

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121818\
 Data File : VD060625.D
 Acq On : 18 Dec 2018 17:06
 Operator : VA/AP
 Sample : J6424-03RE
 Misc : 3.33g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB09_1.5-2.5RE

Quant Time: Dec 19 02:49:11 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	6.41	168	15470	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.44	114	25224	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	25943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	14944	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	11118	101.39	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	202.78%	
35) Dibromofluoromethane	6.32	113	9606	51.85	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	103.70%	
50) Toluene-d8	9.45	98	19549	36.46	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	72.92%	
62) 4-Bromofluorobenzene	12.42	95	8159	42.53	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	85.06%	

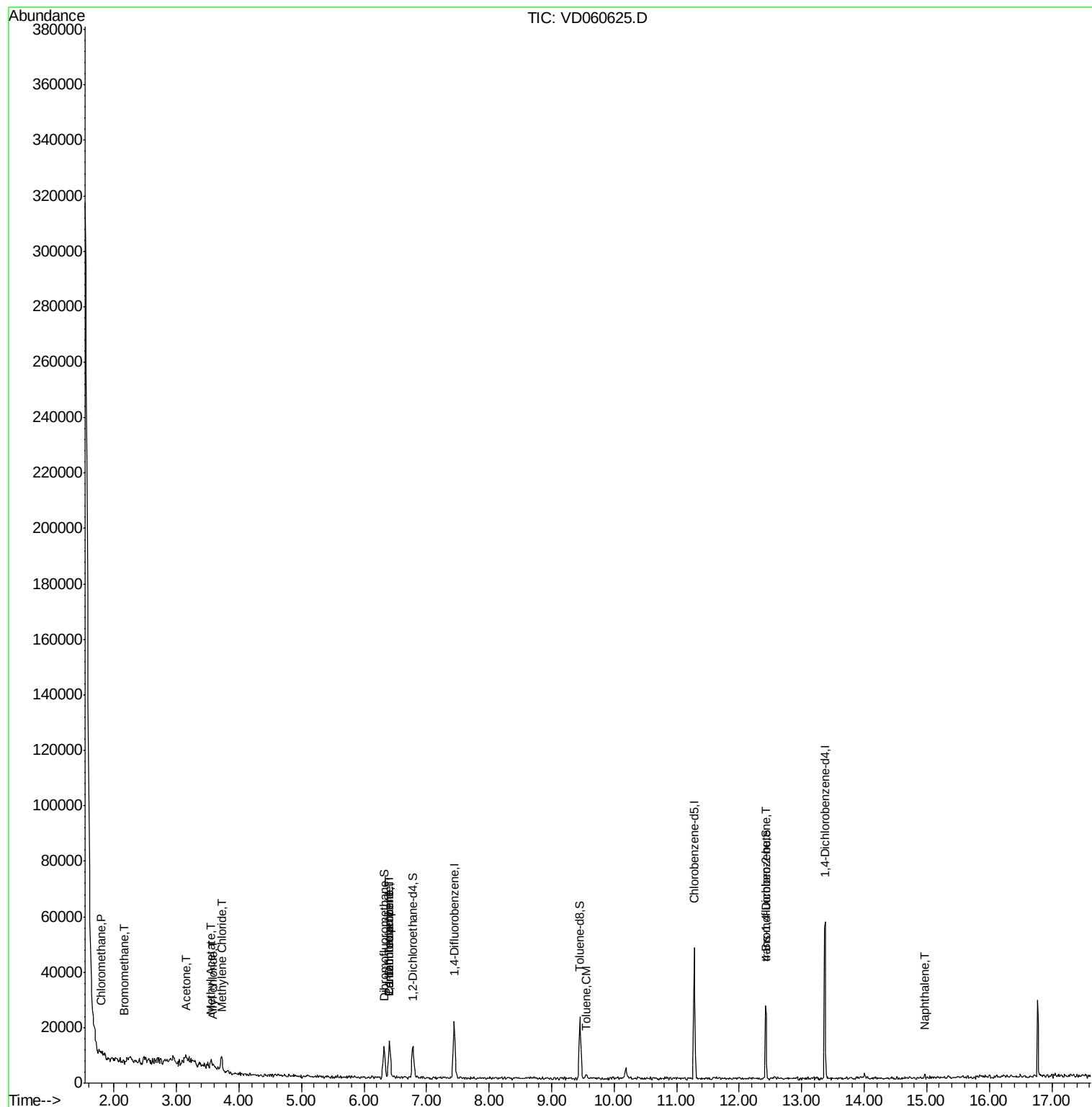
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.78	50	1376	8.657	ug/l #	43
5) Bromomethane	2.15	94	187	5.892	ug/l #	4
14) Allyl chloride	3.58	41	404	2.754	ug/l #	22
16) Acetone	3.15	43	5048	287.208	ug/l #	54
18) Methyl Acetate	3.55	43	1234	29.541	ug/l #	64
20) Methylene Chloride	3.73	84	3376	18.062	ug/l #	56
36) 1,1-Dichloropropene	6.40	75	660	2.677	ug/l #	41
38) Carbon Tetrachloride	6.41	117	991	4.477	ug/l #	12
52) Toluene	9.55	92	787	1.998	ug/l #	68
81) trans-1,4-Dichloro-2-buten	12.42	75	3450	73.054	ug/l #	14
95) Naphthalene	14.97	128	788	2.060	ug/l #	70

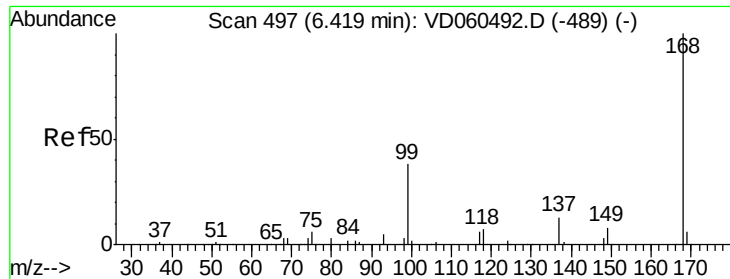
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121818\
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MSVOA_D
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EB09_1.5-2.5RE

Quant Time: Dec 19 02:49:11 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: 6.41 min Scan# 496

Delta R.T. -0.01 min

Lab File: VD060625.D

Acq: 18 Dec 2018 17:06

Instrument :

MSVOA_D

ClientSampleId :

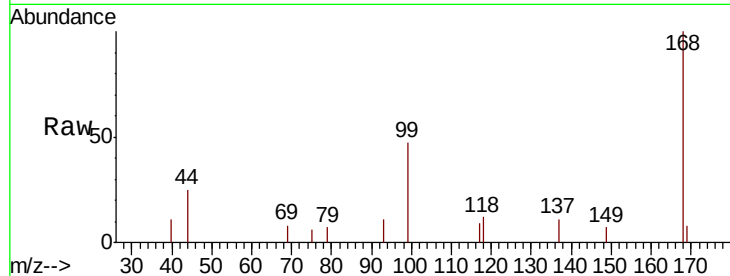
EB09_1.5-2.5RE

Tot Ion:168 Resp: 15470

Ion Ratio Lower Upper

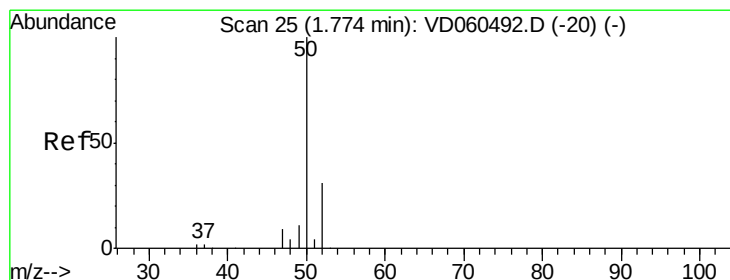
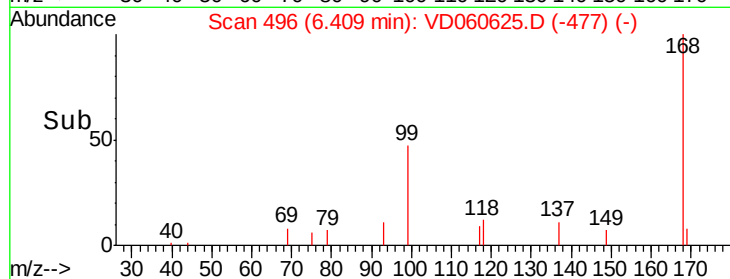
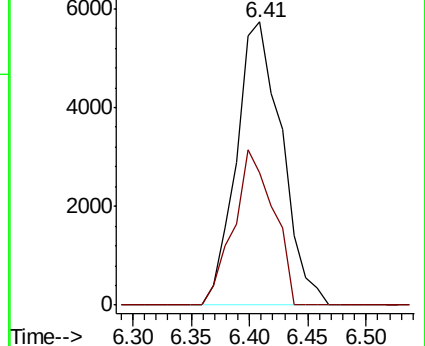
168 100

99 46.9 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 8.657 ug/l

RT: 1.78 min Scan# 26

Delta R.T. 0.01 min

Lab File: VD060625.D

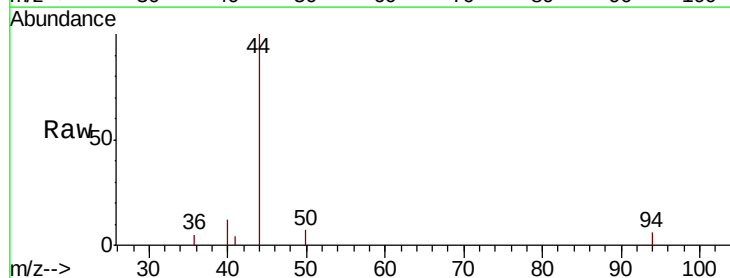
Acq: 18 Dec 2018 17:06

Tgt Ion: 50 Resp: 1376

Ion Ratio Lower Upper

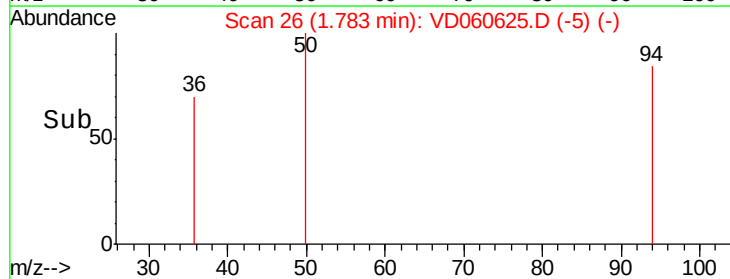
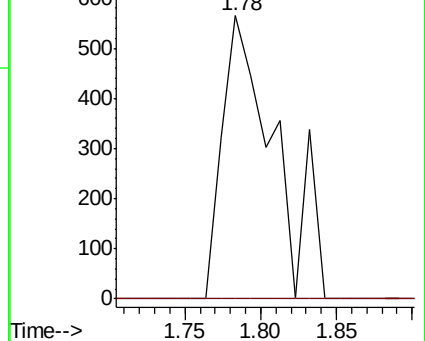
50 100

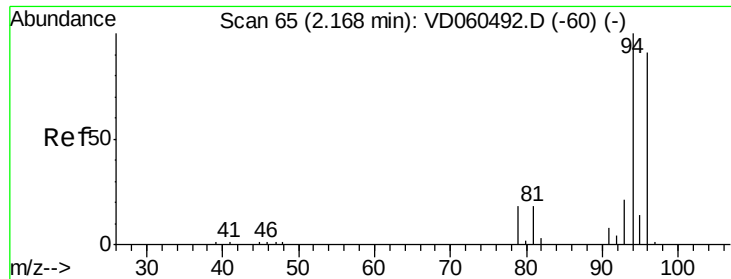
52 0.0 25.0 37.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 5.892 ug/l

RT: 2.15 min Scan# 63

Delta R.T. -0.02 min

Lab File: VD060625.D

Acq: 18 Dec 2018 17:06

Instrument :

MSVOA_D

ClientSampleId :

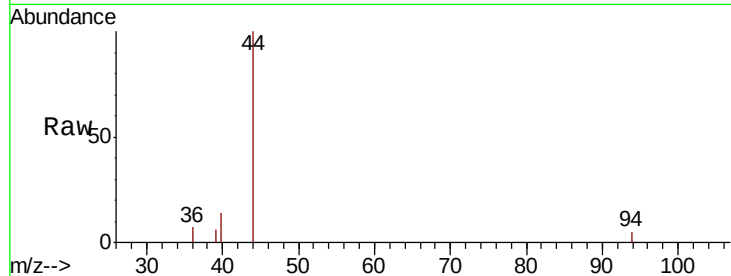
EB09_1.5-2.5RE

Tot Ion: 94 Resp: 187

Ion Ratio Lower Upper

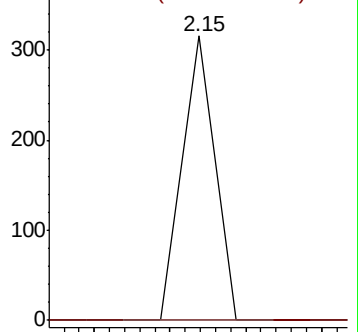
94 100

96 0.0 72.6 108.8#

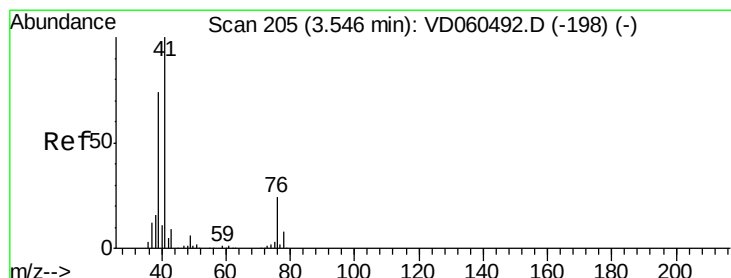
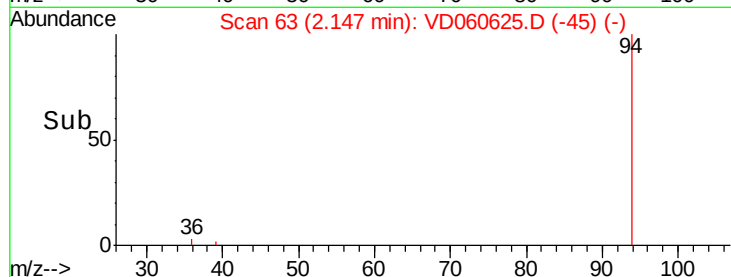


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#14

Allyl chloride

Concen: 2.754 ug/l

RT: 3.58 min Scan# 209

Delta R.T. 0.04 min

Lab File: VD060625.D

Acq: 18 Dec 2018 17:06

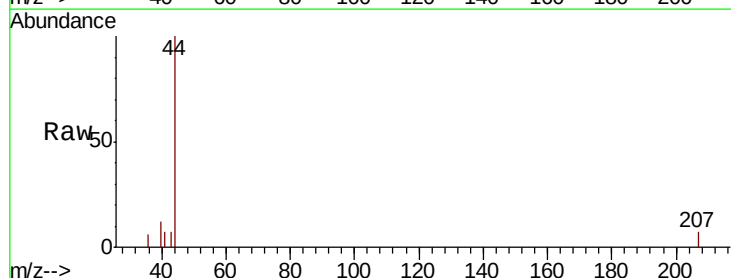
Tgt Ion: 41 Resp: 404

Ion Ratio Lower Upper

41 100

39 0.0 59.3 88.9#

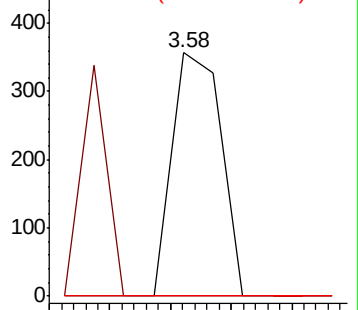
76 0.0 21.0 31.6#



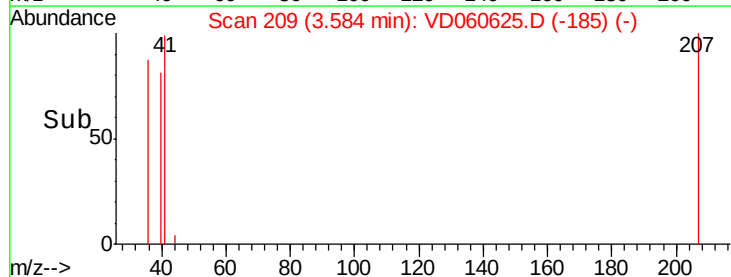
Abundance Ion 41.05 (40.75 to 41.75): VDC

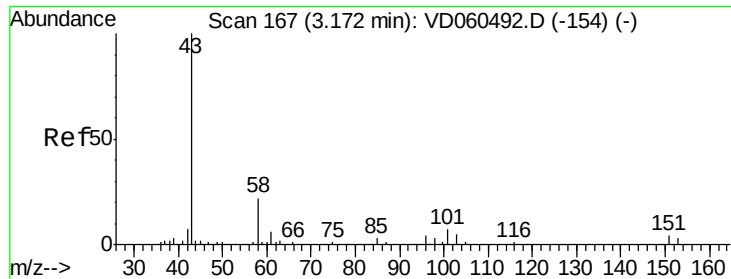
Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC



Time-->





#16

Acetone

Concen: 287.208 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060625.D

Acq: 18 Dec 2018 17:06

Instrument :

MSVOA_D

ClientSampleId :

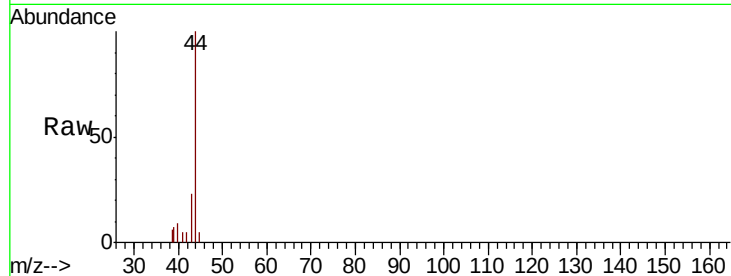
EB09_1.5-2.5RE

Tot Ion: 43 Resp: 5048

Ion Ratio Lower Upper

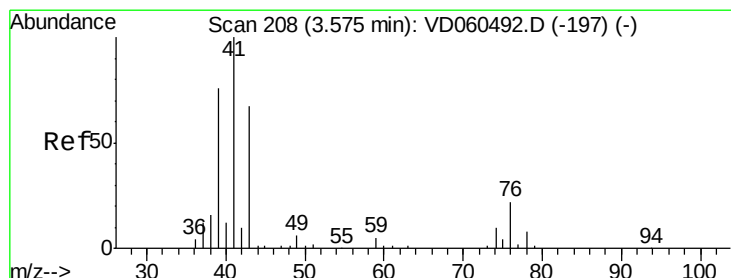
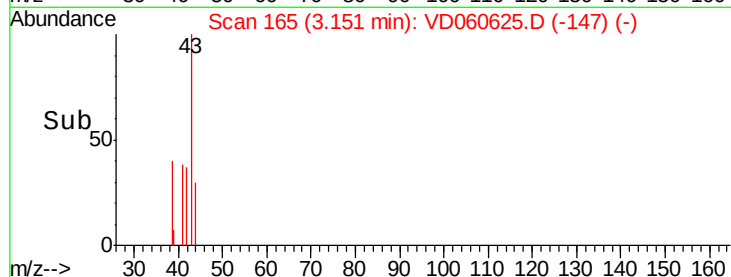
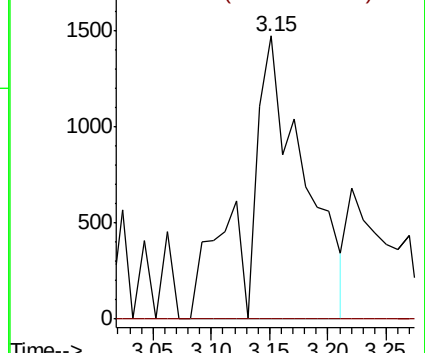
43 100

58 0.0 17.3 25.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 29.541 ug/l

RT: 3.55 min Scan# 206

Delta R.T. -0.02 min

Lab File: VD060625.D

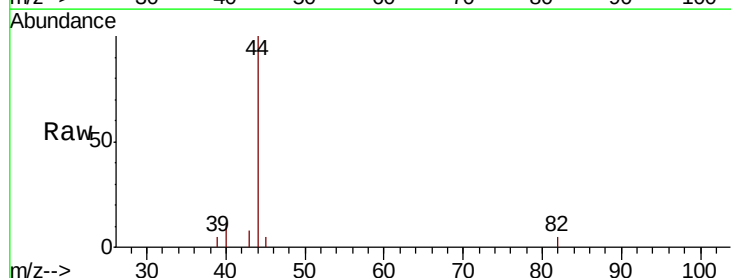
Acq: 18 Dec 2018 17:06

Tgt Ion: 43 Resp: 1234

Ion Ratio Lower Upper

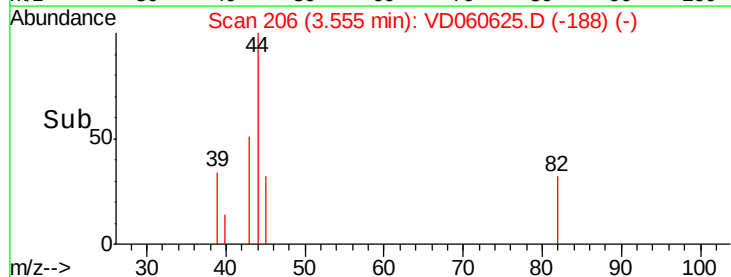
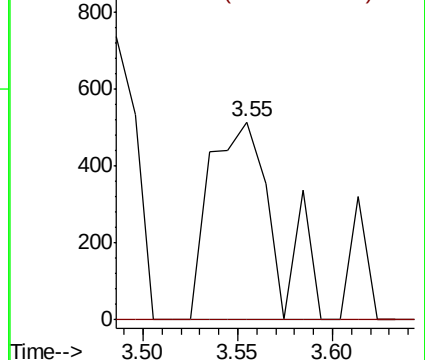
43 100

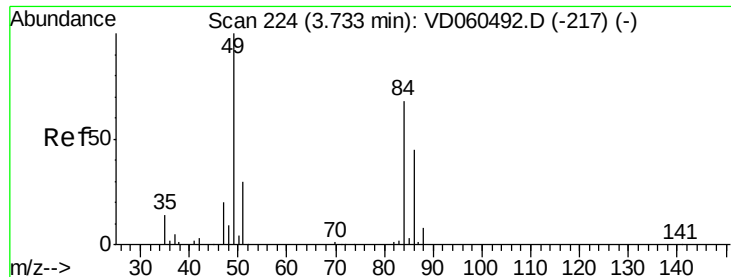
74 0.0 12.0 18.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

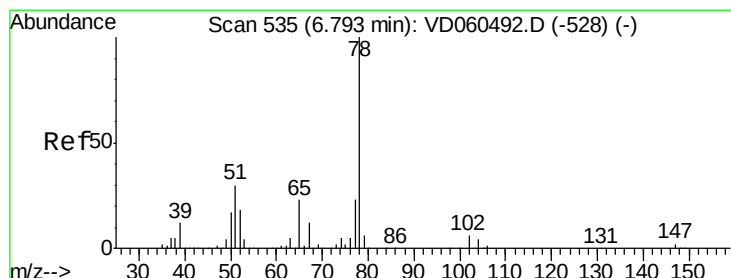
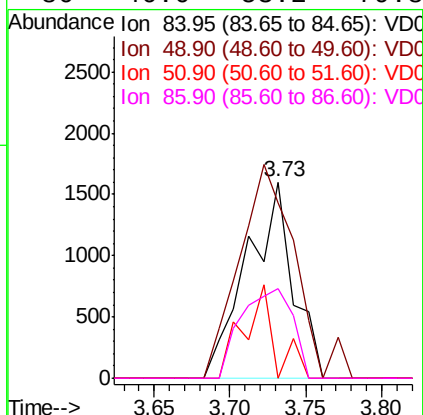
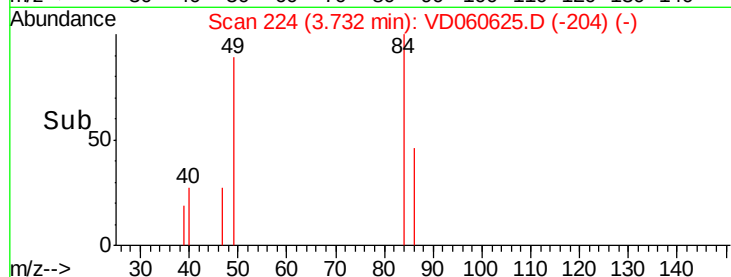
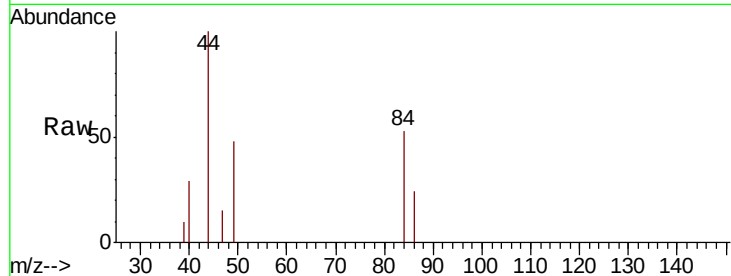




#20
Methylene Chloride
Concen: 18.062 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060625.D
Acq: 18 Dec 2018 17:06

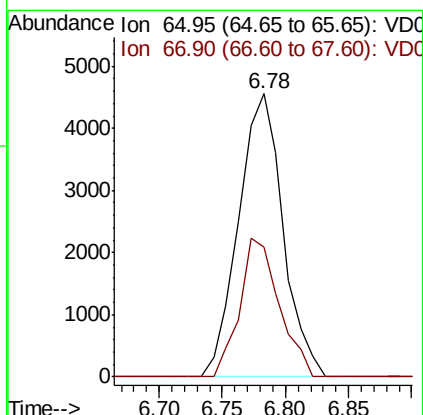
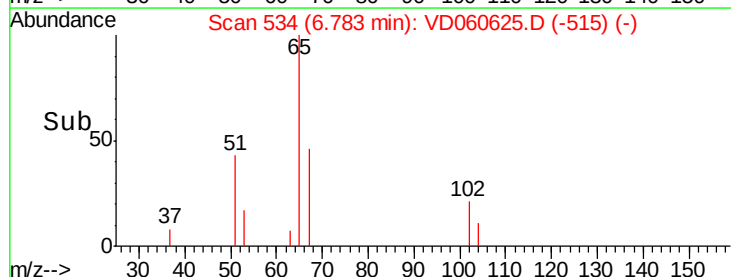
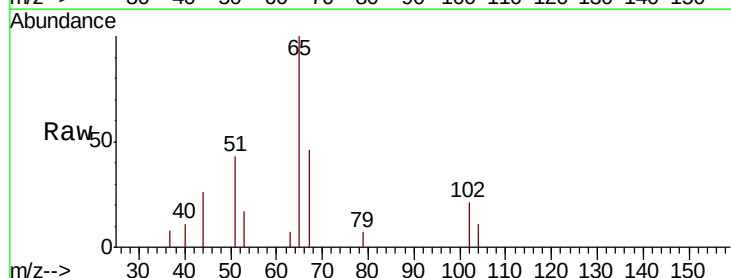
Instrument :
MSVOA_D
ClientSampleId :
EB09_1.5-2.5RE

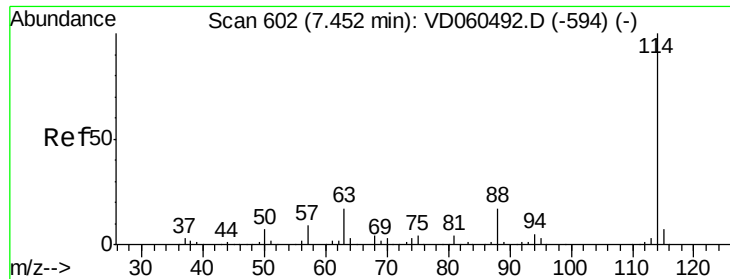
Tot Ion: 84 Resp: 3376
Ion Ratio Lower Upper
84 100
49 89.4 117.2 175.8#
51 0.0 35.3 52.9#
86 46.0 53.2 79.8#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. -0.01 min
Lab File: VD060625.D
Acq: 18 Dec 2018 17:06

Tgt Ion: 65 Resp: 11118
Ion Ratio Lower Upper
65 100
67 45.9 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 601

Delta R.T. -0.01 min

Lab File: VD060625.D

Acq: 18 Dec 2018 17:06

Instrument :

MSVOA_D

ClientSampleId :

EB09_1.5-2.5RE

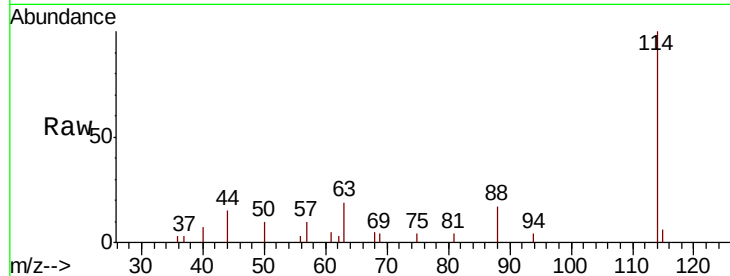
Tot Ion:114 Resp: 25224

Ion Ratio Lower Upper

114 100

63 19.5 0.0 34.2

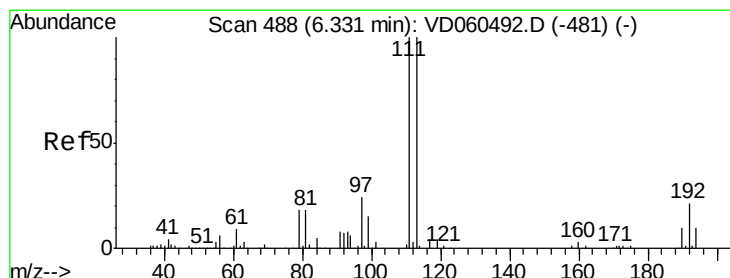
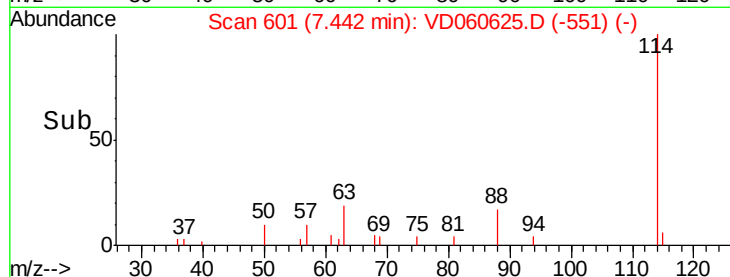
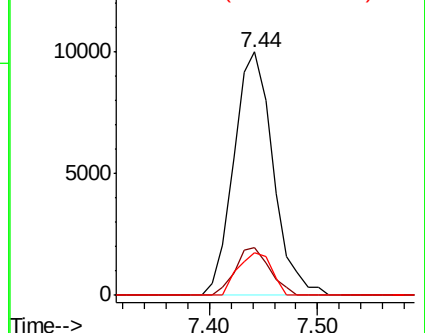
88 17.3 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.32 min Scan# 487

Delta R.T. -0.01 min

Lab File: VD060625.D

Acq: 18 Dec 2018 17:06

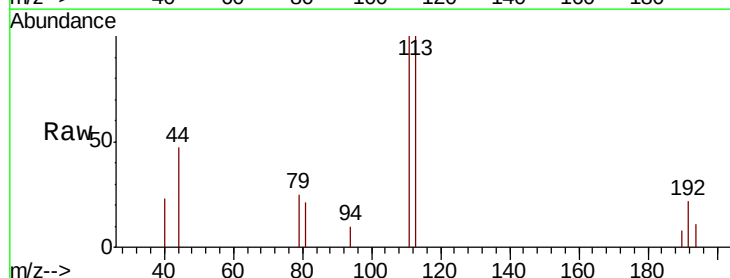
Tgt Ion:113 Resp: 9606

Ion Ratio Lower Upper

113 100

111 99.6 80.2 120.4

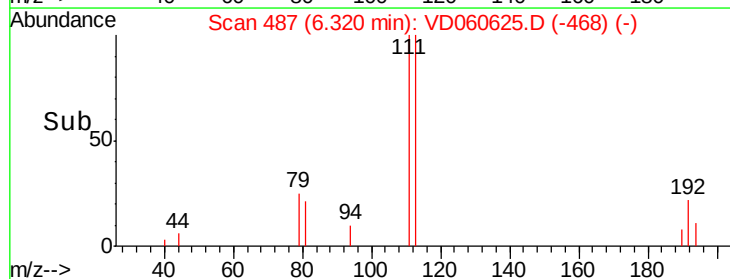
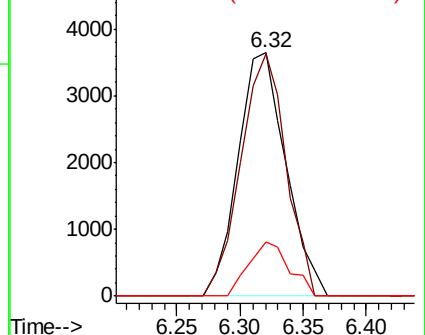
192 22.5 16.6 24.8

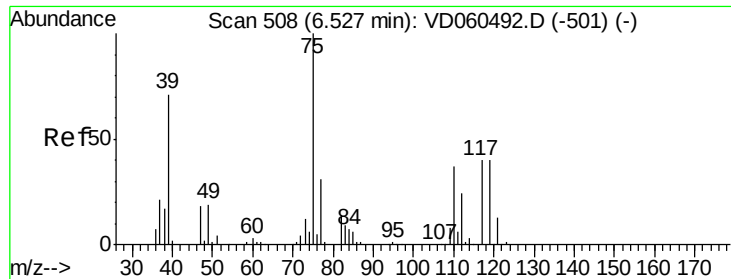


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

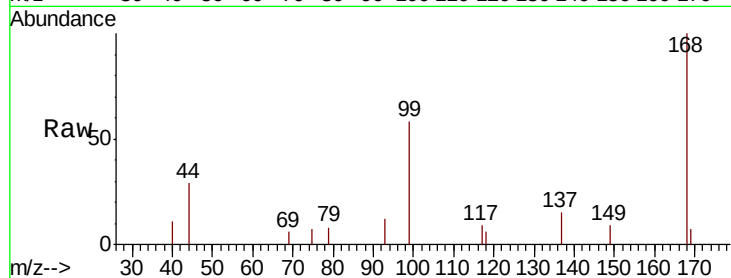




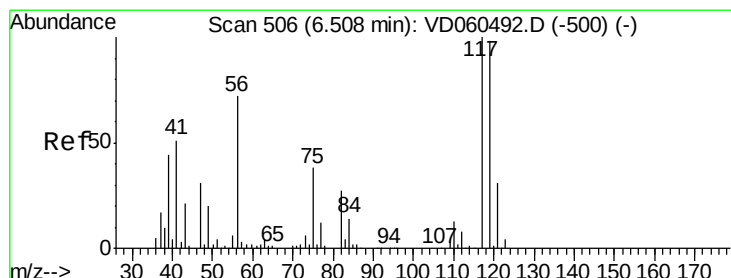
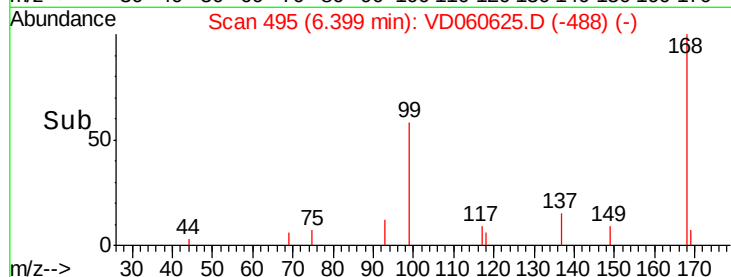
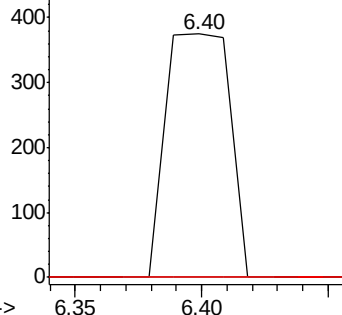
#36
 1,1-Dichloropropene
 Concen: 2.677 ug/l
 RT: 6.40 min Scan# 495
 Delta R.T. -0.13 min
 Lab File: VD060625.D
 Acq: 18 Dec 2018 17:06

Instrument :
 MSVOA_D
 ClientSampleId :
 EB09_1.5-2.5RE

Tot Ion: 75 Resp: 660
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.3 54.8#
 77 0.0 24.6 37.0#

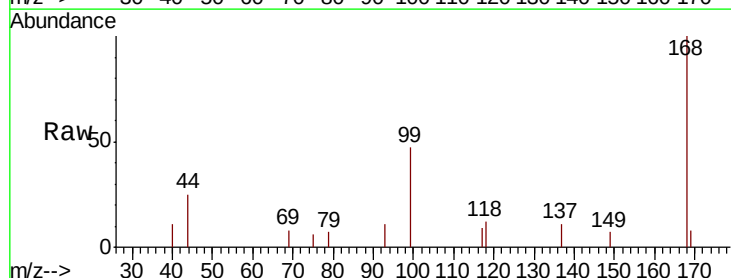


Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): V

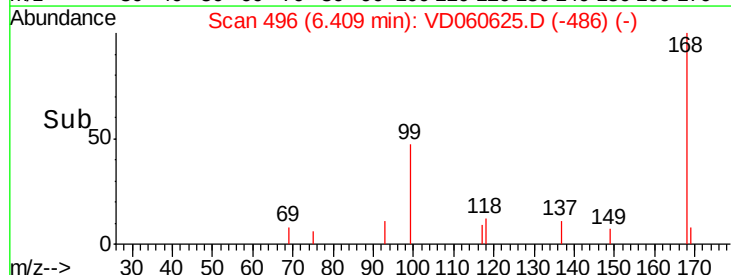
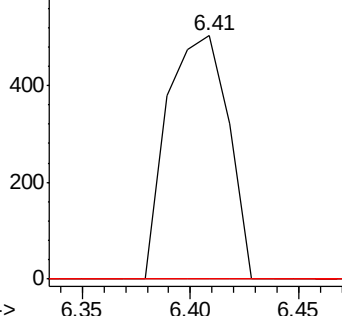


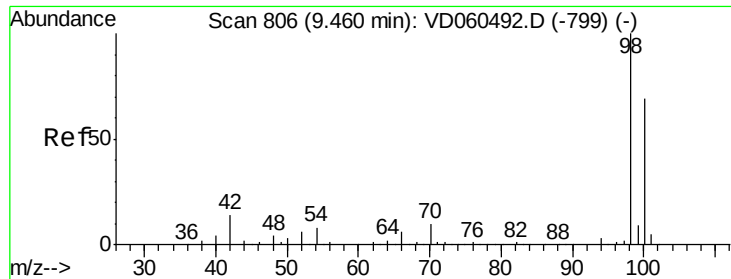
#38
 Carbon Tetrachloride
 Concen: 4.477 ug/l
 RT: 6.41 min Scan# 496
 Delta R.T. -0.10 min
 Lab File: VD060625.D
 Acq: 18 Dec 2018 17:06

Tgt Ion: 117 Resp: 991
 Ion Ratio Lower Upper
 117 100
 119 0.0 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

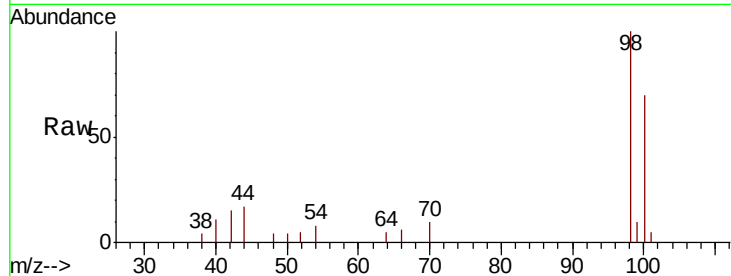




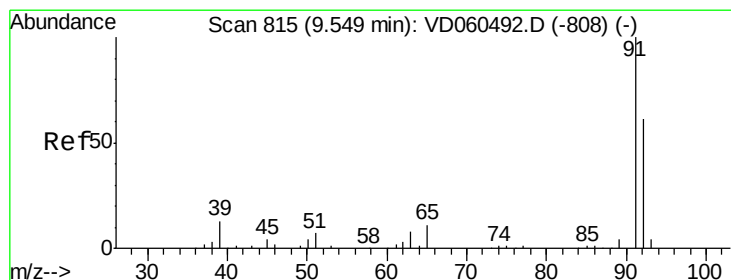
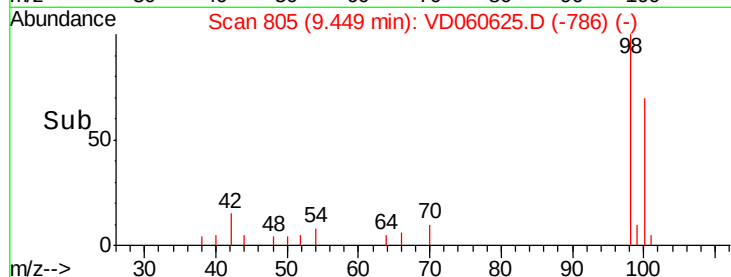
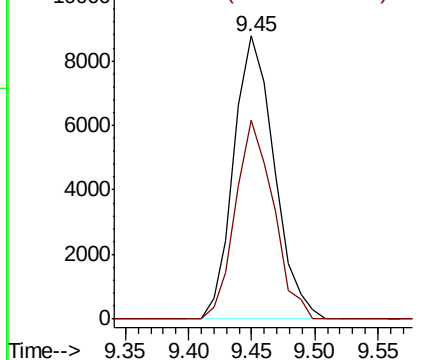
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. -0.01 min
Lab File: VD060625.D
Acq: 18 Dec 2018 17:06

Instrument :
MSVOA_D
ClientSampleId :
EB09_1.5-2.5RE

Tot Ion: 98 Resp: 19549
Ion Ratio Lower Upper
98 100
100 70.5 55.7 83.5

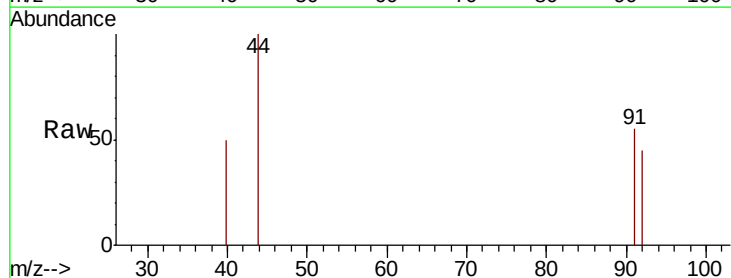


Abundance Ion 98.05 (97.75 to 98.75): VD060492.D (-799) (-)
Ion 100.05 (99.75 to 100.75): VD060492.D (-799) (-)

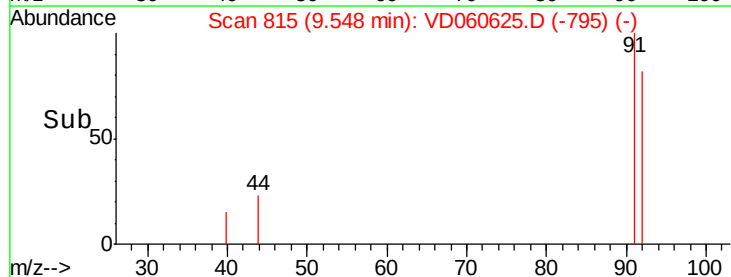
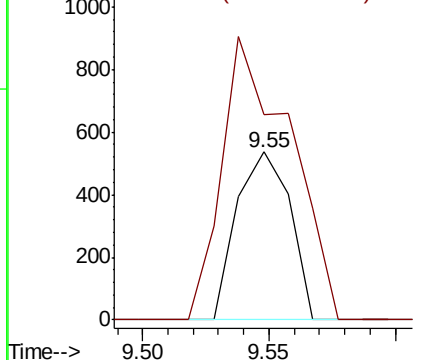


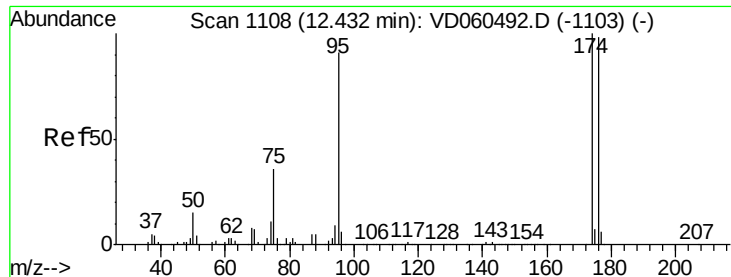
#52
Toluene
Concen: 1.998 ug/l
RT: 9.55 min Scan# 815
Delta R.T. -0.00 min
Lab File: VD060625.D
Acq: 18 Dec 2018 17:06

Tgt Ion: 92 Resp: 787
Ion Ratio Lower Upper
92 100
91 122.2 131.7 197.5#



Abundance Ion 92.00 (91.70 to 92.70): VD060492.D (-808) (-)
Ion 91.00 (90.70 to 91.70): VD060492.D (-808) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VD060625.D

Acq: 18 Dec 2018 17:06

Instrument :

MSVOA_D

ClientSampleId :

EB09_1.5-2.5RE

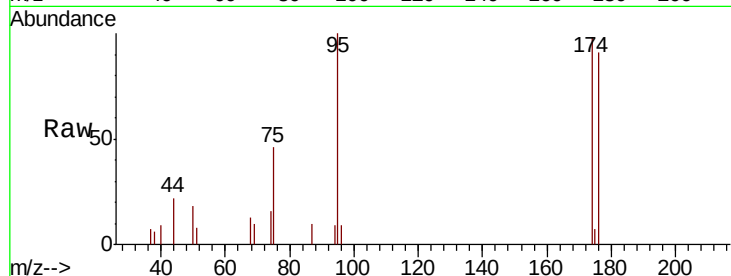
Tot Ion: 95 Resp: 8159

Ion Ratio Lower Upper

95 100

174 97.7 0.0 219.4

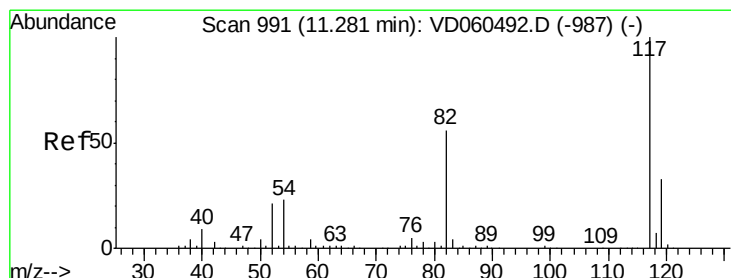
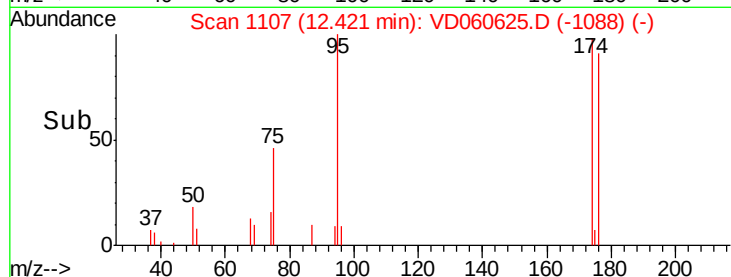
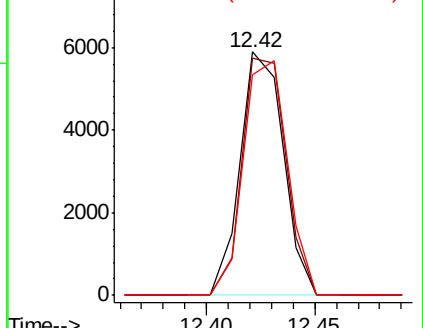
176 90.8 0.0 214.6



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: 11.28 min Scan# 991

Delta R.T. -0.00 min

Lab File: VD060625.D

Acq: 18 Dec 2018 17:06

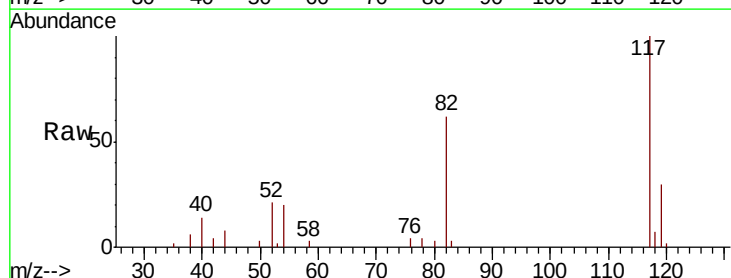
Tgt Ion: 117 Resp: 25943

Ion Ratio Lower Upper

117 100

82 62.1 45.2 67.8

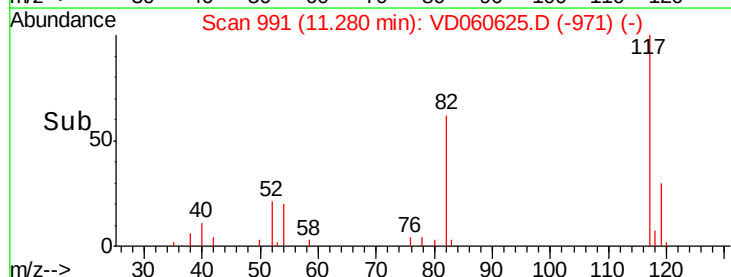
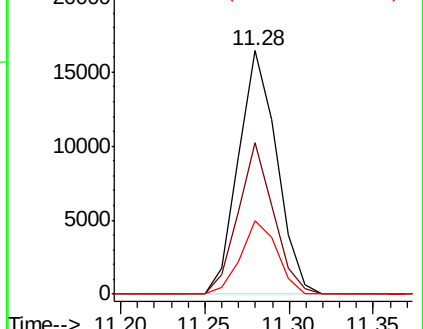
119 30.0 26.1 39.1

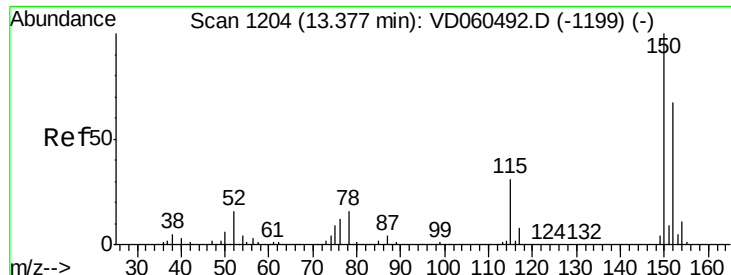


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1204

Delta R.T. -0.00 min

Lab File: VD060625.D

Acq: 18 Dec 2018 17:06

Instrument :

MSVOA_D

ClientSampleId :

EB09_1.5-2.5RE

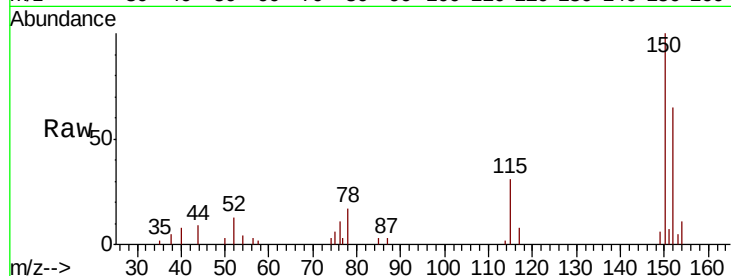
Tot Ion:152 Resp: 14944

Ion Ratio Lower Upper

152 100

115 48.4 24.6 74.0

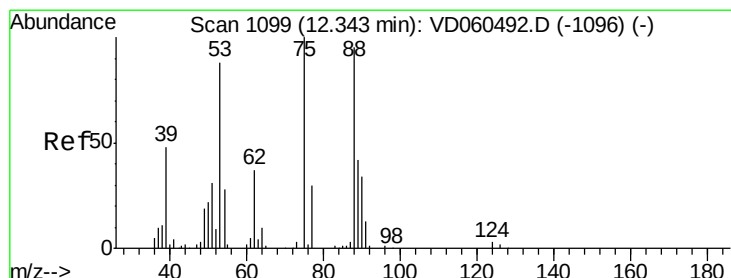
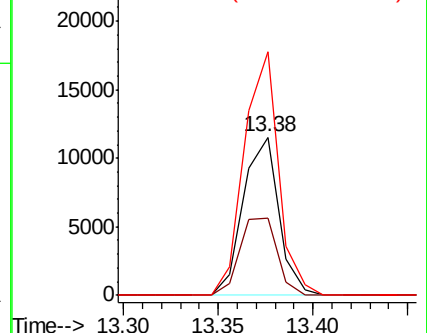
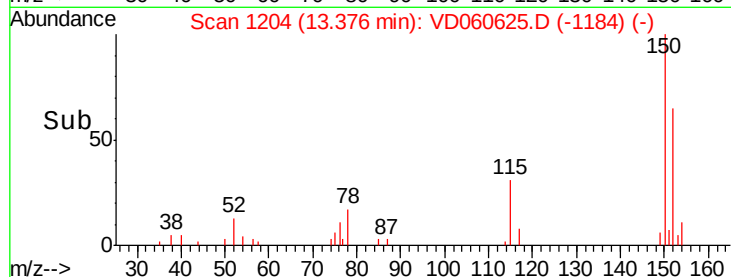
150 153.9 0.0 309.0



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



#81

trans-1,4-Dichloro-2-butene

Concen: 73.054 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.08 min

Lab File: VD060625.D

Acq: 18 Dec 2018 17:06

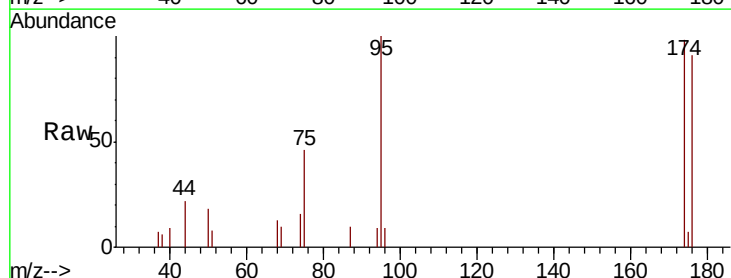
Tgt Ion: 75 Resp: 3450

Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

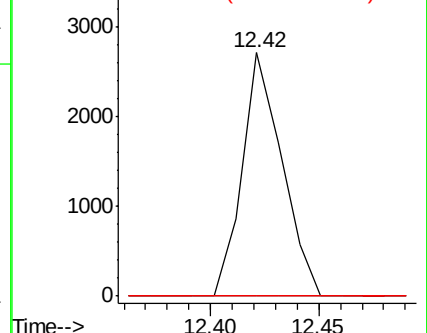
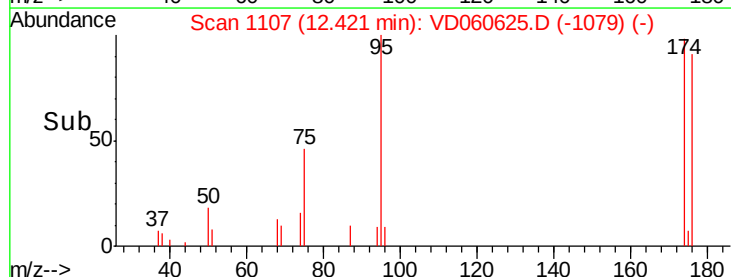
89 0.0 33.6 50.4#

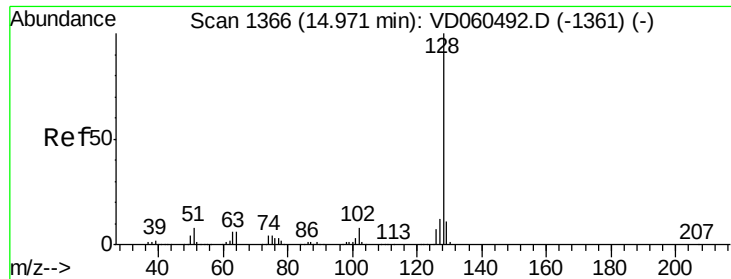


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#95

Naphthalene

Concen: 2.060 ug/l

RT: 14.97 min Scan# 1366

Delta R.T. -0.00 min

Lab File: VD060625.D

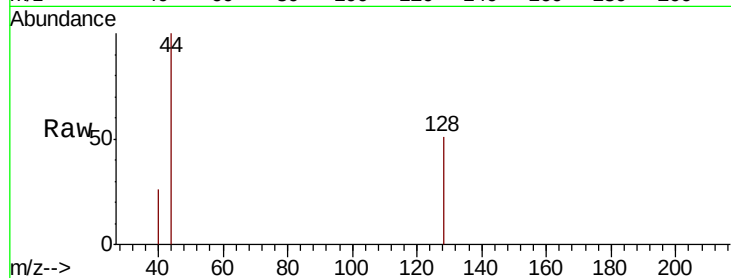
Acq: 18 Dec 2018 17:06

Instrument :

MSVOA_D

ClientSampleId :

EB09_1.5-2.5RE



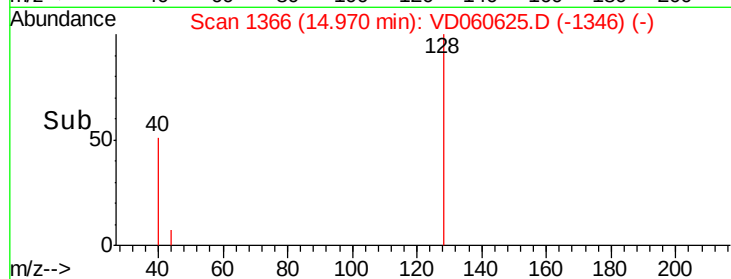
Tot Ion:128 Resp: 788

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

