp: 24909

Ion Ratio Lower Upper

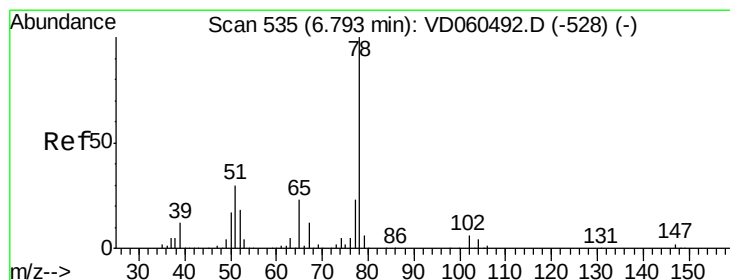
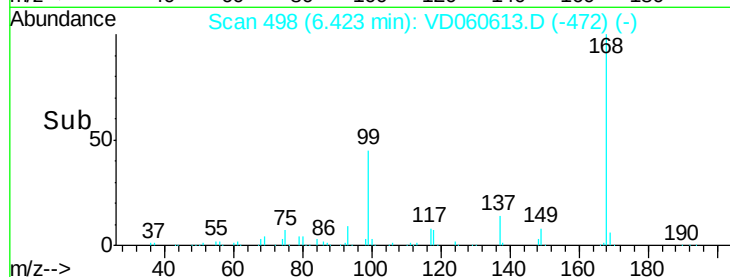
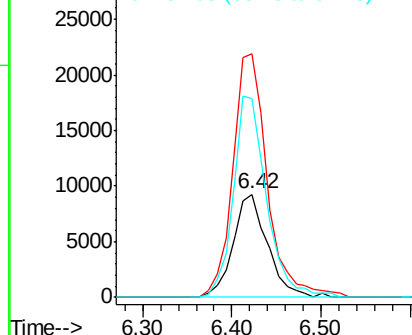
56 100

69 235.6 22.8 34.2#

84 192.2 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: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. 0.00 min

Lab File: VD060613.D

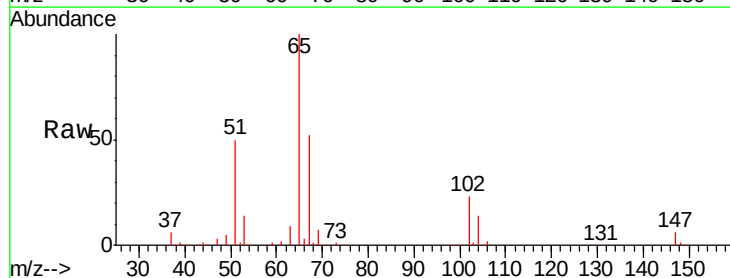
Acq: 17 Dec 2018 21:41

Tgt Ion: 65 Resp: 505582

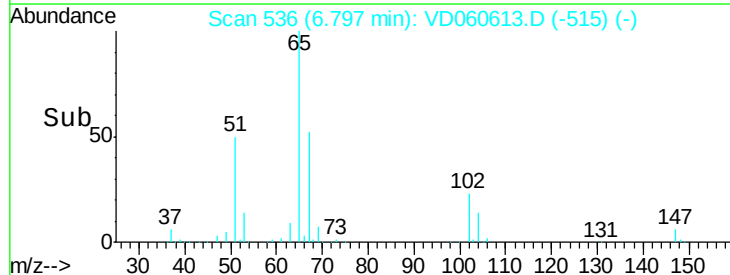
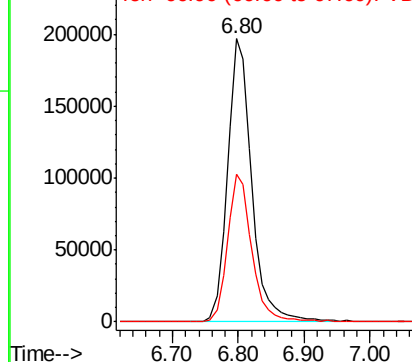
Ion Ratio Lower Upper

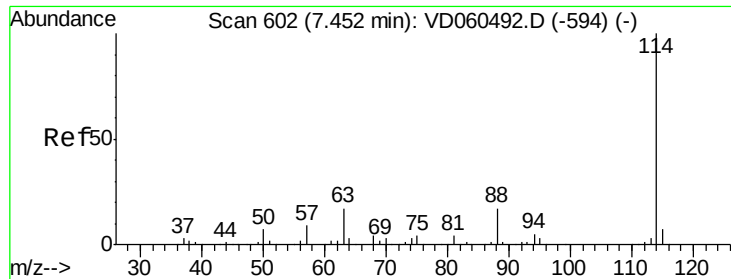
65 100

67 52.2 0.0 106.8



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

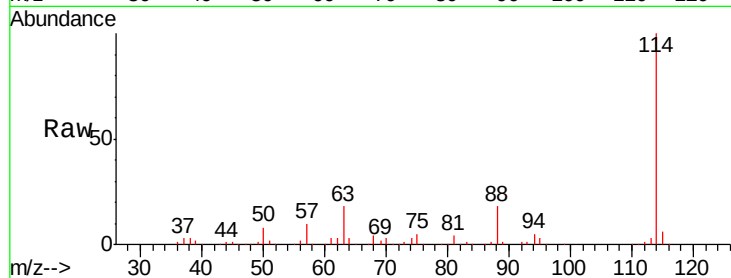




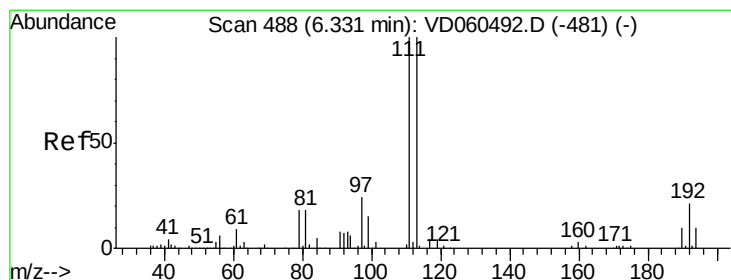
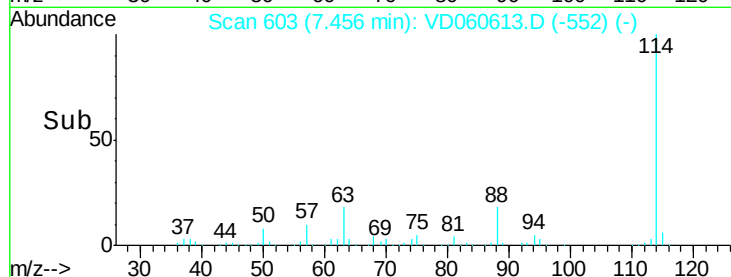
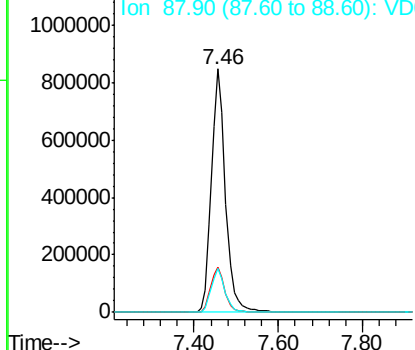
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VD060613.D
 Acq: 17 Dec 2018 21:41

Instrument :
 MSVOA_D
 ClientSampleId :
 062_SW-S-1

Tgt Ion:114 Resp: 1972694
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.2
 88 18.0 0.0 35.0

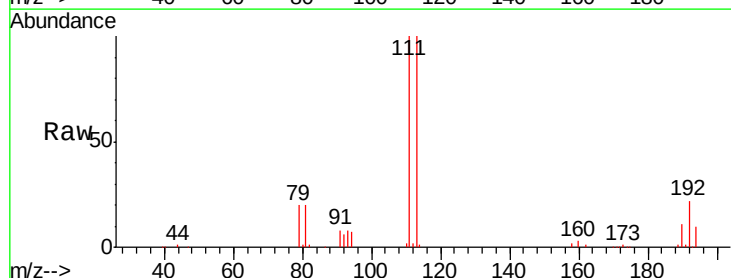


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

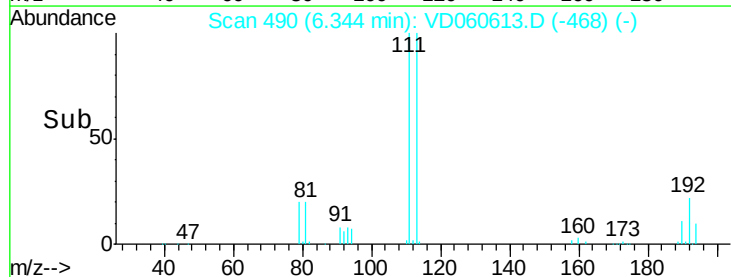
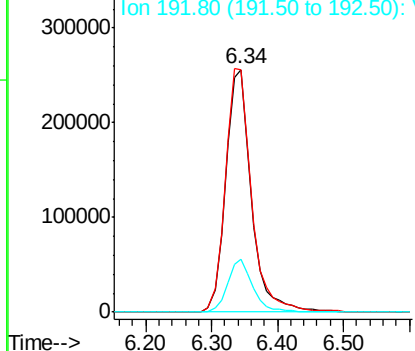


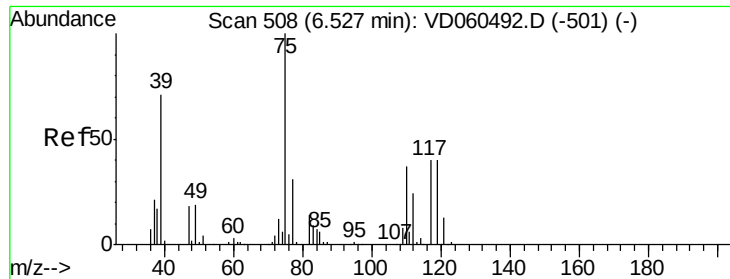
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VD060613.D
 Acq: 17 Dec 2018 21:41

Tgt Ion:113 Resp: 698992
 Ion Ratio Lower Upper
 113 100
 111 100.1 80.2 120.4
 192 21.8 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

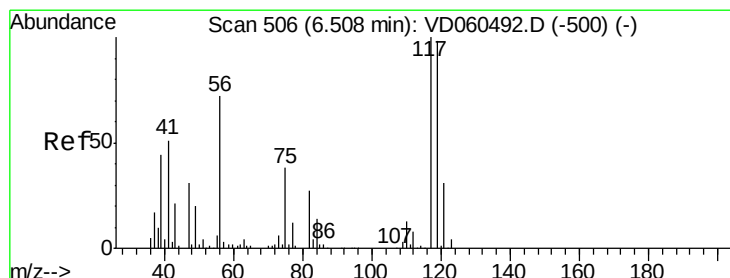
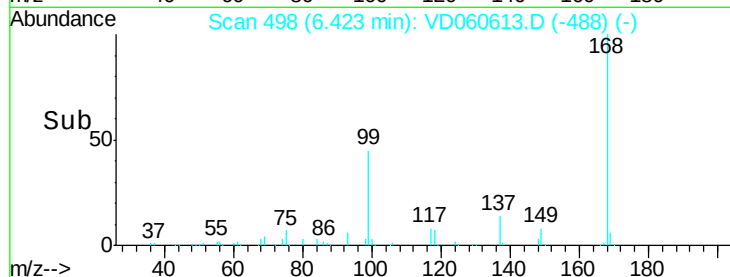
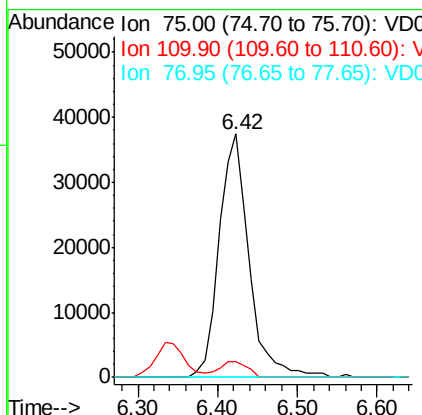
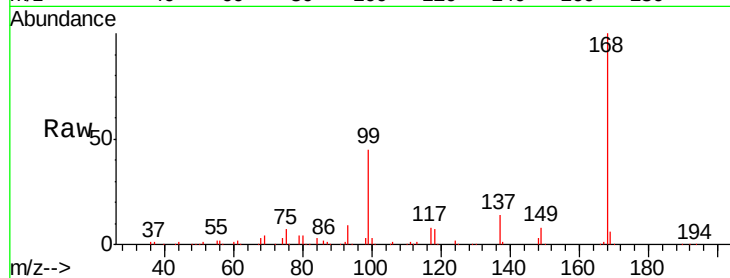




#36
 1,1-Dichloropropene
 Concen: 5.120 ug/l
 RT: 6.42 min Scan# 498
 Delta R.T. -0.10 min
 Lab File: VD060613.D
 Acq: 17 Dec 2018 21:41

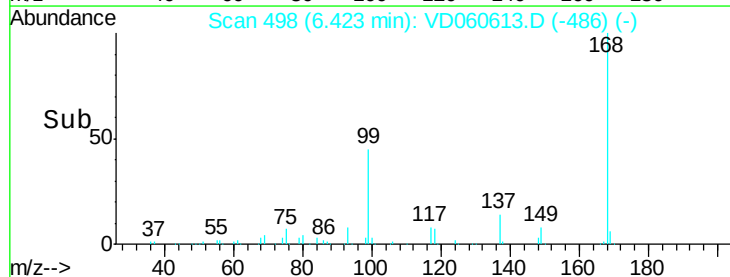
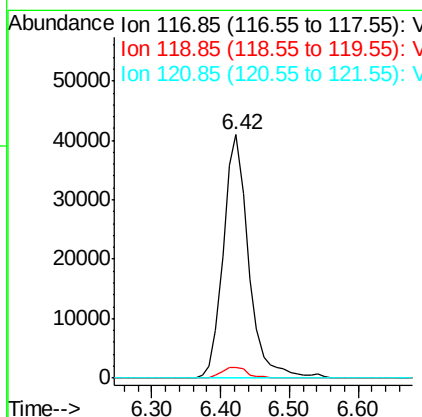
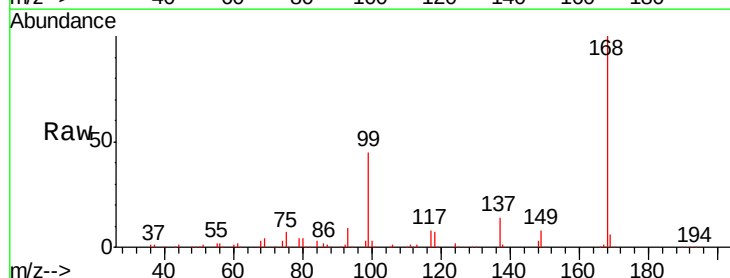
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 ClientSampleId :
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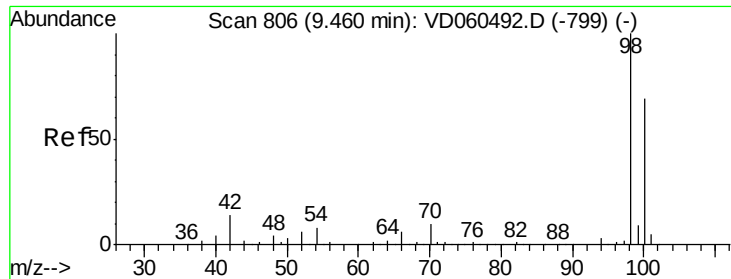
Tgt Ion: 75 Resp: 98727
 Ion Ratio Lower Upper
 75 100
 110 6.7 18.3 54.8#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.036 ug/l
 RT: 6.42 min Scan# 498
 Delta R.T. -0.08 min
 Lab File: VD060613.D
 Acq: 17 Dec 2018 21:41

Tgt Ion: 117 Resp: 104492
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.8 115.2#
 121 0.0 24.4 36.6#

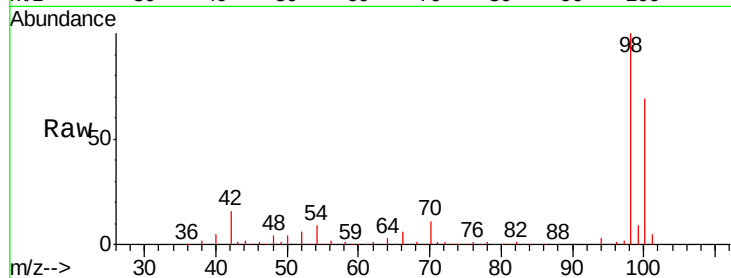




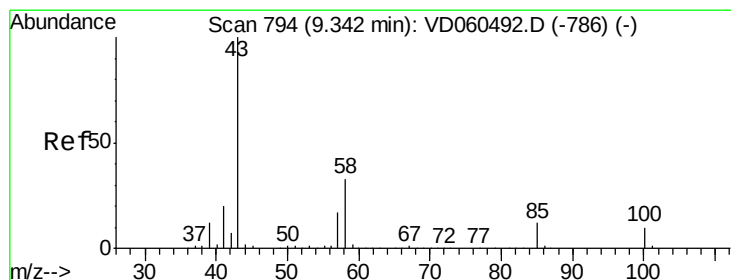
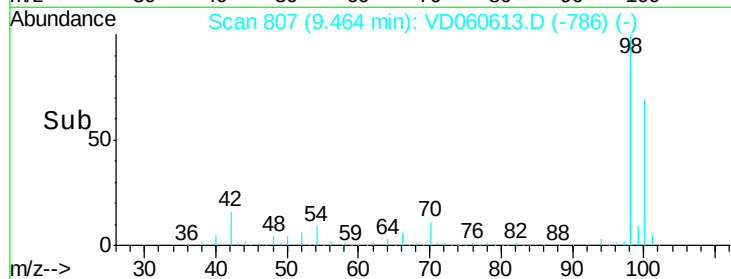
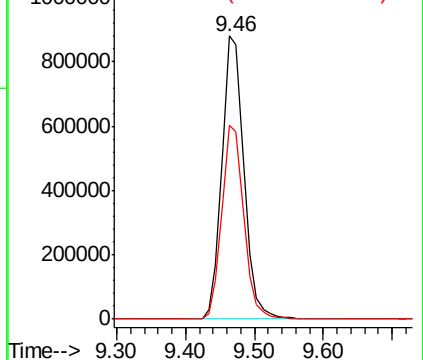
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.00 min
Lab File: VD060613.D
Acq: 17 Dec 2018 21:41

Instrument :
MSVOA_D
ClientSampleId :
062_SW-S-1

Tgt Ion: 98 Resp: 1952843
Ion Ratio Lower Upper
98 100
100 68.5 55.7 83.5

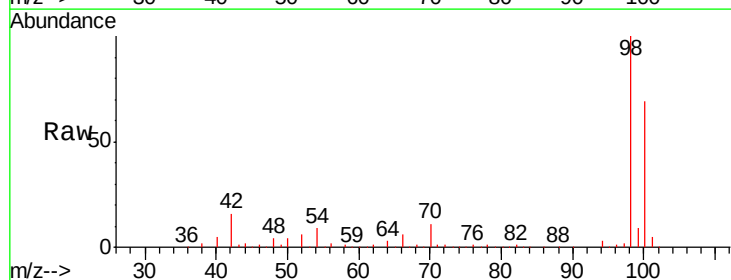


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

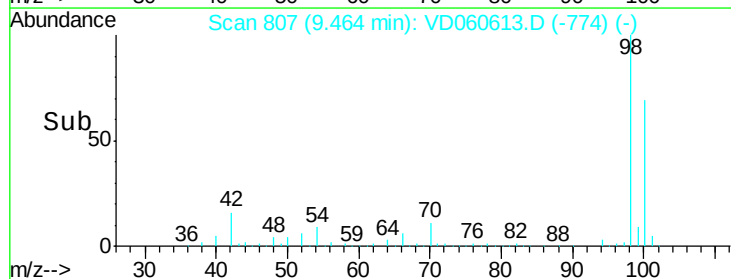
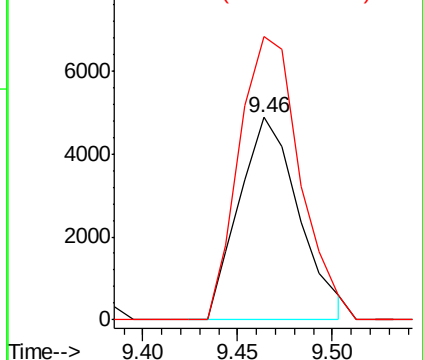


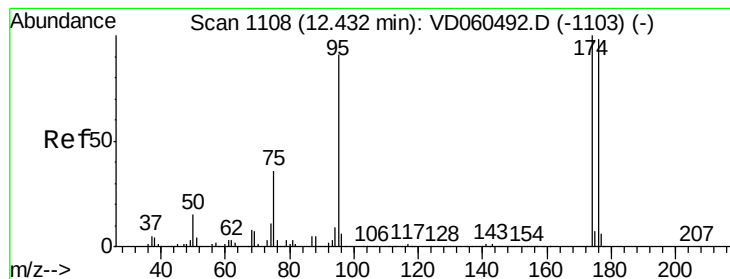
#51
4-Methyl-2-Pentanone
Concen: 1.670 ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.12 min
Lab File: VD060613.D
Acq: 17 Dec 2018 21:41

Tgt Ion: 43 Resp: 10722
Ion Ratio Lower Upper
43 100
58 139.7 26.3 39.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VD060613.D

Acq: 17 Dec 2018 21:41

Instrument :

MSVOA_D

ClientSampleId :

062_SW-S-1

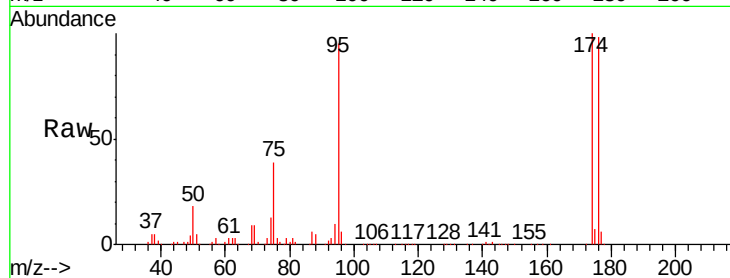
Tgt Ion: 95 Resp: 685829

Ion Ratio Lower Upper

95 100

174 104.8 0.0 219.4

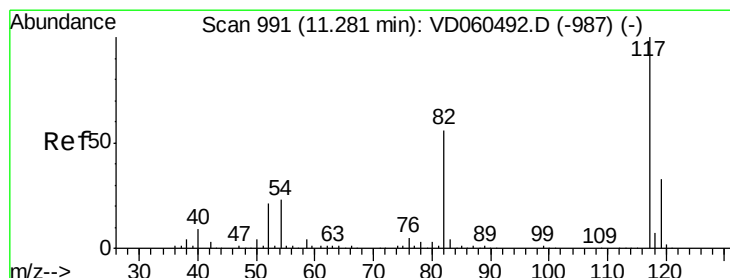
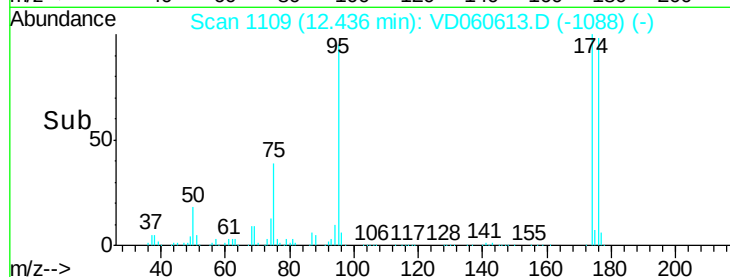
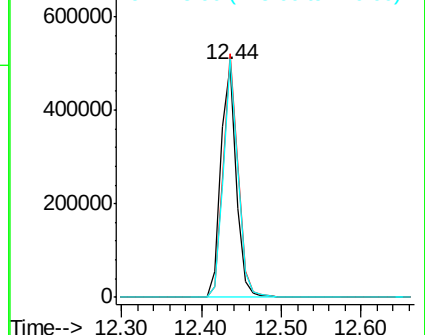
176 102.8 0.0 214.6



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# 993

Delta R.T. 0.01 min

Lab File: VD060613.D

Acq: 17 Dec 2018 21:41

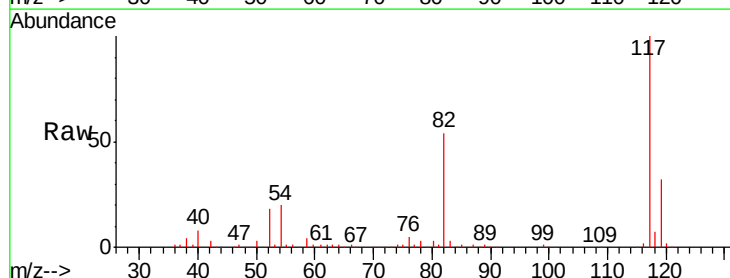
Tgt Ion: 117 Resp: 1600924

Ion Ratio Lower Upper

117 100

82 53.6 45.2 67.8

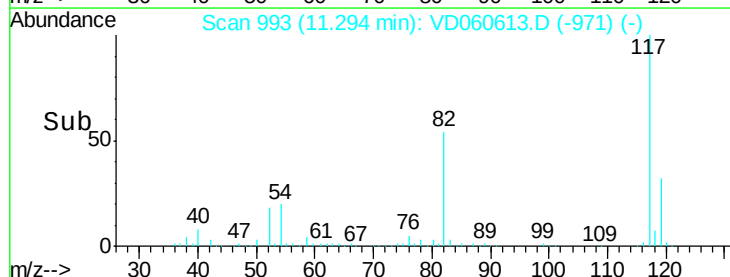
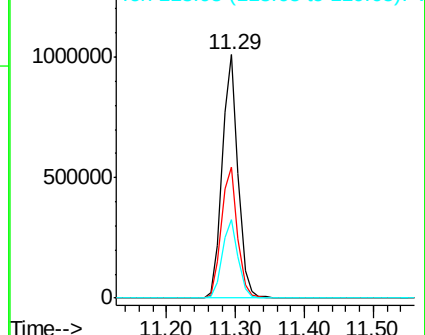
119 32.5 26.1 39.1

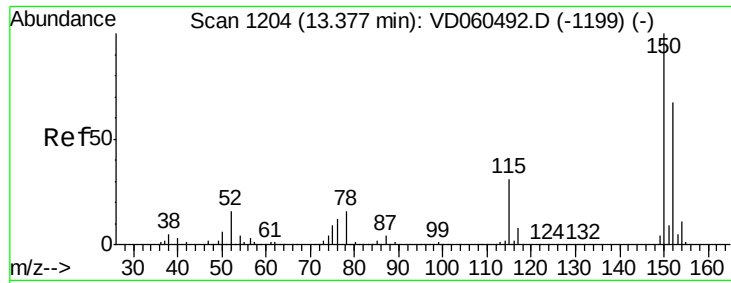


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



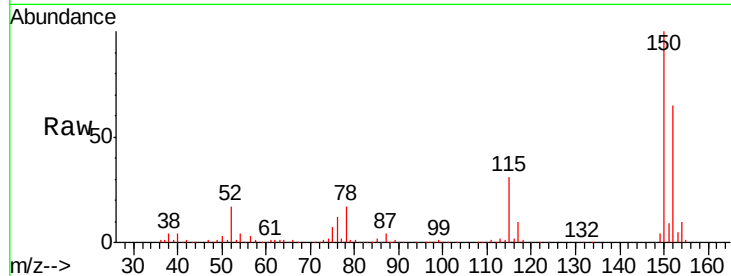


#72

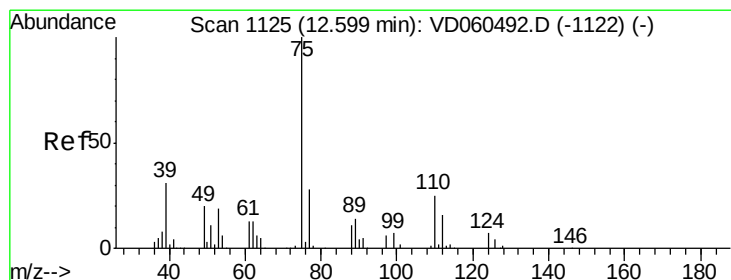
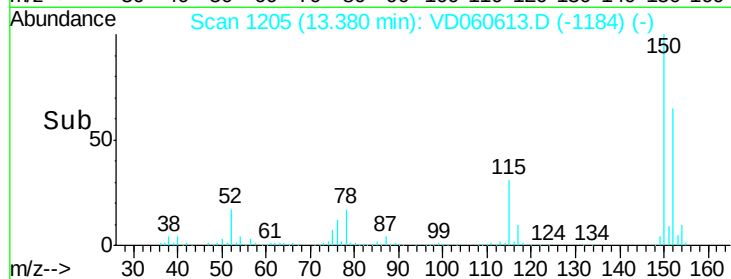
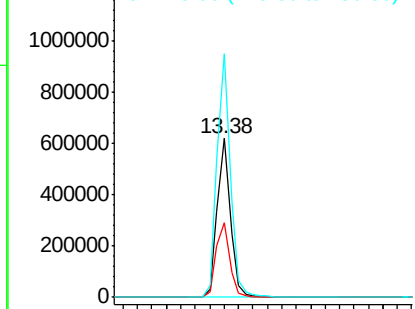
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VD060613.D
Acq: 17 Dec 2018 21:41

Instrument :
MSVOA_D
ClientSampleId :
062_SW-S-1

Tgt Ion: 152 Resp: 774357
Ion Ratio Lower Upper
152 100
115 46.8 24.6 74.0
150 153.1 0.0 309.0



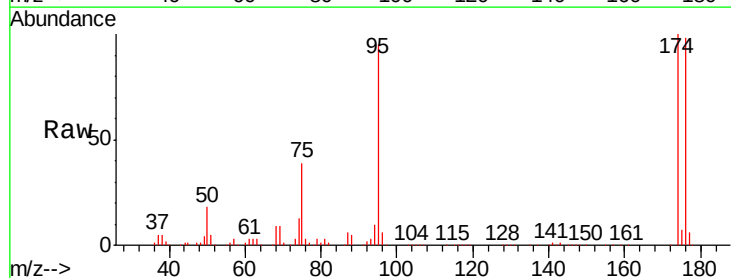
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



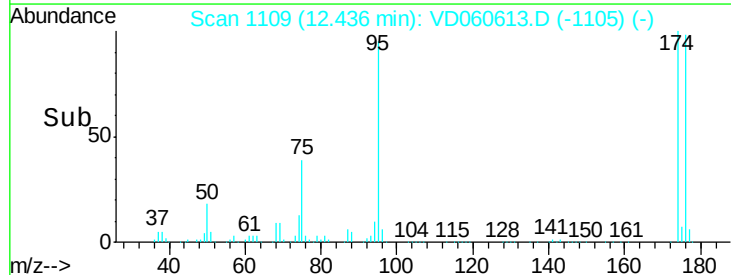
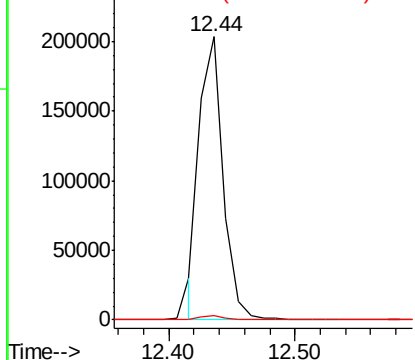
#76

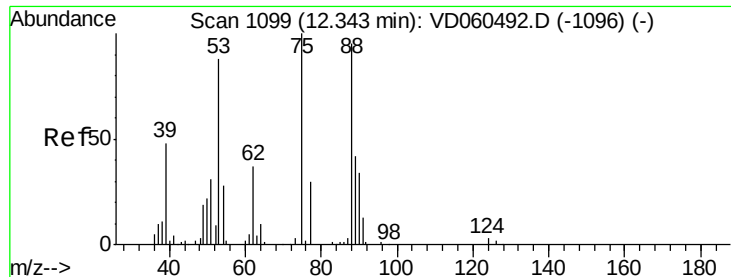
1,2,3-Trichloropropane
Concen: 30.750 ug/l
RT: 12.44 min Scan# 1109
Delta R.T. -0.16 min
Lab File: VD060613.D
Acq: 17 Dec 2018 21:41

Tgt Ion: 75 Resp: 269800
Ion Ratio Lower Upper
75 100
77 1.7 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: 117.707 ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.09 min

Lab File: VD060613.D

Acq: 17 Dec 2018 21:41

Instrument :

MSVOA_D

ClientSampleId :

062_SW-S-1

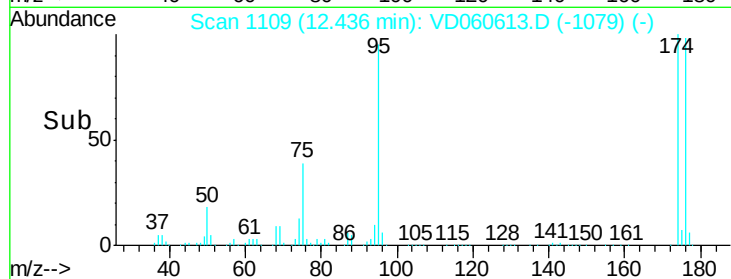
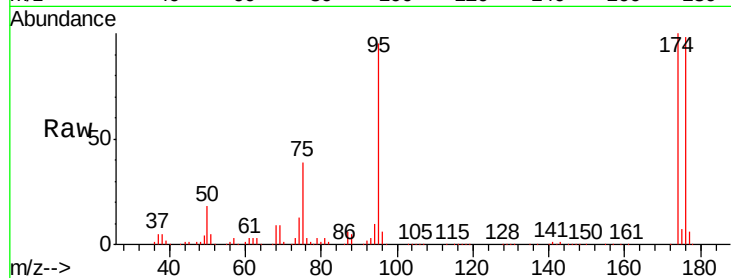
Tgt Ion: 75 Resp: 288040

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

