

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004143.D
 Acq On : 23 Jul 2018 17:47
 Operator : SY/AP
 Sample : J4026-01
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 04:45:24 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	142556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	240453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	206124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	79812	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	967	0.61	ug/l	0.00
Spiked Amount			Recovery	=	1.22%	
35) Dibromofluoromethane	7.88	113	1060	0.69	ug/l	0.00
Spiked Amount			Recovery	=	1.38%	
50) Toluene-d8	10.33	98	2715	0.45	ug/l	0.00
Spiked Amount			Recovery	=	0.90%	
62) 4-Bromofluorobenzene	12.63	95	951	0.44	ug/l	0.00
Spiked Amount			Recovery	=	0.88%	

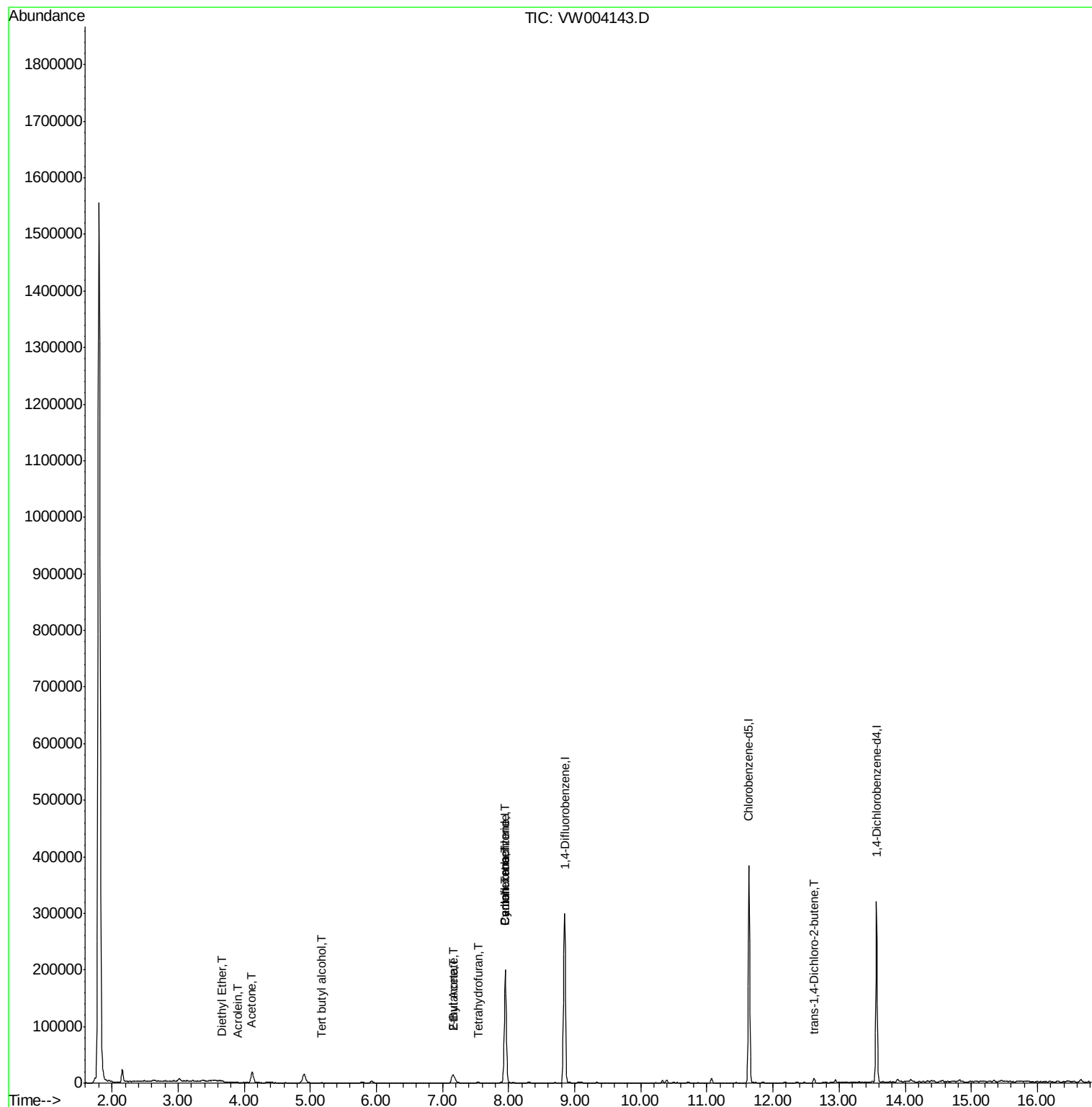
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	994	1.407	ug/l #	34
11) Tert butyl alcohol	5.17	59	359	3.264	ug/l #	72
13) Acrolein	3.90	56	280	2.477	ug/l	93
16) Acetone	4.12	43	33216	86.745	ug/l	98
20) Methylene Chloride	4.90	84	12389	Below Cal		96
25) 2-Butanone	7.18	43	10718	20.800	ug/l	99
29) Tetrahydrofuran	7.54	42	537	1.673	ug/l #	46
31) Cyclohexane	7.95	56	3813	1.442	ug/l #	1
37) Ethyl Acetate	7.18	43	10718	8.982	ug/l #	70
38) Carbon Tetrachloride	7.95	117	14646	6.336	ug/l #	17
81) trans-1,4-Dichloro-2-buten	12.63	75	604	1.686	ug/l #	11

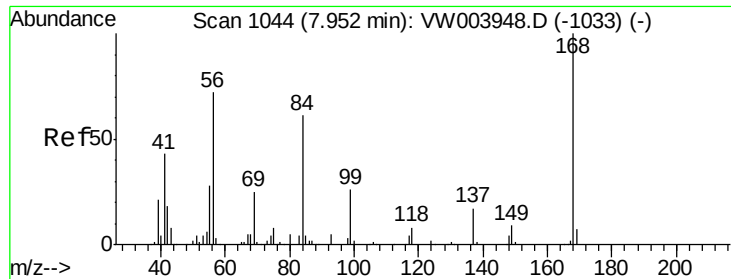
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
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Misc : 5.05G/5ML/MSVOA W/SOIL
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Instrument :
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ClientSampleId :

Quant Time: Jul 24 04:45:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004143.D

Acq: 23 Jul 2018 17:47

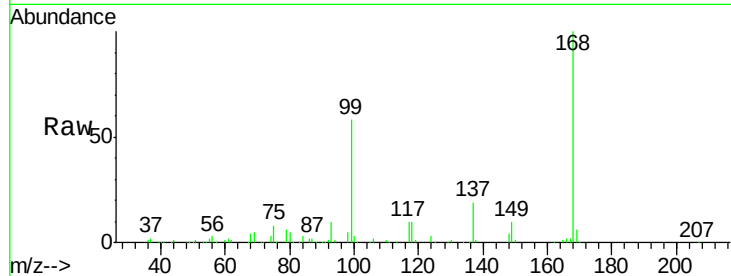
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 142556

Ion Ratio Lower Upper

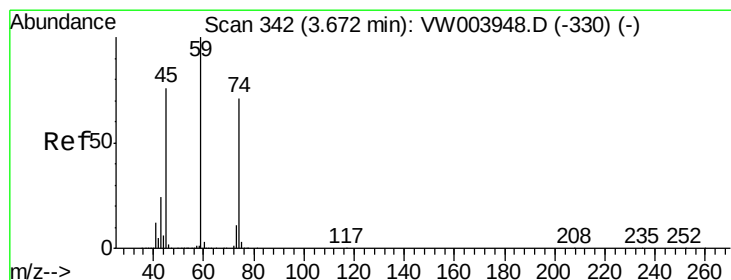
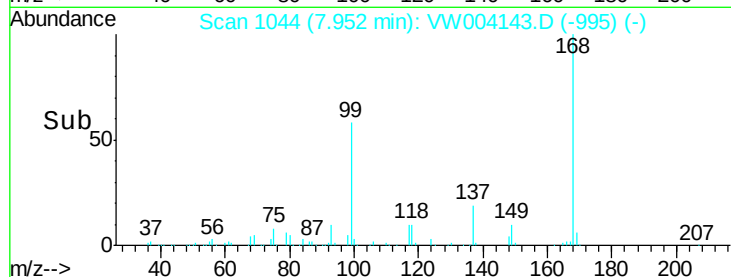
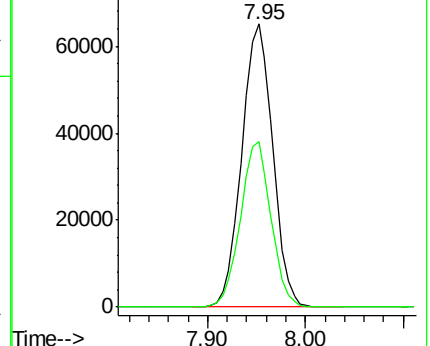
168 100

99 58.4 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.407 ug/l

RT: 3.67 min Scan# 342

Delta R.T. 0.00 min

Lab File: VW004143.D

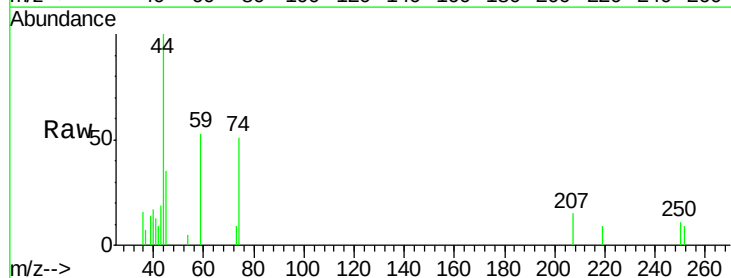
Acq: 23 Jul 2018 17:47

Tgt Ion: 74 Resp: 994

Ion Ratio Lower Upper

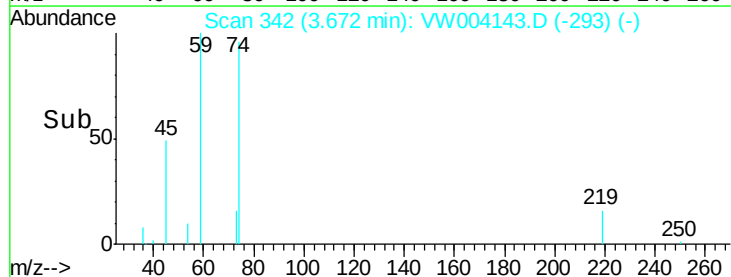
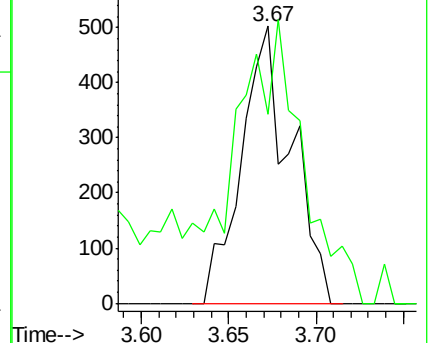
74 100

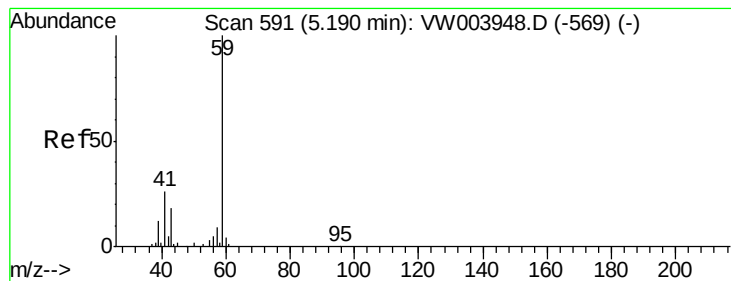
45 38.5 53.8 161.4#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



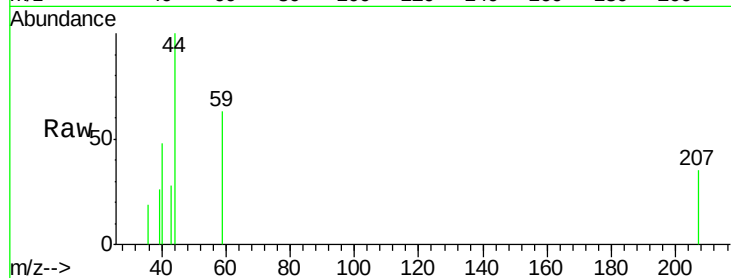


#11

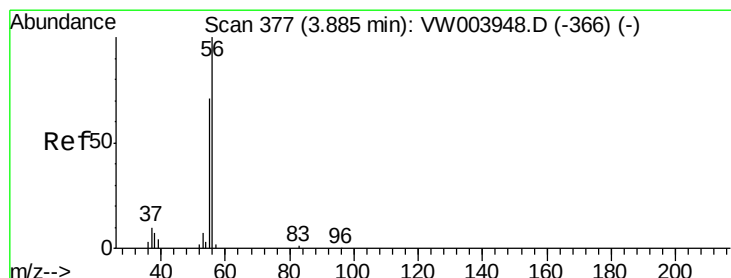
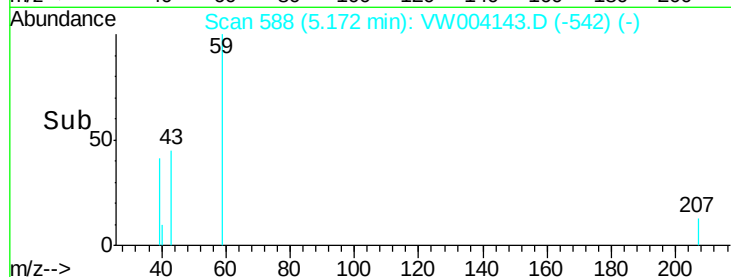
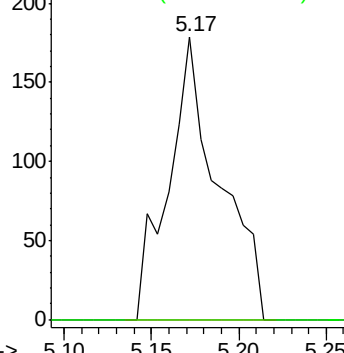
Tert butyl alcohol
 Concen: 3.264 ug/l
 RT: 5.17 min Scan# 588
 Delta R.T. -0.02 min
 Lab File: VW004143.D
 Acq: 23 Jul 2018 17:47

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 59 Resp: 359
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#



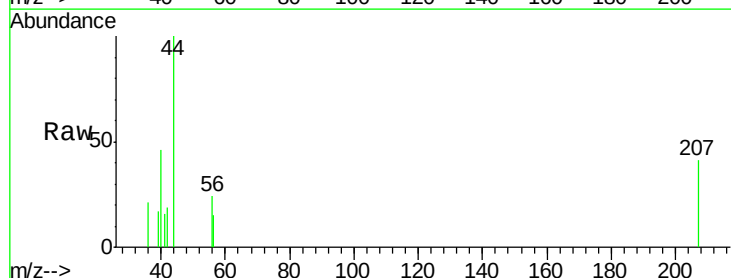
Abundance Ion 59.00 (58.70 to 59.70): VW
 Ion 57.00 (56.70 to 57.70): VW



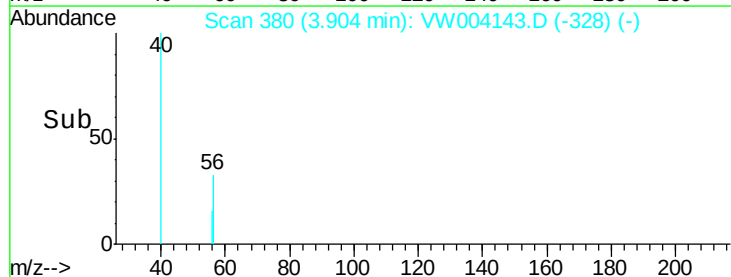
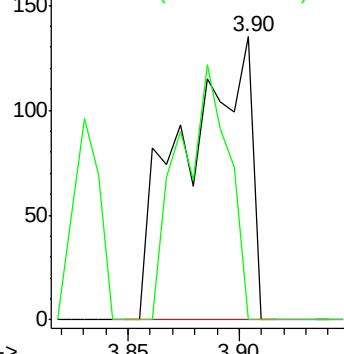
#13

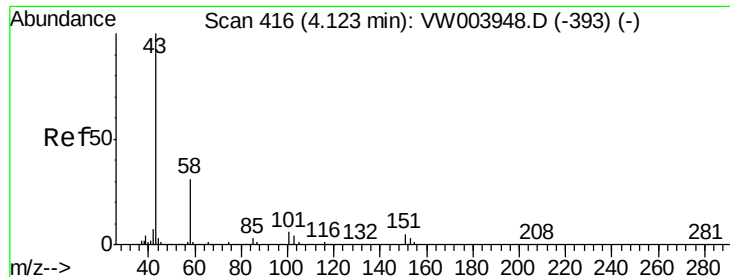
Acrolein
 Concen: 2.477 ug/l
 RT: 3.90 min Scan# 380
 Delta R.T. 0.02 min
 Lab File: VW004143.D
 Acq: 23 Jul 2018 17:47

Tgt Ion: 56 Resp: 280
 Ion Ratio Lower Upper
 56 100
 55 66.8 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VW
 Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 86.745 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW004143.D

Acq: 23 Jul 2018 17:47

Instrument :

MSVOA_W

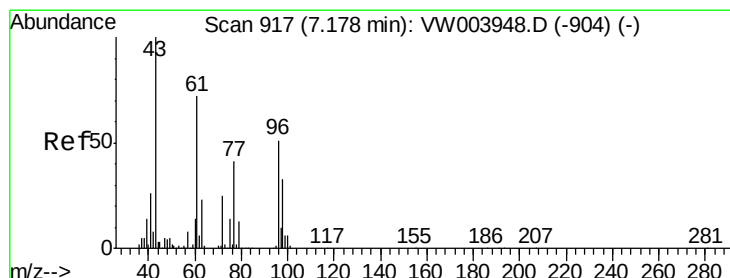
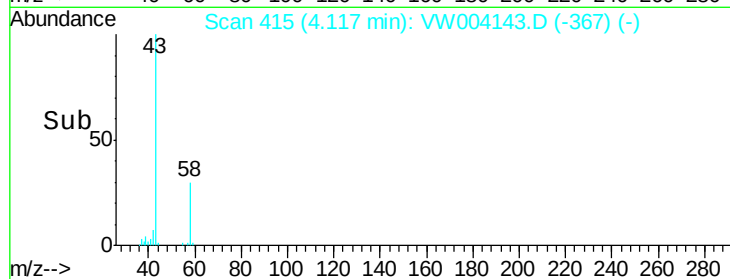
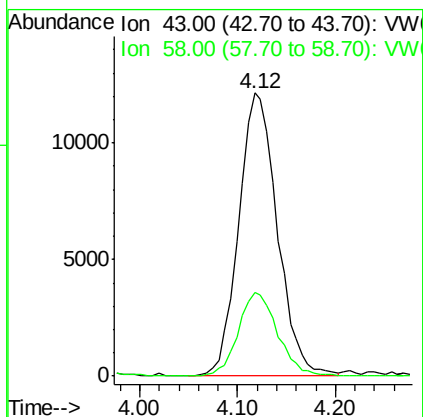
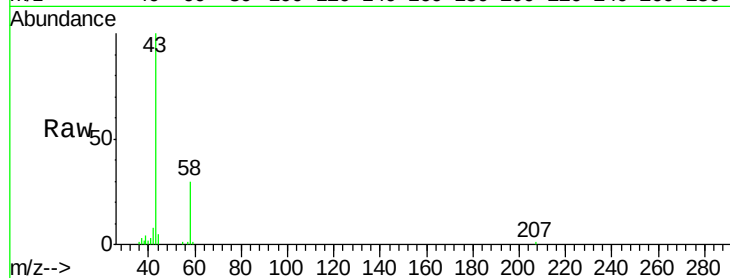
ClientSampleId :

Tot Ion: 43 Resp: 33216

Ion Ratio Lower Upper

43 100

58 29.6 24.5 36.7



#25

2-Butanone

Concen: 20.800 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004143.D

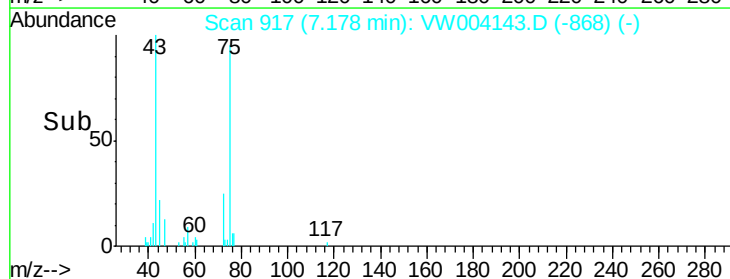
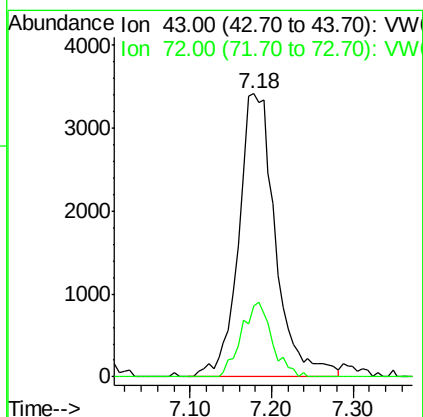
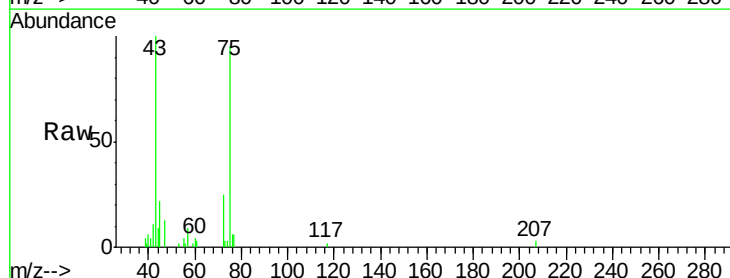
Acq: 23 Jul 2018 17:47

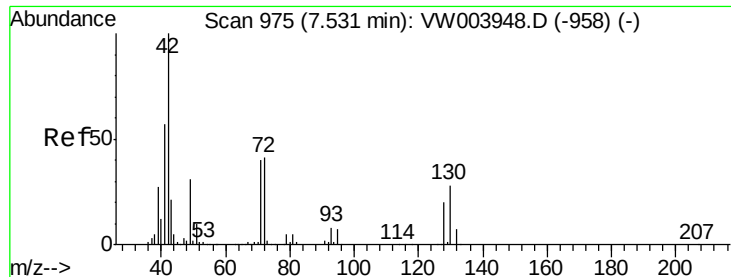
Tgt Ion: 43 Resp: 10718

Ion Ratio Lower Upper

43 100

72 25.0 19.8 29.6

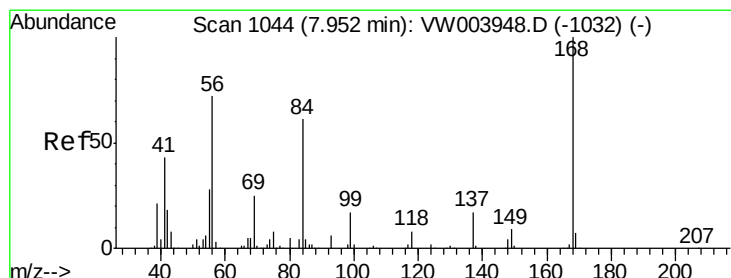
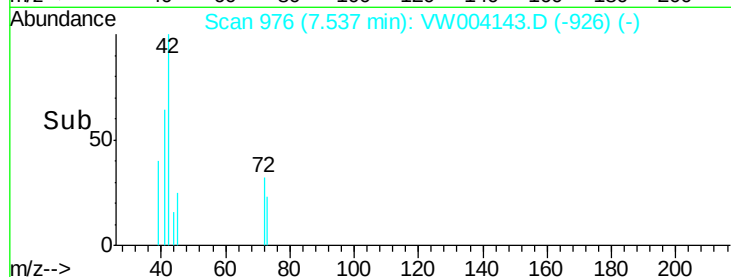
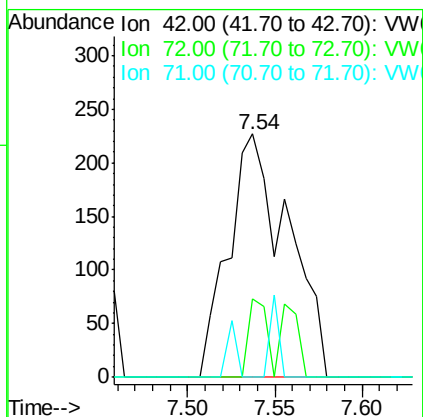
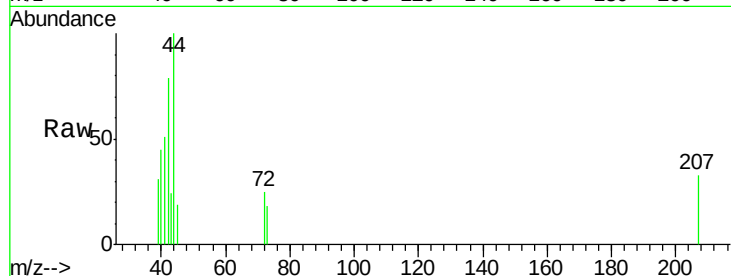




#29
Tetrahydrofuran
Concen: 1.673 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004143.D
Acq: 23 Jul 2018 17:47

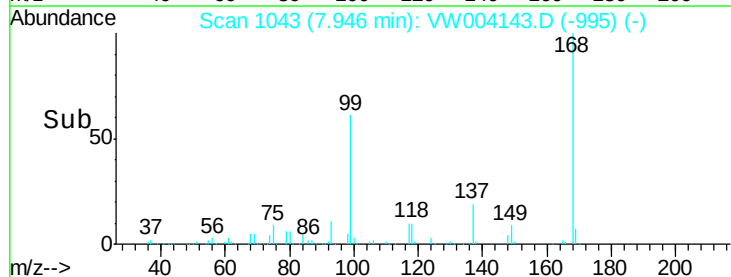
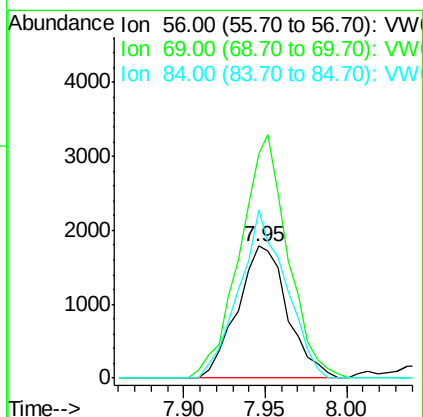
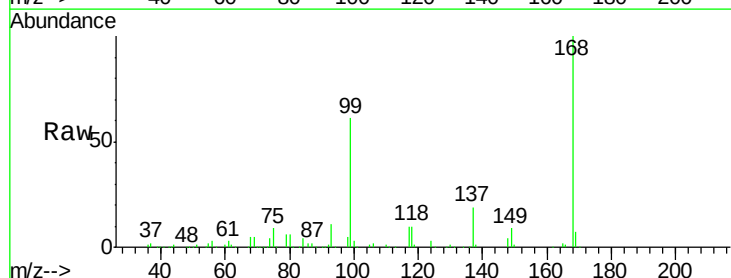
Instrument :
MSVOA_W
ClientSampled :

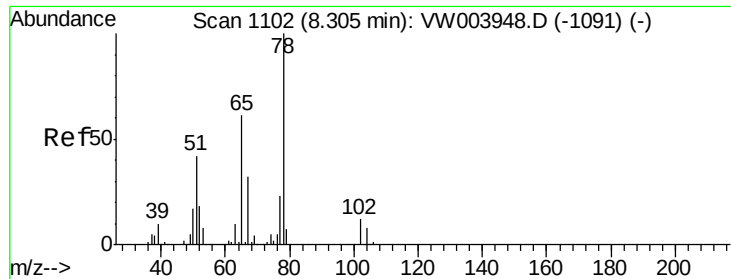
Tot Ion: 42 Resp: 537
Ion Ratio Lower Upper
42 100
72 9.5 32.6 48.8#
71 3.5 30.5 45.7#



#31
Cyclohexane
Concen: 1.442 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004143.D
Acq: 23 Jul 2018 17:47

Tgt Ion: 56 Resp: 3813
Ion Ratio Lower Upper
56 100
69 170.1 27.8 41.8#
84 127.3 67.2 100.8#

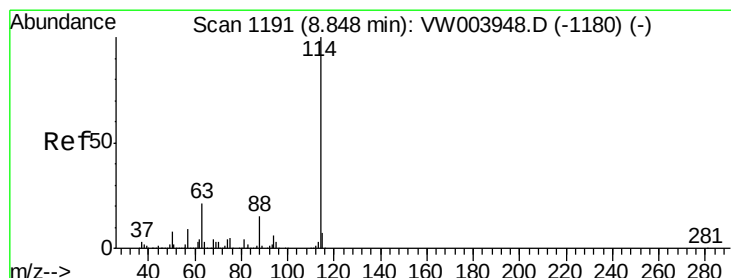
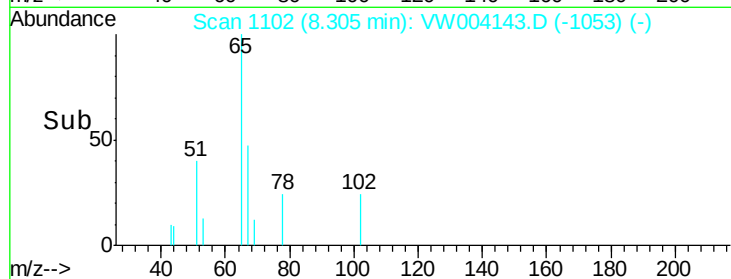
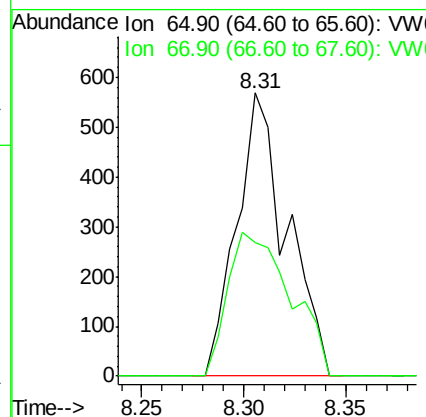
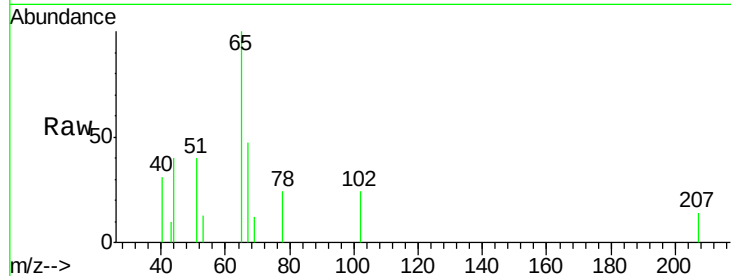




#33
 1,2-Dichloroethane-d4
 Concen: 0.607 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW004143.D
 Acq: 23 Jul 2018 17:47

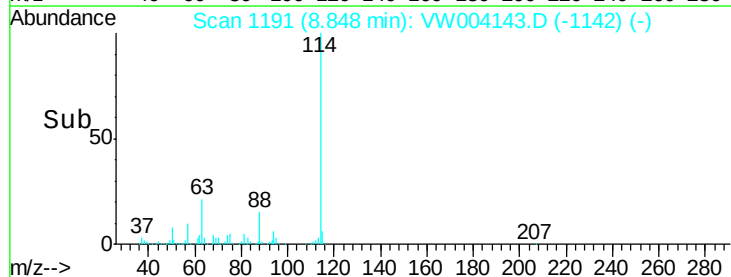
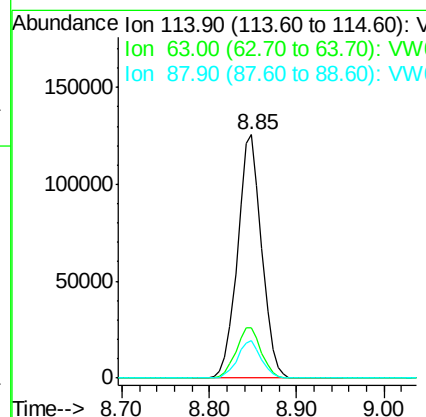
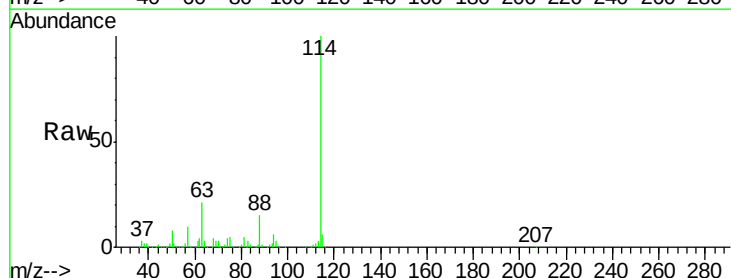
Instrument :
 MSVOA_W
 ClientSampleId :

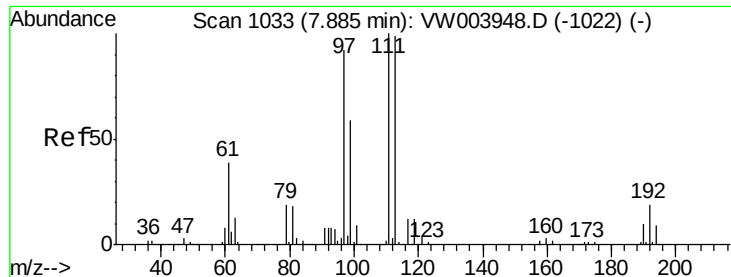
Tot Ion: 65 Resp: 967
 Ion Ratio Lower Upper
 65 100
 67 64.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004143.D
 Acq: 23 Jul 2018 17:47

Tgt Ion: 114 Resp: 240453
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 15.3 0.0 30.4

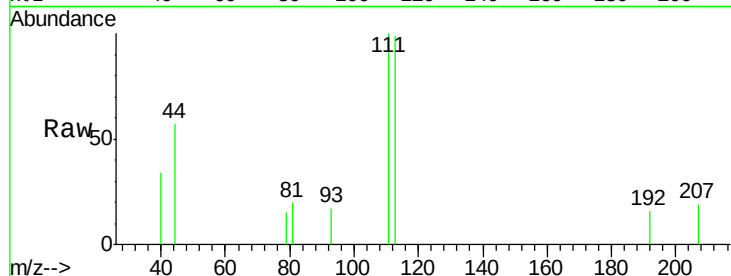




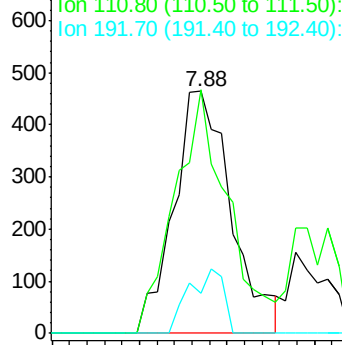
#35
Dibromofluoromethane
Concen: 0.687 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW004143.D
Acq: 23 Jul 2018 17:47

Instrument :
MSVOA_W
ClientSampled :

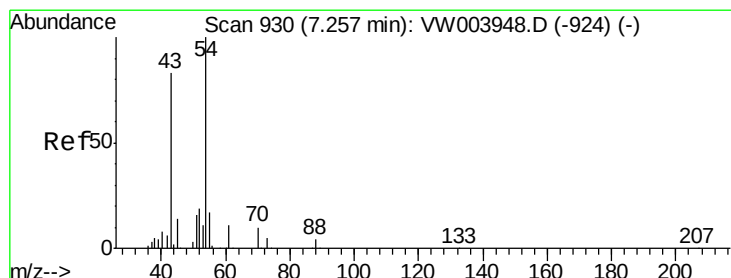
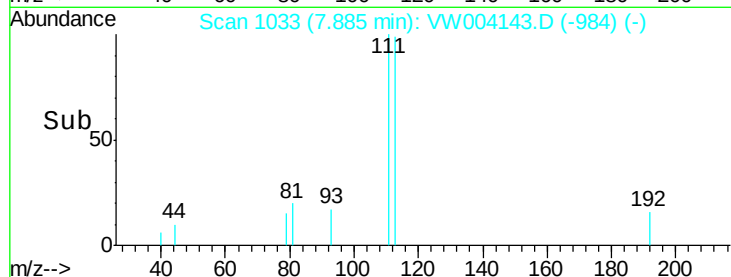
Tot Ion:113 Resp: 1060
Ion Ratio Lower Upper
113 100
111 92.9 81.3 121.9
192 15.8 15.8 23.6



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

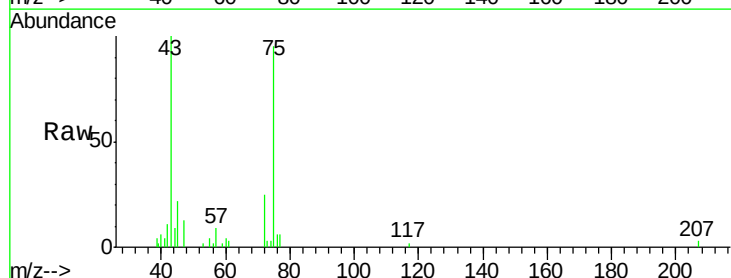


Time--> 7.80 7.85 7.90 7.95

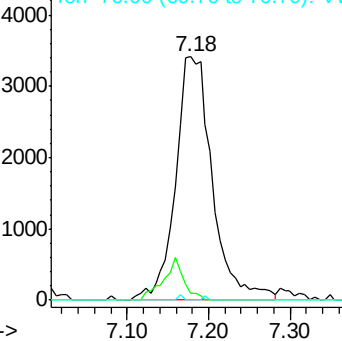


#37
Ethyl Acetate
Concen: 8.982 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.08 min
Lab File: VW004143.D
Acq: 23 Jul 2018 17:47

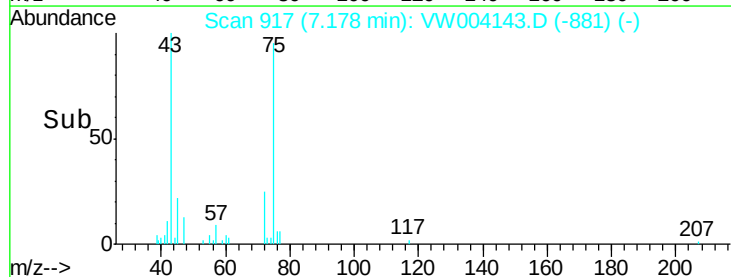
Tgt Ion: 43 Resp: 10718
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.2 7.7 11.5#

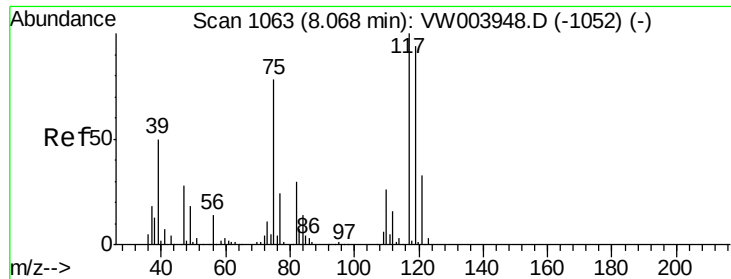


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



Time--> 7.10 7.20 7.30

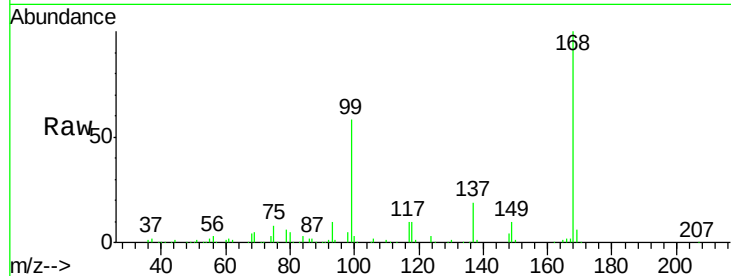




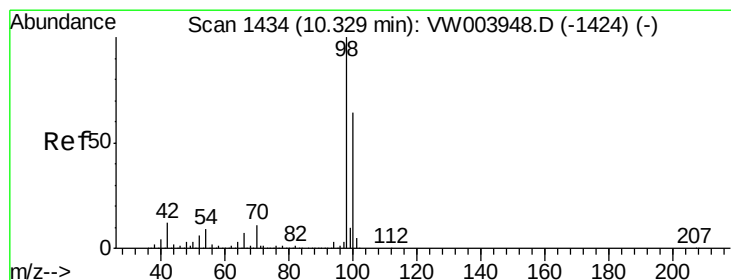
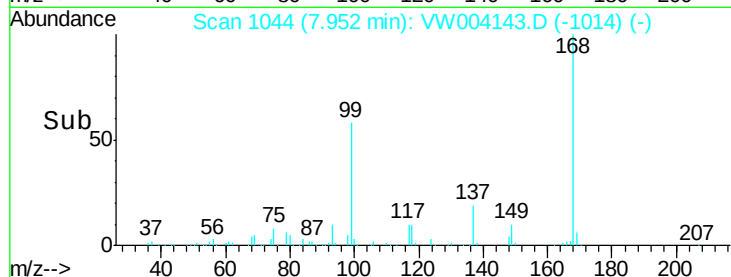
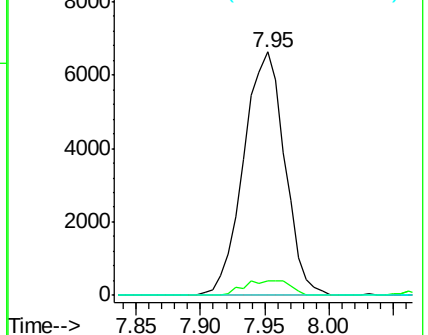
#38
Carbon Tetrachloride
Concen: 6.336 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004143.D
Acq: 23 Jul 2018 17:47

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 14646
Ion Ratio Lower Upper
117 100
119 5.9 75.3 112.9#
121 0.0 26.0 39.0#

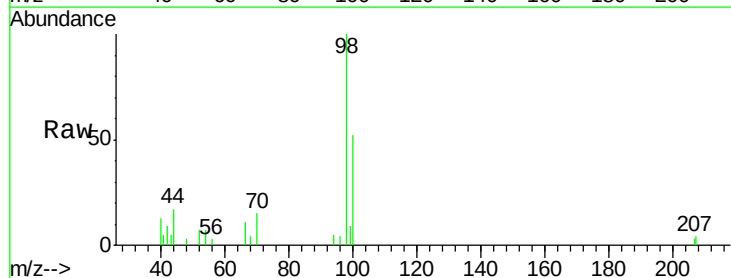


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

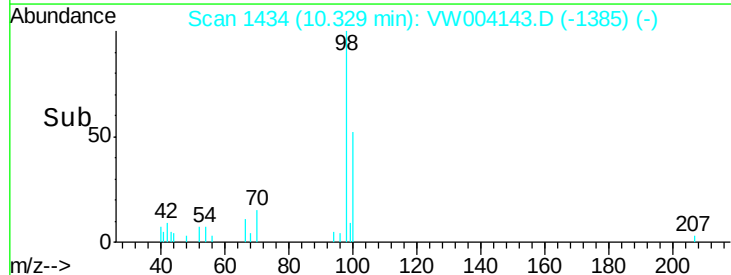
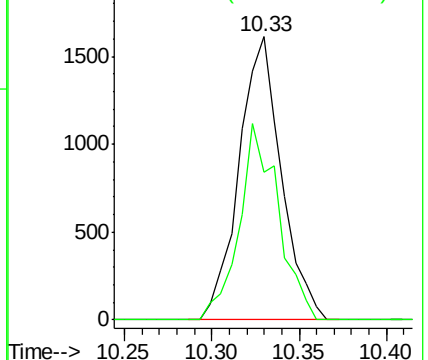


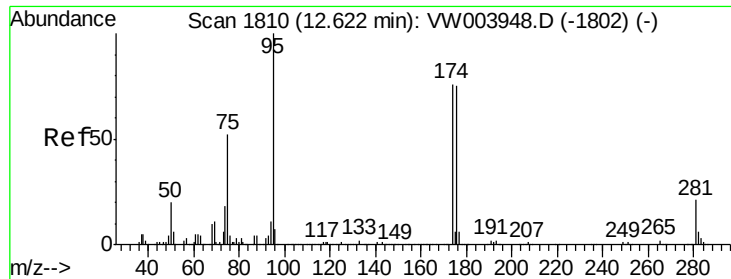
#50
Toluene-d8
Concen: 0.454 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004143.D
Acq: 23 Jul 2018 17:47

Tgt Ion: 98 Resp: 2715
Ion Ratio Lower Upper
98 100
100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

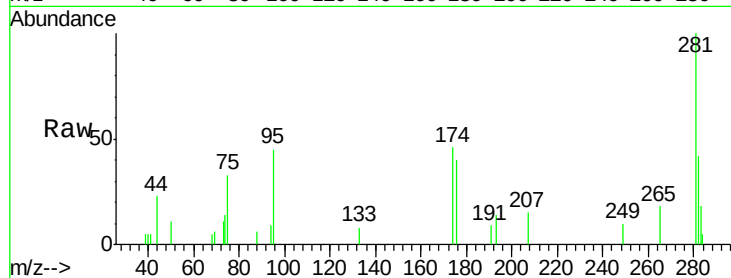




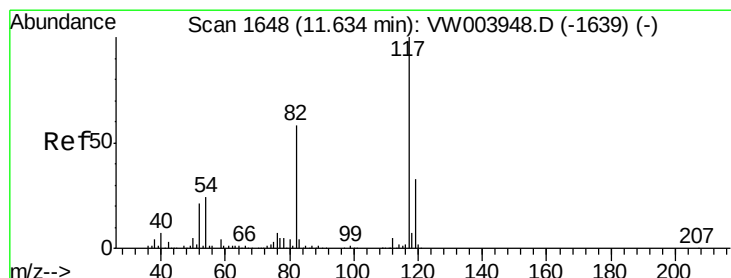
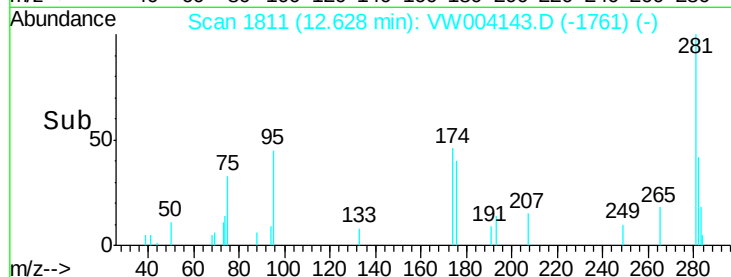
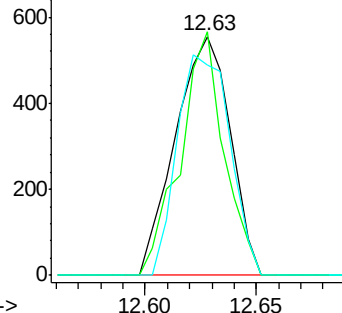
#62
4-Bromofluorobenzene
Concen: 0.441 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004143.D
Acq: 23 Jul 2018 17:47

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 951
Ion Ratio Lower Upper
95 100
174 81.3 0.0 160.2
176 88.9 0.0 155.8

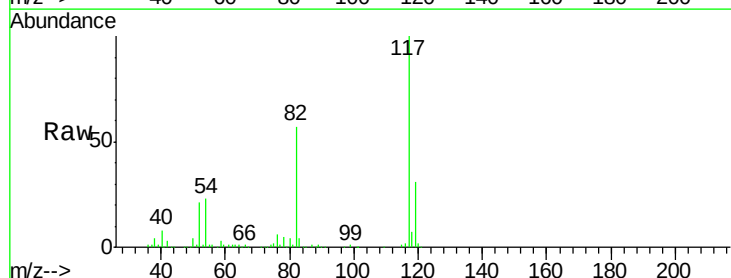


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

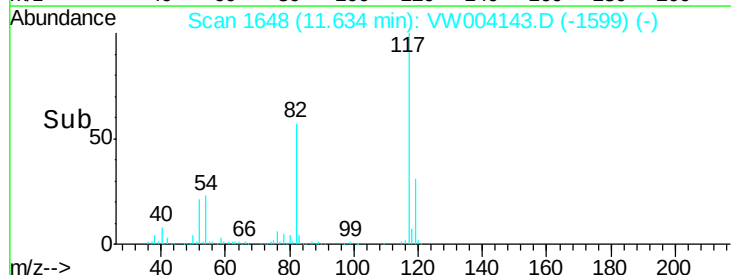
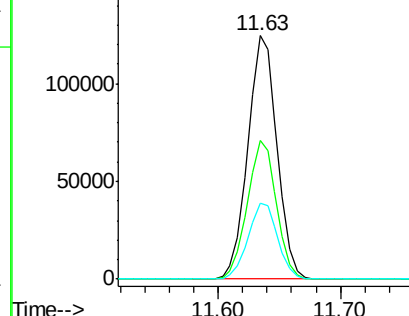


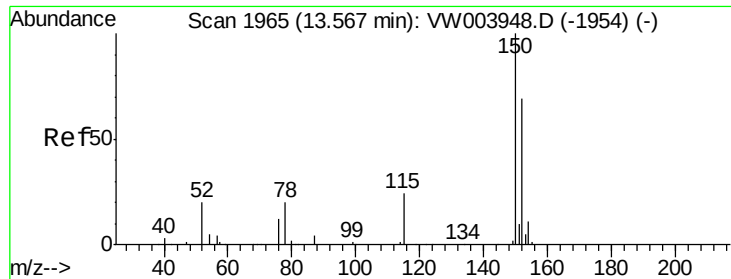
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004143.D
Acq: 23 Jul 2018 17:47

Tgt Ion: 117 Resp: 206124
Ion Ratio Lower Upper
117 100
82 57.1 46.5 69.7
119 31.4 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004143.D

Acq: 23 Jul 2018 17:47

Instrument :

MSVOA_W

ClientSampled :

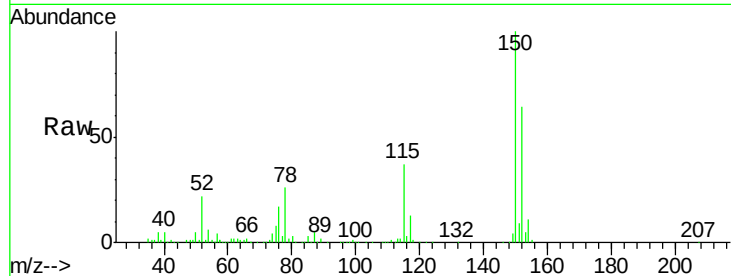
Tot Ion:152 Resp: 79812

Ion Ratio Lower Upper

152 100

115 59.6 29.2 87.6

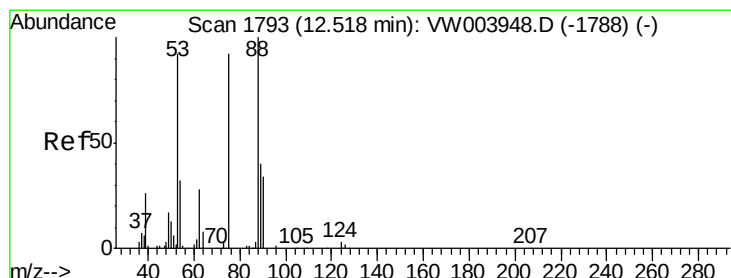
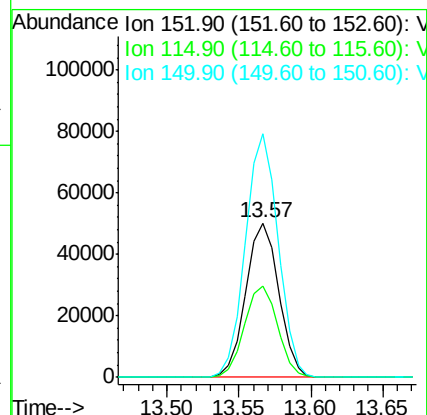
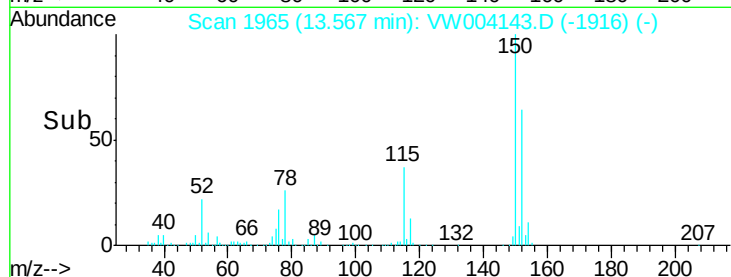
150 156.3 0.0 345.2



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



#81

trans-1,4-Dichloro-2-butene

Concen: 1.686 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW004143.D

Acq: 23 Jul 2018 17:47

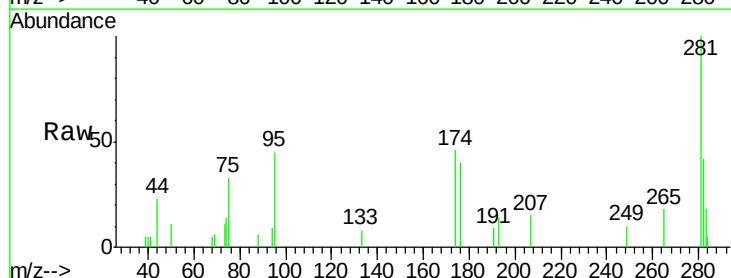
Tgt Ion: 75 Resp: 604

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

