

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110718\
 Data File : VD060304.D
 Acq On : 7 Nov 2018 16:42
 Operator : JC/SY
 Sample : J5762-03
 Misc : 6.21g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 08:16:17 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	6.41	168	72663	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	108246	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	86207	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	35720	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	43310	83.24	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	166.48%	
35) Dibromofluoromethane	6.33	113	43514	53.91	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	107.82%	
50) Toluene-d8	9.45	98	81975	34.70	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	69.40%	
62) 4-Bromofluorobenzene	12.43	95	29244	34.16	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	68.32%	

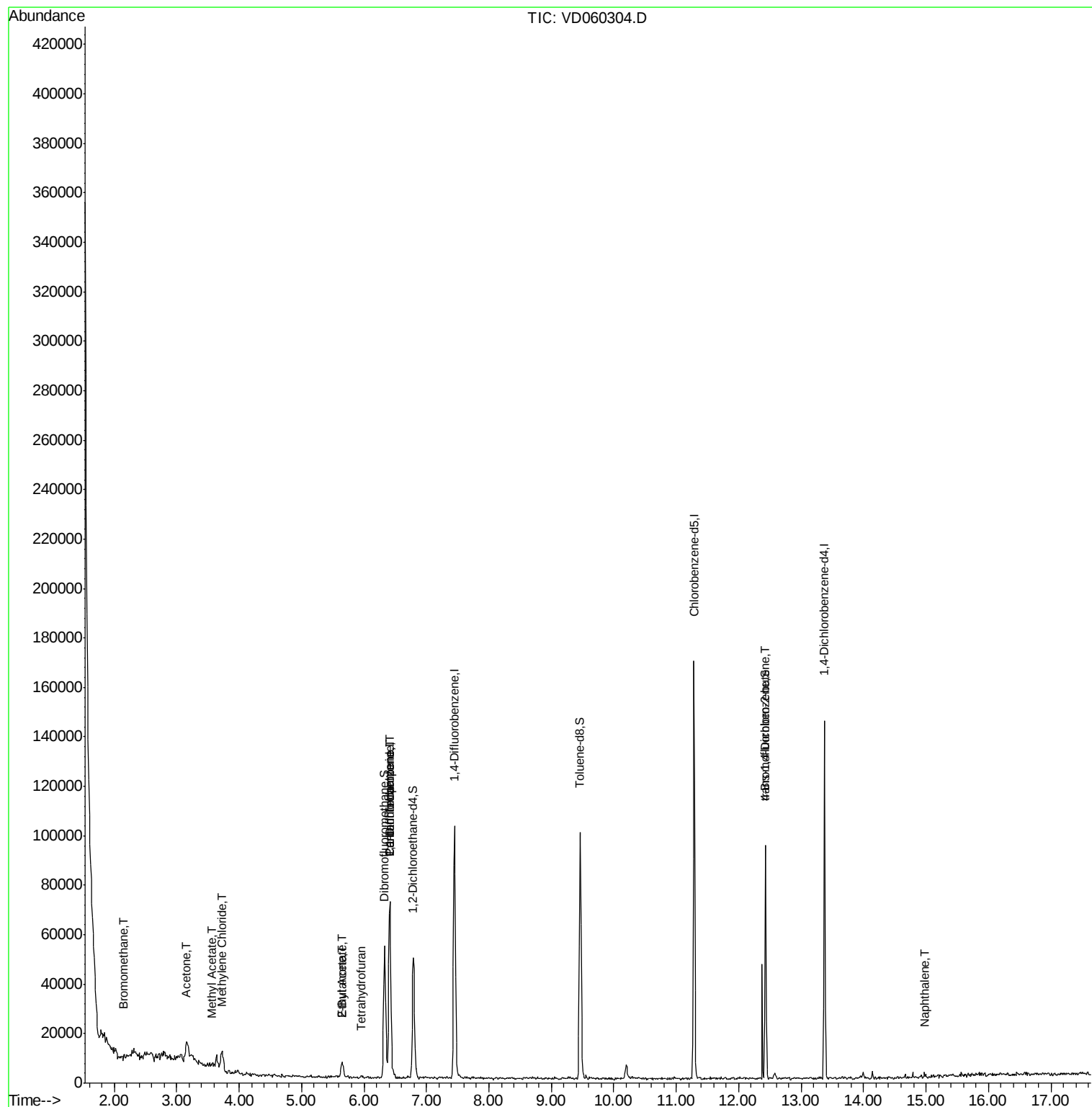
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	1050	7.87	ug/l #	2
16) Acetone	3.16	43	18094	200.49	ug/l	98
18) Methyl Acetate	3.57	43	2617	13.60	ug/l #	63
20) Methylene Chloride	3.73	84	4204	5.25	ug/l	92
25) 2-Butanone	5.64	43	626	3.34	ug/l #	60
29) Tetrahydrofuran	5.95	42	678	6.86	ug/l #	41
36) 1,1-Dichloropropene	6.41	75	5339	4.99	ug/l #	41
37) Ethyl Acetate	5.64	43	626	1.27	ug/l #	69
38) Carbon Tetrachloride	6.40	117	5712	5.76	ug/l #	12
81) trans-1,4-Dichloro-2-buten	12.43	75	12150	99.88	ug/l #	15
95) Naphthalene	14.98	128	1556	1.59	ug/l #	70

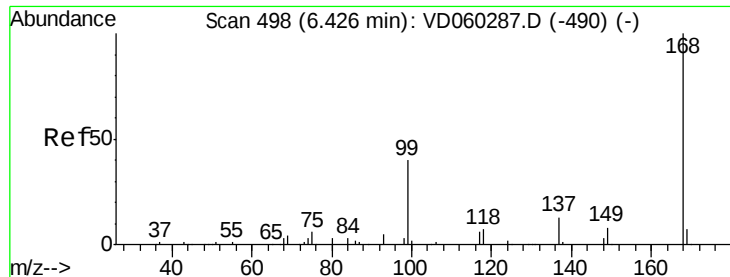
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110718\
Data File : VD060304.D
Acq On : 7 Nov 2018 16:42
Operator : JC/SY
Sample : J5762-03
Misc : 6.21g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 08 08:16:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060304.D

Acq: 7 Nov 2018 16:42

Instrument :

MSVOA_D

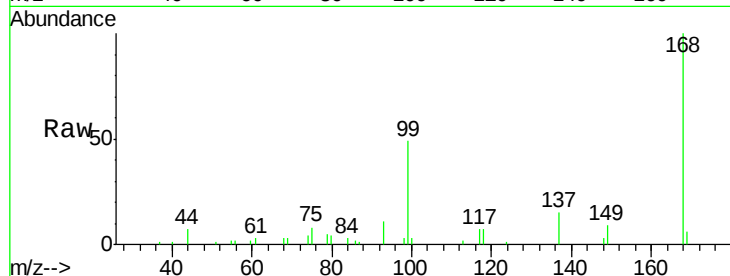
ClientSampled :

Tot Ion:168 Resp: 72663

Ion Ratio Lower Upper

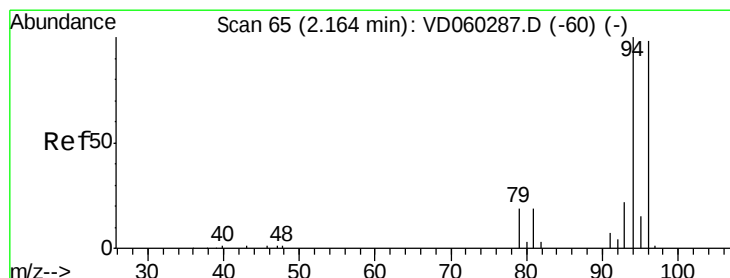
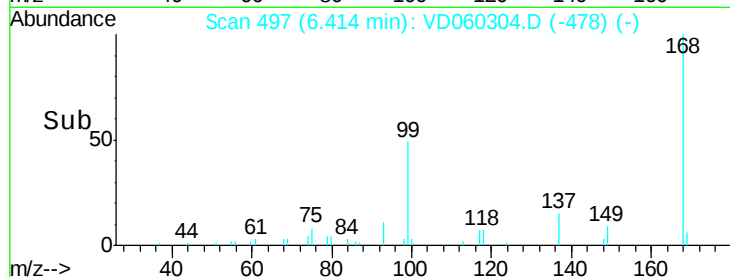
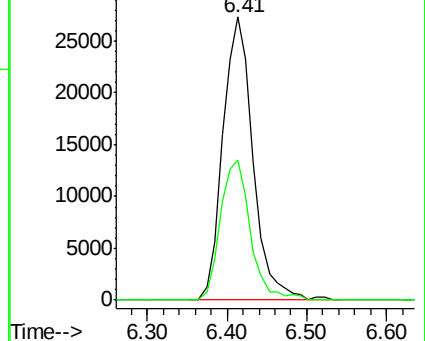
168 100

99 49.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60):

Ion 98.95 (98.65 to 99.65): VD



#5

Bromomethane

Concen: 7.87 ug/l

RT: 2.15 min Scan# 64

Delta R.T. -0.01 min

Lab File: VD060304.D

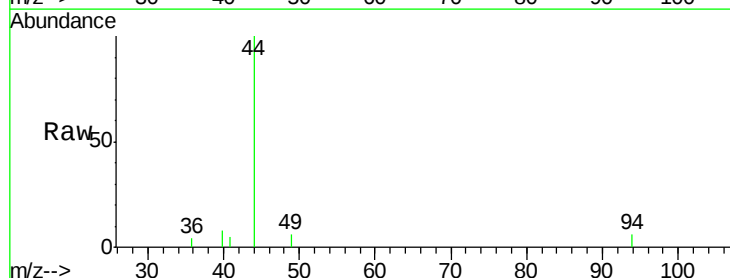
Acq: 7 Nov 2018 16:42

Tgt Ion: 94 Resp: 1050

Ion Ratio Lower Upper

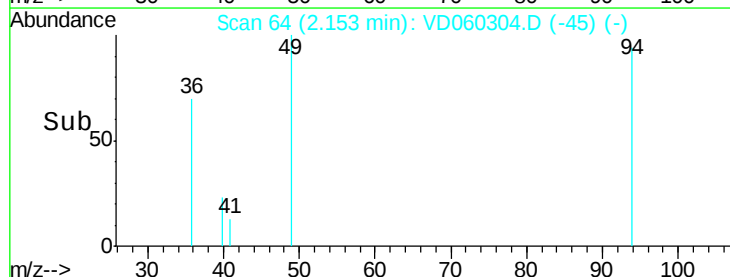
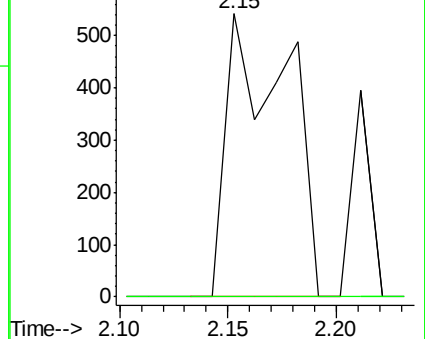
94 100

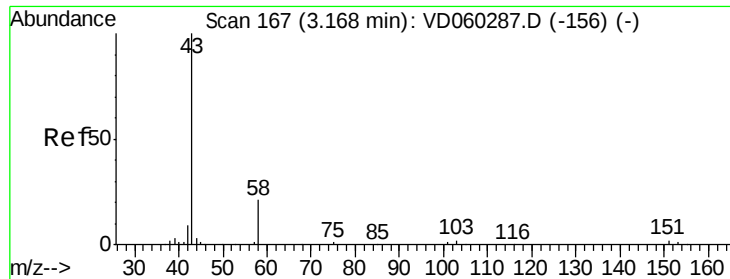
96 0.0 76.6 114.8#



Abundance Ion 93.90 (93.60 to 94.60): VD

Ion 95.90 (95.60 to 96.60): VD





#16

Acetone

Concen: 200.49 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060304.D

Acq: 7 Nov 2018 16:42

Instrument :

MSVOA_D

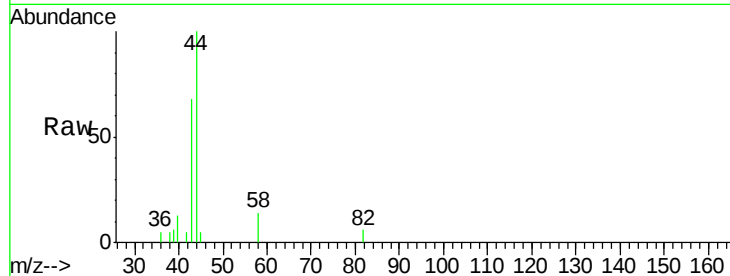
ClientSampled :

Tot Ion: 43 Resp: 18094

Ion Ratio Lower Upper

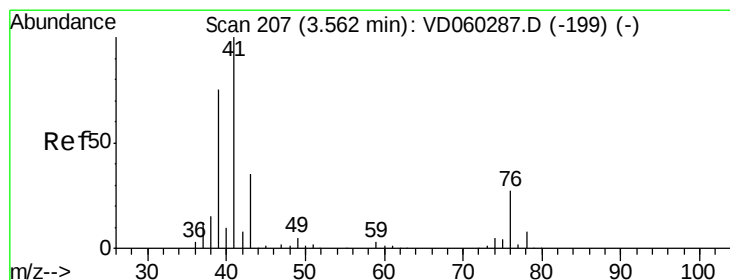
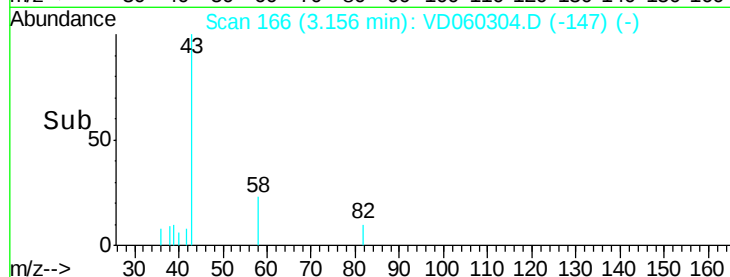
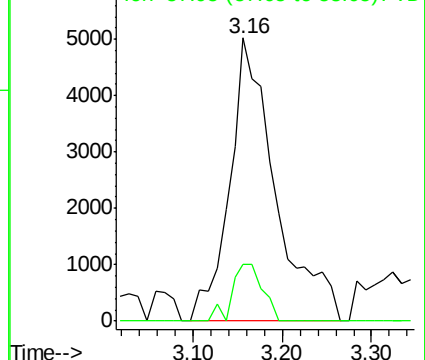
43 100

58 20.0 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VD

Ion 57.95 (57.65 to 58.65): VD



#18

Methyl Acetate

Concen: 13.60 ug/l

RT: 3.57 min Scan# 208

Delta R.T. 0.01 min

Lab File: VD060304.D

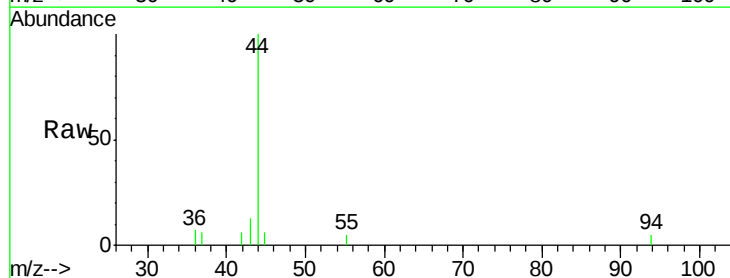
Acq: 7 Nov 2018 16:42

Tgt Ion: 43 Resp: 2617

Ion Ratio Lower Upper

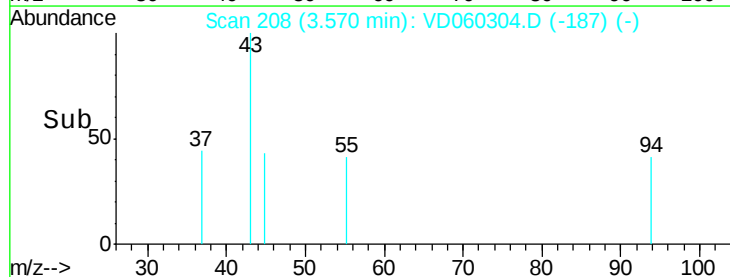
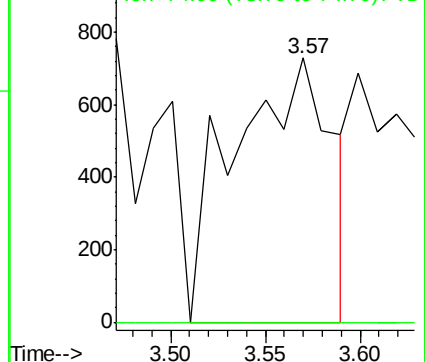
43 100

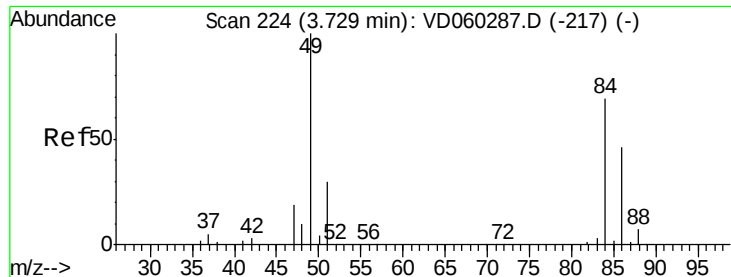
74 0.0 12.4 18.6#



Abundance Ion 42.95 (42.65 to 43.65): VD

Ion 74.00 (73.70 to 74.70): VD

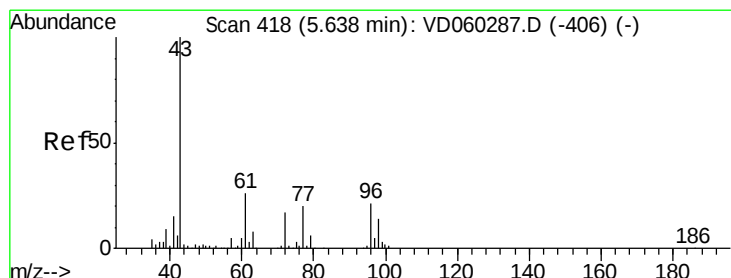
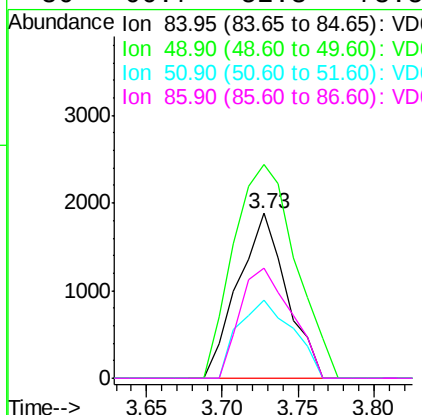
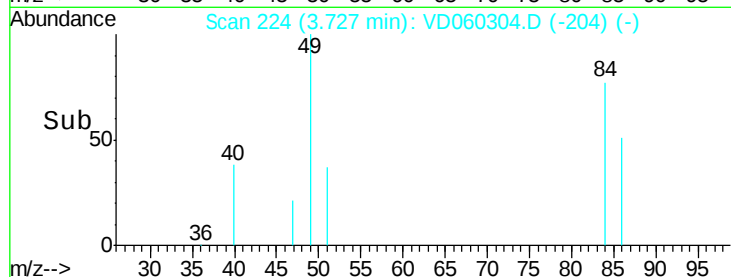
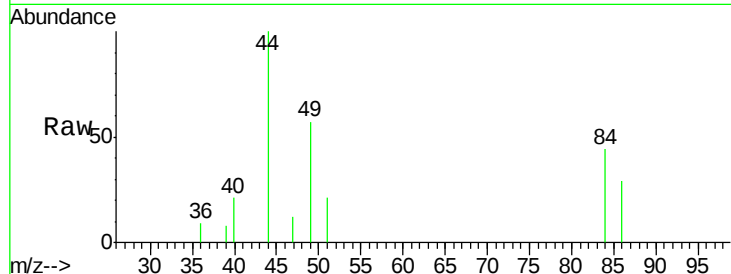




#20
Methvlene Chloride
Concen: 5.25 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060304.D
Acq: 7 Nov 2018 16:42

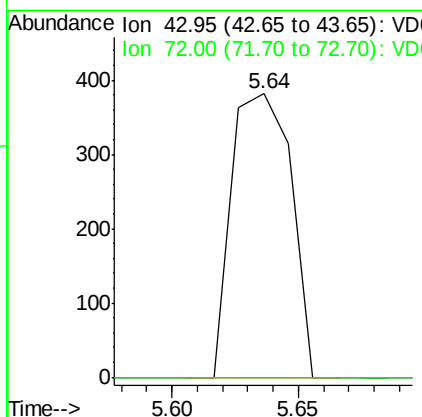
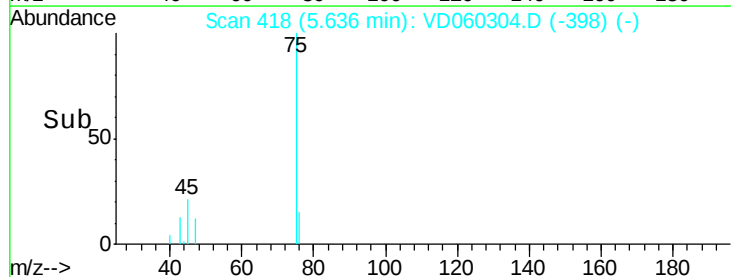
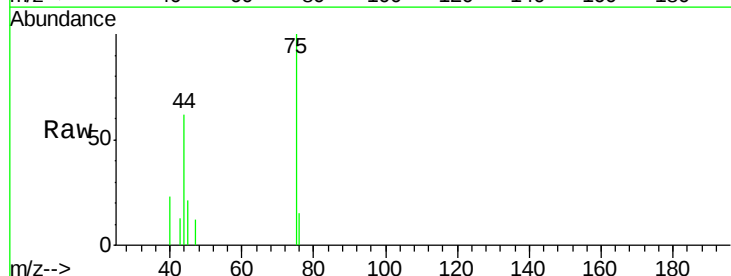
Instrument :
MSVOA_D
ClientSampleId :

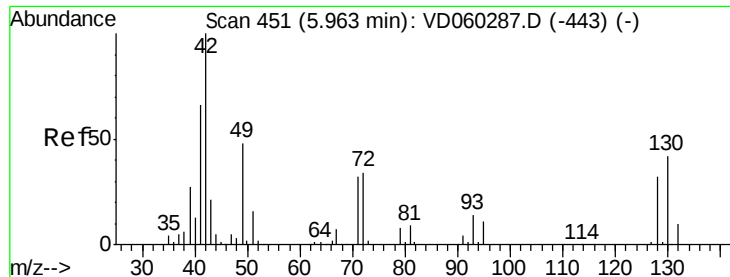
Tot Ion:	84	Resp:	4204
Ion	Ratio	Lower	Upper
84	100		
49	129.7	115.6	173.4
51	47.8	35.6	53.4
86	66.7	52.3	78.5



#25
2-Butanone
Concen: 3.34 ug/l
RT: 5.64 min Scan# 418
Delta R.T. -0.00 min
Lab File: VD060304.D
Acq: 7 Nov 2018 16:42

Tgt Ion:	43	Resp:	626
Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.8	20.8#





#29

Tetrahydrofuran

Concen: 6.86 ug/l

RT: 5.95 min Scan# 450

Delta R.T. -0.01 min

Lab File: VD060304.D

Acq: 7 Nov 2018 16:42

Instrument :

MSVOA_D

ClientSampled :

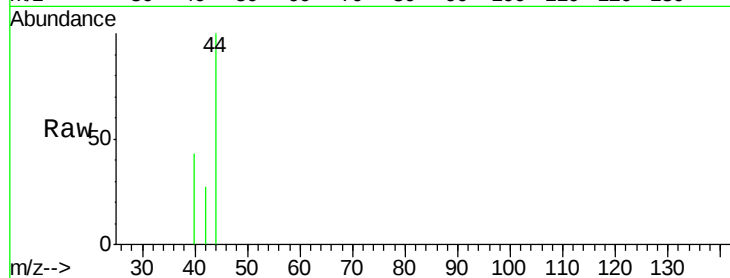
Tot Ion: 42 Resp: 678

Ion Ratio Lower Upper

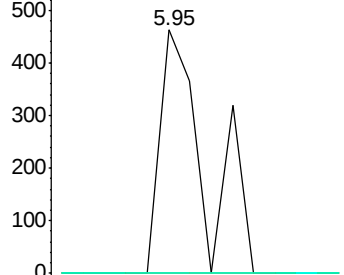
42 100

72 0.0 27.6 41.4#

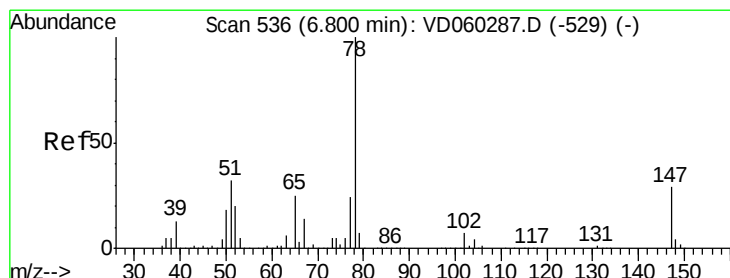
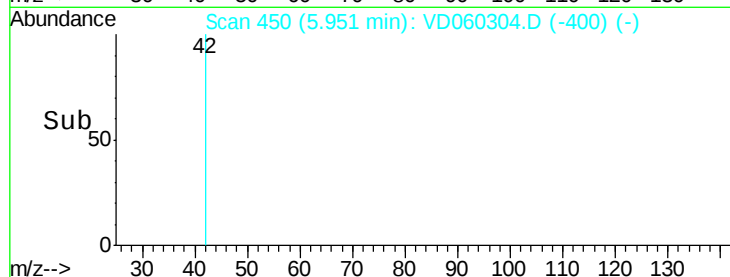
71 0.0 26.5 39.7#



Abundance Ion 42.00 (41.70 to 42.70): VD
Ion 72.00 (71.70 to 72.70): VD
Ion 71.00 (70.70 to 71.70): VD



Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. -0.01 min

Lab File: VD060304.D

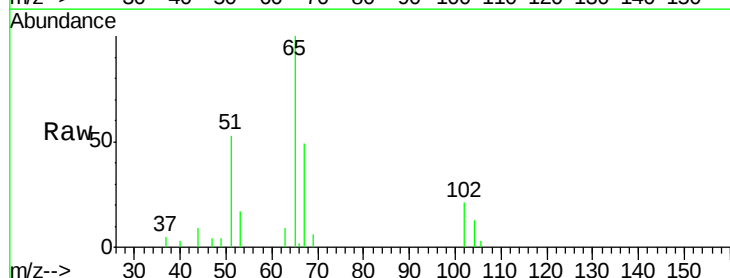
Acq: 7 Nov 2018 16:42

Tgt Ion: 65 Resp: 43310

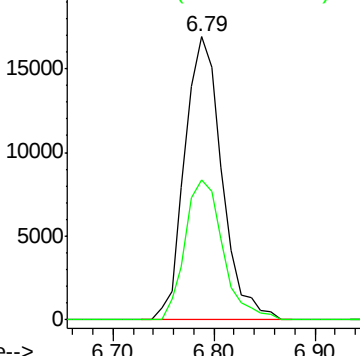
Ion Ratio Lower Upper

65 100

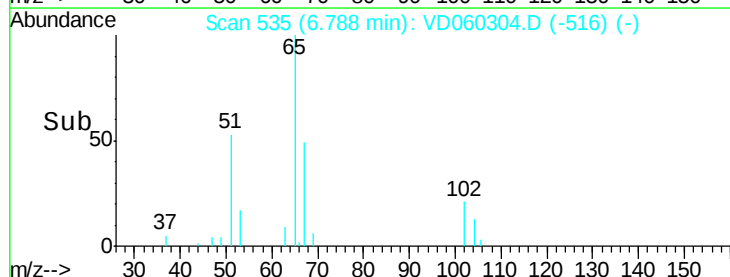
67 49.5 0.0 109.8

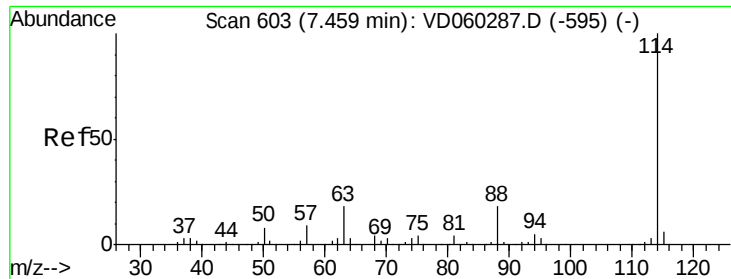


Abundance Ion 64.95 (64.65 to 65.65): VD
Ion 66.90 (66.60 to 67.60): VD



Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.45 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD060304.D

Acq: 7 Nov 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

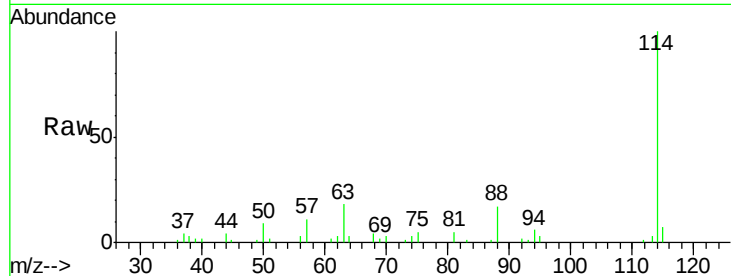
Tot Ion:114 Resp: 108246

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.0

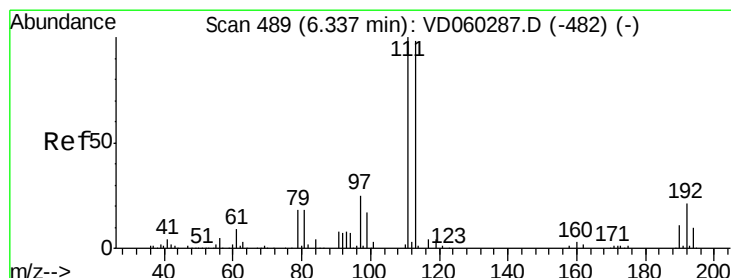
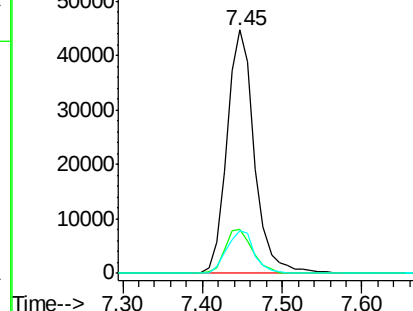
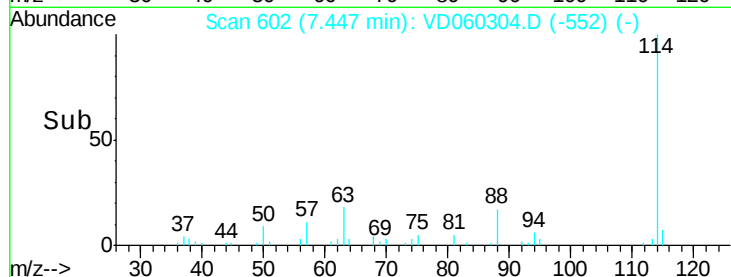
88 17.3 0.0 35.4



Abundance Ion 114.00 (113.70 to 114.70):

Ion 62.95 (62.65 to 63.65): VD

Ion 87.90 (87.60 to 88.60): VD



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.33 min Scan# 488

Delta R.T. -0.01 min

Lab File: VD060304.D

Acq: 7 Nov 2018 16:42

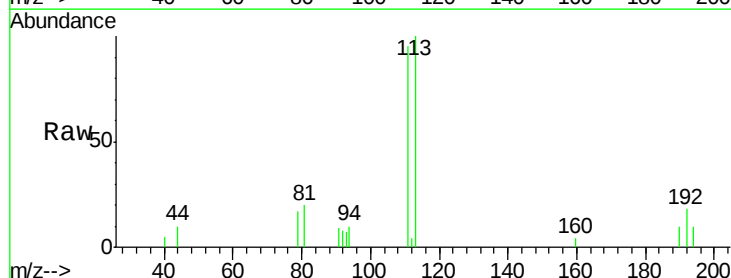
Tgt Ion:113 Resp: 43514

Ion Ratio Lower Upper

113 100

111 95.0 81.6 122.4

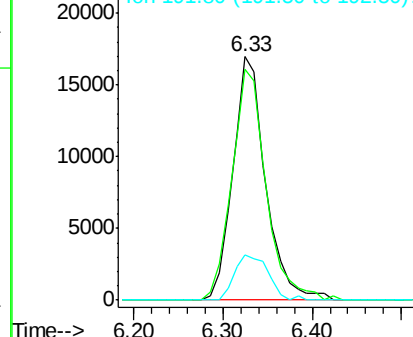
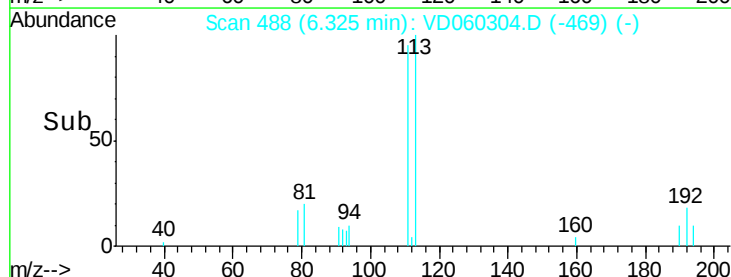
192 18.3 16.5 24.7

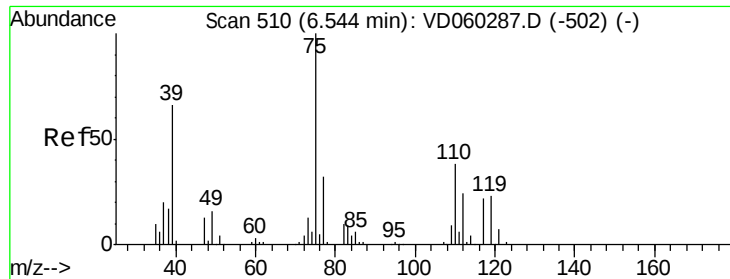


Abundance Ion 112.90 (112.60 to 113.60):

Ion 110.90 (110.60 to 111.60):

Ion 191.80 (191.50 to 192.50):

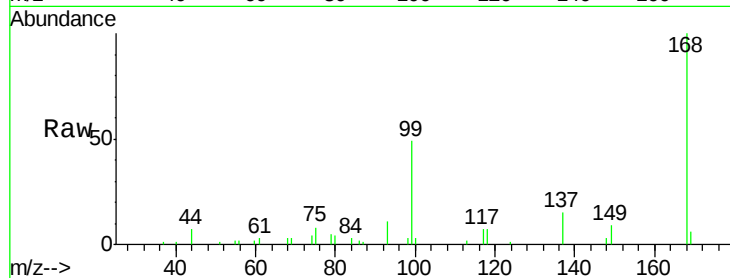




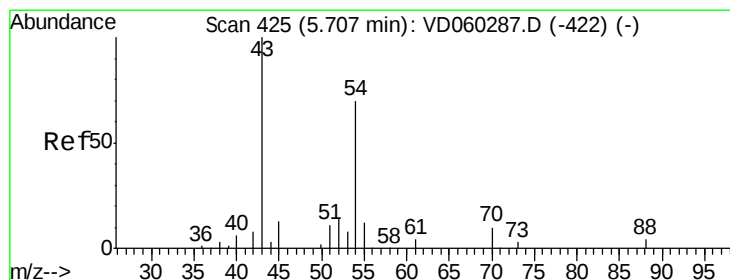
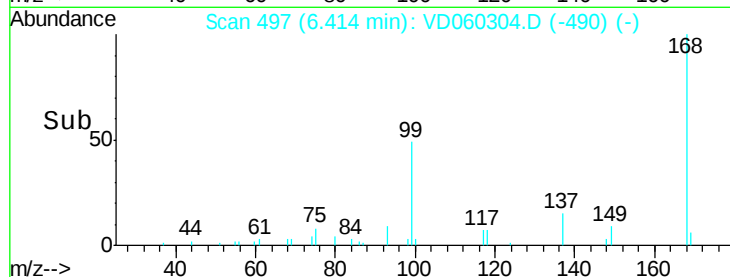
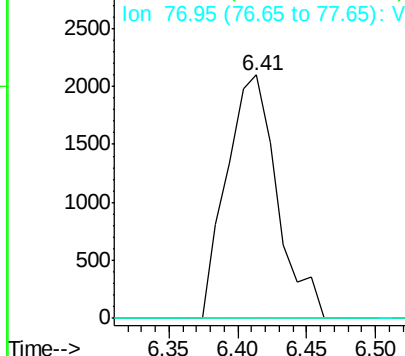
#36
 1,1-Dichloropropene
 Concen: 4.99 ug/l
 RT: 6.41 min Scan# 497
 Delta R.T. -0.13 min
 Lab File: VD060304.D
 Acq: 7 Nov 2018 16:42

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 75 Resp: 5339
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.0 54.0#
 77 0.0 25.6 38.4#

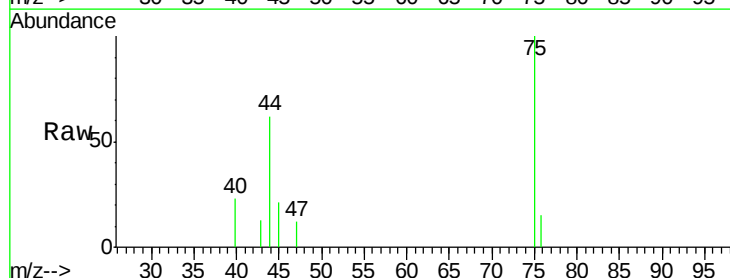


Abundance Ion 75.00 (74.70 to 75.70): VD
 Ion 109.90 (109.60 to 110.60): VD
 Ion 76.95 (76.65 to 77.65): VD

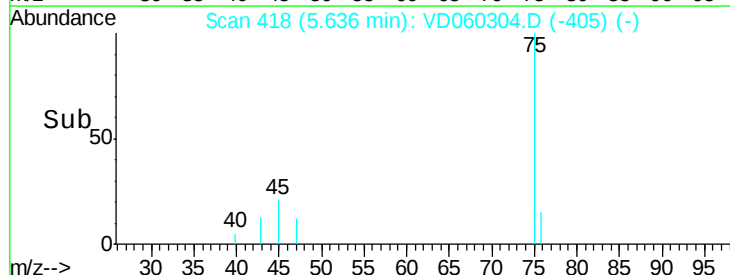
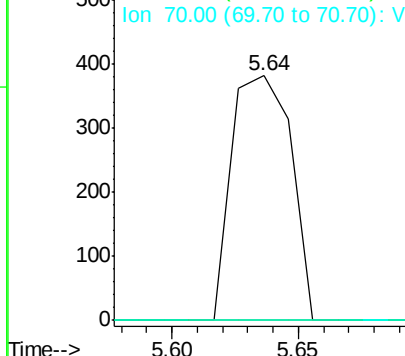


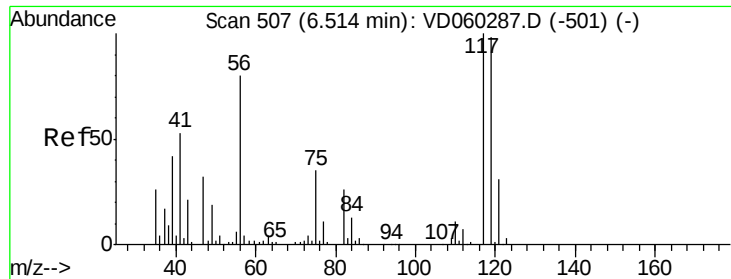
#37
 Ethyl Acetate
 Concen: 1.27 ug/l
 RT: 5.64 min Scan# 418
 Delta R.T. -0.07 min
 Lab File: VD060304.D
 Acq: 7 Nov 2018 16:42

Tgt Ion: 43 Resp: 626
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.6#
 70 0.0 6.2 9.4#



Abundance Ion 42.95 (42.65 to 43.65): VD
 Ion 60.95 (60.65 to 61.65): VD
 Ion 70.00 (69.70 to 70.70): VD





#38

Carbon Tetrachloride

Concen: 5.76 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.11 min

Lab File: VD060304.D

Acq: 7 Nov 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

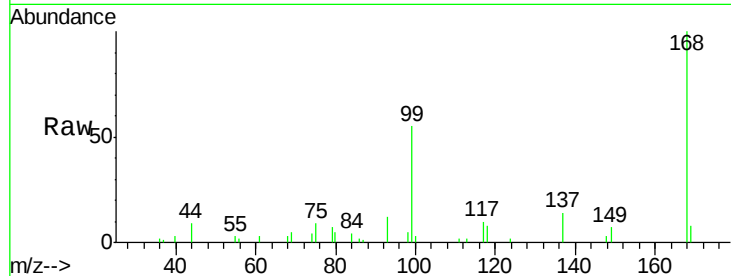
Tot Ion:117 Resp: 5712

Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

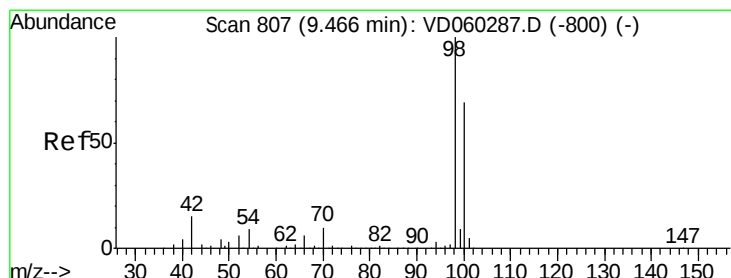
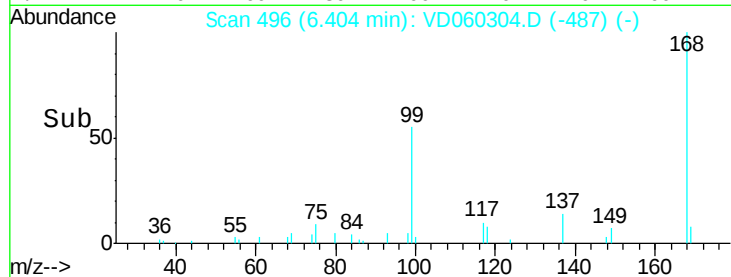
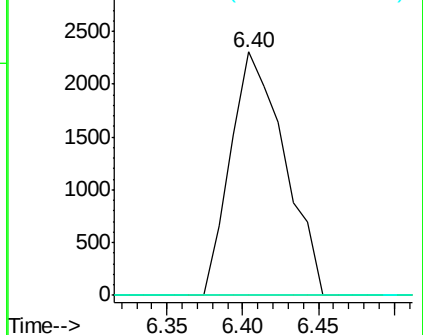
121 0.0 24.3 36.5#



Abundance Ion 116.85 (116.55 to 117.55):

Ion 118.85 (118.55 to 119.55):

Ion 120.85 (120.55 to 121.55):



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060304.D

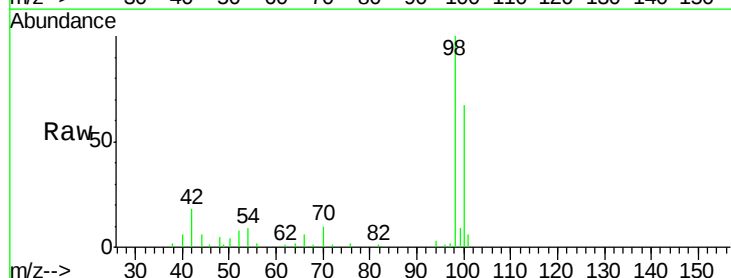
Acq: 7 Nov 2018 16:42

Tgt Ion: 98 Resp: 81975

Ion Ratio Lower Upper

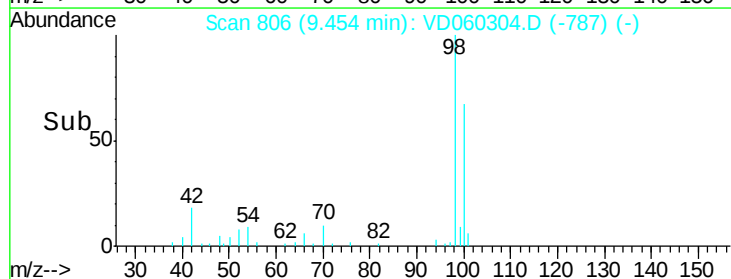
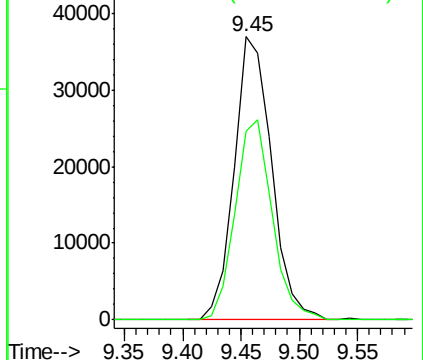
98 100

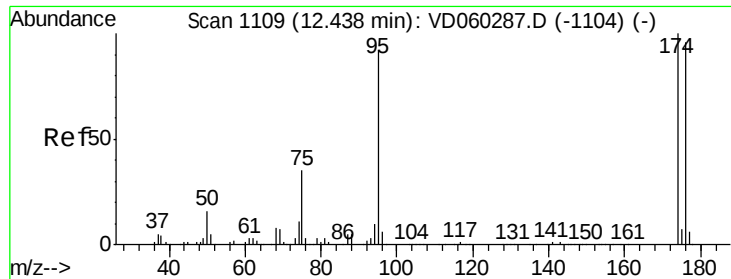
100 66.6 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VD

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: VD060304.D

Acq: 7 Nov 2018 16:42

Instrument :

MSVOA_D

ClientSampled :

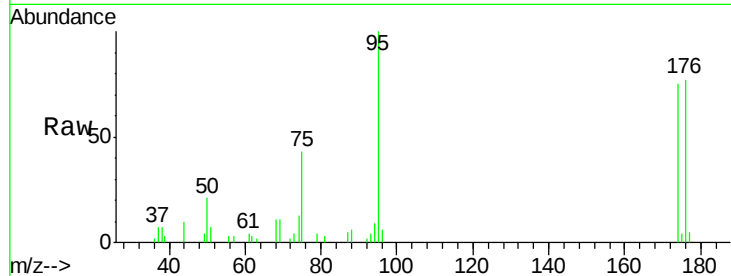
Tot Ion: 95 Resp: 29244

Ion Ratio Lower Upper

95 100

174 74.8 0.0 160.8

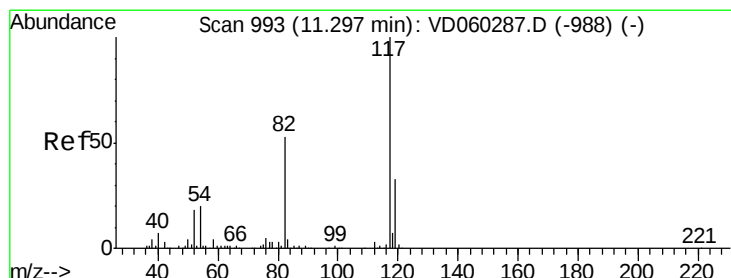
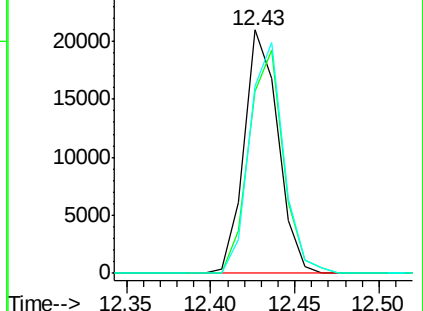
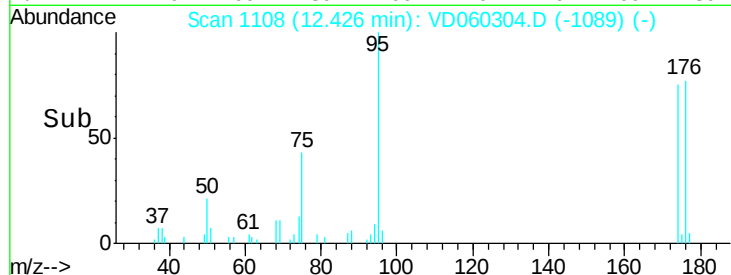
176 76.7 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): VD

Ion 173.90 (173.60 to 174.60):

Ion 175.90 (175.60 to 176.60):



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.28 min Scan# 992

Delta R.T. -0.01 min

Lab File: VD060304.D

Acq: 7 Nov 2018 16:42

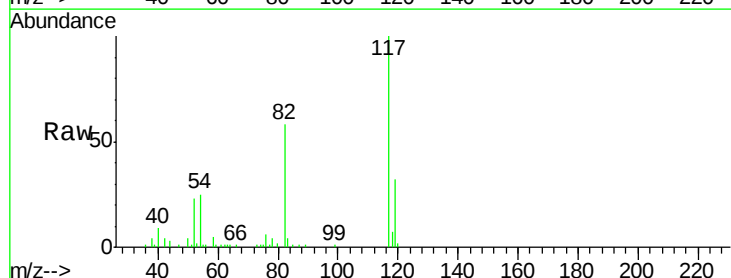
Tgt Ion: 117 Resp: 86207

Ion Ratio Lower Upper

117 100

82 58.2 43.7 65.5

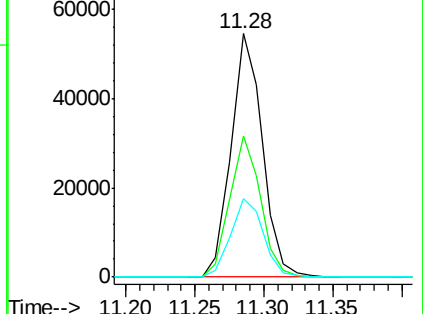
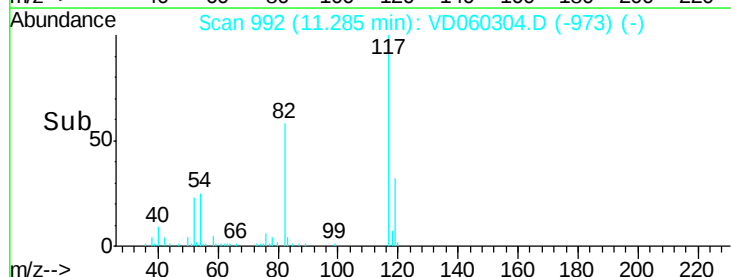
119 32.0 26.1 39.1

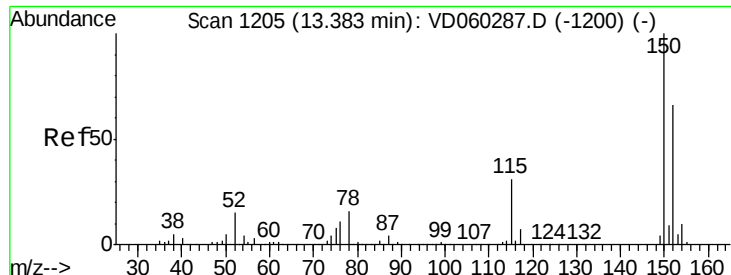


Abundance Ion 116.95 (116.65 to 117.65):

Ion 82.05 (81.75 to 82.75): VD

Ion 118.95 (118.65 to 119.65):





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.37 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060304.D

Acq: 7 Nov 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :

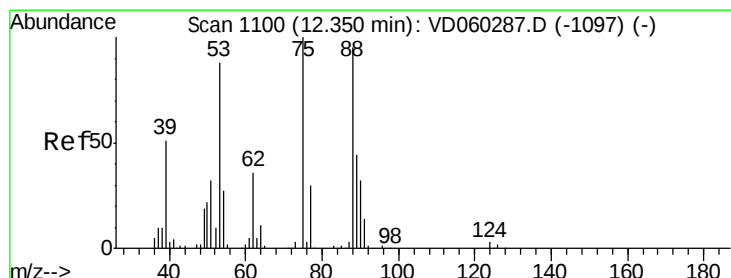
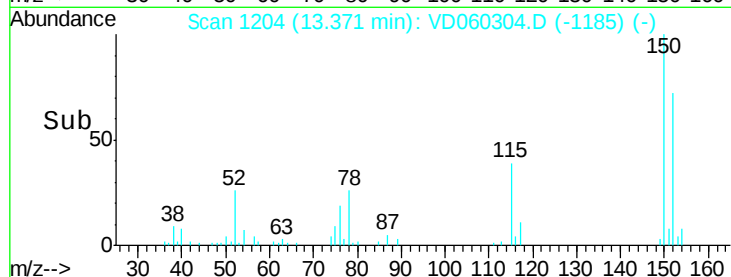
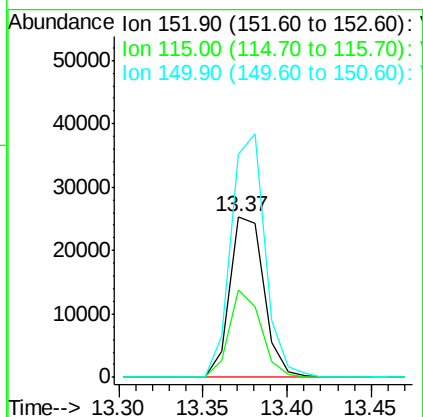
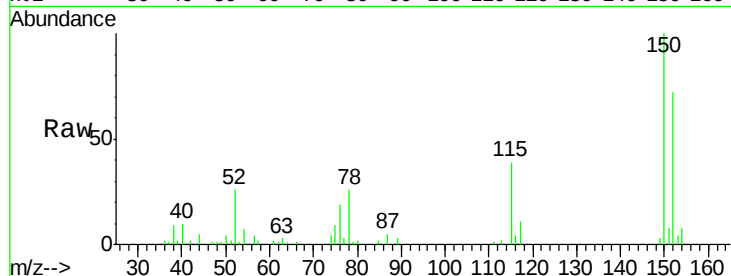
Tot Ion:152 Resp: 35720

Ion Ratio Lower Upper

152 100

115 54.9 24.1 72.3

150 139.2 0.0 310.6



#81

trans-1,4-Dichloro-2-butene

Concen: 99.88 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060304.D

Acq: 7 Nov 2018 16:42

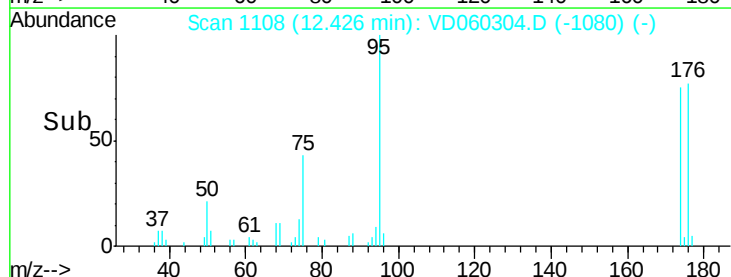
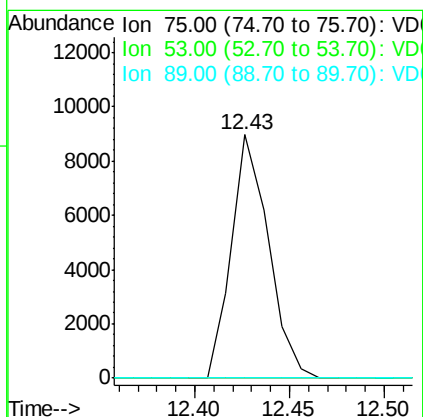
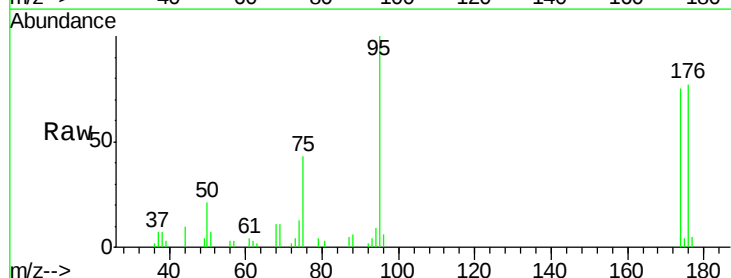
Tgt Ion: 75 Resp: 12150

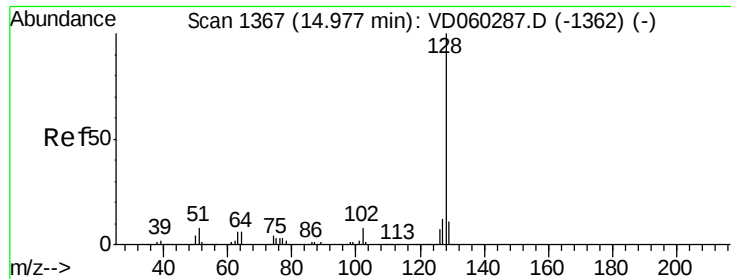
Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#





#95

Naphthalene

Concen: 1.59 ug/l

RT: 14.98 min Scan# 1367

Delta R.T. -0.00 min

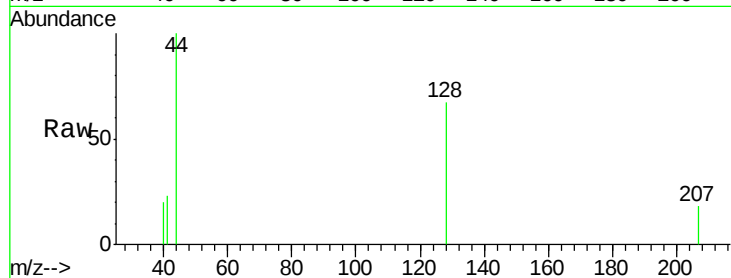
Lab File: VD060304.D

Acq: 7 Nov 2018 16:42

Instrument :

MSVOA_D

ClientSampleId :



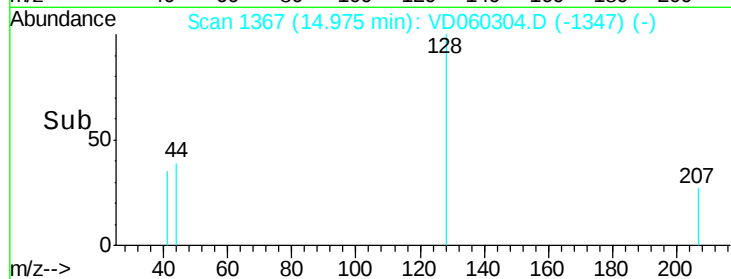
Tot Ion:128 Resp: 1556

Ion Ratio Lower Upper

128 100

127 0.0 9.6 14.4#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70):

Ion 127.00 (126.70 to 127.70):

Ion 129.00 (128.70 to 129.70):

