

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
 Data File : VW004220.D
 Acq On : 26 Jul 2018 03:41
 Operator : SY/AP
 Sample : J4095-07
 Misc : 11.23G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-07-9-11

Quant Time: Jul 26 05:14:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	175856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	314864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	105729	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	13140	6.68	ug/l	0.00
Spiked Amount			Recovery	=	13.36%	
35) Dibromofluoromethane	7.88	113	11241	5.56	ug/l	0.00
Spiked Amount			Recovery	=	11.12%	
50) Toluene-d8	10.32	98	30866	3.94	ug/l	0.00
Spiked Amount			Recovery	=	7.88%	
62) 4-Bromofluorobenzene	12.63	95	10065	3.56	ug/l	0.00
Spiked Amount			Recovery	=	7.12%	

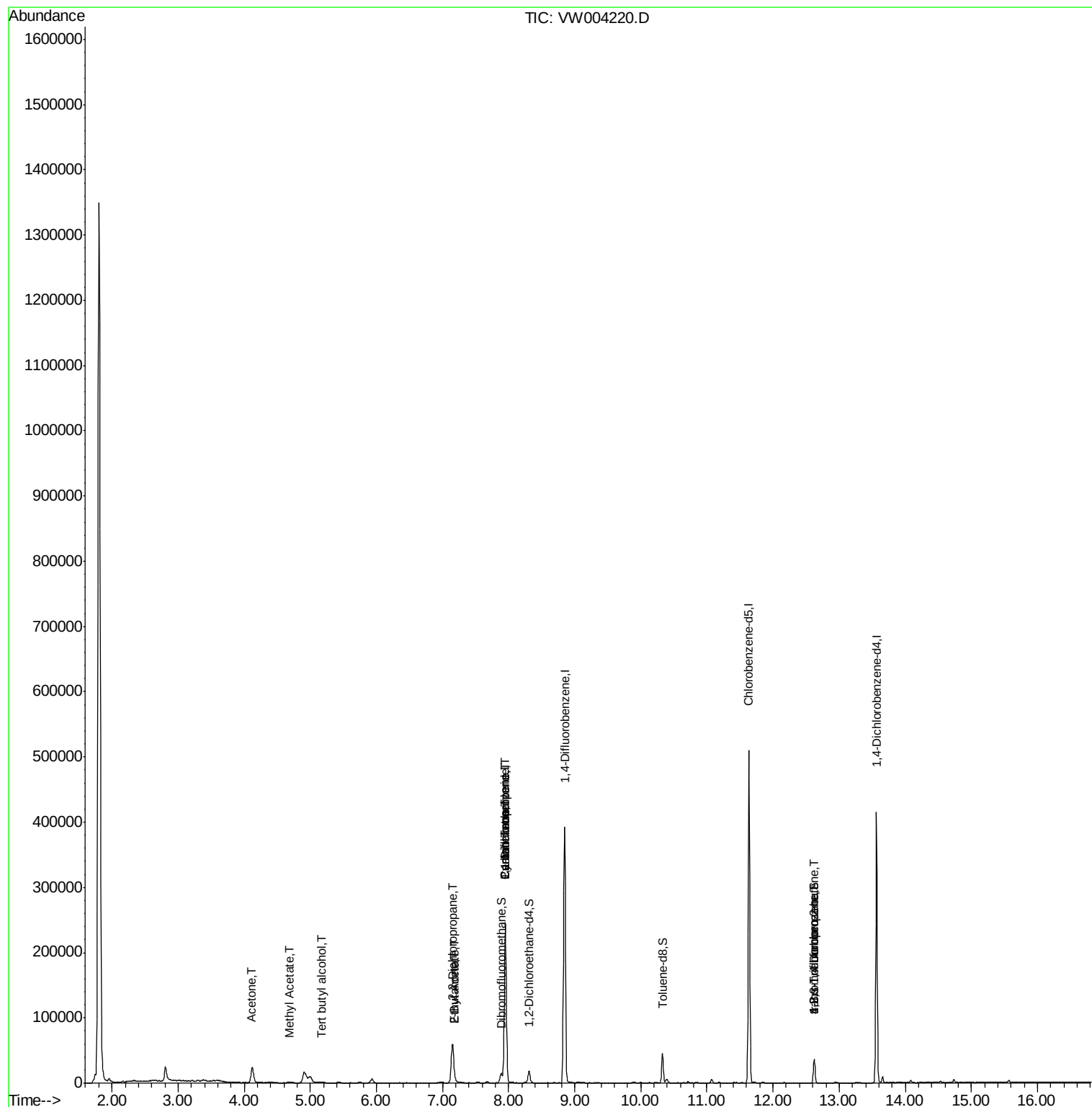
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	277	2.041	ug/l #	72
16) Acetone	4.12	43	41823	88.540	ug/l	98
18) Methyl Acetate	4.67	43	2480	2.187	ug/l	97
20) Methylene Chloride	4.90	84	14803	Below Cal		93
25) 2-Butanone	7.18	43	6491	10.211	ug/l #	78
26) 2,2-Dichloropropane	7.15	77	3811	1.908	ug/l #	52
31) Cyclohexane	7.95	56	4048	1.241	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15631	4.825	ug/l #	50
37) Ethyl Acetate	7.18	43	6491	4.154	ug/l #	70
38) Carbon Tetrachloride	7.95	117	17515	5.786	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	5212	4.965	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	5212	10.984	ug/l #	11

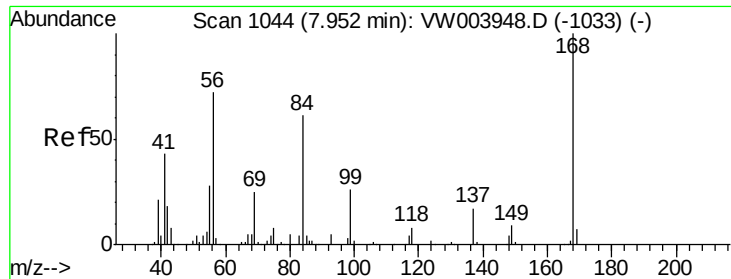
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004220.D

Acq: 26 Jul 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

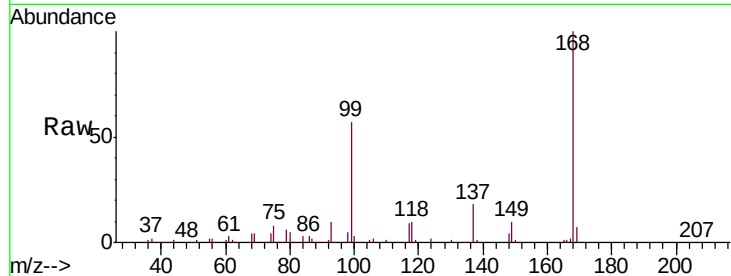
CON-SB-07-9-11

Tgt Ion:168 Resp: 175856

Ion Ratio Lower Upper

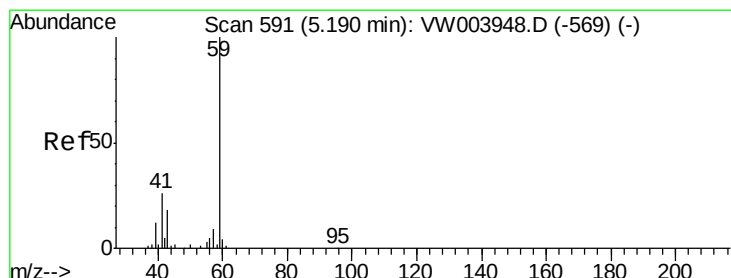
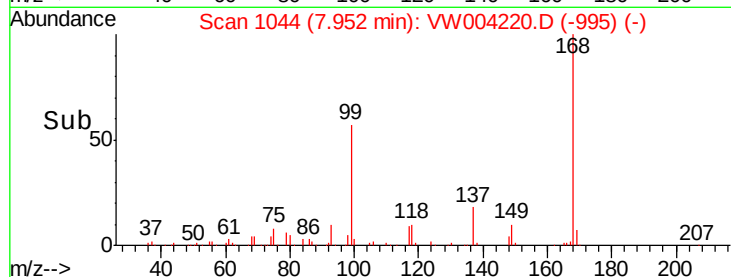
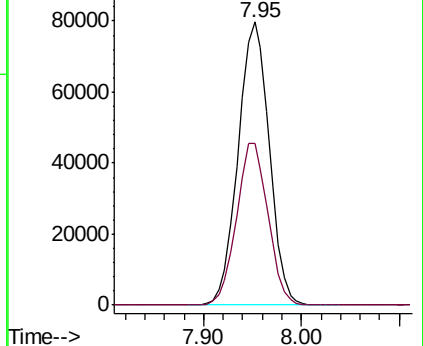
168 100

99 57.0 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.041 ug/l

RT: 5.17 min Scan# 588

Delta R.T. -0.02 min

Lab File: VW004220.D

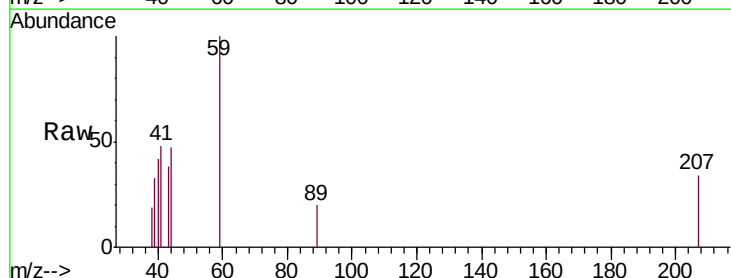
Acq: 26 Jul 2018 03:41

Tgt Ion: 59 Resp: 277

Ion Ratio Lower Upper

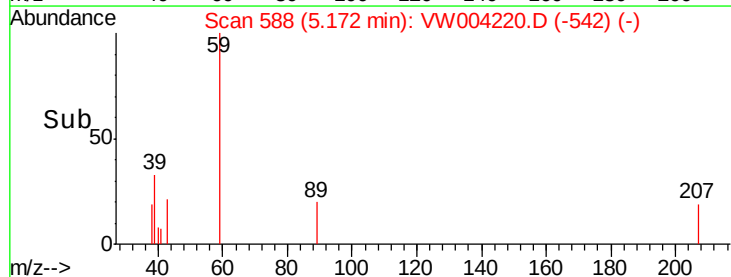
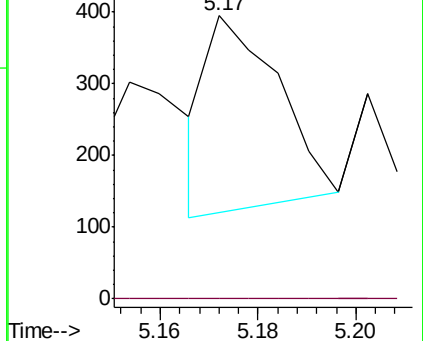
59 100

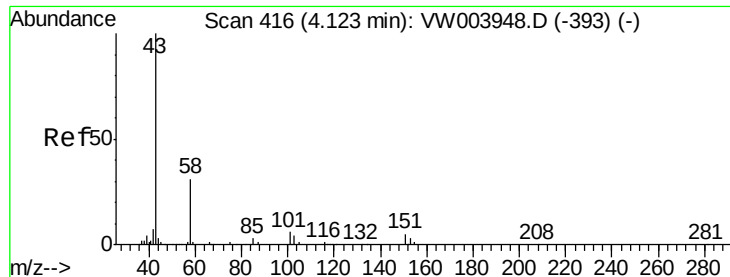
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 88.540 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW004220.D

Acq: 26 Jul 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

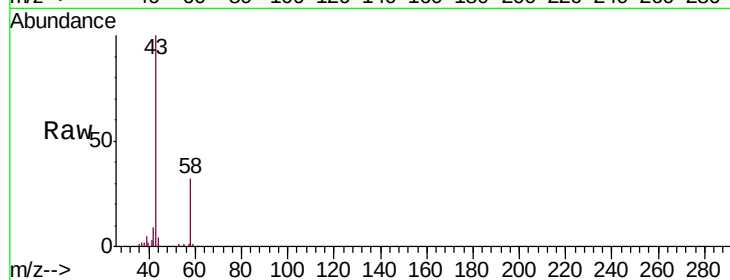
CON-SB-07-9-11

Tgt Ion: 43 Resp: 41823

Ion Ratio Lower Upper

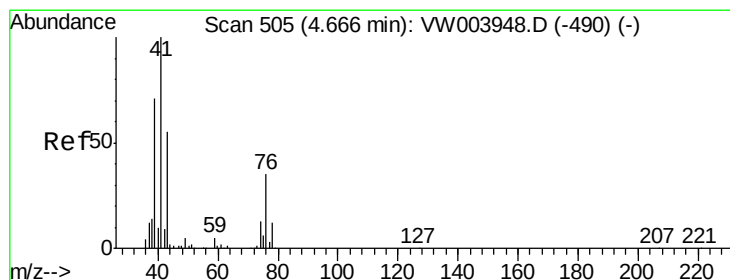
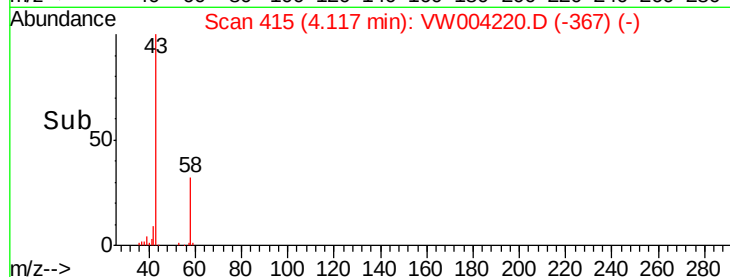
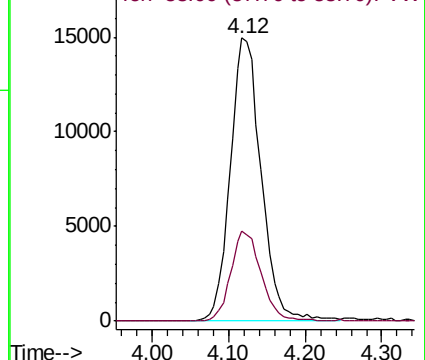
43 100

58 31.9 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 2.187 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW004220.D

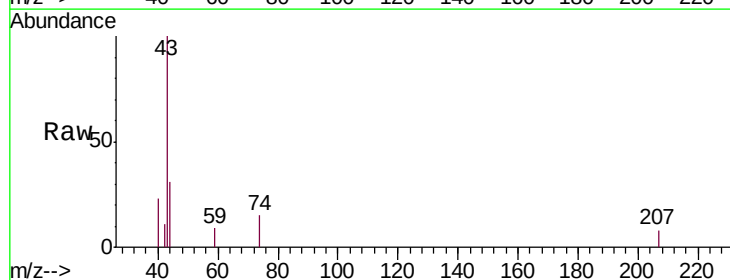
Acq: 26 Jul 2018 03:41

Tgt Ion: 43 Resp: 2480

Ion Ratio Lower Upper

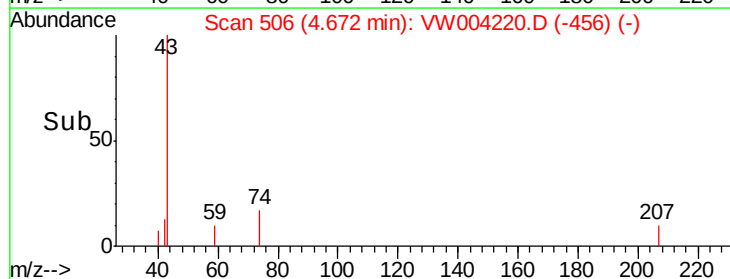
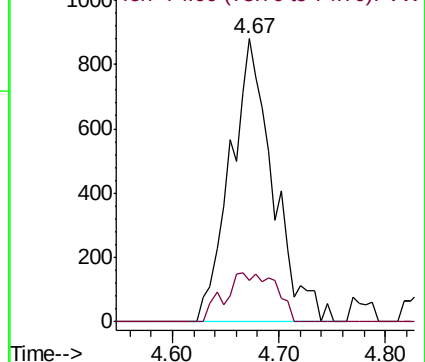
43 100

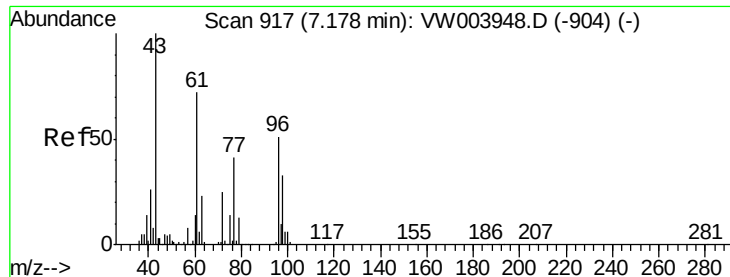
74 20.6 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#25

2-Butanone

Concen: 10.211 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004220.D

Acq: 26 Jul 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

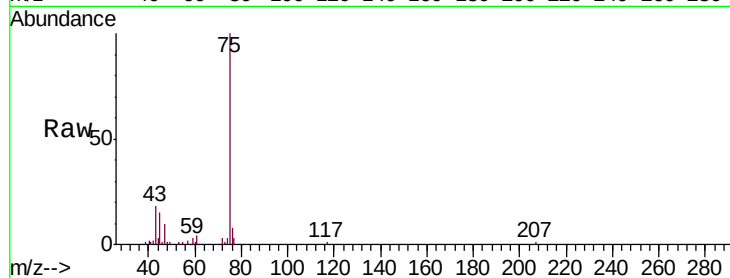
CON-SB-07-9-11

Tgt Ion: 43 Resp: 6491

Ion Ratio Lower Upper

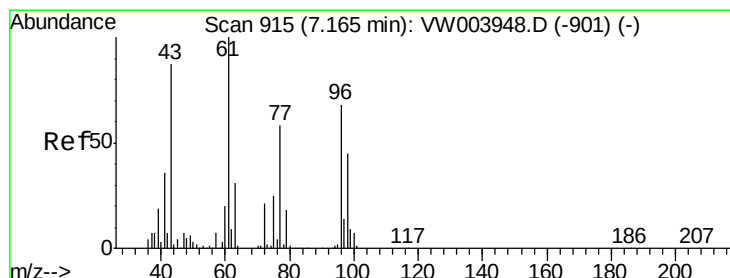
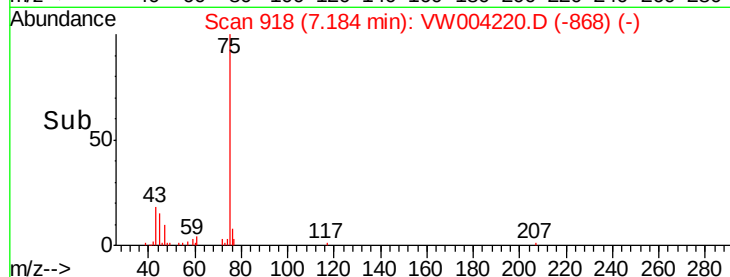
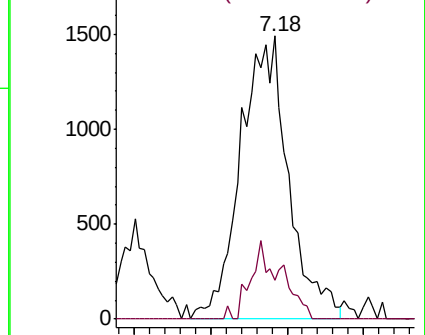
43 100

72 13.7 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 1.908 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.02 min

Lab File: VW004220.D

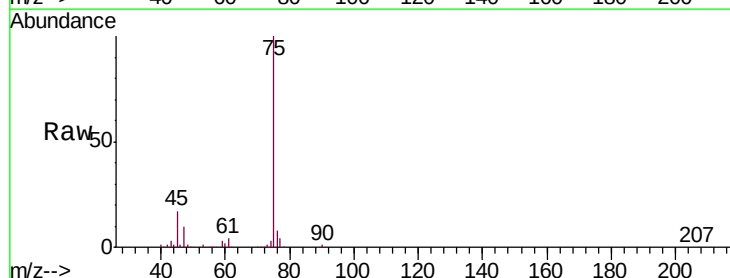
Acq: 26 Jul 2018 03:41

Tgt Ion: 77 Resp: 3811

Ion Ratio Lower Upper

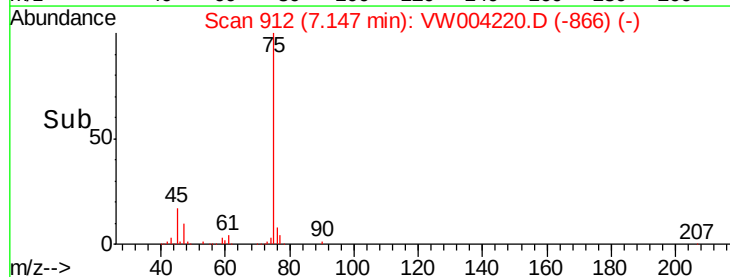
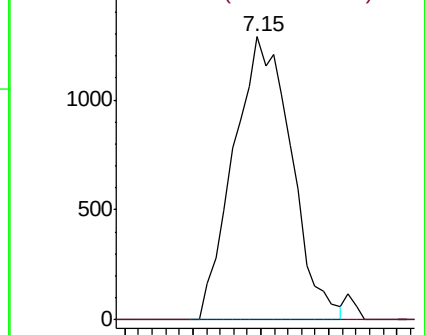
77 100

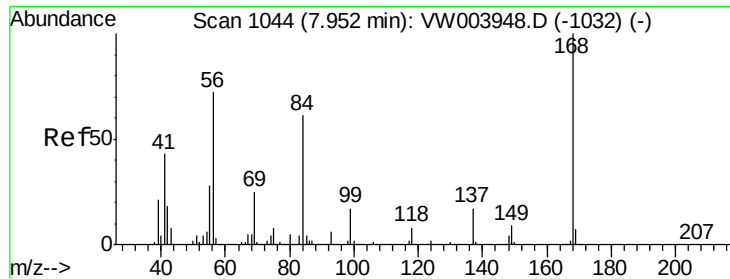
97 0.0 11.8 35.3#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

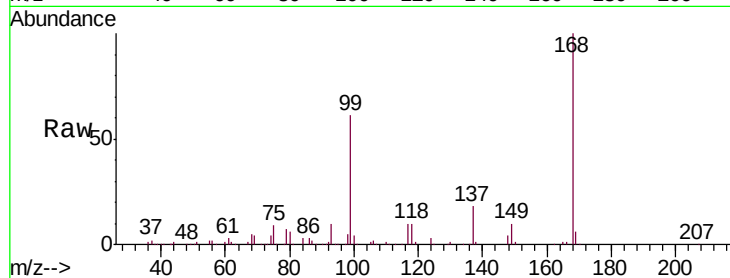




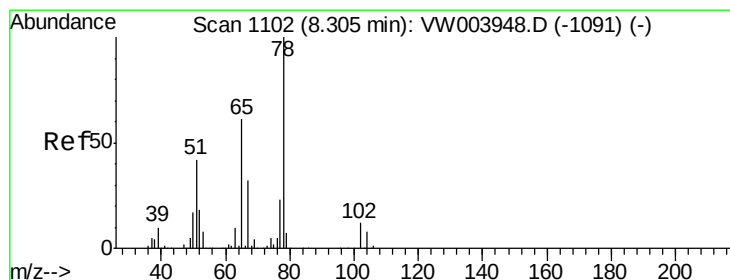
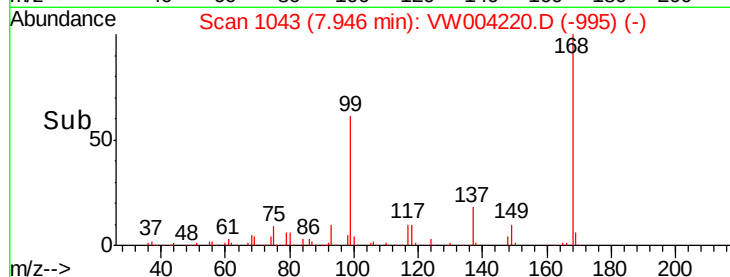
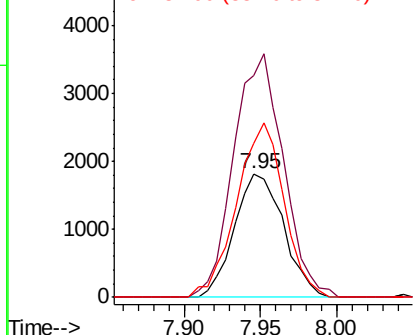
#31
Cyclohexane
Concen: 1.241 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004220.D
Acq: 26 Jul 2018 03:41

Instrument :
MSVOA_W
ClientSampleId :
CON-SB-07-9-11

Tgt Ion: 56 Resp: 4048
Ion Ratio Lower Upper
56 100
69 180.1 27.8 41.8#
84 124.4 67.2 100.8#

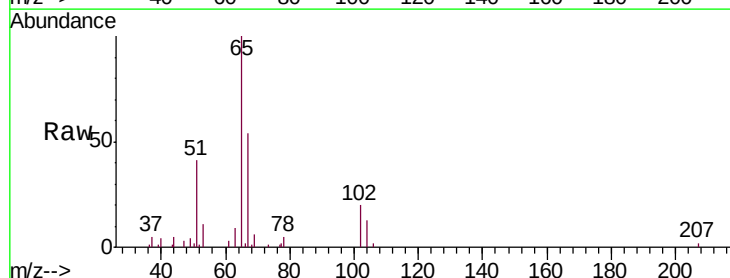


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

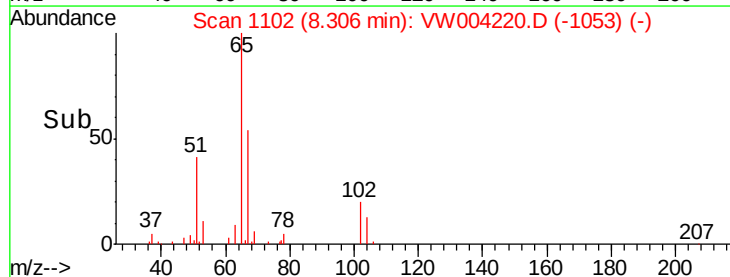
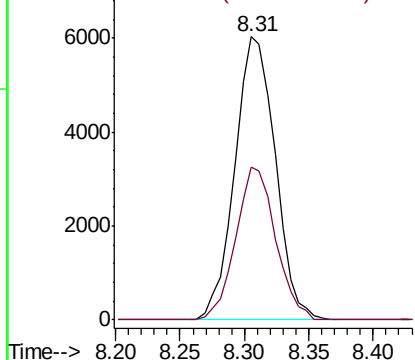


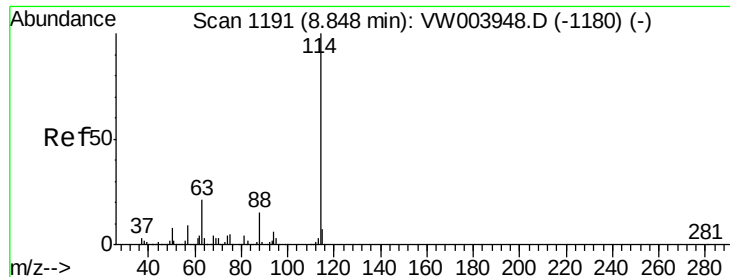
#33
1,2-Dichloroethane-d4
Concen: 6.685 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW004220.D
Acq: 26 Jul 2018 03:41

Tgt Ion: 65 Resp: 13140
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

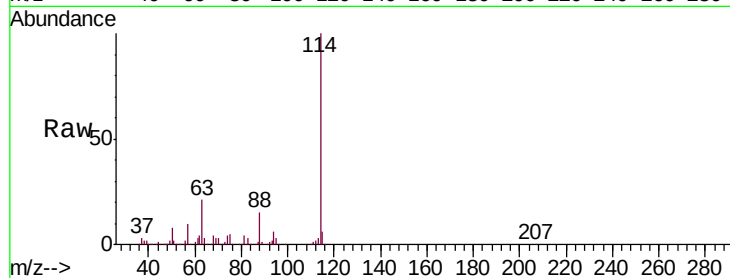




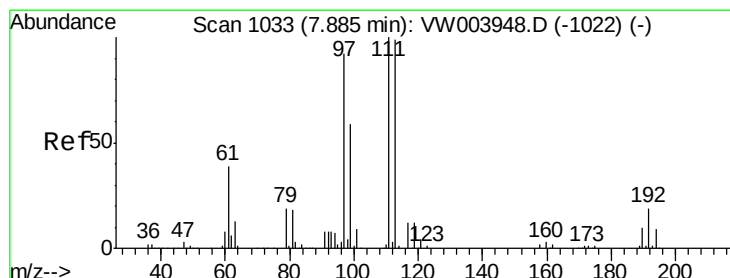
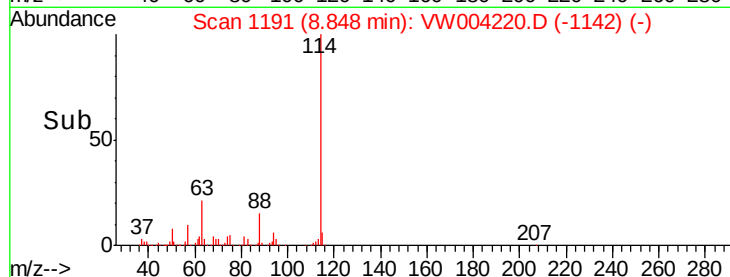
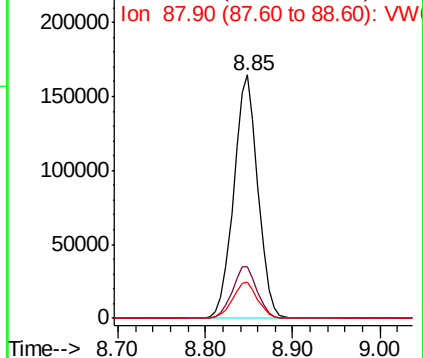
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004220.D
 Acq: 26 Jul 2018 03:41

Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-07-9-11

Tgt Ion:114 Resp: 314864
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.8
 88 15.1 0.0 30.4

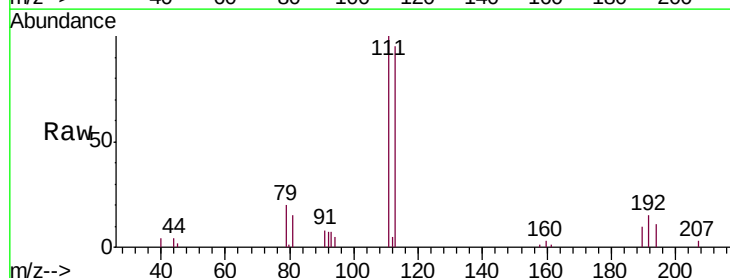


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

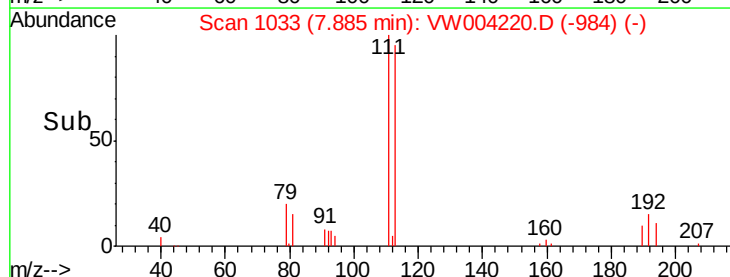
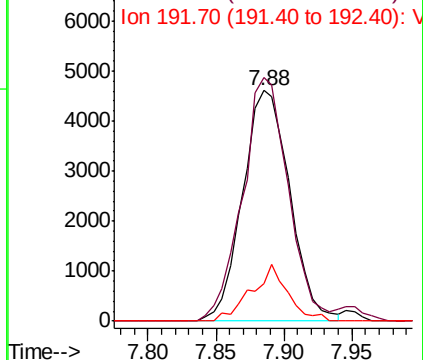


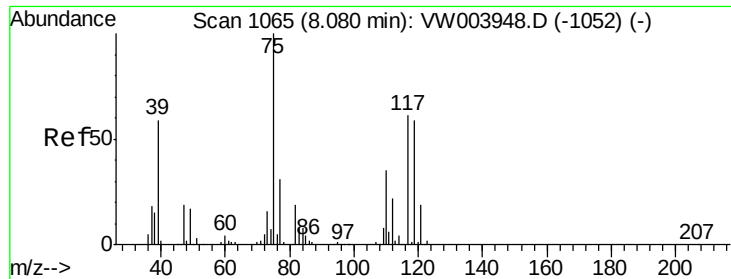
#35
 Dibromofluoromethane
 Concen: 5.564 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004220.D
 Acq: 26 Jul 2018 03:41

Tgt Ion:113 Resp: 11241
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.3 121.9
 192 18.9 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

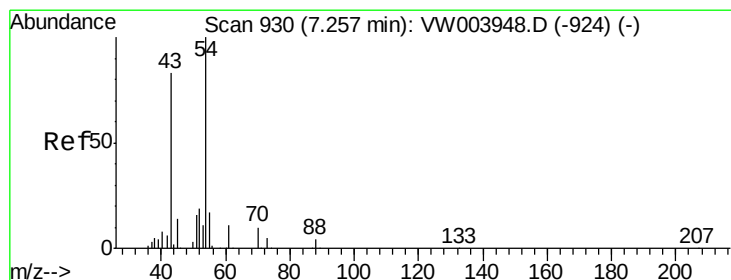
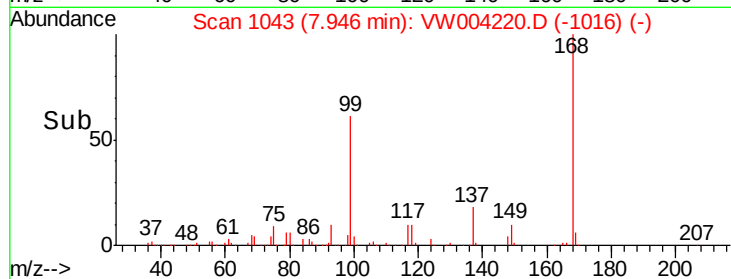
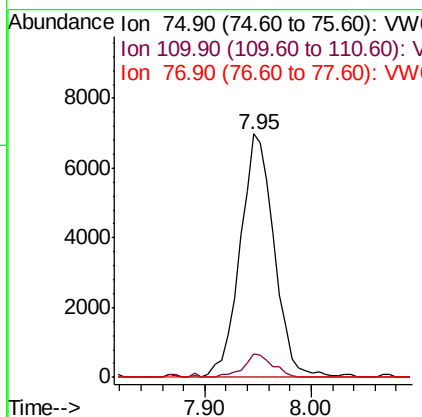
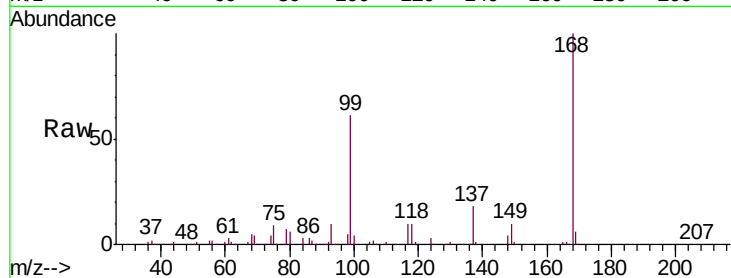




#36
 1,1-Dichloropropene
 Concen: 4.825 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004220.D
 Acq: 26 Jul 2018 03:41

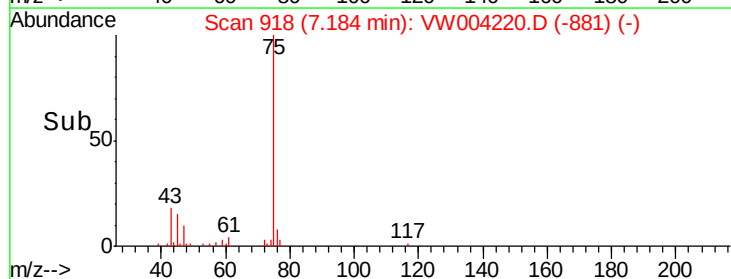
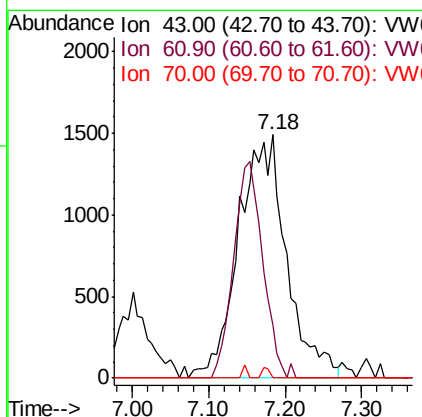
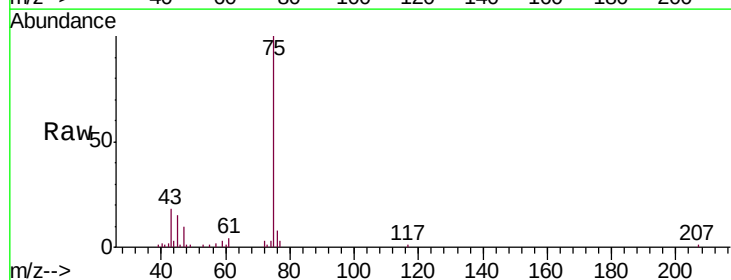
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 MSVOA_W
 ClientSampleId :
 CON-SB-07-9-11

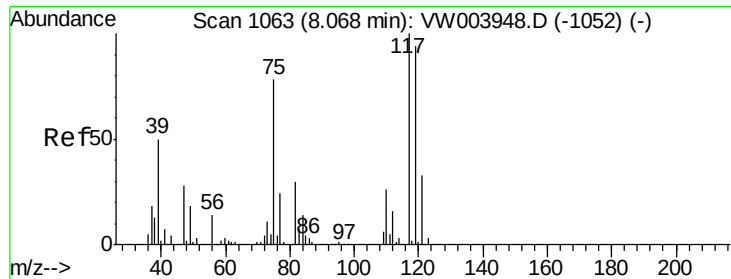
Tgt Ion: 75 Resp: 15631
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.0 51.0#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 4.154 ug/l
 RT: 7.18 min Scan# 918
 Delta R.T. -0.07 min
 Lab File: VW004220.D
 Acq: 26 Jul 2018 03:41

Tgt Ion: 43 Resp: 6491
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.7 16.1#
 70 0.7 7.7 11.5#





#38

Carbon Tetrachloride

Concen: 5.786 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW004220.D

Acq: 26 Jul 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

CON-SB-07-9-11

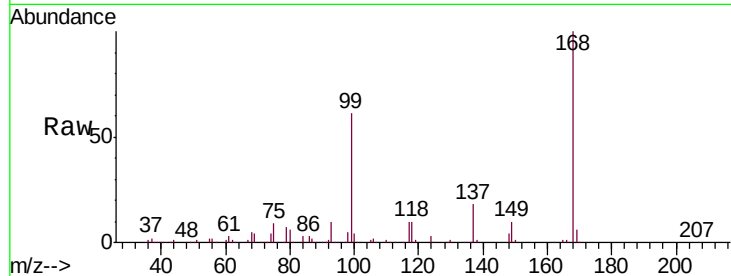
Tgt Ion:117 Resp: 17515

Ion Ratio Lower Upper

117 100

119 6.5 75.3 112.9#

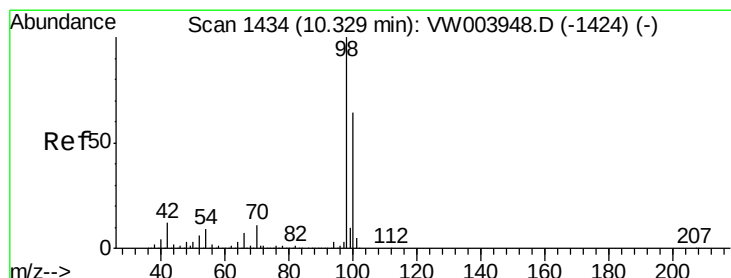
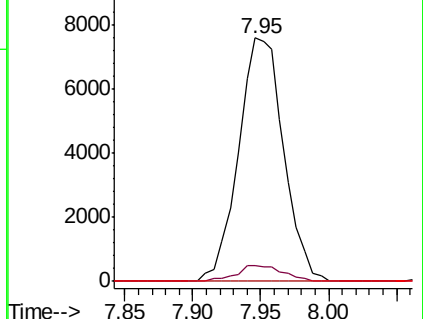
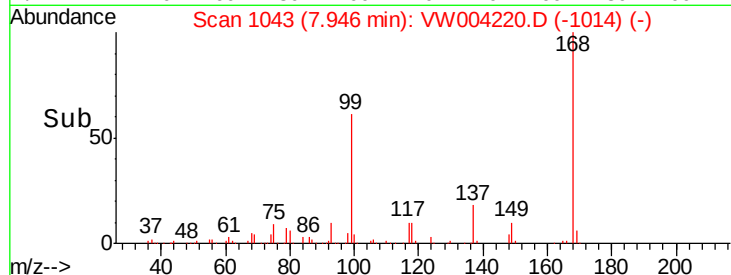
121 0.0 26.0 39.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 3.937 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VW004220.D

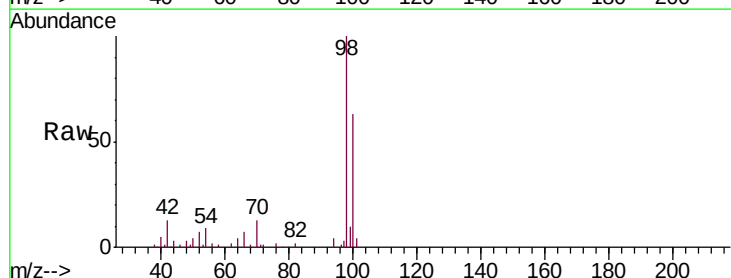
Acq: 26 Jul 2018 03:41

Tgt Ion: 98 Resp: 30866

Ion Ratio Lower Upper

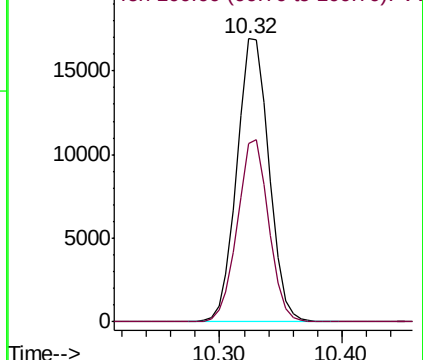
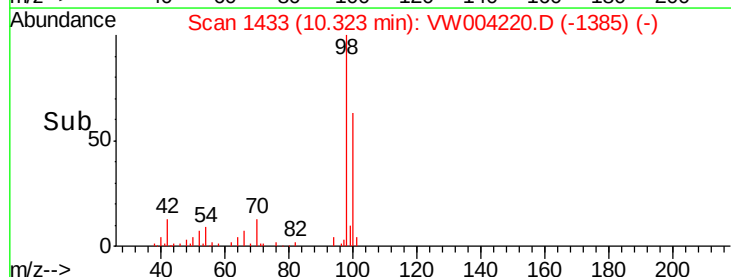
98 100

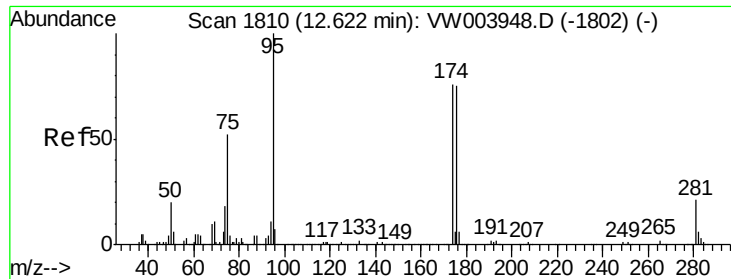
100 62.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

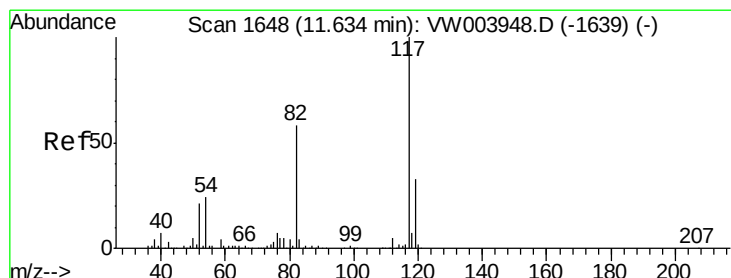
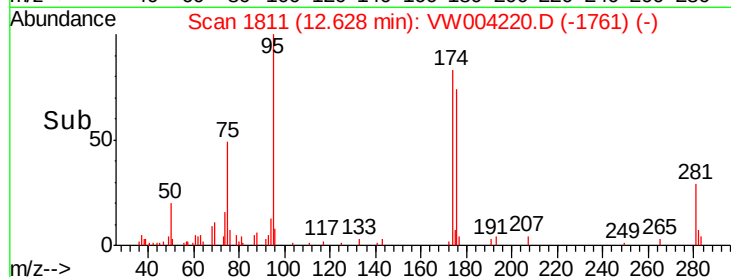
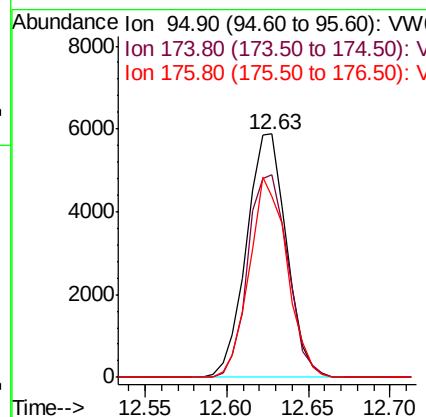
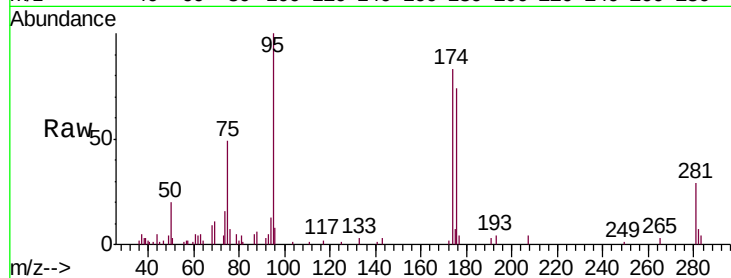




#62
4-Bromofluorobenzene
Concen: 3.561 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004220.D
Acq: 26 Jul 2018 03:41

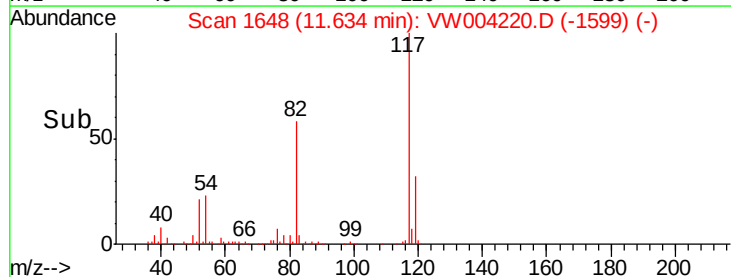
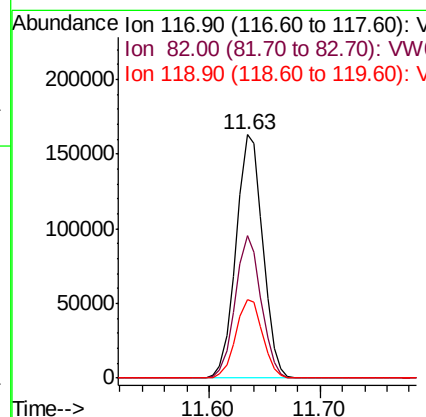
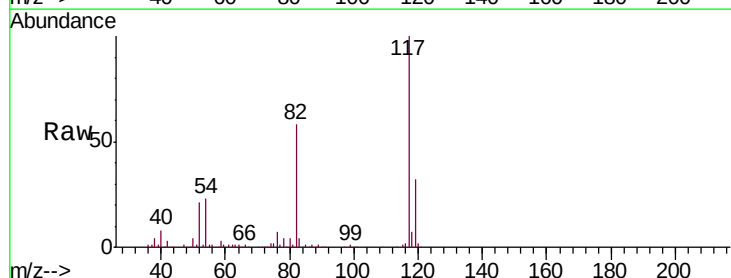
Instrument :
MSVOA_W
ClientSampleId :
CON-SB-07-9-11

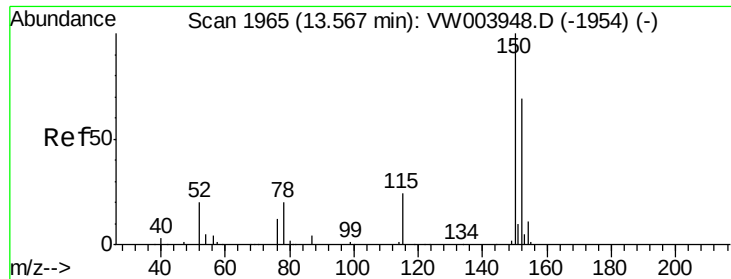
Tgt Ion: 95 Resp: 10065
Ion Ratio Lower Upper
95 100
174 83.0 0.0 160.2
176 77.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004220.D
Acq: 26 Jul 2018 03:41

Tgt Ion: 117 Resp: 271166
Ion Ratio Lower Upper
117 100
82 58.4 46.5 69.7
119 32.4 26.2 39.2



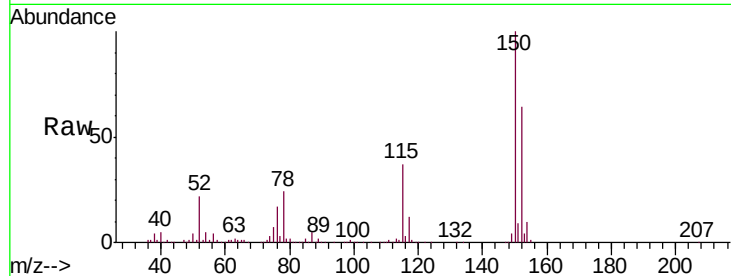


#72

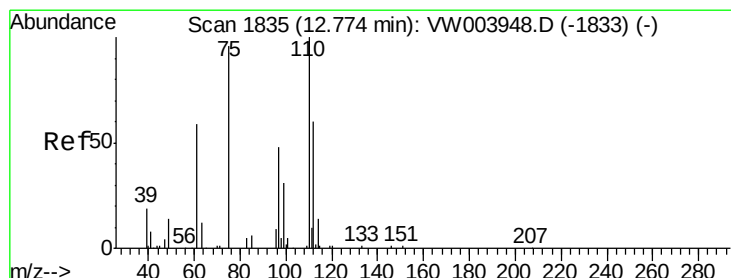
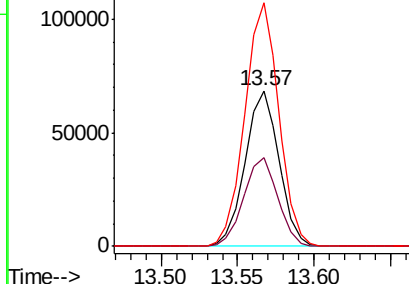
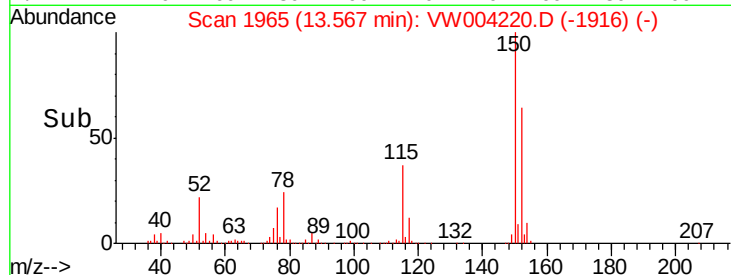
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004220.D
Acq: 26 Jul 2018 03:41

Instrument :
MSVOA_W
ClientSampleId :
CON-SB-07-9-11

Tgt Ion:152 Resp: 105729
Ion Ratio Lower Upper
152 100
115 57.3 29.2 87.6
150 156.4 0.0 345.2



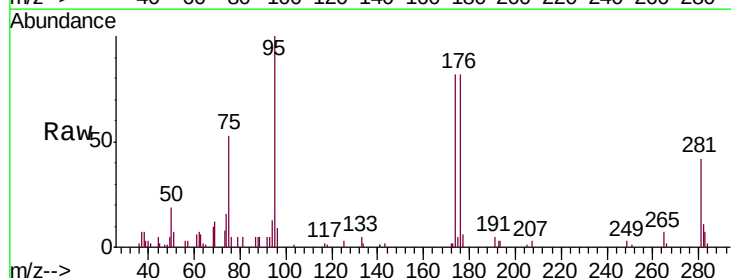
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



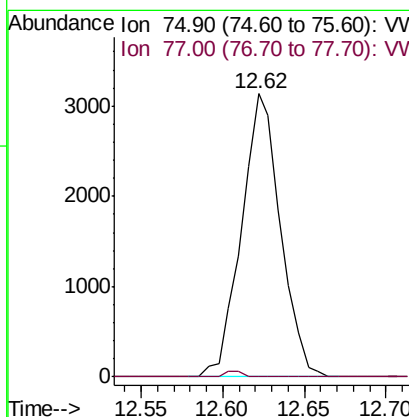
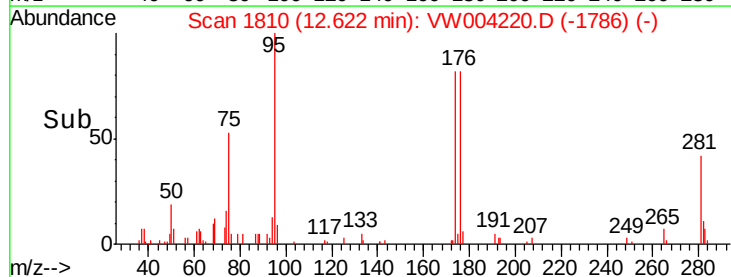
#76

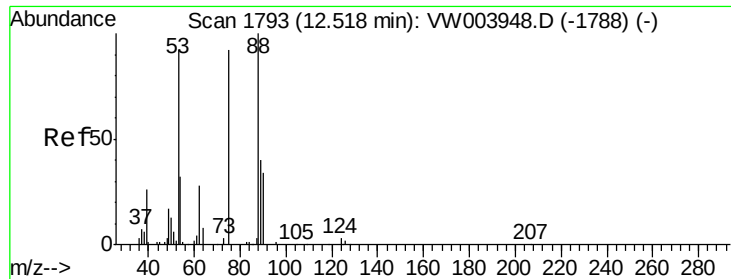
1,2,3-Trichloropropane
Concen: 4.965 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004220.D
Acq: 26 Jul 2018 03:41

Tgt Ion: 75 Resp: 5212
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 10.984 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004220.D

Acq: 26 Jul 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

CON-SB-07-9-11

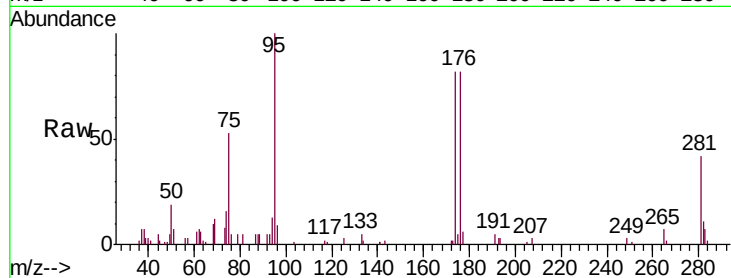
Tgt Ion: 75 Resp: 5212

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

