

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111218\
 Data File : VD060336.D
 Acq On : 12 Nov 2018 14:36
 Operator : JC/SY
 Sample : J5889-06
 Misc : 9.72g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WALL-F

Quant Time: Nov 13 00:39:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	54584	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	87083	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	85923	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	43229	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	34933	89.38	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	178.76%	
35) Dibromofluoromethane	6.30	113	36543	56.28	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	112.56%	
50) Toluene-d8	9.44	98	83202	43.78	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	87.56%	
62) 4-Bromofluorobenzene	12.41	95	37794	54.88	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	109.76%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.18	94	2522	25.175	ug/l #	2
14) Allyl chloride	3.52	41	866	1.699	ug/l #	54
16) Acetone	3.15	43	6631	97.811	ug/l #	55
18) Methyl Acetate	3.56	43	1482	10.252	ug/l #	63
20) Methylene Chloride	3.71	84	6517	10.837	ug/l #	78
36) 1,1-Dichloropropene	6.38	75	3884	4.514	ug/l #	41
38) Carbon Tetrachloride	6.38	117	4142	5.190	ug/l #	12
81) trans-1,4-Dichloro-2-buten	12.41	75	15978	108.529	ug/l #	15
89) n-Butylbenzene	13.64	91	193	Below Cal	#	29

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060336.D

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ClientSampleId :

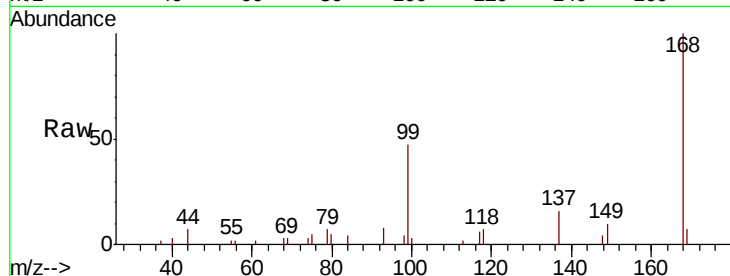
WALL-F

Tgt Ion:168 Resp: 54584

Ion Ratio Lower Upper

168 100

99 47.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

25000

20000

15000

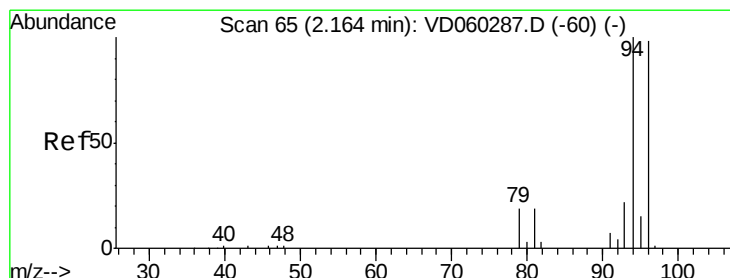
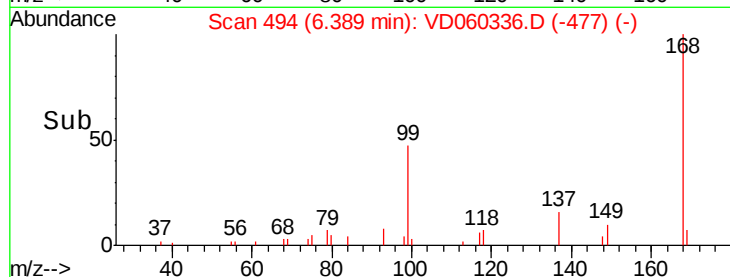
10000

5000

0

Time-->

6.30 6.40 6.50



#5

Bromomethane

Concen: 25.175 ug/l

RT: 2.18 min Scan# 66

Delta R.T. 0.01 min

Lab File: VD060336.D

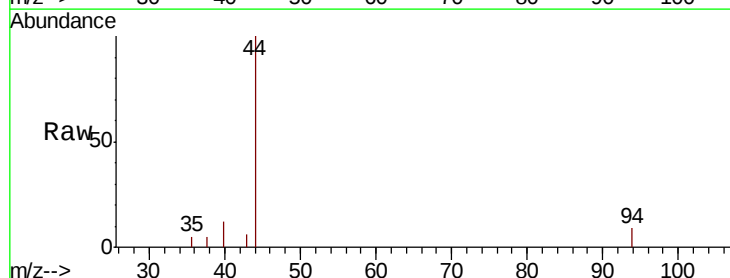
Acq: 12 Nov 2018 14:36

Tgt Ion: 94 Resp: 2522

Ion Ratio Lower Upper

94 100

96 0.0 76.6 114.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.18

800

600

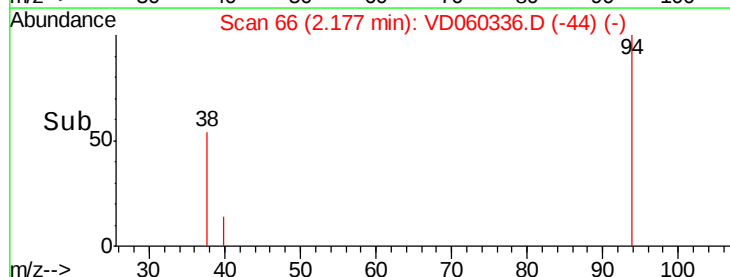
400

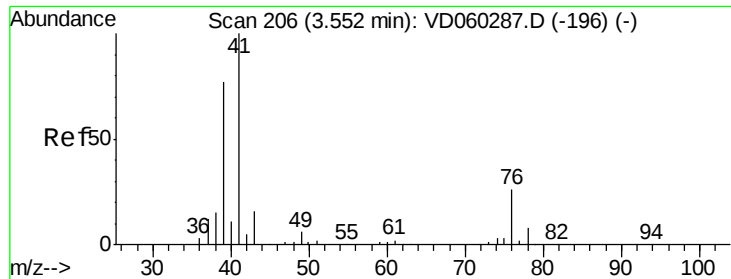
200

0

Time-->

2.10 2.15 2.20 2.25

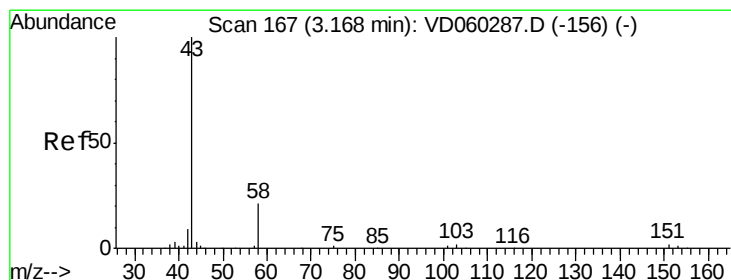
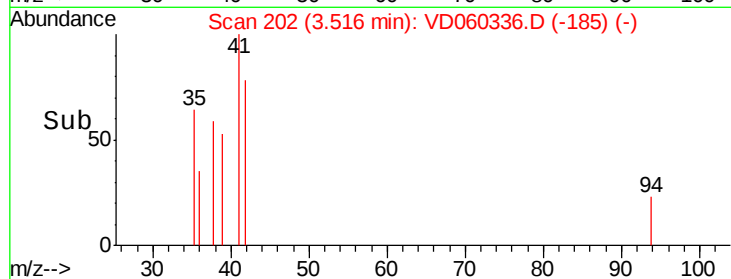
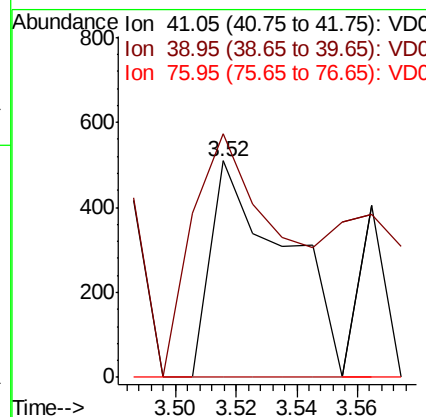
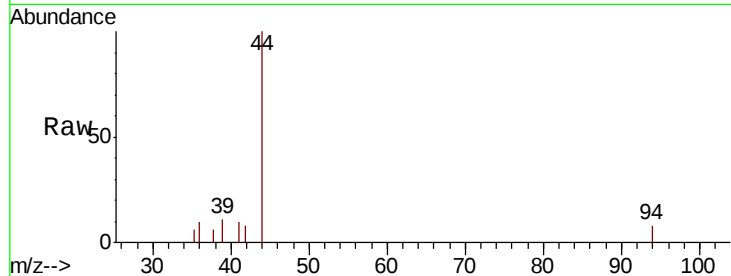




#14
 Allyl chloride
 Concen: 1.699 ug/l
 RT: 3.52 min Scan# 202
 Delta R.T. -0.04 min
 Lab File: VD060336.D
 Acq: 12 Nov 2018 14:36

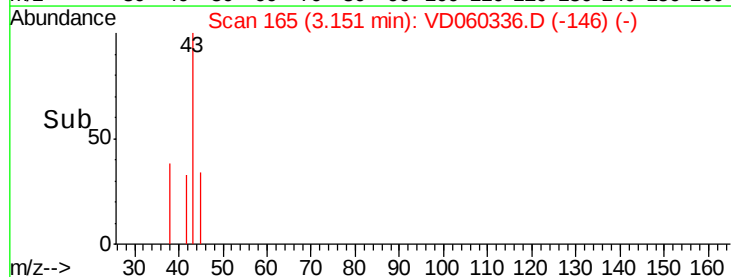
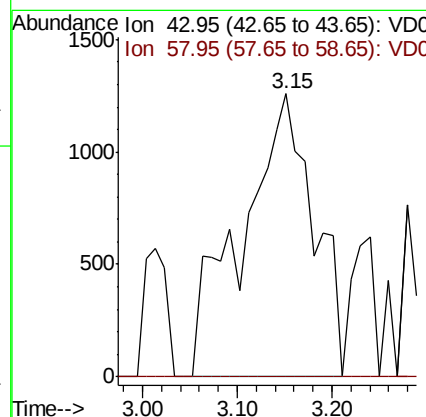
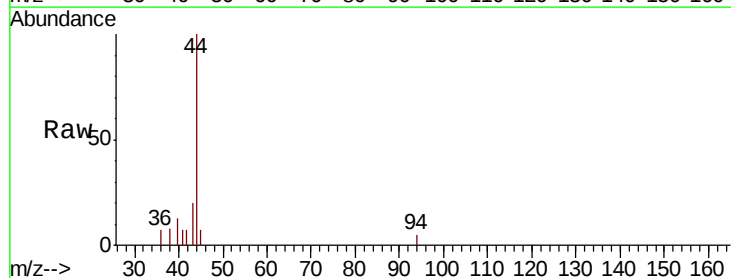
Instrument :
 MSVOA_D
 ClientSampleId :
 WALL-F

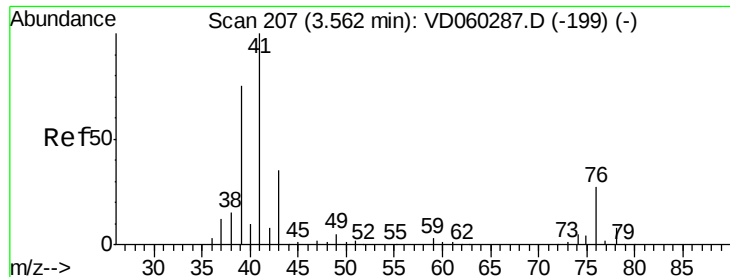
Tgt Ion: 41 Resp: 866
 Ion Ratio Lower Upper
 41 100
 39 112.6 60.4 90.6#
 76 0.0 21.8 32.8#



#16
 Acetone
 Concen: 97.811 ug/l
 RT: 3.15 min Scan# 165
 Delta R.T. -0.02 min
 Lab File: VD060336.D
 Acq: 12 Nov 2018 14:36

Tgt Ion: 43 Resp: 6631
 Ion Ratio Lower Upper
 43 100
 58 0.0 16.9 25.3#

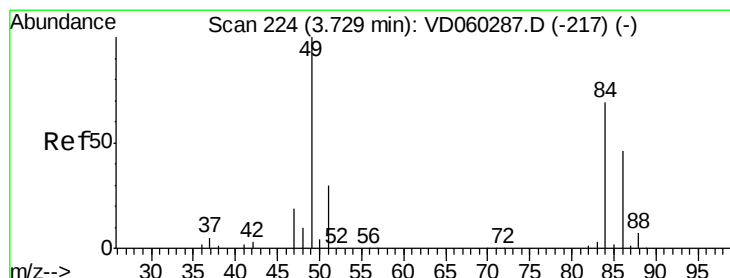
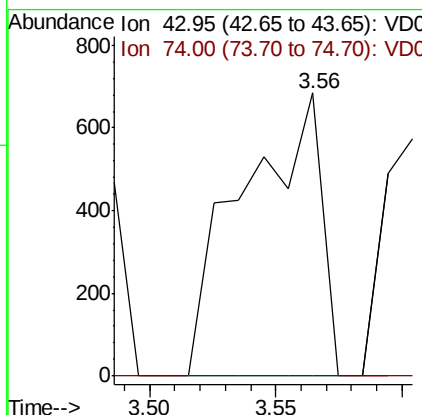
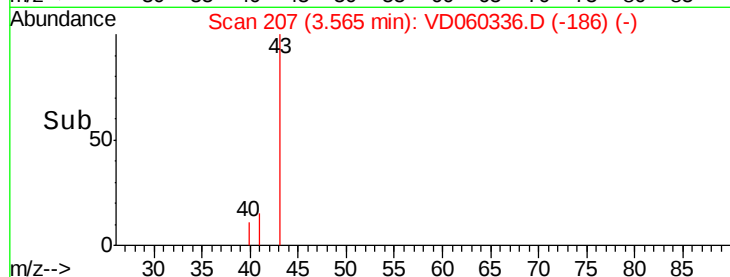
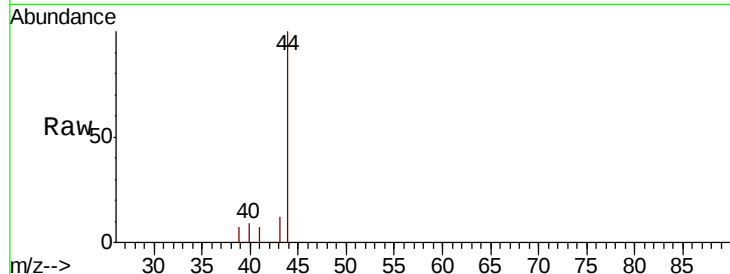




#18
Methyl Acetate
Concen: 10.252 ug/l
RT: 3.56 min Scan# 207
Delta R.T. 0.00 min
Lab File: VD060336.D
Acq: 12 Nov 2018 14:36

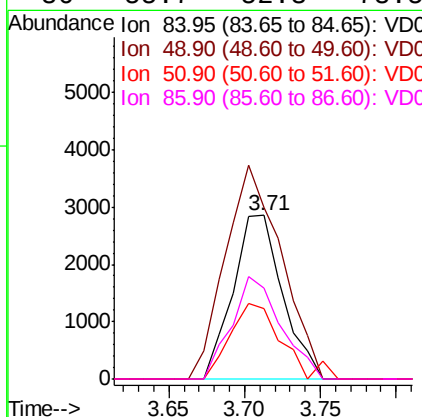
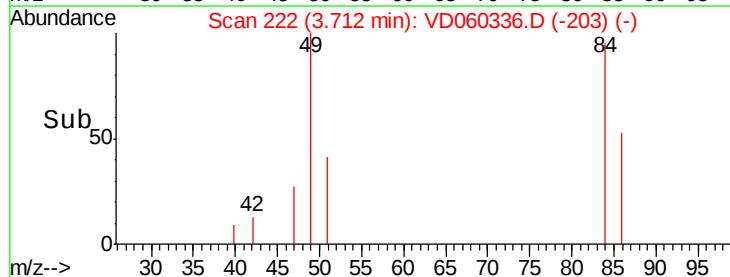
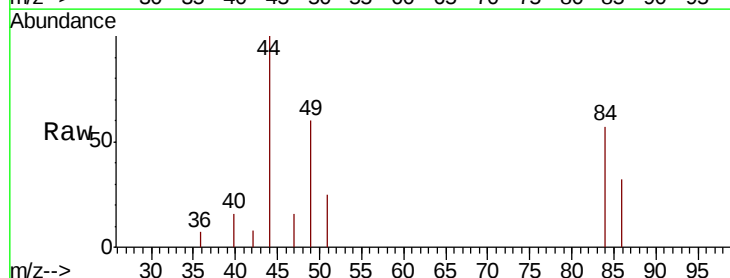
Instrument :
MSVOA_D
ClientSampleId :
WALL-F

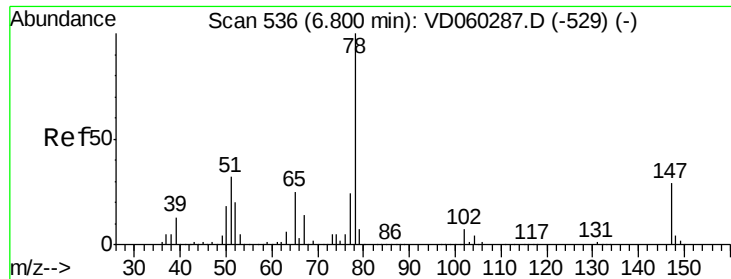
Tgt Ion: 43 Resp: 1482
Ion Ratio Lower Upper
43 100
74 0.0 12.4 18.6#



#20
Methylene Chloride
Concen: 10.837 ug/l
RT: 3.71 min Scan# 222
Delta R.T. -0.02 min
Lab File: VD060336.D
Acq: 12 Nov 2018 14:36

Tgt Ion: 84 Resp: 6517
Ion Ratio Lower Upper
84 100
49 104.8 115.6 173.4#
51 43.0 35.6 53.4
86 55.7 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 532

Delta R.T. -0.04 min

Lab File: VD060336.D

Acq: 12 Nov 2018 14:36

Instrument :

MSVOA_D

ClientSampleId :

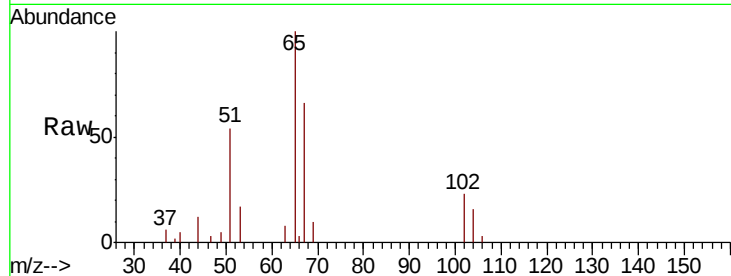
WALL-F

Tgt Ion: 65 Resp: 34933

Ion Ratio Lower Upper

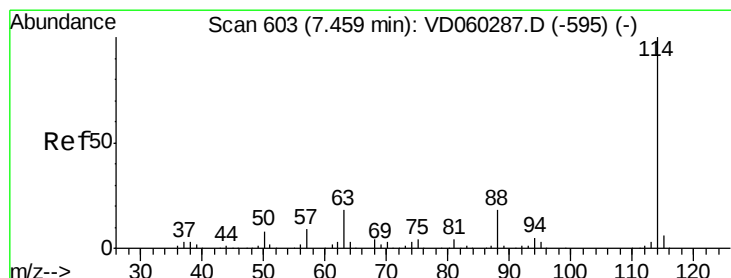
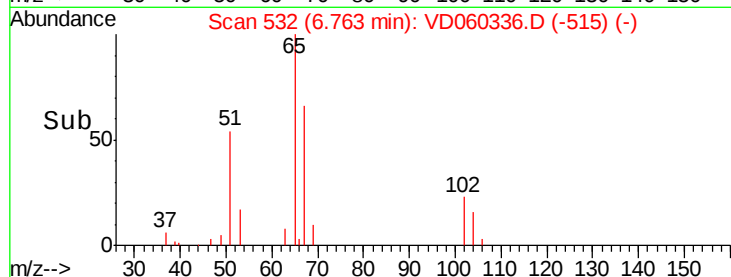
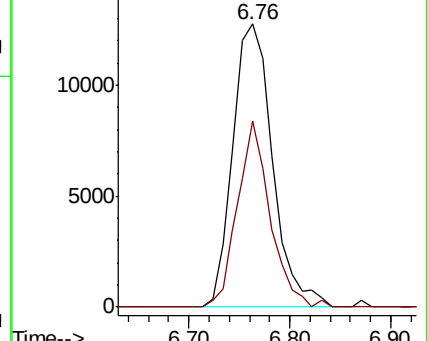
65 100

67 65.6 0.0 109.8



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: 7.42 min Scan# 599

Delta R.T. -0.04 min

Lab File: VD060336.D

Acq: 12 Nov 2018 14:36

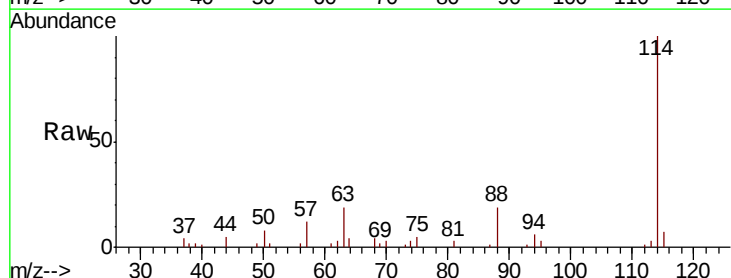
Tgt Ion: 114 Resp: 87083

Ion Ratio Lower Upper

114 100

63 19.1 0.0 34.0

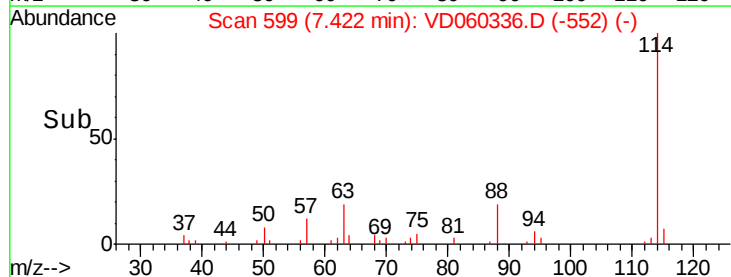
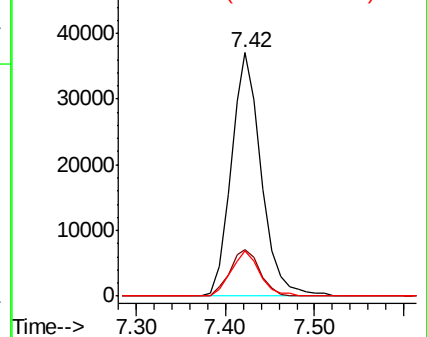
88 18.6 0.0 35.4

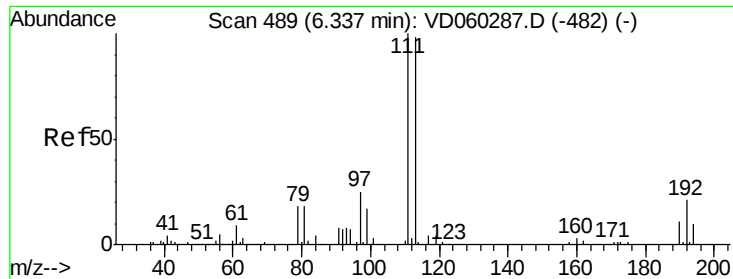


Abundance Ion 114.00 (113.70 to 114.70): VDC

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: 6.30 min Scan# 485

Delta R.T. -0.04 min

Lab File: VD060336.D

Acq: 12 Nov 2018 14:36

Instrument :
MSVOA_D
ClientSampleId :
WALL-F

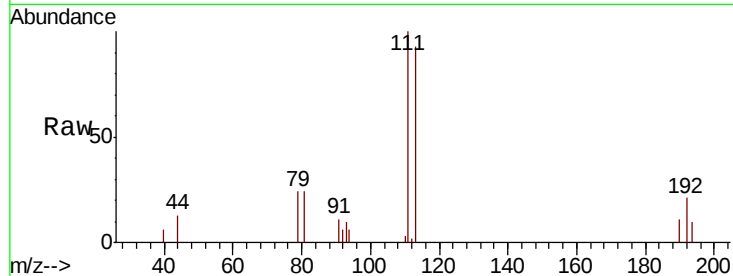
Tgt Ion:113 Resp: 36543

Ion Ratio Lower Upper

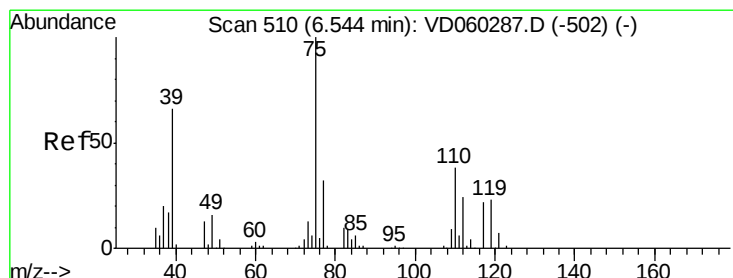
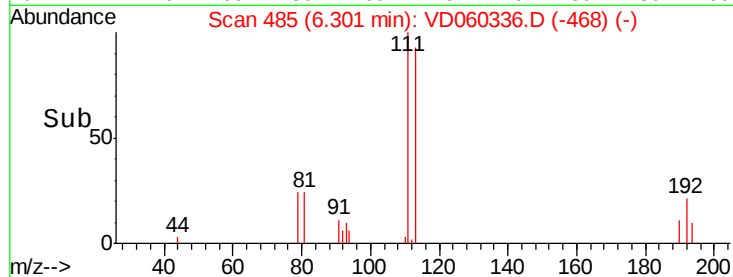
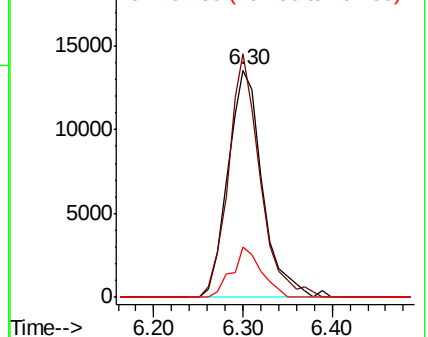
113 100

111 107.2 81.6 122.4

192 22.3 16.5 24.7



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: 4.514 ug/l

RT: 6.38 min Scan# 493

Delta R.T. -0.16 min

Lab File: VD060336.D

Acq: 12 Nov 2018 14:36

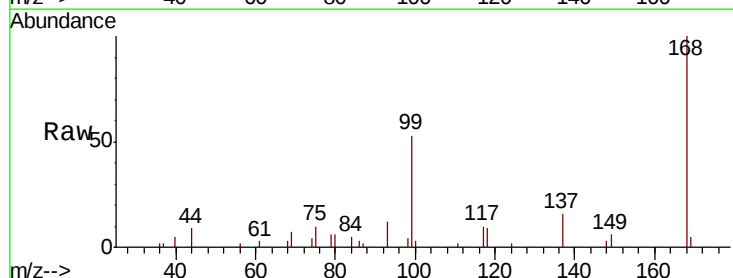
Tgt Ion: 75 Resp: 3884

Ion Ratio Lower Upper

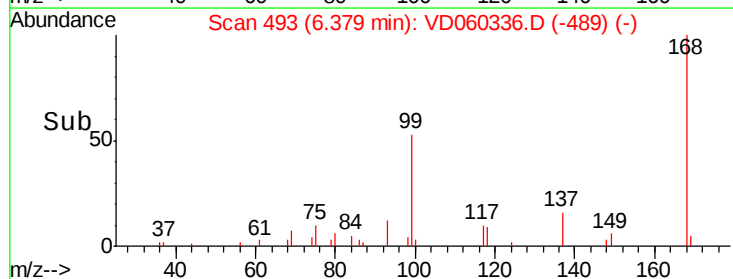
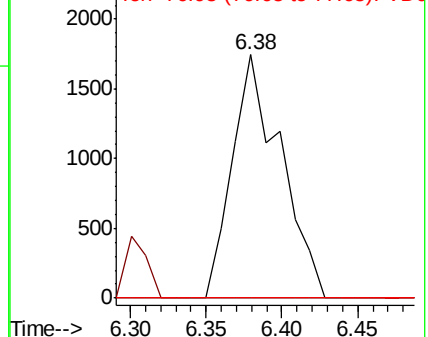
75 100

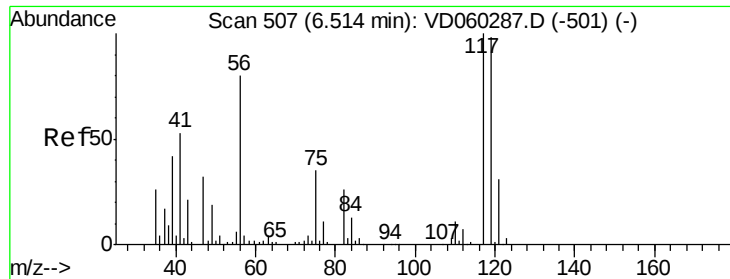
110 0.0 18.0 54.0#

77 0.0 25.6 38.4#



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

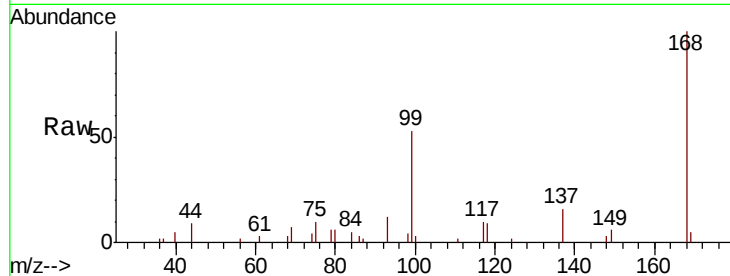




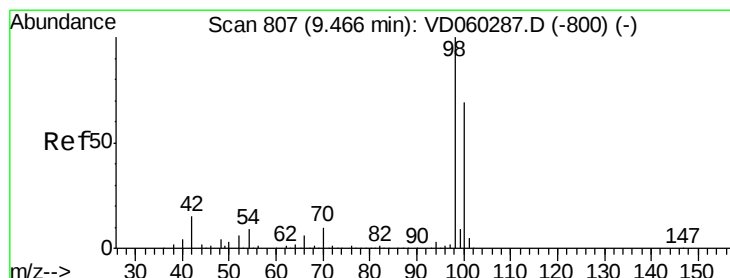
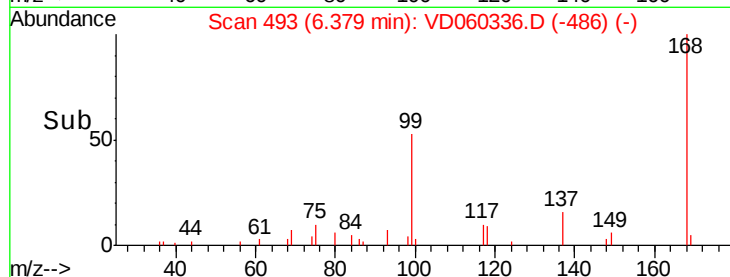
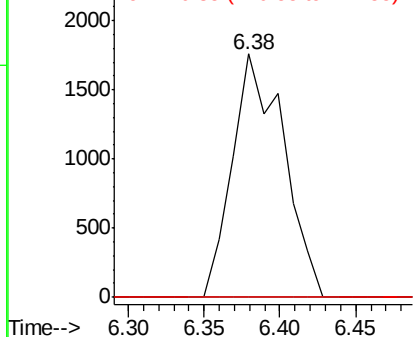
#38
Carbon Tetrachloride
Concen: 5.190 ug/l
RT: 6.38 min Scan# 493
Delta R.T. -0.13 min
Lab File: VD060336.D
Acq: 12 Nov 2018 14:36

Instrument :
MSVOA_D
ClientSampleId :
WALL-F

Tgt Ion: 117 Resp: 4142
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.3 36.5#

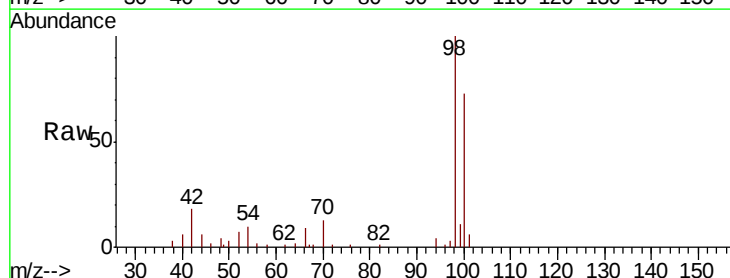


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

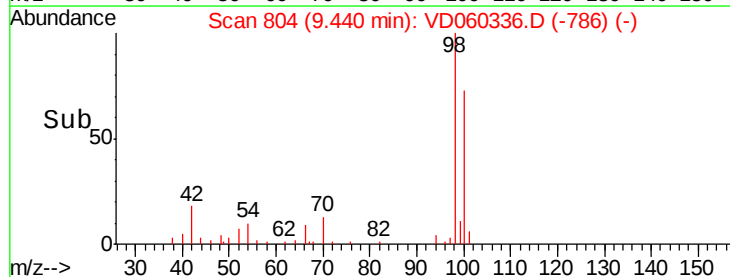
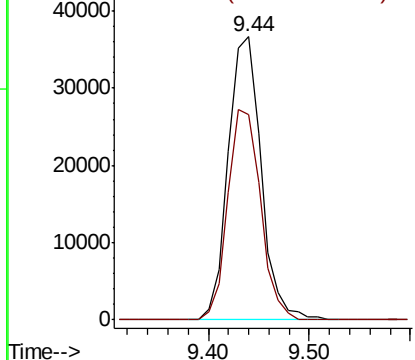


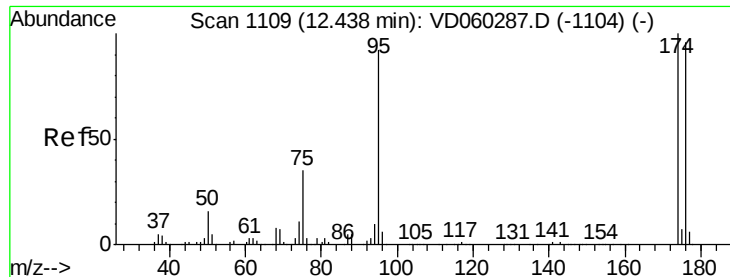
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.03 min
Lab File: VD060336.D
Acq: 12 Nov 2018 14:36

Tgt Ion: 98 Resp: 83202
Ion Ratio Lower Upper
98 100
100 72.7 55.2 82.8



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

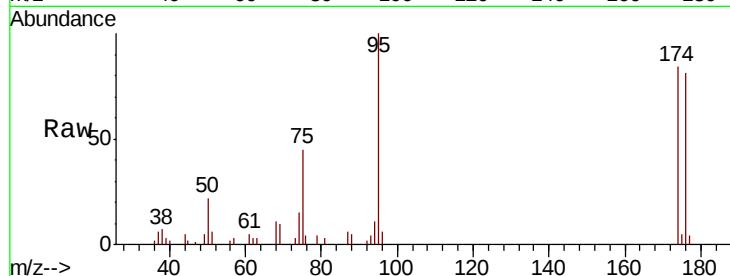




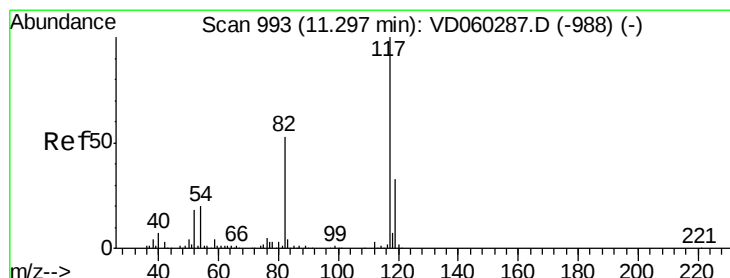
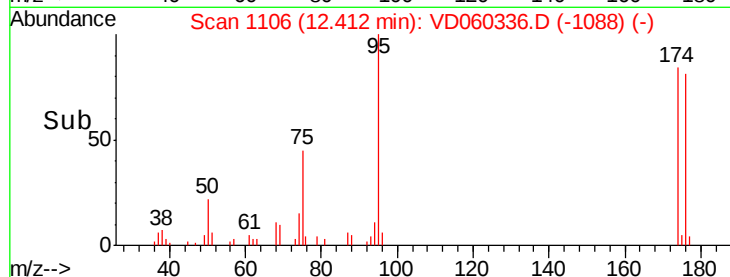
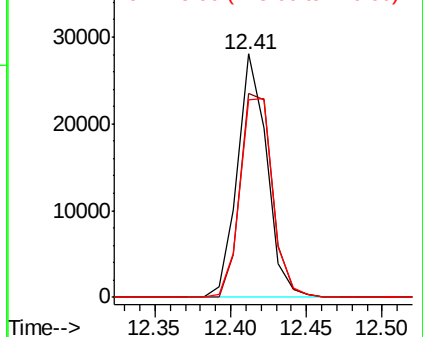
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1106
Delta R.T. -0.03 min
Lab File: VD060336.D
Acq: 12 Nov 2018 14:36

Instrument :
MSVOA_D
ClientSampleId :
WALL-F

Tgt Ion: 95 Resp: 37794
Ion Ratio Lower Upper
95 100
174 83.6 0.0 160.8
176 81.2 0.0 154.6

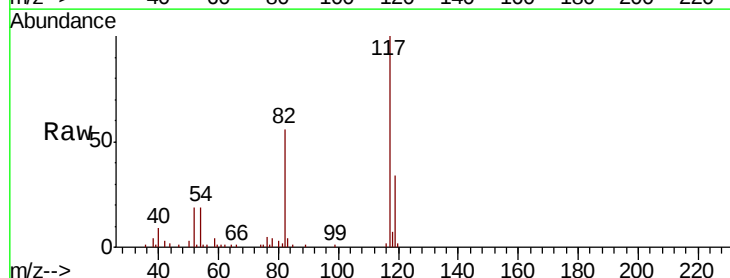


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

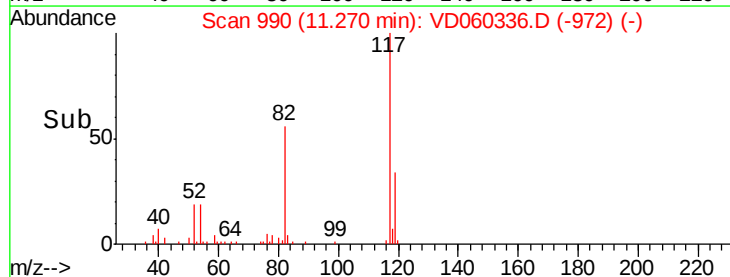
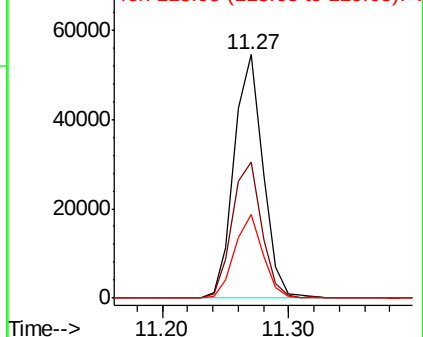


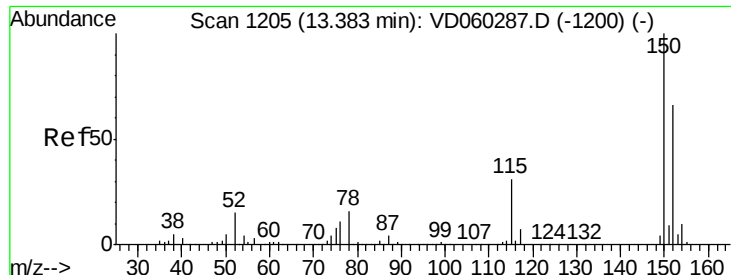
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD060336.D
Acq: 12 Nov 2018 14:36

Tgt Ion: 117 Resp: 85923
Ion Ratio Lower Upper
117 100
82 56.0 43.7 65.5
119 34.4 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: 13.36 min Scan# 1202

Delta R.T. -0.03 min

Lab File: VD060336.D

Acq: 12 Nov 2018 14:36

Instrument :

MSVOA_D

ClientSampleId :

WALL-F

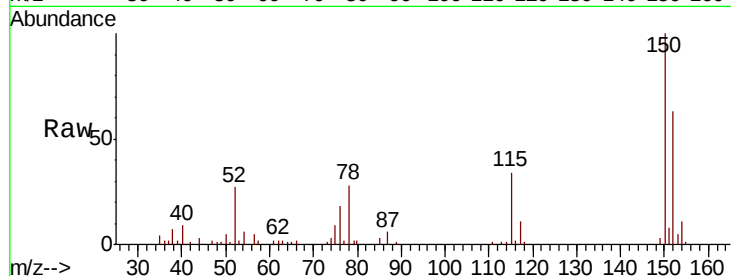
Tgt Ion: 152 Resp: 43229

Ion Ratio Lower Upper

152 100

115 54.2 24.1 72.3

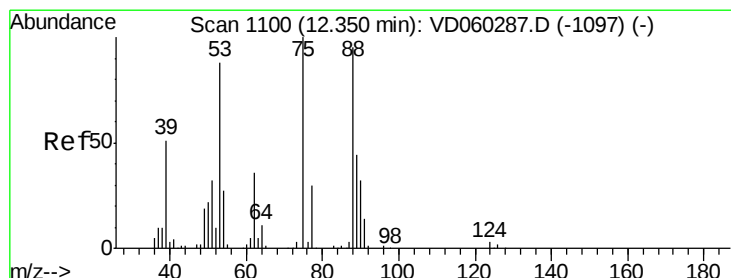
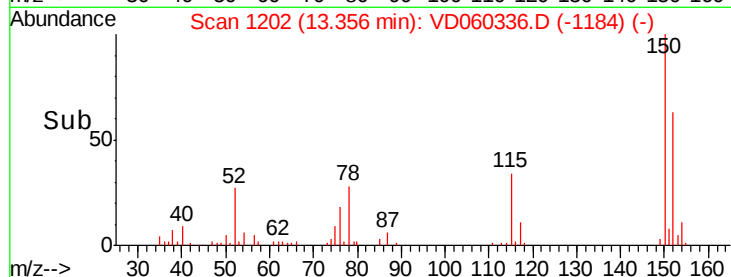
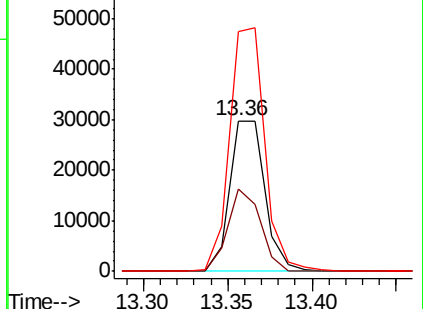
150 159.0 0.0 310.6



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



#81

trans-1,4-Dichloro-2-butene

Concen: 108.529 ug/l

RT: 12.41 min Scan# 1106

Delta R.T. 0.06 min

Lab File: VD060336.D

Acq: 12 Nov 2018 14:36

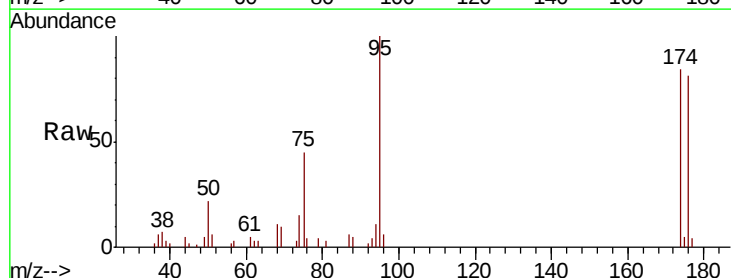
Tgt Ion: 75 Resp: 15978

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#



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

