

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110718\
 Data File : VD060303.D
 Acq On : 7 Nov 2018 16:14
 Operator : JC/SY
 Sample : J5762-01
 Misc : 4.81g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 08:16:15 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	6.40	168	16772	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.45	114	26865	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	23347	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	10473	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	8881	73.95	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	147.90%	
35) Dibromofluoromethane	6.32	113	8182	40.84	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	81.68%	
50) Toluene-d8	9.46	98	19946	34.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	68.04%	
62) 4-Bromofluorobenzene	12.43	95	7521	35.40	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	70.80%	

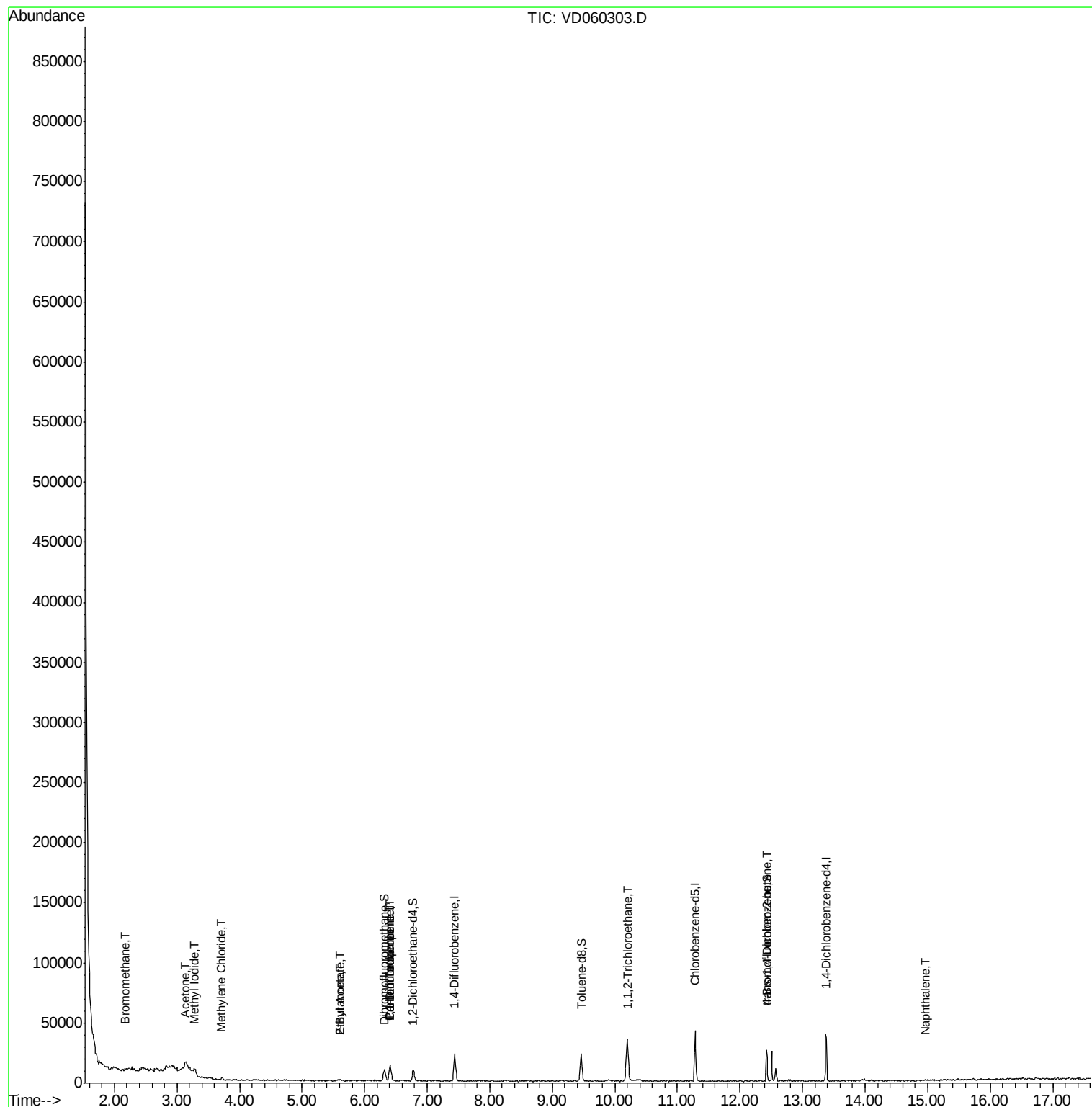
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.16	94	215	6.98	ug/l #	2
10) Methyl Iodide	3.27	142	690	5.28	ug/l #	35
16) Acetone	3.15	43	12341	592.44	ug/l	91
20) Methylene Chloride	3.72	84	1196	6.47	ug/l #	63
25) 2-Butanone	5.61	43	1435	33.14	ug/l #	60
36) 1,1-Dichloropropene	6.41	75	928	3.50	ug/l #	41
37) Ethyl Acetate	5.61	43	1435	11.75	ug/l #	69
38) Carbon Tetrachloride	6.40	117	601	2.44	ug/l #	12
55) 1,1,2-Trichloroethane	10.22	97	190	1.51	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.43	75	3661	102.64	ug/l #	15
95) Naphthalene	14.97	128	566	1.97	ug/l #	70

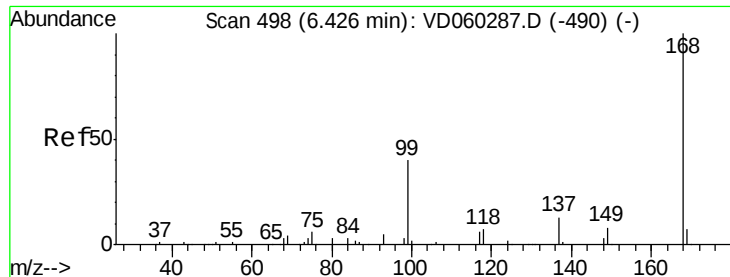
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110718\
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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: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060303.D

Acq: 7 Nov 2018 16:14

Instrument :

MSVOA_D

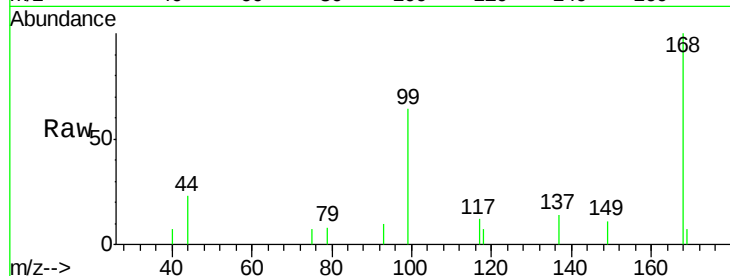
ClientSampleId :

Tot Ion:168 Resp: 16772

Ion Ratio Lower Upper

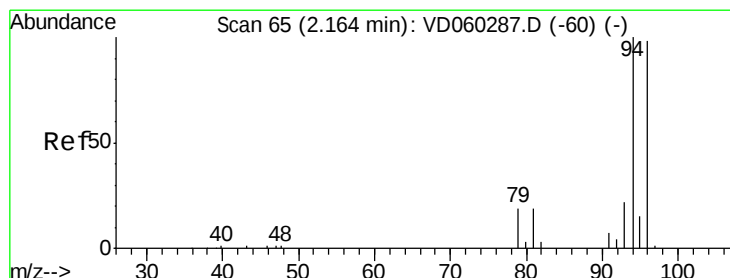
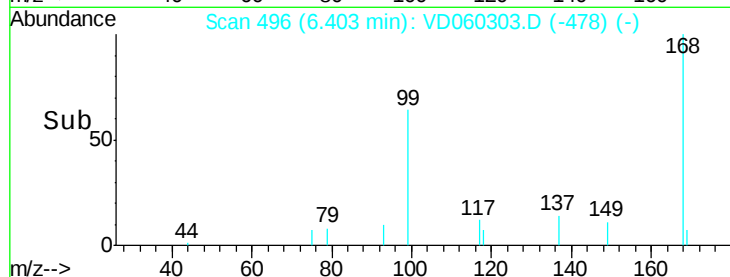
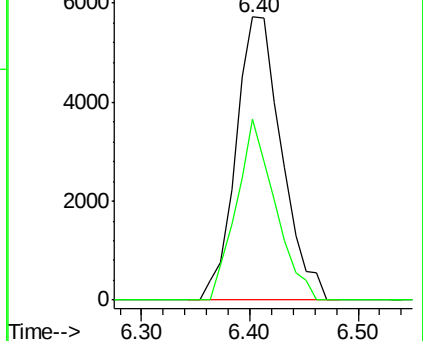
168 100

99 64.0 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: 6.98 ug/l

RT: 2.16 min Scan# 65

Delta R.T. -0.00 min

Lab File: VD060303.D

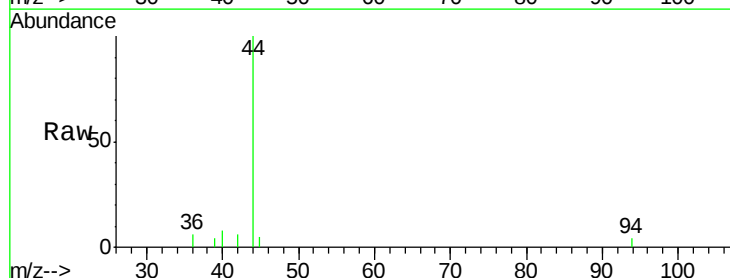
Acq: 7 Nov 2018 16:14

Tgt Ion: 94 Resp: 215

Ion Ratio Lower Upper

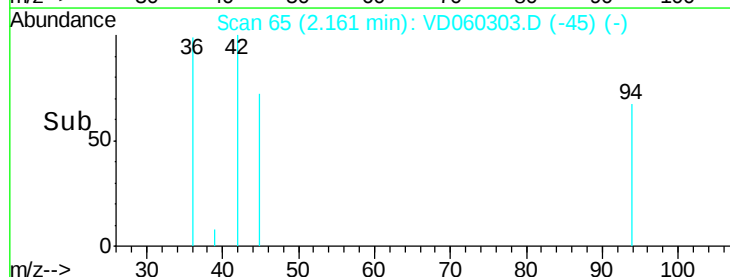
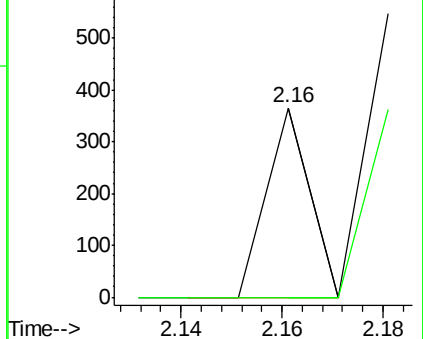
94 100

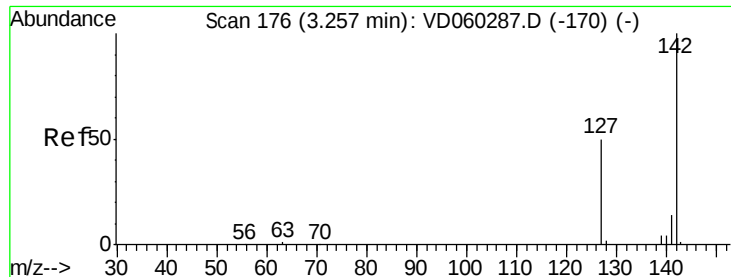
96 0.0 76.6 114.8#



Abundance Ion 93.90 (93.60 to 94.60): VD

Ion 95.90 (95.60 to 96.60): VD

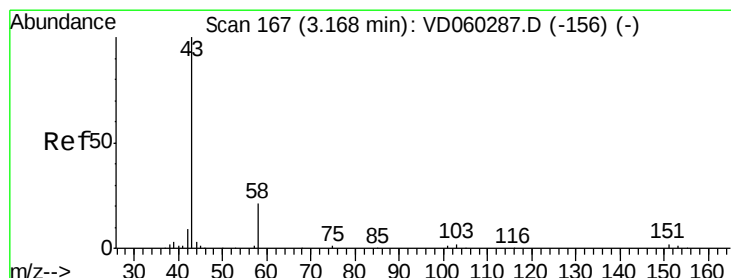
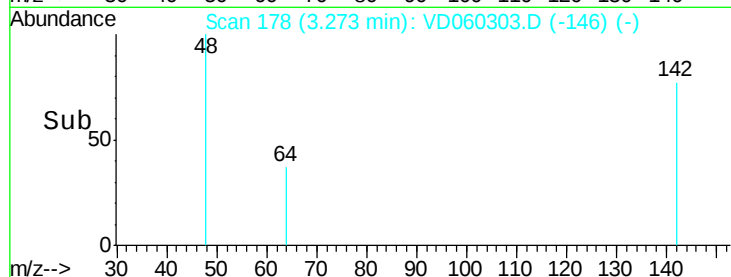
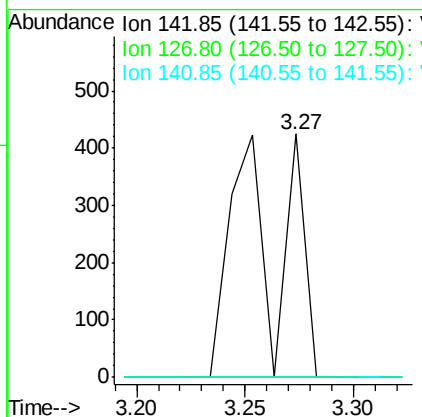
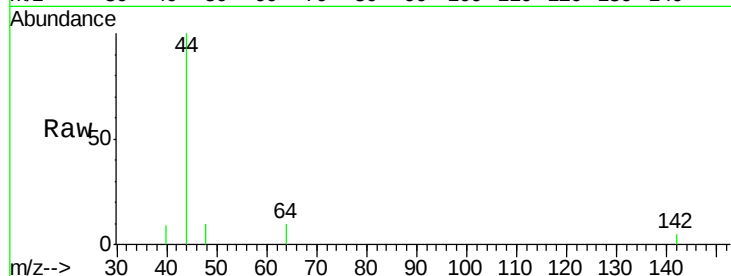




#10
Methvl Iodide
Concen: 5.28 ug/l
RT: 3.27 min Scan# 178
Delta R.T. 0.02 min
Lab File: VD060303.D
Acq: 7 Nov 2018 16:14

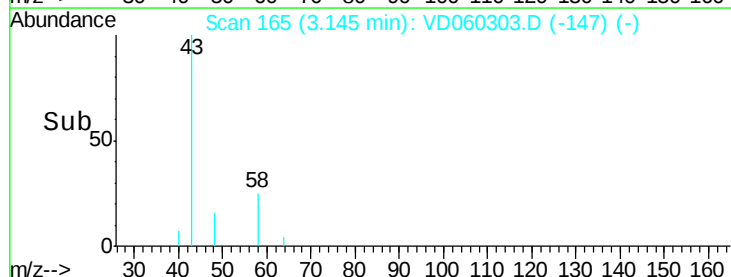
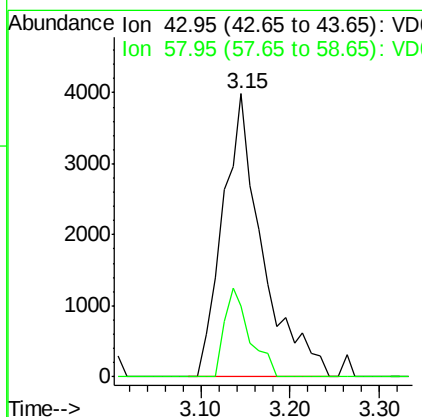
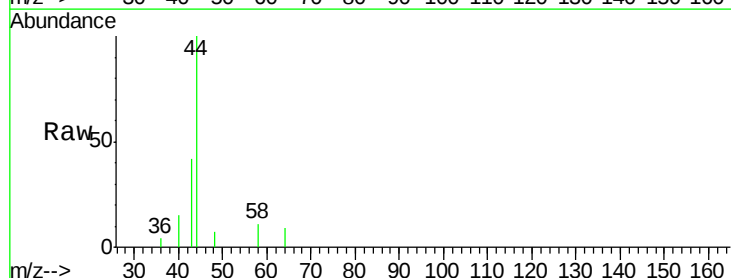
Instrument :
MSVOA_D
ClientSampled :

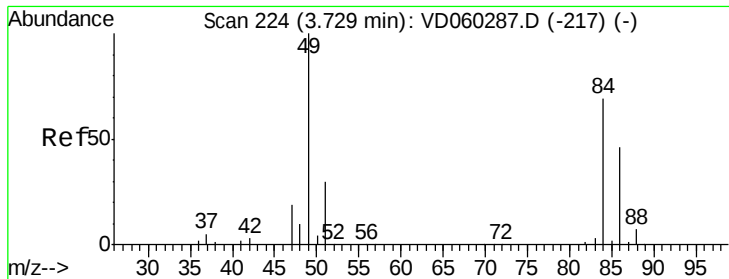
Tot Ion:142 Resp: 690
Ion Ratio Lower Upper
142 100
127 0.0 41.0 61.6#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 592.44 ug/l
RT: 3.15 min Scan# 165
Delta R.T. -0.02 min
Lab File: VD060303.D
Acq: 7 Nov 2018 16:14

Tgt Ion: 43 Resp: 12341
Ion Ratio Lower Upper
43 100
58 25.2 16.9 25.3

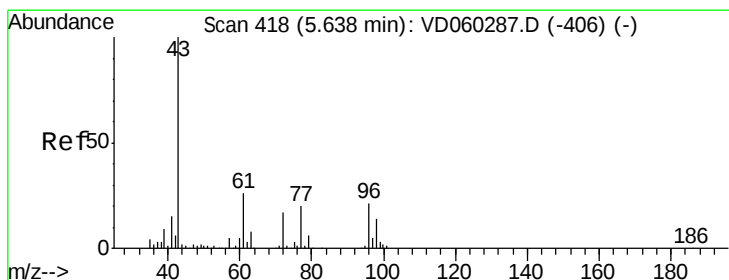
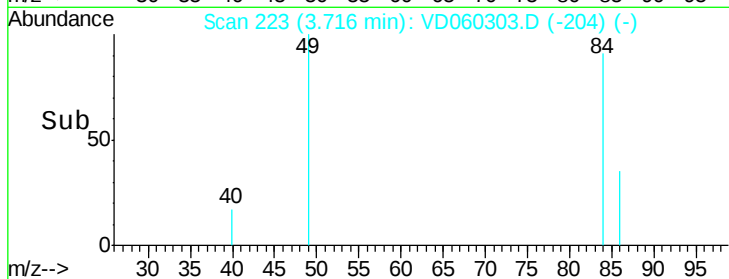
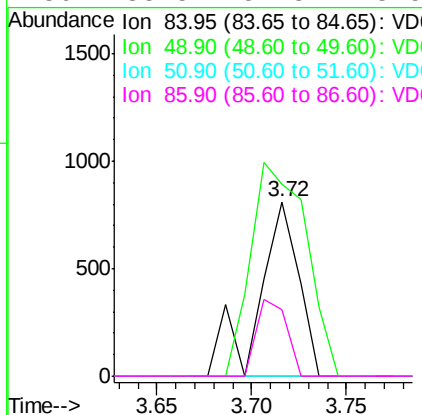
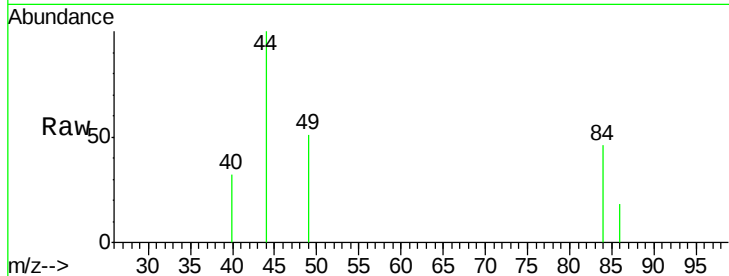




#20
Methvlene Chloride
Concen: 6.47 ug/l
RT: 3.72 min Scan# 223
Delta R.T. -0.01 min
Lab File: VD060303.D
Acq: 7 Nov 2018 16:14

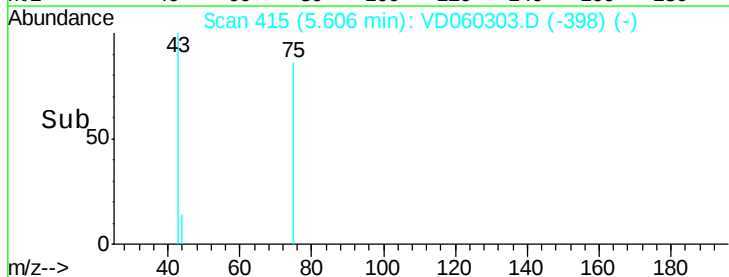
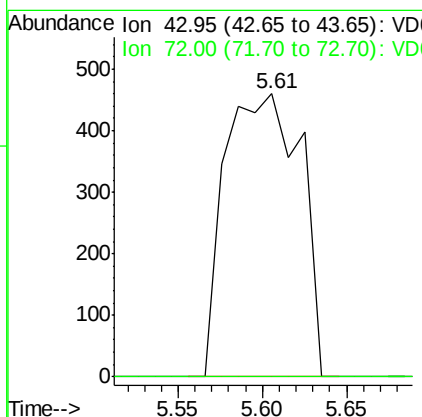
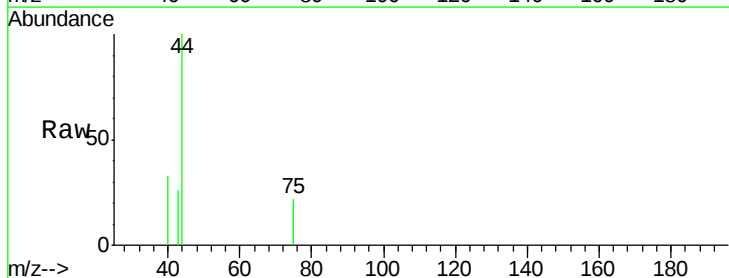
Instrument :
MSVOA_D
ClientSampled :

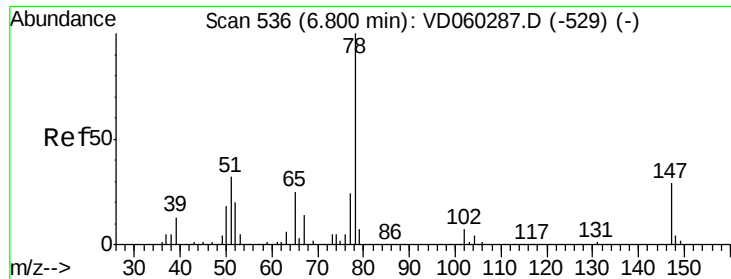
Tot Ion: 84 Resp: 1196
Ion Ratio Lower Upper
84 100
49 109.7 115.6 173.4#
51 0.0 35.6 53.4#
86 38.5 52.3 78.5#



#25
2-Butanone
Concen: 33.14 ug/l
RT: 5.61 min Scan# 415
Delta R.T. -0.03 min
Lab File: VD060303.D
Acq: 7 Nov 2018 16:14

Tgt Ion: 43 Resp: 1435
Ion Ratio Lower Upper
43 100
72 0.0 13.8 20.8#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. -0.02 min

Lab File: VD060303.D

Acq: 7 Nov 2018 16:14

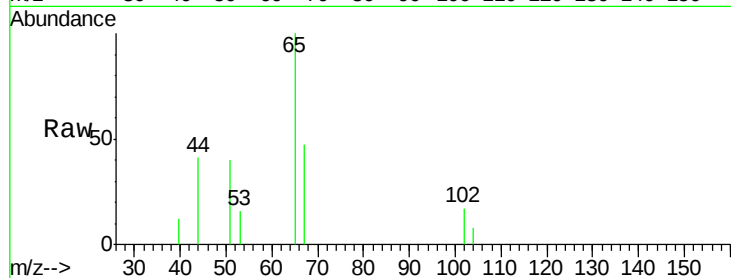
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 65 Resp: 8881

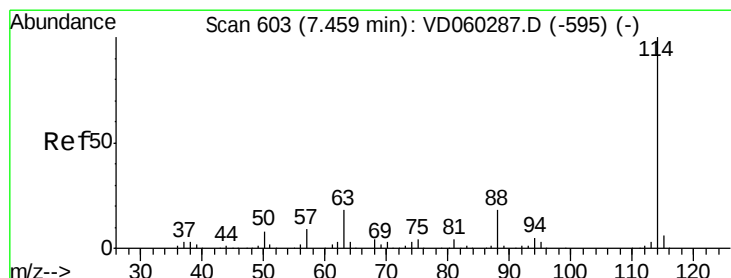
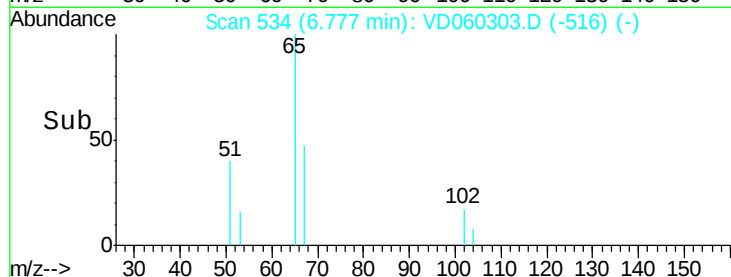
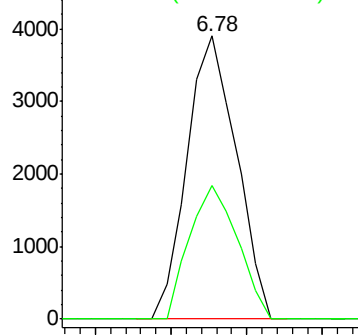
Ion Ratio Lower Upper

65 100

67 47.2 0.0 109.8



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



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.45 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD060303.D

Acq: 7 Nov 2018 16:14

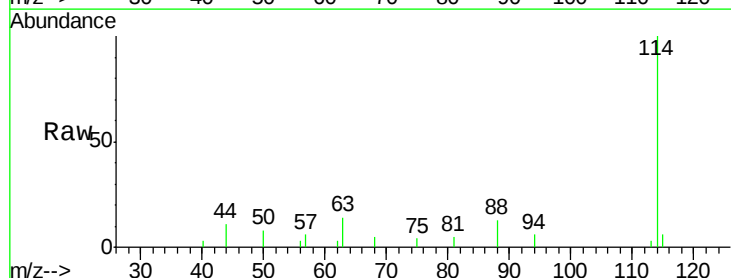
Tgt Ion:114 Resp: 26865

Ion Ratio Lower Upper

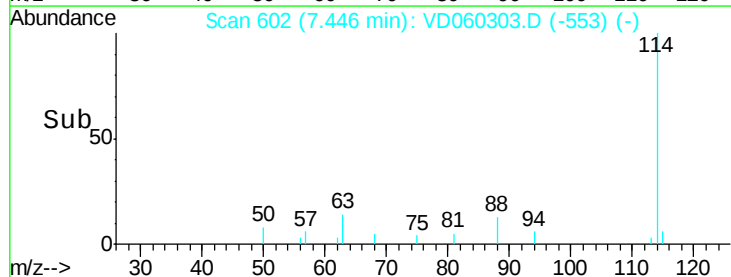
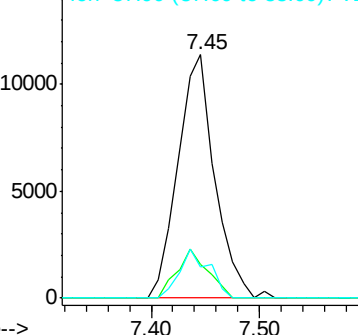
114 100

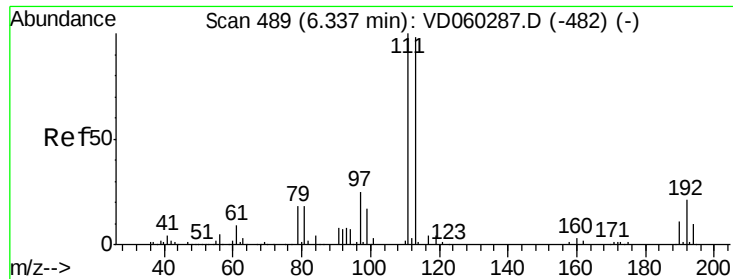
63 14.0 0.0 34.0

88 12.9 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

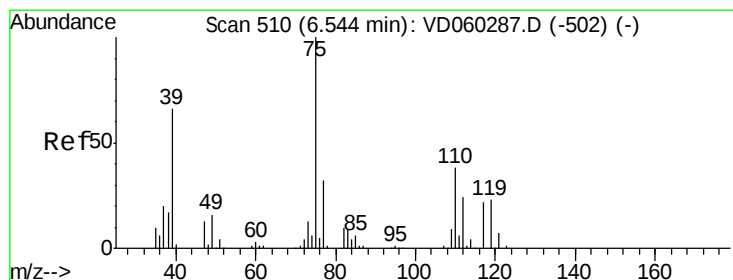
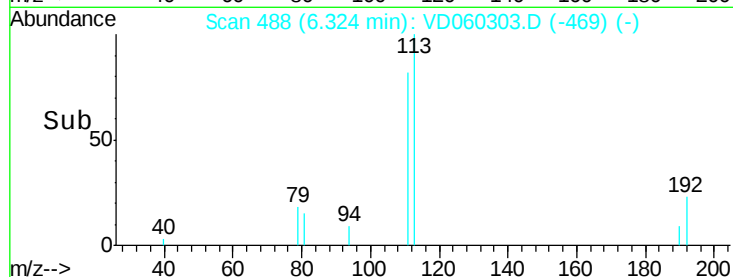
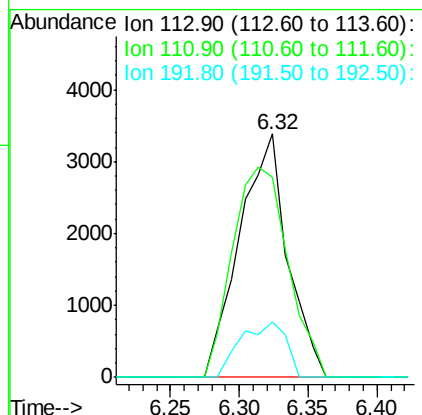
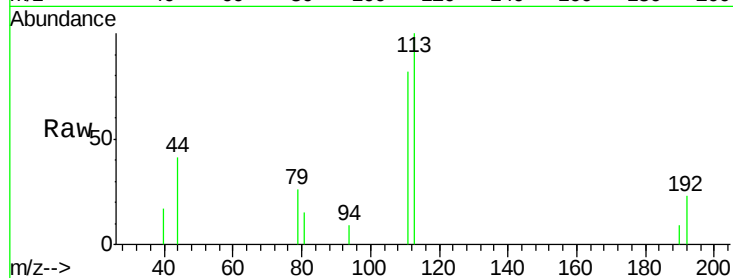




#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.32 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060303.D
Acq: 7 Nov 2018 16:14

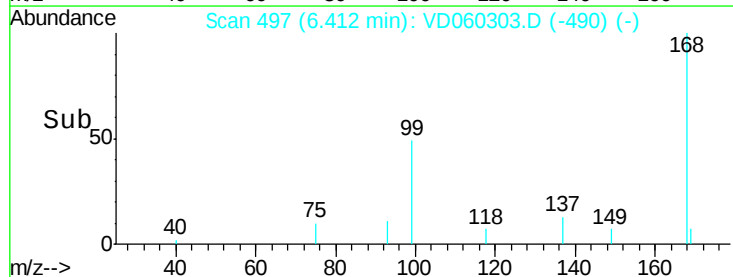
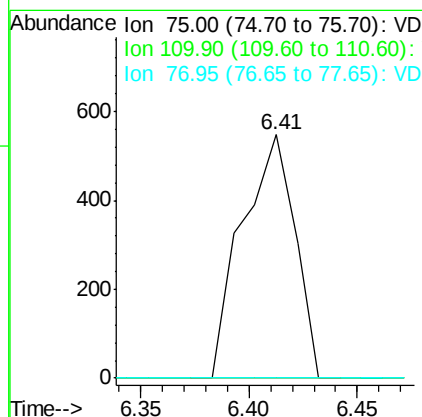
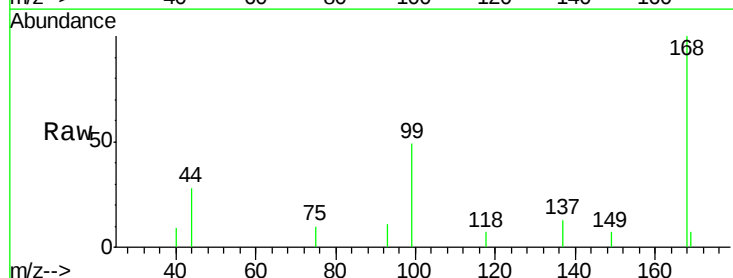
Instrument :
MSVOA_D
ClientSampled :

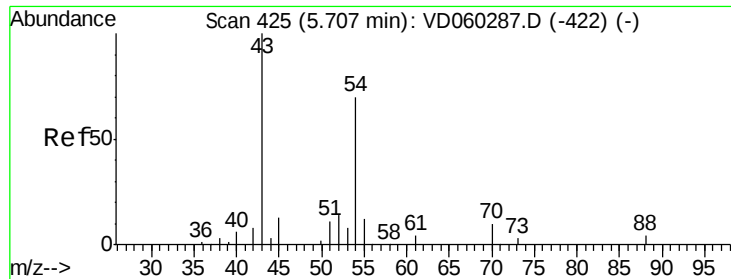
Tot Ion:113 Resp: 8182
Ion Ratio Lower Upper
113 100
111 82.0 81.6 122.4
192 22.8 16.5 24.7



#36
1,1-Dichloropropene
Concen: 3.50 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.13 min
Lab File: VD060303.D
Acq: 7 Nov 2018 16:14

Tgt Ion: 75 Resp: 928
Ion Ratio Lower Upper
75 100
110 0.0 18.0 54.0#
77 0.0 25.6 38.4#





#37

Ethyl Acetate

Concen: 11.75 ug/l

RT: 5.61 min Scan# 415

Delta R.T. -0.10 min

Lab File: VD060303.D

Acq: 7 Nov 2018 16:14

Instrument :

MSVOA_D

ClientSampleId :

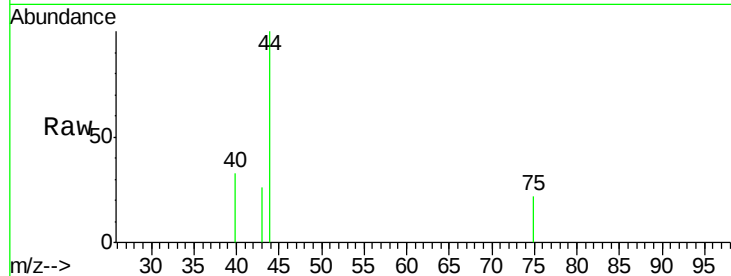
Tot Ion: 43 Resp: 1435

Ion Ratio Lower Upper

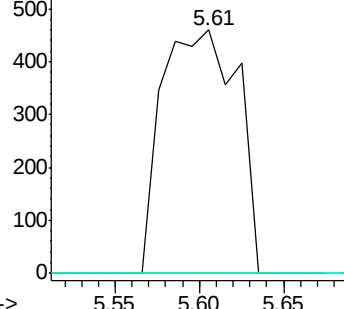
43 100

61 0.0 11.8 17.6#

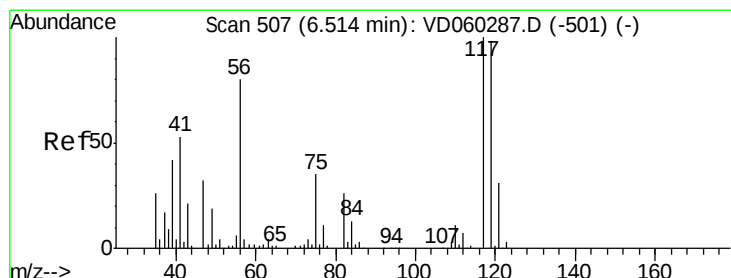
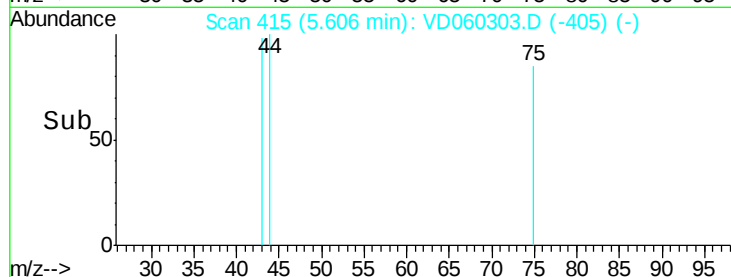
70 0.0 6.2 9.4#



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



Time-->



#38

Carbon Tetrachloride

Concen: 2.44 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.11 min

Lab File: VD060303.D

Acq: 7 Nov 2018 16:14

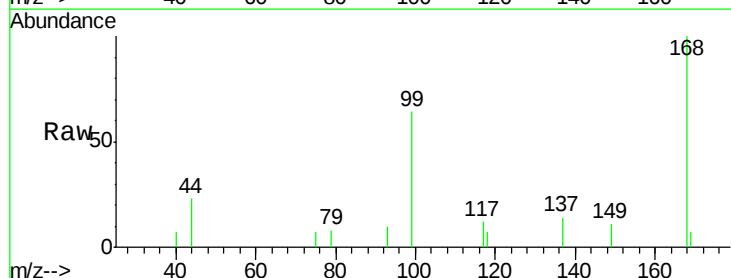
Tgt Ion: 117 Resp: 601

Ion Ratio Lower Upper

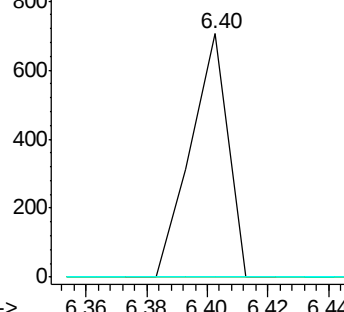
117 100

119 0.0 76.6 115.0#

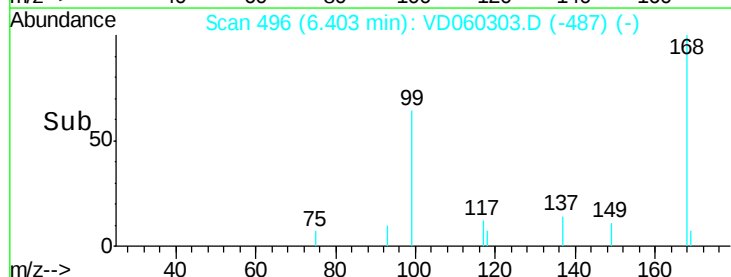
121 0.0 24.3 36.5#

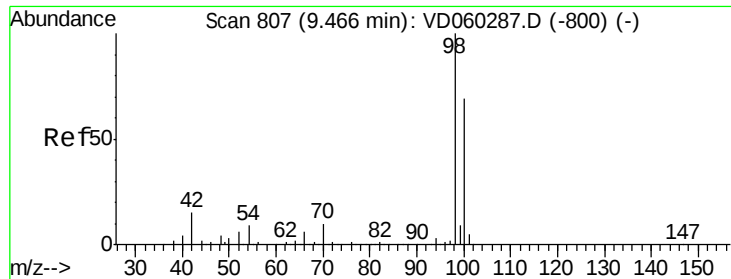


Abundance Ion 116.85 (116.55 to 117.55):
Ion 118.85 (118.55 to 119.55):
Ion 120.85 (120.55 to 121.55):



Time-->





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.46 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD060303.D

Acq: 7 Nov 2018 16:14

Instrument :

MSVOA_D

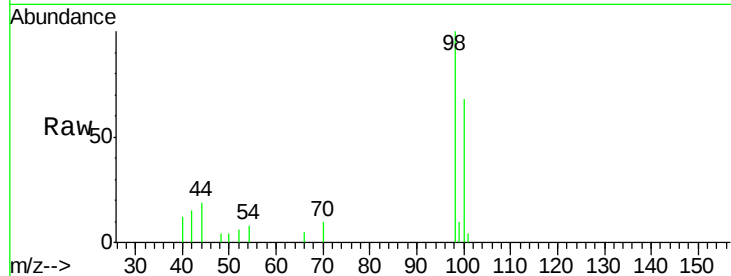
ClientSampled :

Tot Ion: 98 Resp: 19946

Ion Ratio Lower Upper

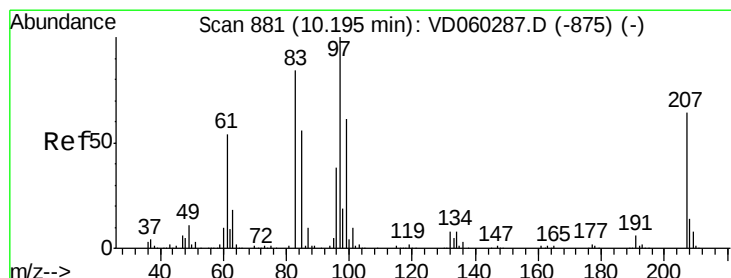
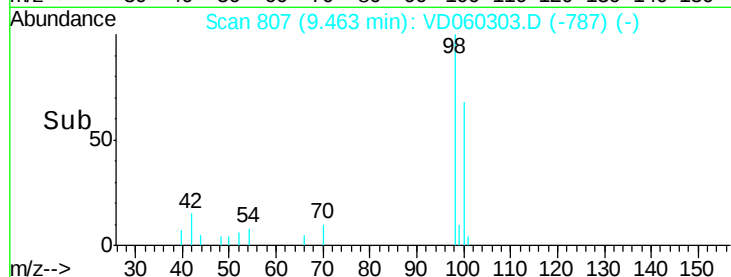
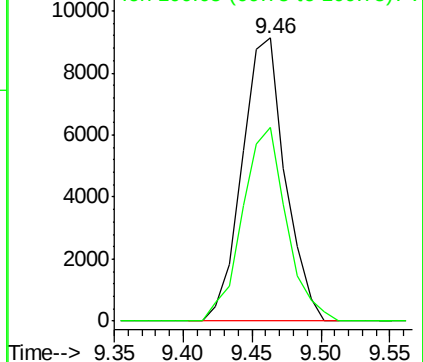
98 100

100 68.4 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VD

Ion 100.05 (99.75 to 100.75): V



#55

1,1,2-Trichloroethane

Concen: 1.51 ug/l

RT: 10.22 min Scan# 884

Delta R.T. 0.03 min

Lab File: VD060303.D

Acq: 7 Nov 2018 16:14

Tgt Ion: 97 Resp: 190

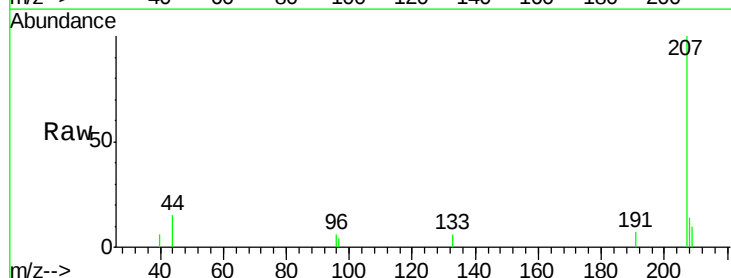
Ion Ratio Lower Upper

97 100

83 0.0 68.4 102.6#

85 0.0 46.8 70.2#

99 0.0 49.5 74.3#

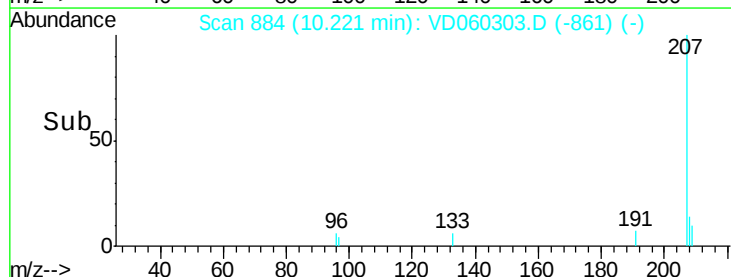
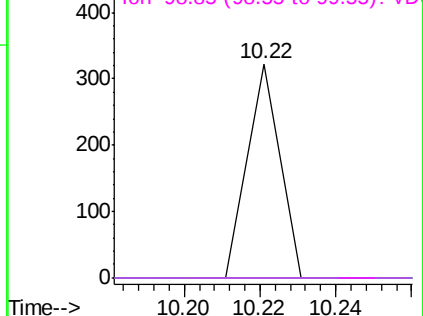


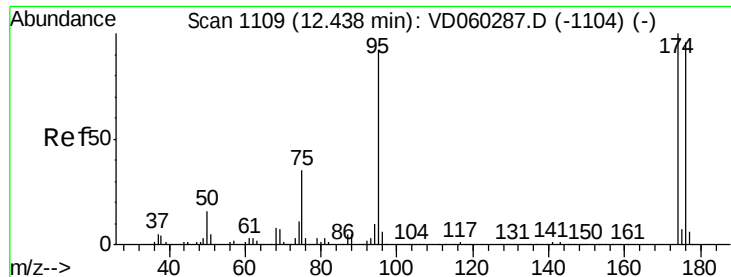
Abundance Ion 96.85 (96.55 to 97.55): VD

Ion 82.95 (82.65 to 83.65): VD

Ion 84.95 (84.65 to 85.65): VD

Ion 98.85 (98.55 to 99.55): VD

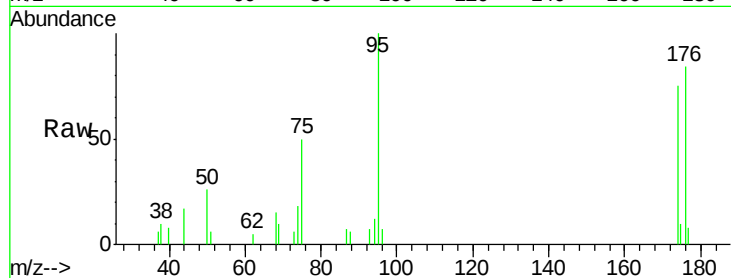




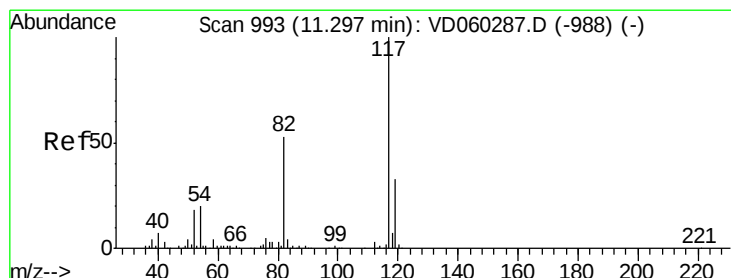
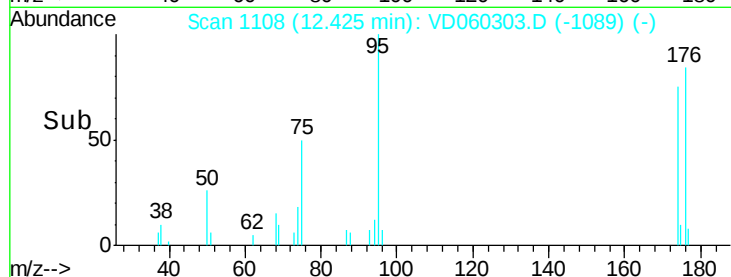
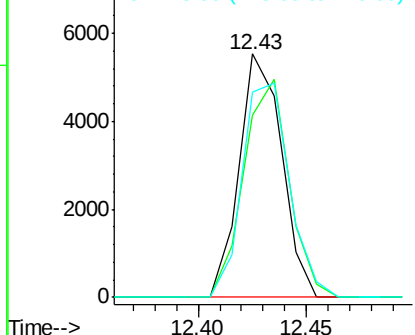
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060303.D
Acq: 7 Nov 2018 16:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 7521
Ion Ratio Lower Upper
95 100
174 74.9 0.0 160.8
176 84.2 0.0 154.6

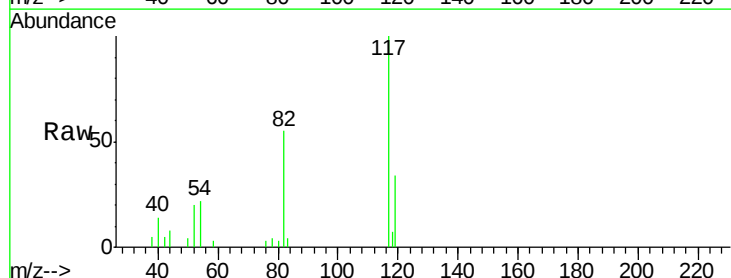


Abundance Ion 95.00 (94.70 to 95.70): VD
Ion 173.90 (173.60 to 174.60):
Ion 175.90 (175.60 to 176.60):

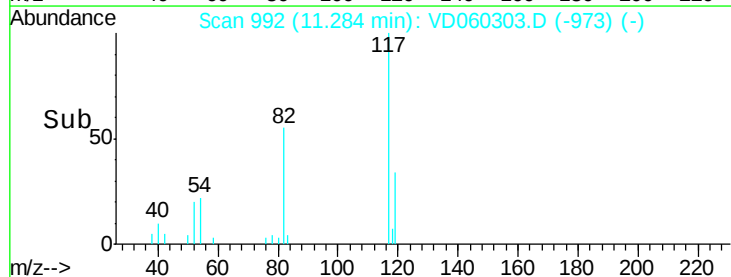
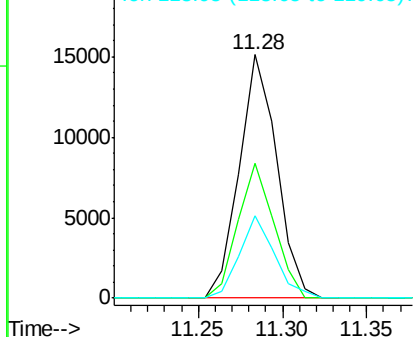


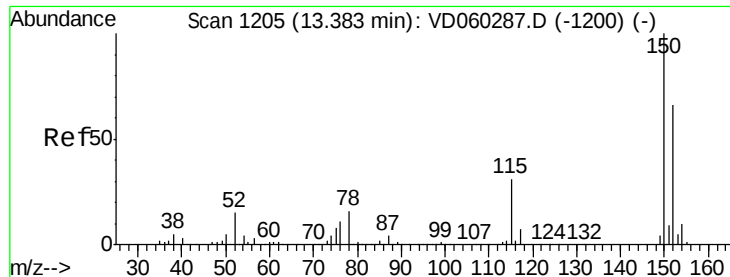
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060303.D
Acq: 7 Nov 2018 16:14

Tgt Ion: 117 Resp: 23347
Ion Ratio Lower Upper
117 100
82 55.2 43.7 65.5
119 33.8 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: 13.38 min Scan# 1205

Delta R.T. -0.00 min

Lab File: VD060303.D

Acq: 7 Nov 2018 16:14

Instrument :

MSVOA_D

ClientSampleId :

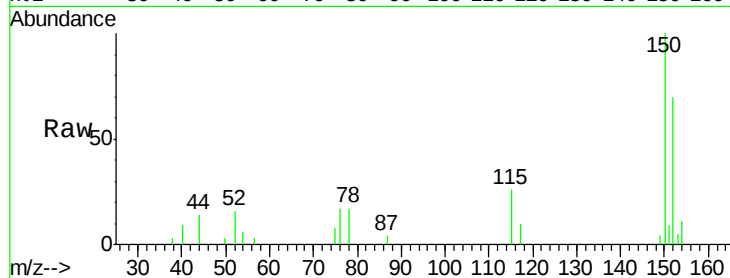
Tot Ion:152 Resp: 10473

Ion Ratio Lower Upper

152 100

115 37.7 24.1 72.3

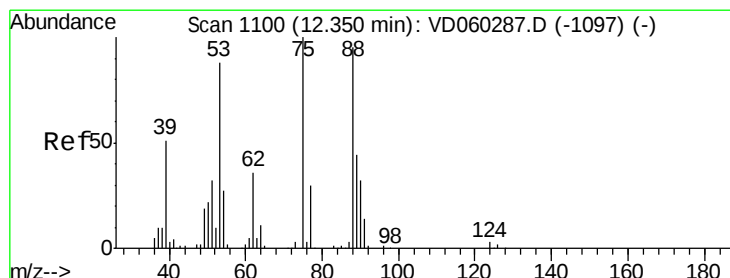
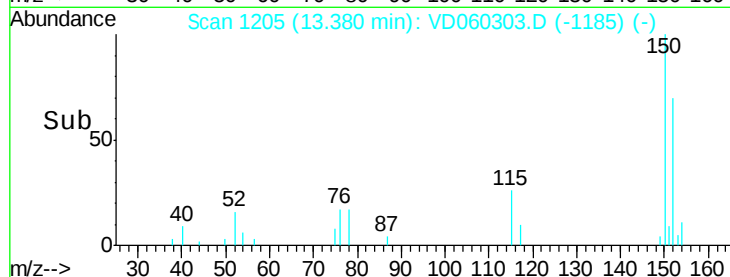
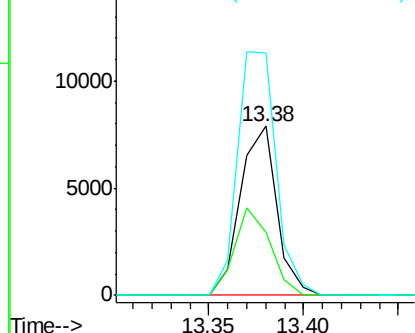
150 143.5 0.0 310.6



Abundance Ion 151.90 (151.60 to 152.60):

Ion 115.00 (114.70 to 115.70):

Ion 149.90 (149.60 to 150.60):



#81

trans-1,4-Dichloro-2-butene

Concen: 102.64 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060303.D

Acq: 7 Nov 2018 16:14

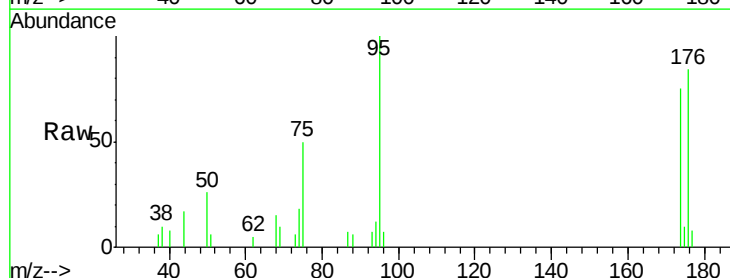
Tgt Ion: 75 Resp: 3661

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

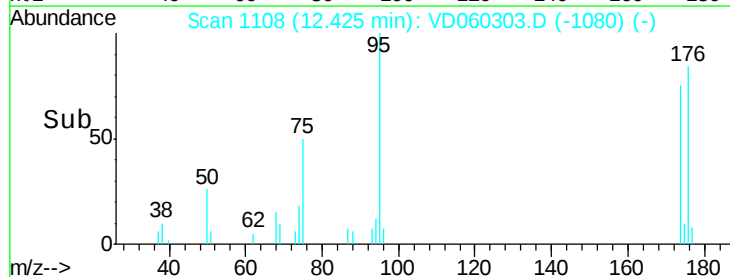
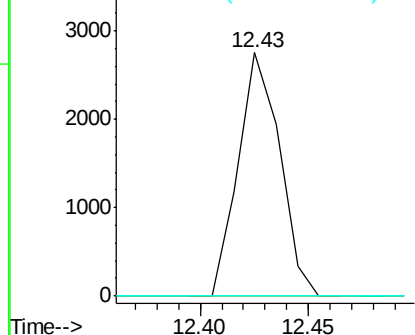
89 0.0 34.1 51.1#

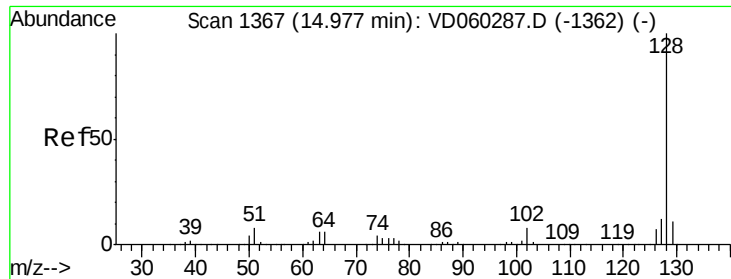


Abundance Ion 75.00 (74.70 to 75.70): VD

Ion 53.00 (52.70 to 53.70): VD

Ion 89.00 (88.70 to 89.70): VD





#95

Naphthalene

Concen: 1.97 ug/l

RT: 14.97 min Scan# 1367

Delta R.T. -0.00 min

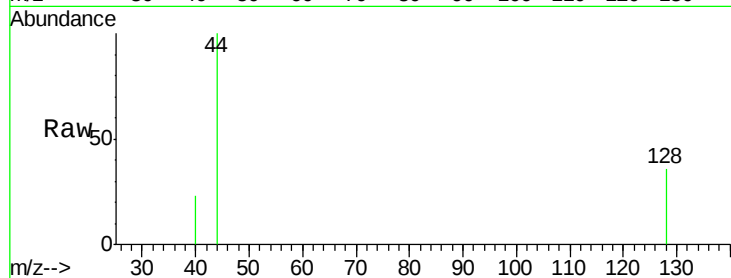
Lab File: VD060303.D

Acq: 7 Nov 2018 16:14

Instrument :

MSVOA_D

ClientSampleId :



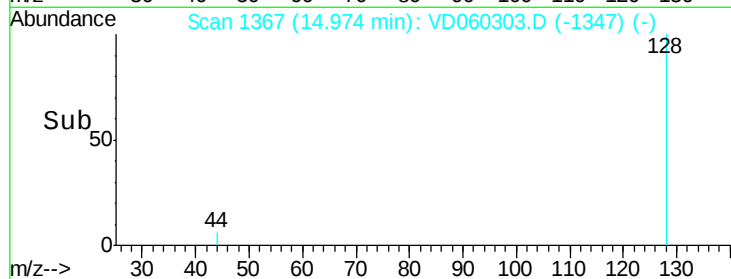
Tot Ion:128 Resp: 566

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):

