

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
 Data File : VD060603.D
 Acq On : 17 Dec 2018 16:59
 Operator : VA/AP
 Sample : J6424-03
 Misc : 4.81g/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB09_1.5-2.5

Quant Time: Dec 18 11:17:13 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

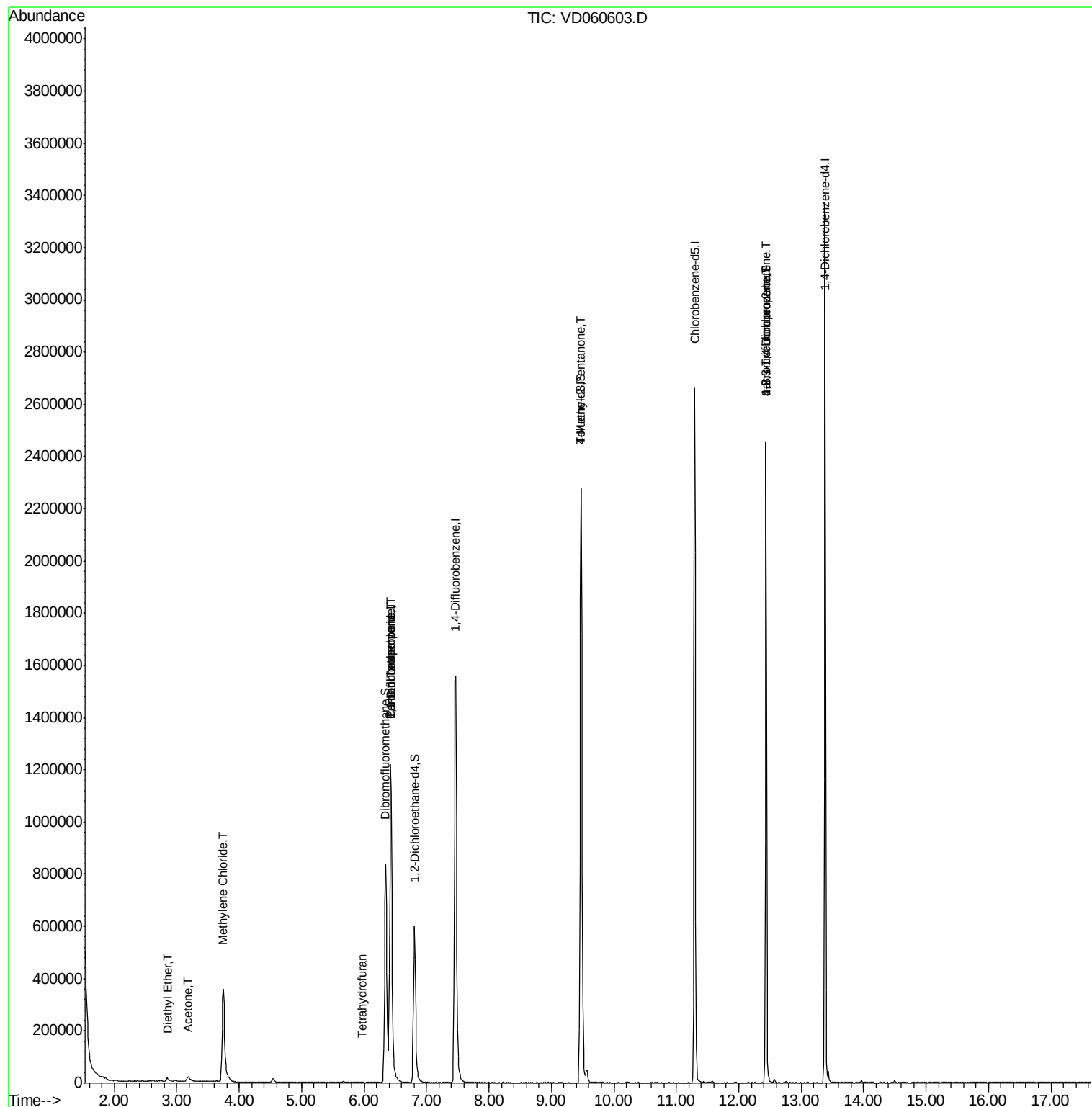
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1176531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.47	114	1716617	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.29	117	1453376	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	739142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	507678	60.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	121.76%	
35) Dibromofluoromethane	6.34	113	647482	51.35	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	9.47	98	1808394	49.56	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.44	95	654795	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.85	74	5357	2.784	ug/l	78
16) Acetone	3.18	43	42183	31.557	ug/l #	91
20) Methylene Chloride	3.75	84	243960	16.917	ug/l	92
29) Tetrahydrofuran	5.98	42	1742	1.170	ug/l #	40
31) Cyclohexane	6.42	56	22830	Below Cal	#	1
36) 1,1-Dichloropropene	6.42	75	84953	5.063	ug/l #	47
38) Carbon Tetrachloride	6.42	117	90389	6.000	ug/l #	16
51) 4-Methyl-2-Pentanone	9.47	43	10349	1.852	ug/l #	1
76) 1,2,3-Trichloropropane	12.44	75	267894	31.988	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.44	75	272898	116.832	ug/l #	14
89) n-Butylbenzene	13.66	91	925	Below Cal	#	77

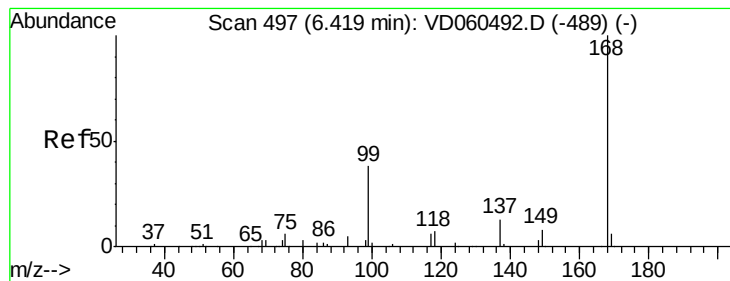
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
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Quant Time: Dec 18 11:17:13 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: VD060603.D

Acq: 17 Dec 2018 16:59

Instrument :

MSVOA_D

ClientSampleId :

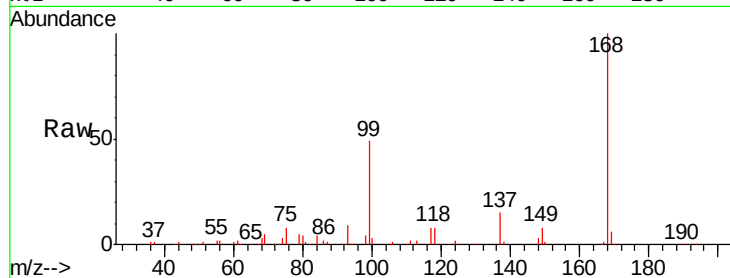
EB09_1.5-2.5

Tgt Ion:168 Resp: 1176531

Ion Ratio Lower Upper

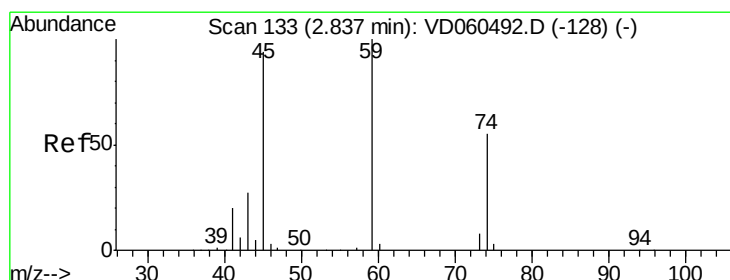
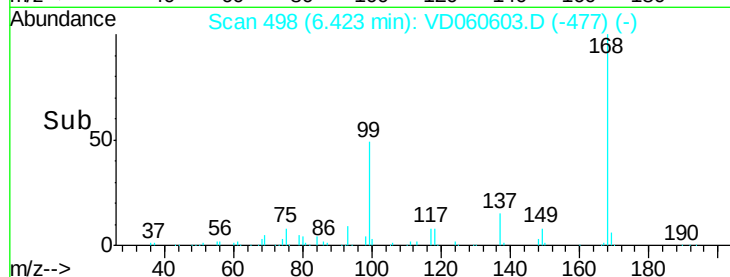
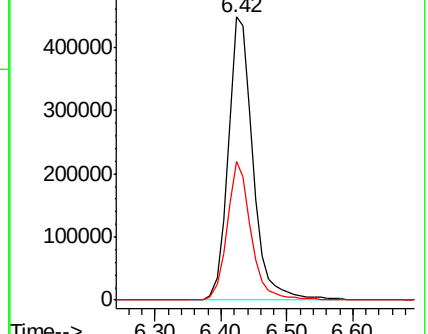
168 100

99 48.9 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 2.784 ug/l

RT: 2.85 min Scan# 135

Delta R.T. 0.01 min

Lab File: VD060603.D

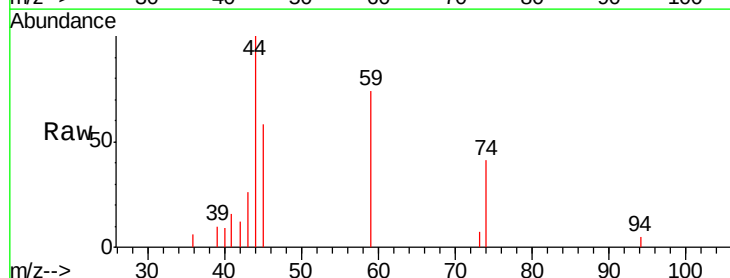
Acq: 17 Dec 2018 16:59

Tgt Ion: 74 Resp: 5357

Ion Ratio Lower Upper

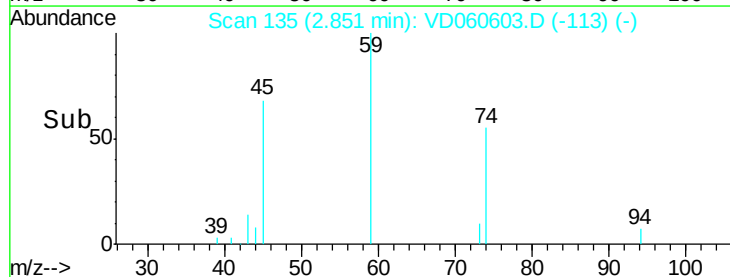
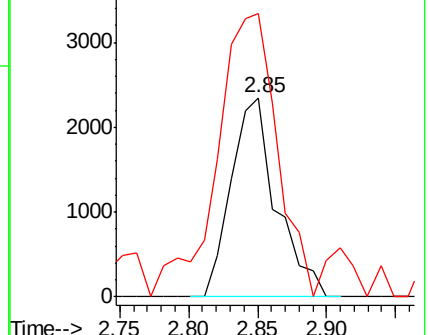
74 100

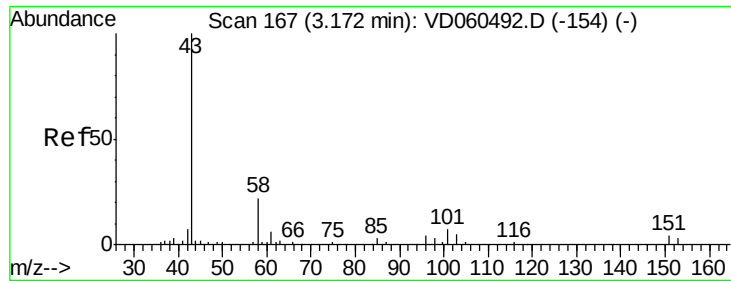
45 141.9 86.0 258.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 31.557 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VD060603.D

Acq: 17 Dec 2018 16:59

Instrument :

MSVOA_D

ClientSampleId :

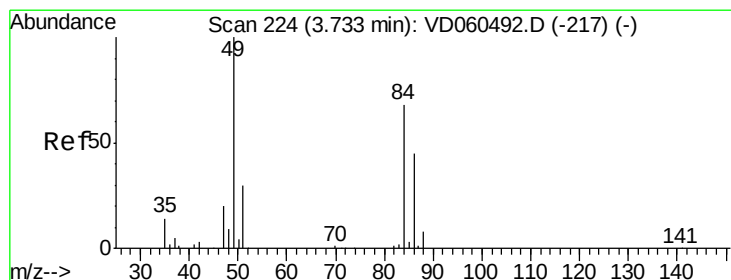
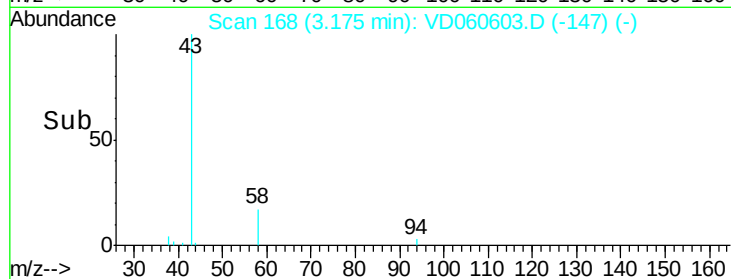
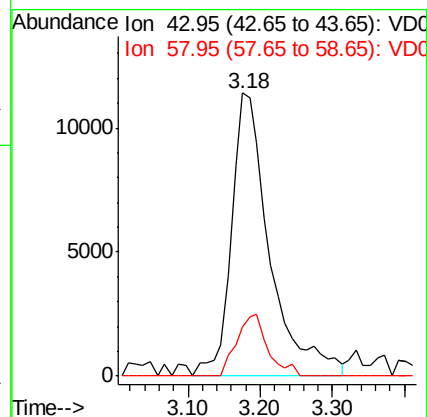
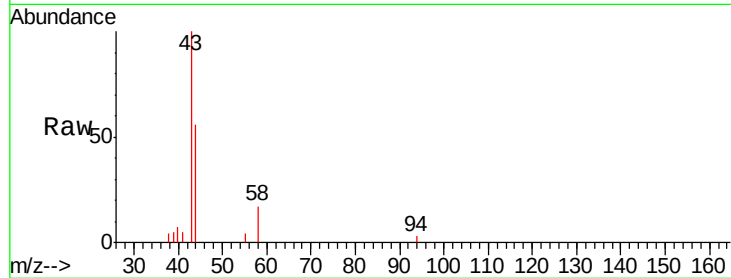
EB09_1.5-2.5

Tgt Ion: 43 Resp: 42183

Ion Ratio Lower Upper

43 100

58 17.2 17.3 25.9#



#20

Methylene Chloride

Concen: 16.917 ug/l

RT: 3.75 min Scan# 226

Delta R.T. 0.01 min

Lab File: VD060603.D

Acq: 17 Dec 2018 16:59

Tgt Ion: 84 Resp: 243960

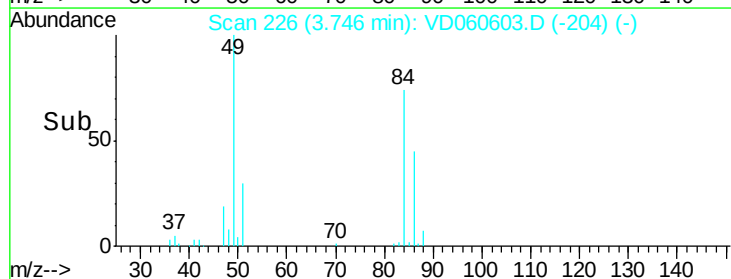
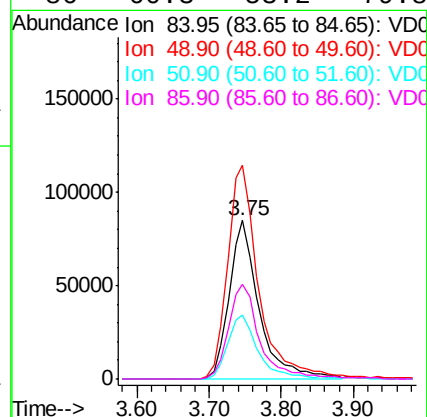
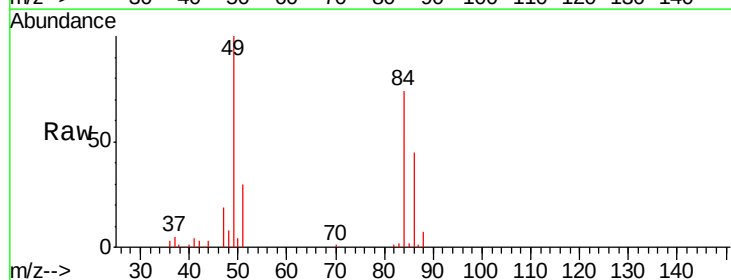
Ion Ratio Lower Upper

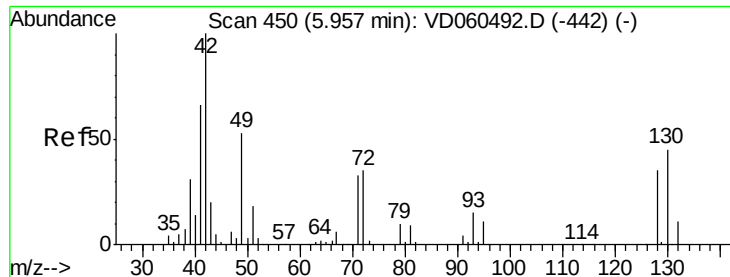
84 100

49 135.1 117.2 175.8

51 40.2 35.3 52.9

86 60.3 53.2 79.8

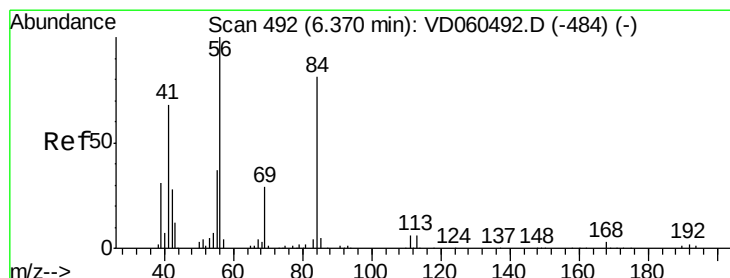
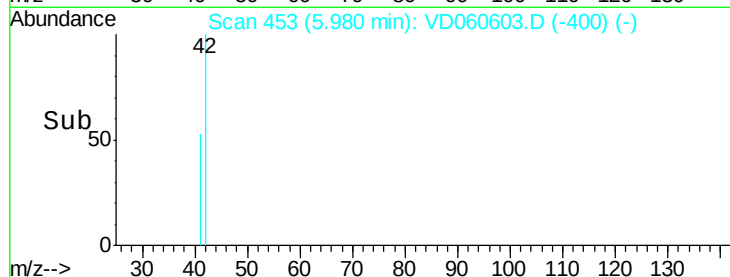
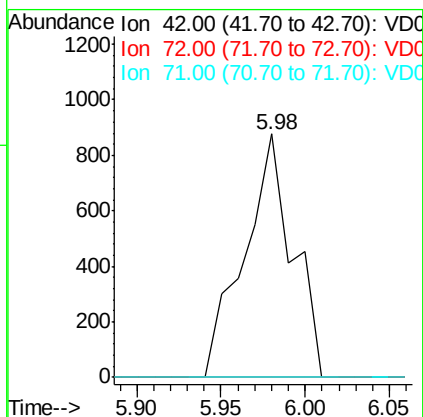
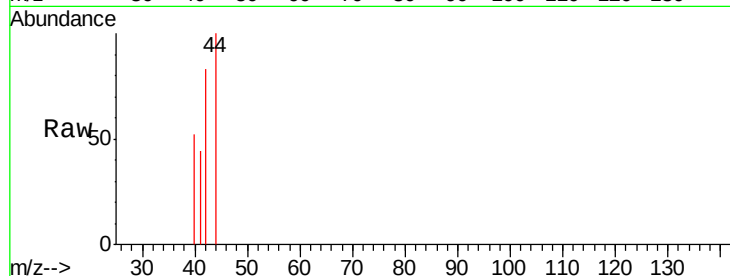




#29
Tetrahydrofuran
Concen: 1.170 ug/l
RT: 5.98 min Scan# 453
Delta R.T. 0.02 min
Lab File: VD060603.D
Acq: 17 Dec 2018 16:59

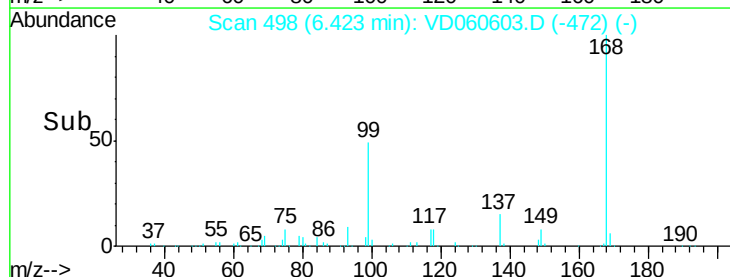
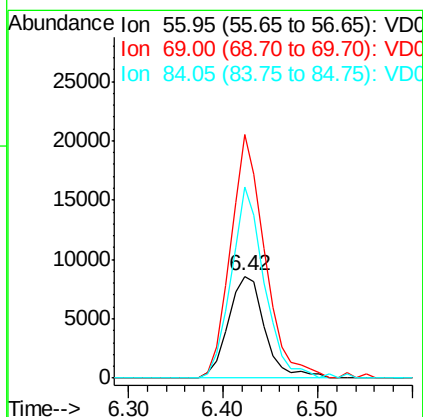
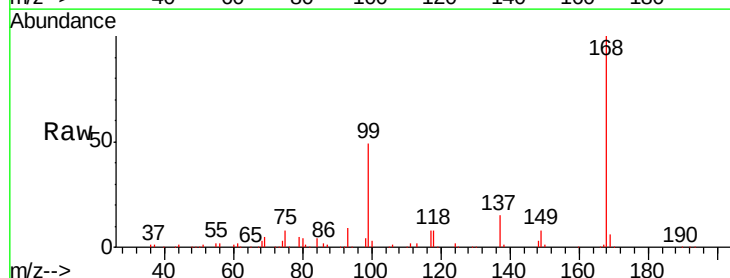
Instrument :
MSVOA_D
ClientSampleId :
EB09_1.5-2.5

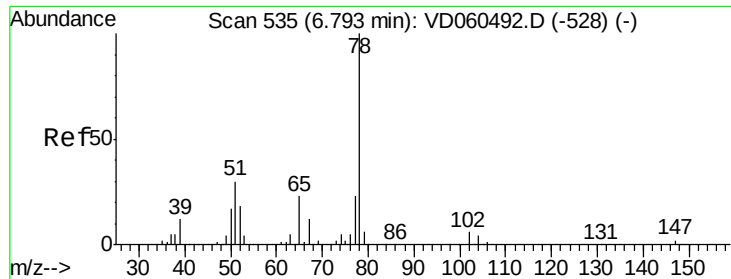
Tgt Ion: 42 Resp: 1742
Ion Ratio Lower Upper
42 100
72 0.0 28.0 42.0#
71 0.0 27.2 40.8#



#31
Cyclohexane
Concen: Below Cal
RT: 6.42 min Scan# 498
Delta R.T. 0.05 min
Lab File: VD060603.D
Acq: 17 Dec 2018 16:59

Tgt Ion: 56 Resp: 22830
Ion Ratio Lower Upper
56 100
69 239.2 22.8 34.2#
84 188.2 65.1 97.7#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.81 min Scan# 537

Delta R.T. 0.01 min

Lab File: VD060603.D

Acq: 17 Dec 2018 16:59

Instrument :

MSVOA_D

ClientSampleId :

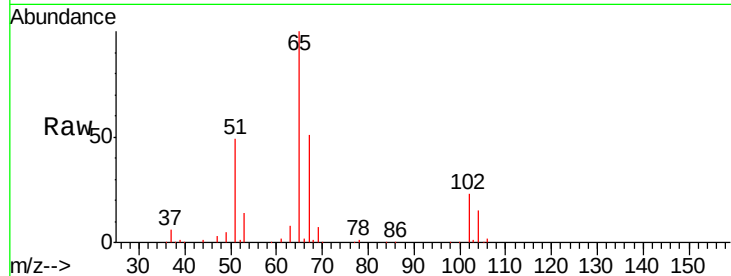
EB09_1.5-2.5

Tgt Ion: 65 Resp: 507678

Ion Ratio Lower Upper

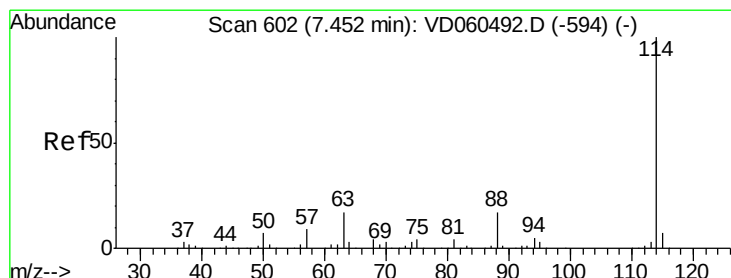
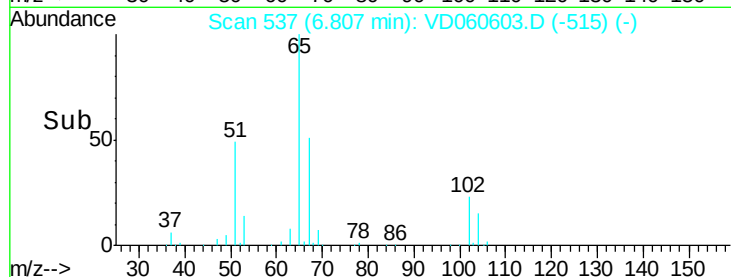
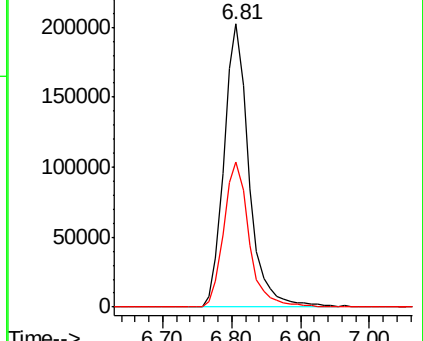
65 100

67 51.3 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: 7.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD060603.D

Acq: 17 Dec 2018 16:59

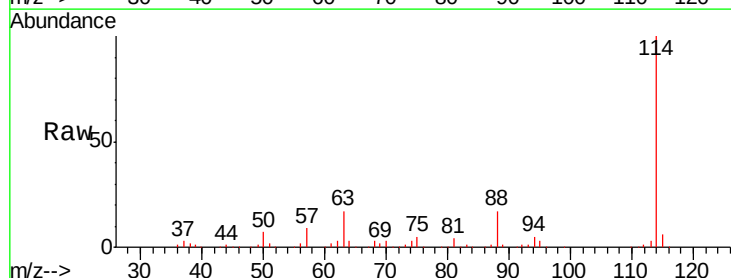
Tgt Ion: 114 Resp: 1716617

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.2

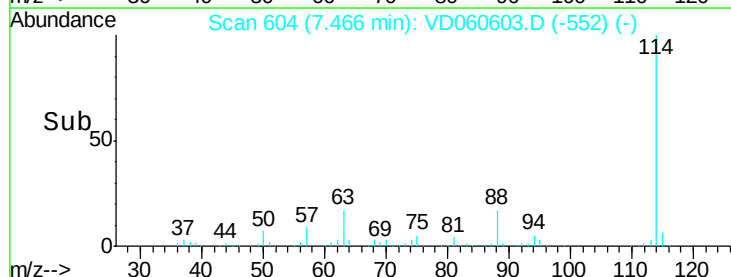
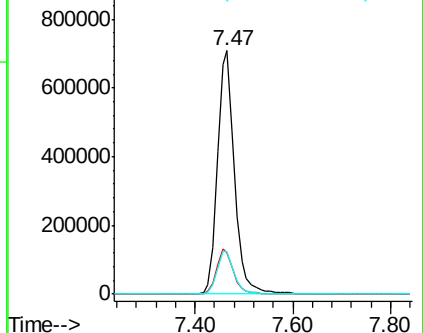
88 17.4 0.0 35.0

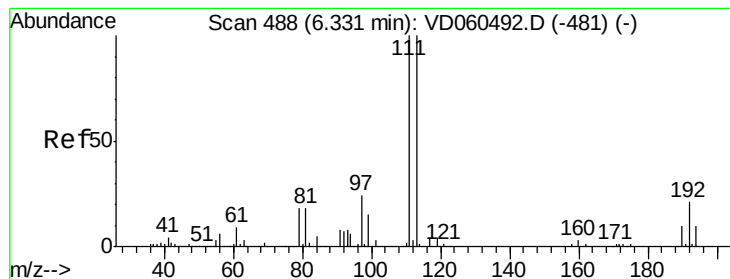


Abundance Ion 114.00 (113.70 to 114.70): VDC

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: 6.34 min Scan# 490

Delta R.T. 0.01 min

Lab File: VD060603.D

Acq: 17 Dec 2018 16:59

Instrument :

MSVOA_D

ClientSampleId :

EB09_1.5-2.5

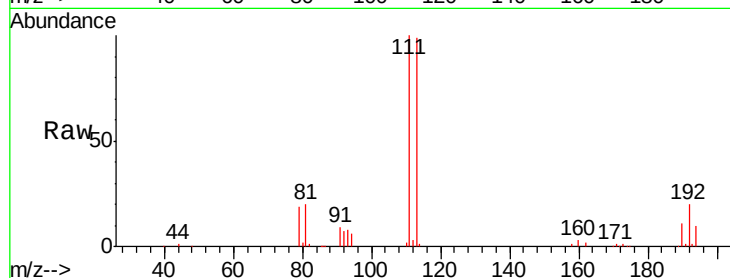
Tgt Ion:113 Resp: 647482

Ion Ratio Lower Upper

113 100

111 101.2 80.2 120.4

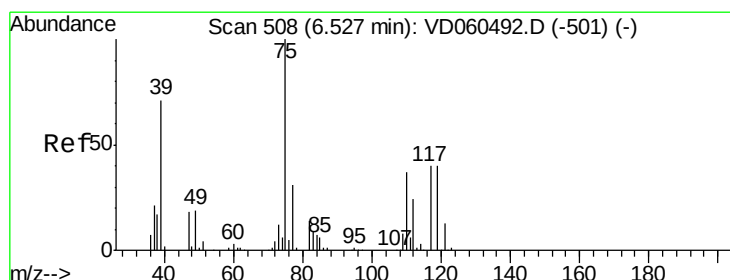
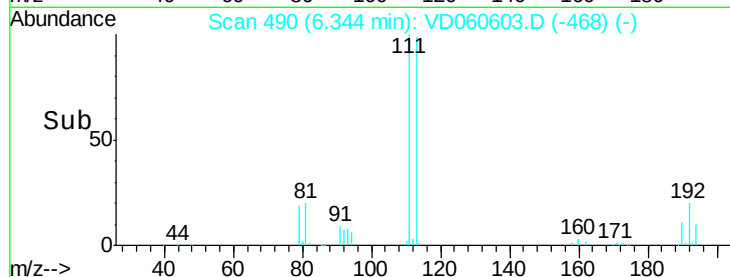
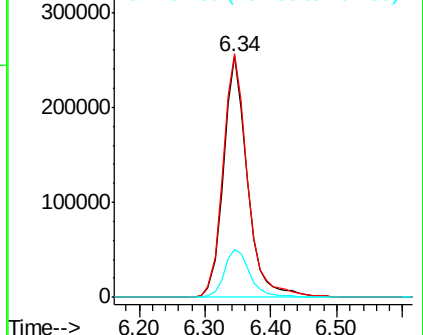
192 20.0 16.6 24.8



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: 5.063 ug/l

RT: 6.42 min Scan# 498

Delta R.T. -0.10 min

Lab File: VD060603.D

Acq: 17 Dec 2018 16:59

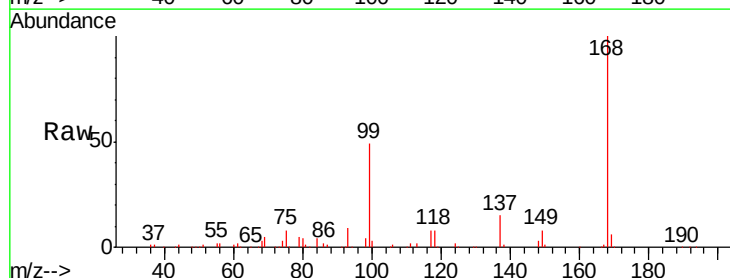
Tgt Ion: 75 Resp: 84953

Ion Ratio Lower Upper

75 100

110 6.3 18.3 54.8#

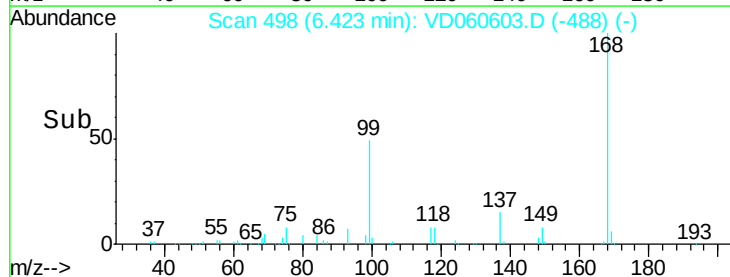
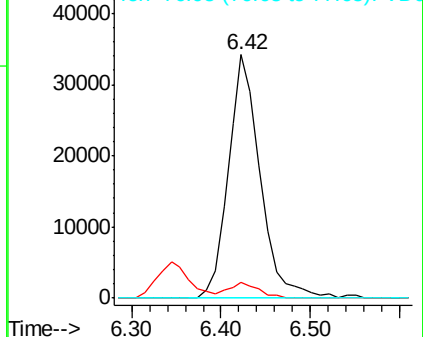
77 0.0 24.6 37.0#

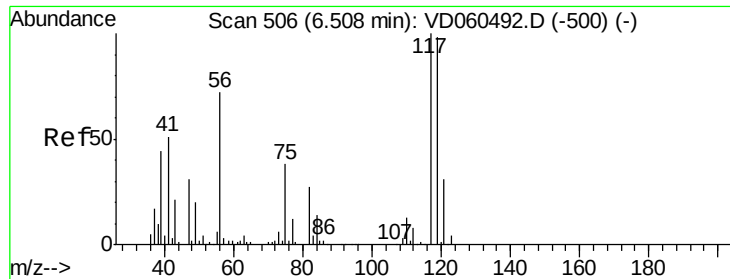


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 6.000 ug/l

RT: 6.42 min Scan# 498

Delta R.T. -0.08 min

Lab File: VD060603.D

Acq: 17 Dec 2018 16:59

Instrument :

MSVOA_D

ClientSampleId :

EB09_1.5-2.5

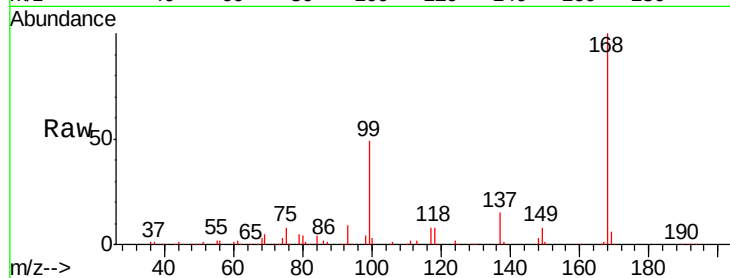
Tgt Ion:117 Resp: 90389

Ion Ratio Lower Upper

117 100

119 5.4 76.8 115.2#

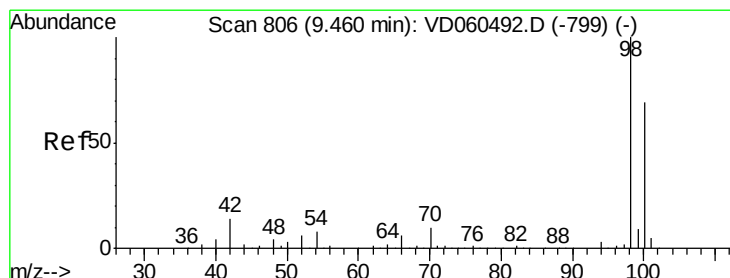
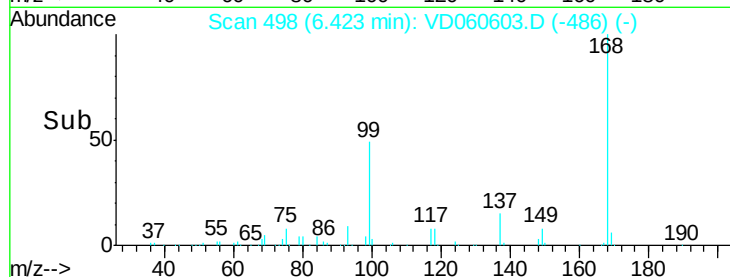
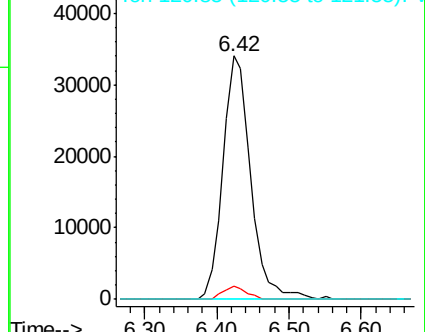
121 0.0 24.4 36.6#



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: 9.47 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD060603.D

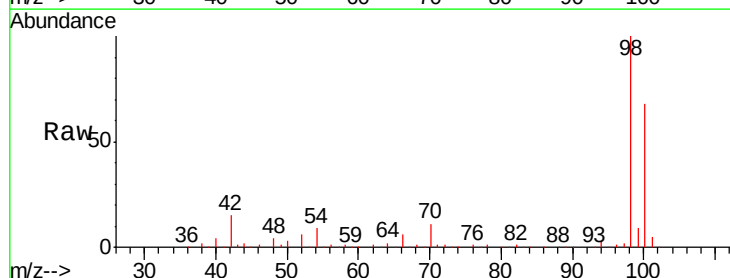
Acq: 17 Dec 2018 16:59

Tgt Ion: 98 Resp: 1808394

Ion Ratio Lower Upper

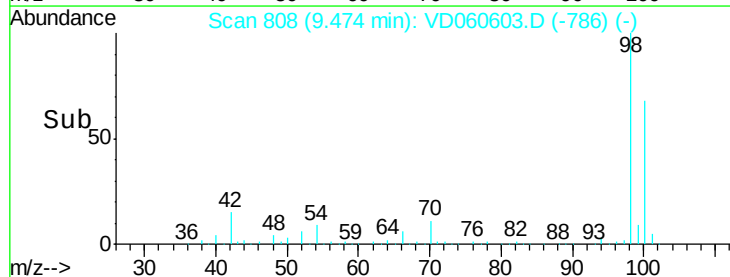
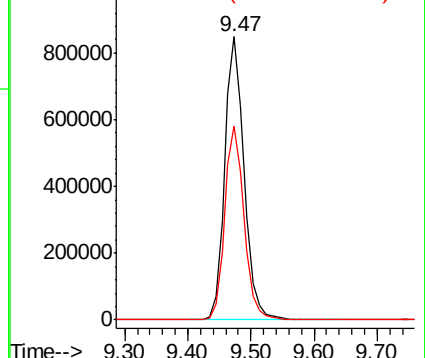
98 100

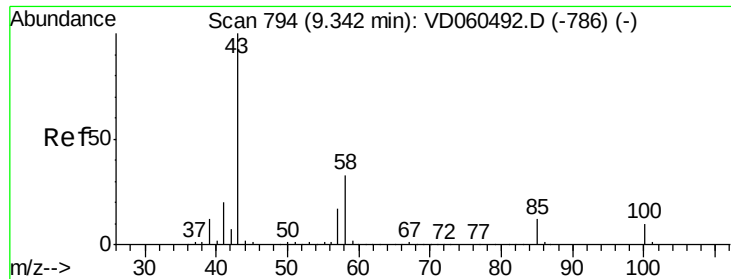
100 68.4 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

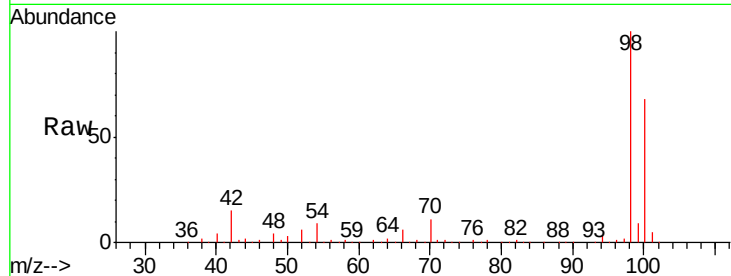




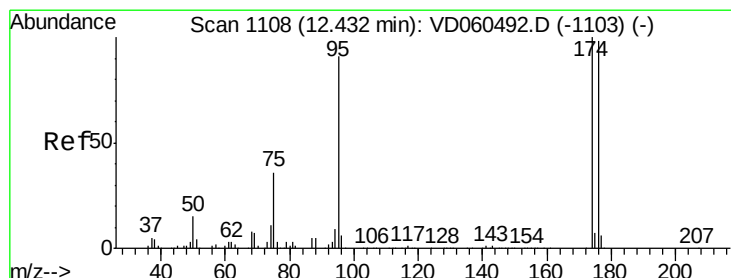
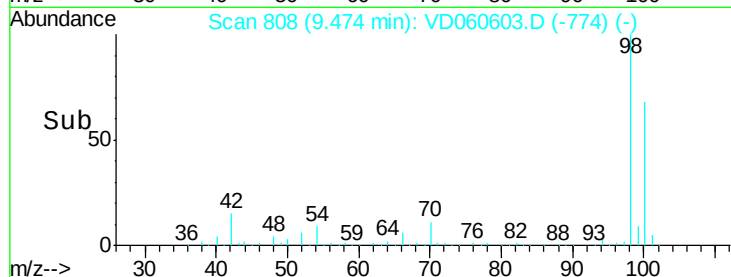
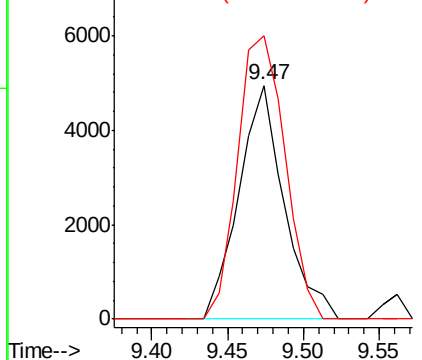
#51
4-Methyl-2-Pentanone
Concen: 1.852 ug/l
RT: 9.47 min Scan# 808
Delta R.T. 0.13 min
Lab File: VD060603.D
Acq: 17 Dec 2018 16:59

Instrument :
MSVOA_D
ClientSampleId :
EB09_1.5-2.5

Tgt Ion: 43 Resp: 10349
Ion Ratio Lower Upper
43 100
58 121.1 26.3 39.5#

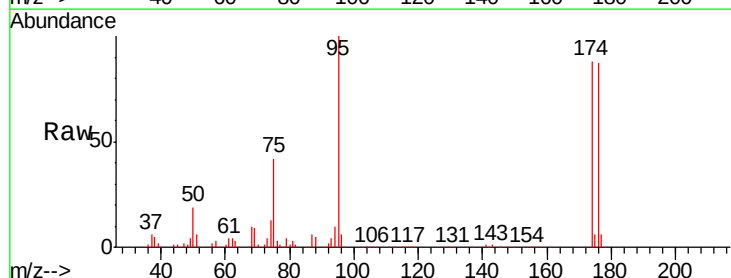


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

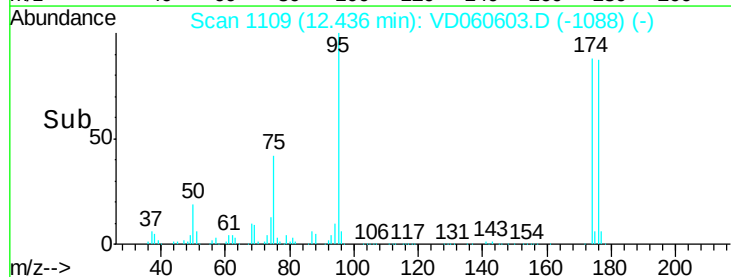
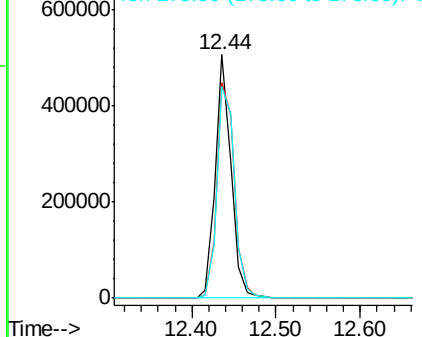


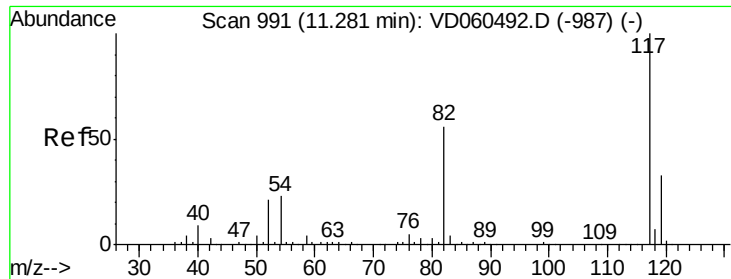
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VD060603.D
Acq: 17 Dec 2018 16:59

Tgt Ion: 95 Resp: 654795
Ion Ratio Lower Upper
95 100
174 88.3 0.0 219.4
176 86.7 0.0 214.6



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

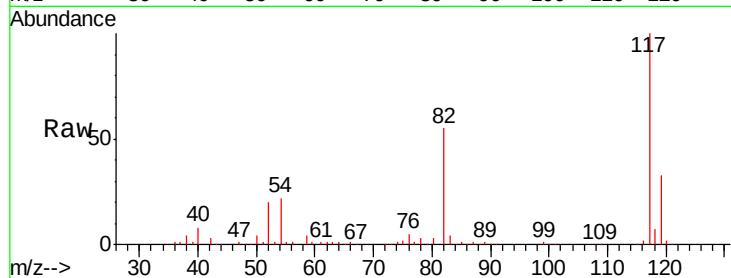




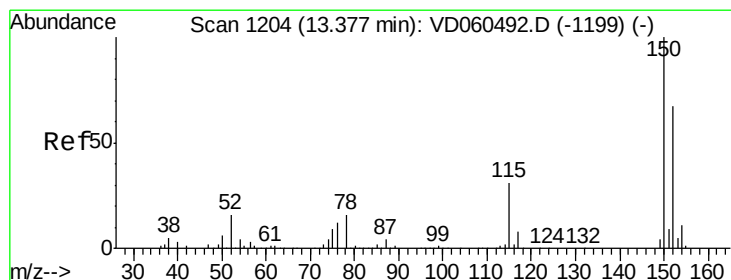
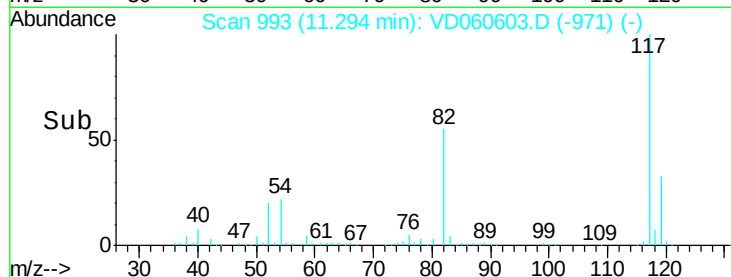
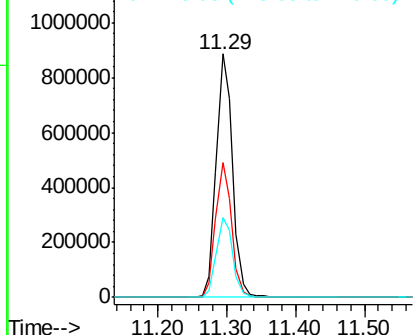
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.01 min
Lab File: VD060603.D
Acq: 17 Dec 2018 16:59

Instrument :
MSVOA_D
ClientSampleId :
EB09_1.5-2.5

Tgt Ion:117 Resp: 1453376
Ion Ratio Lower Upper
117 100
82 55.2 45.2 67.8
119 32.8 26.1 39.1

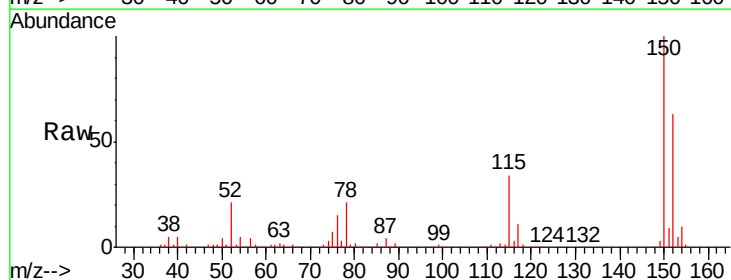


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V

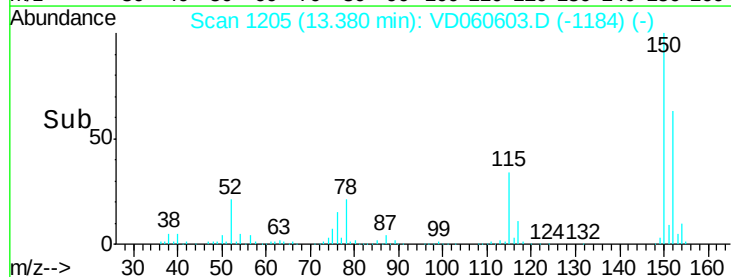
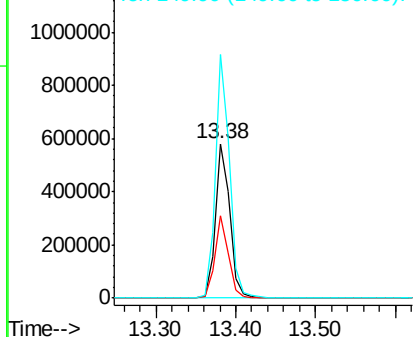


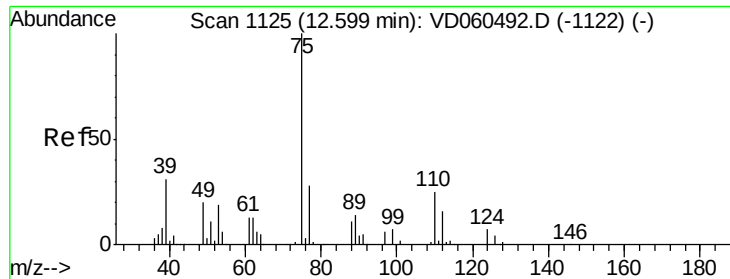
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VD060603.D
Acq: 17 Dec 2018 16:59

Tgt Ion:152 Resp: 739142
Ion Ratio Lower Upper
152 100
115 53.3 24.6 74.0
150 157.8 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

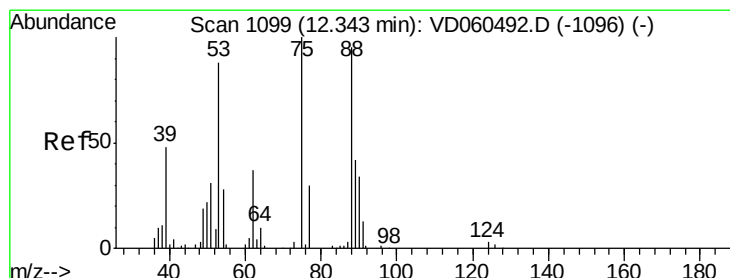
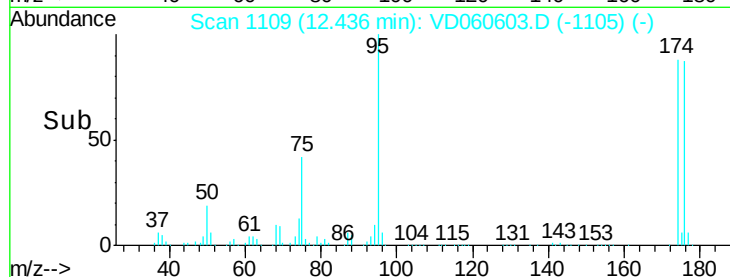
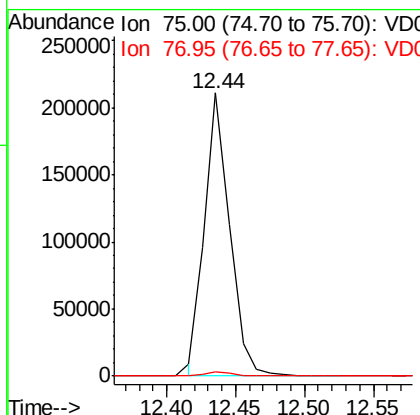
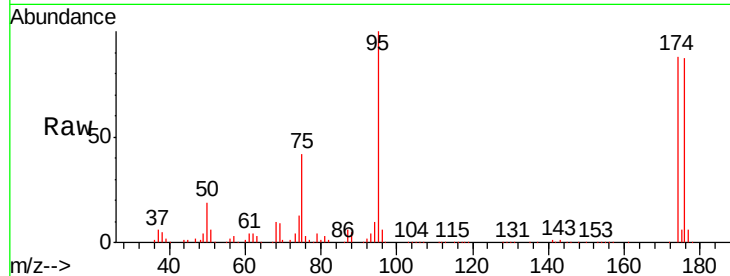




#76
 1,2,3-Trichloropropane
 Concen: 31.988 ug/l
 RT: 12.44 min Scan# 1109
 Delta R.T. -0.16 min
 Lab File: VD060603.D
 Acq: 17 Dec 2018 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 EB09_1.5-2.5

Tgt Ion: 75 Resp: 267894
 Ion Ratio Lower Upper
 75 100
 77 1.4 16.4 49.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.832 ug/l
 RT: 12.44 min Scan# 1109
 Delta R.T. 0.09 min
 Lab File: VD060603.D
 Acq: 17 Dec 2018 16:59

Tgt Ion: 75 Resp: 272898
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 33.6 50.4#

