

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004144.D
 Acq On : 23 Jul 2018 18:13
 Operator : SY/AP
 Sample : J4026-02
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 04:45:36 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	193701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	340755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	130372	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	21916	10.12	ug/l	0.00
Spiked Amount			Recovery	=	20.24%	
35) Dibromofluoromethane	7.88	113	19464	8.90	ug/l	0.00
Spiked Amount			Recovery	=	17.80%	
50) Toluene-d8	10.33	98	56010	6.60	ug/l	0.00
Spiked Amount			Recovery	=	13.20%	
62) 4-Bromofluorobenzene	12.62	95	18776	6.14	ug/l	0.00
Spiked Amount			Recovery	=	12.28%	

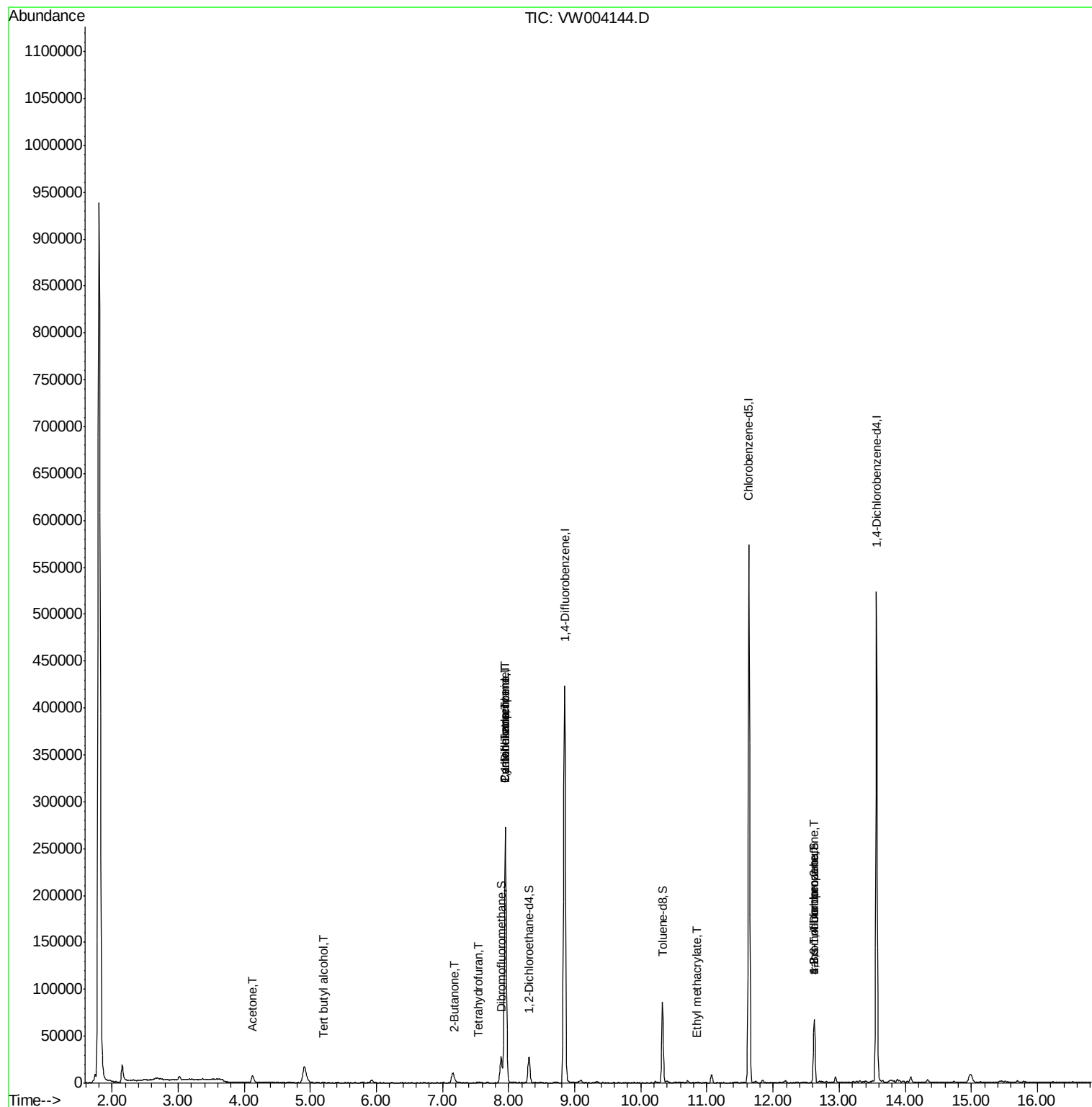
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	323	2.161	ug/l #	72
16) Acetone	4.13	43	12226	23.498	ug/l	91
20) Methylene Chloride	4.91	84	15704	Below Cal		94
25) 2-Butanone	7.18	43	2815	4.020	ug/l #	70
29) Tetrahydrofuran	7.54	42	758	1.738	ug/l #	62
31) Cyclohexane	7.95	56	5158	1.436	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15820	4.512	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18967	5.790	ug/l #	17
56) Ethyl methacrylate	10.85	69	22	2.954	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	9769	7.548	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	9769	16.695	ug/l #	12

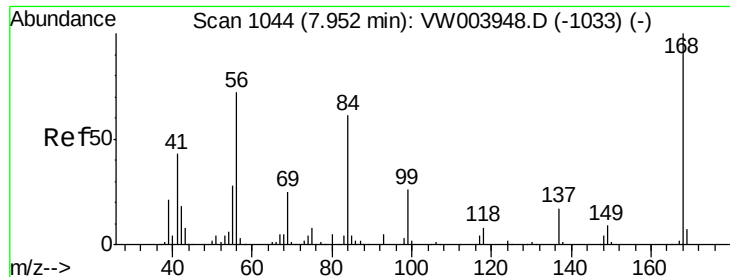
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
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Acq On : 23 Jul 2018 18:13
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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: VW004144.D

Acq: 23 Jul 2018 18:13

Instrument :

MSVOA_W

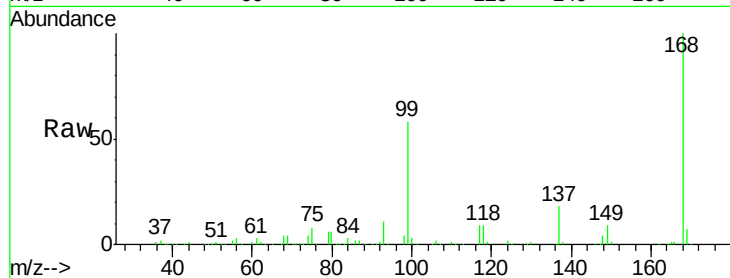
ClientSampled :

Tot Ion:168 Resp: 193701

Ion Ratio Lower Upper

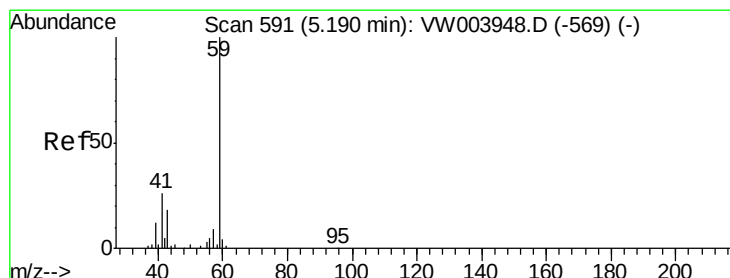
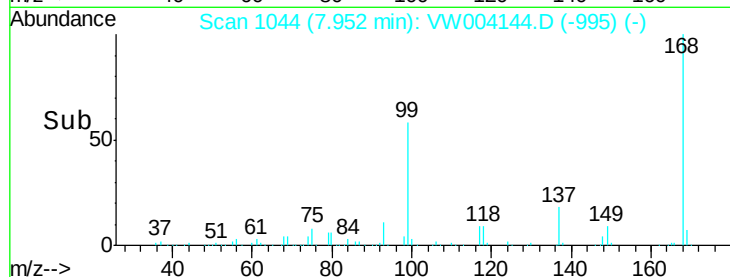
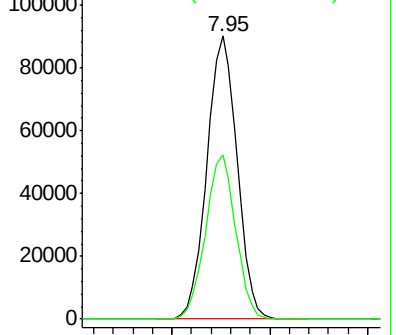
168 100

99 58.3 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.161 ug/l

RT: 5.20 min Scan# 593

Delta R.T. 0.01 min

Lab File: VW004144.D

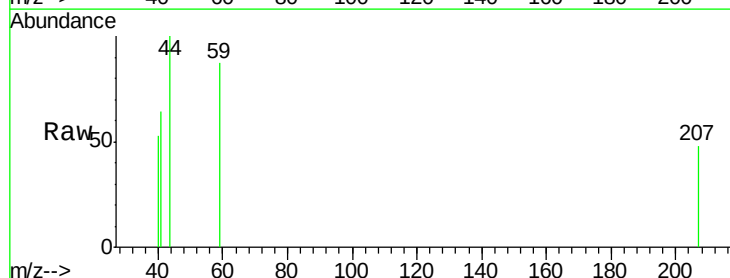
Acq: 23 Jul 2018 18:13

Tgt Ion: 59 Resp: 323

Ion Ratio Lower Upper

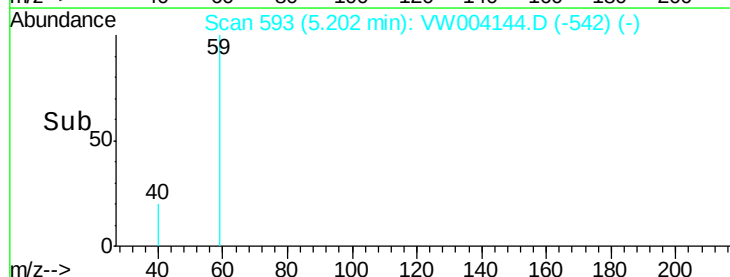
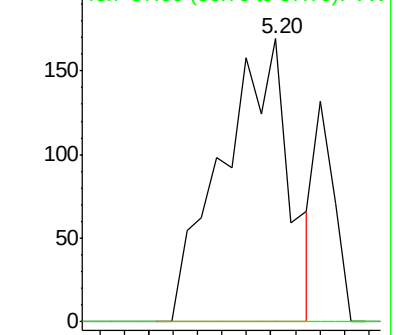
59 100

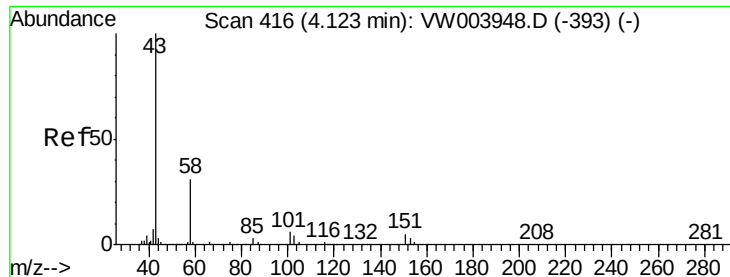
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 23.498 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004144.D

Acq: 23 Jul 2018 18:13

Instrument :

MSVOA_W

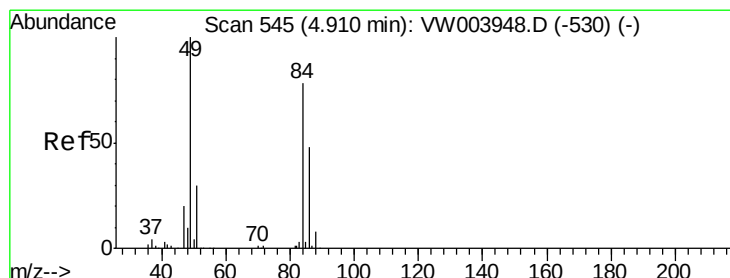
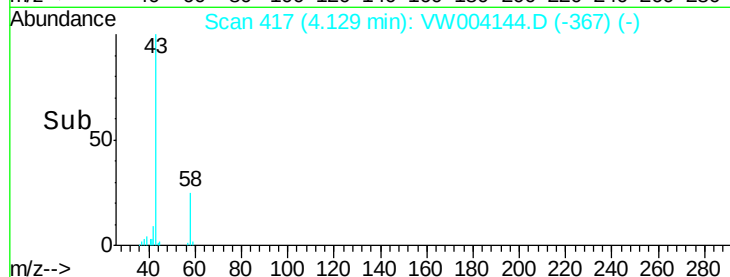
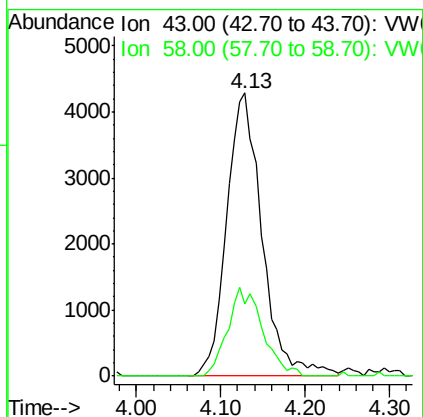
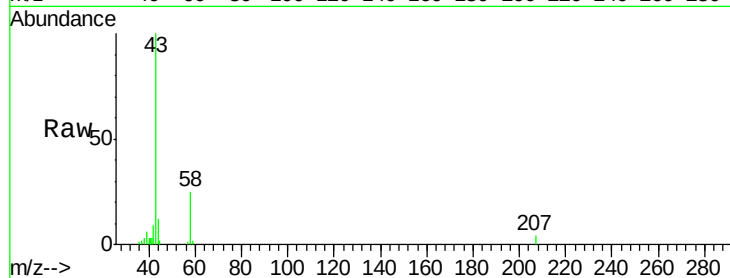
ClientSampleId :

Tot Ion: 43 Resp: 12226

Ion Ratio Lower Upper

43 100

58 25.4 24.5 36.7



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004144.D

Acq: 23 Jul 2018 18:13

Tgt Ion: 84 Resp: 15704

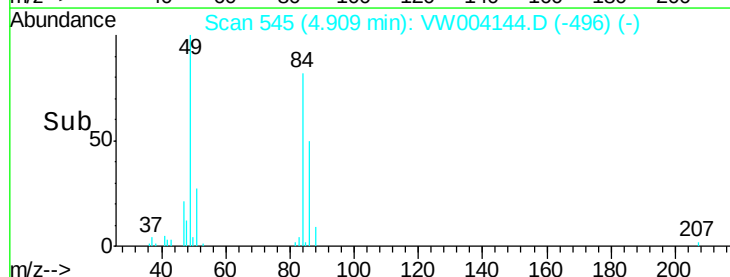
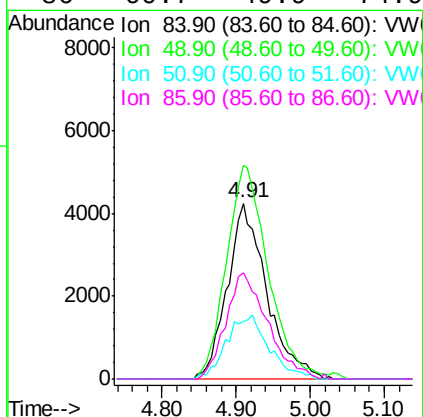
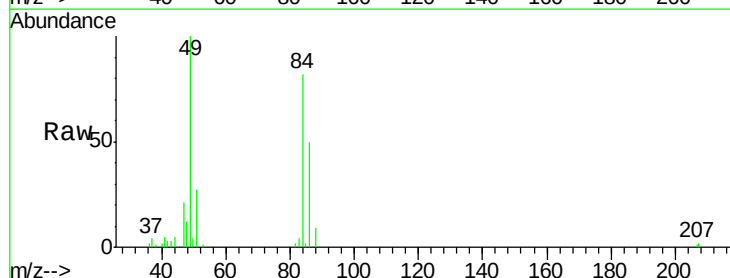
Ion Ratio Lower Upper

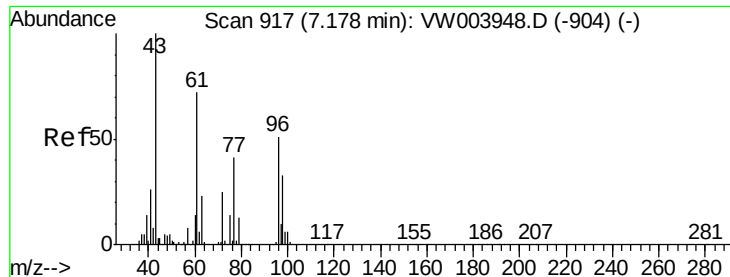
84 100

49 121.5 102.9 154.3

51 33.0 30.9 46.3

86 60.7 49.9 74.9





#25

2-Butanone

Concen: 4.020 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004144.D

Acq: 23 Jul 2018 18:13

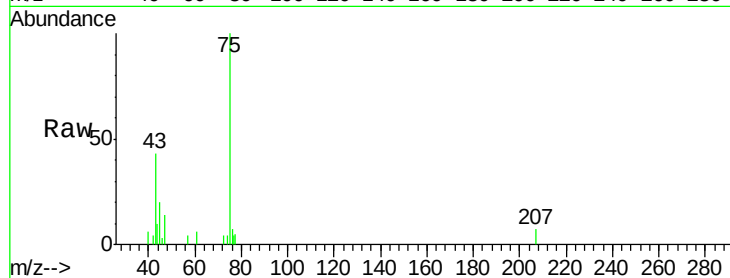
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 2815

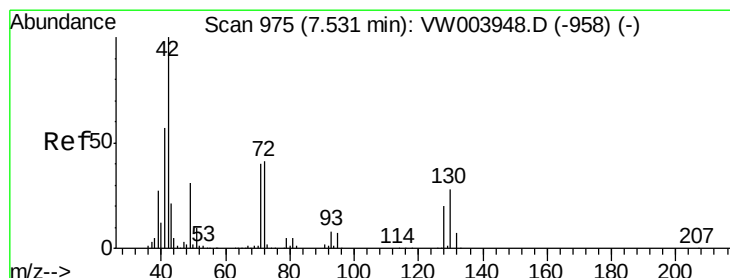
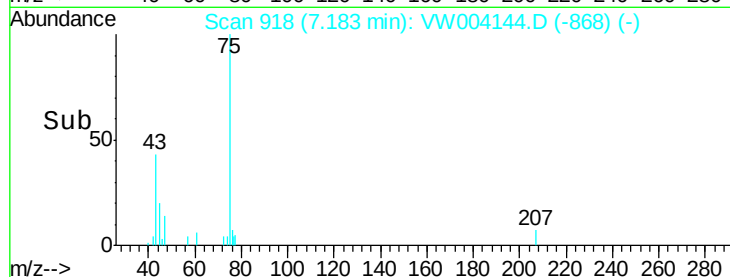
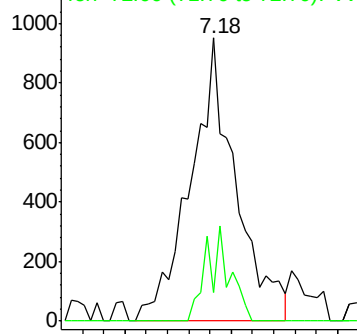
Ion Ratio Lower Upper

43 100

72 9.9 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.738 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.01 min

Lab File: VW004144.D

Acq: 23 Jul 2018 18:13

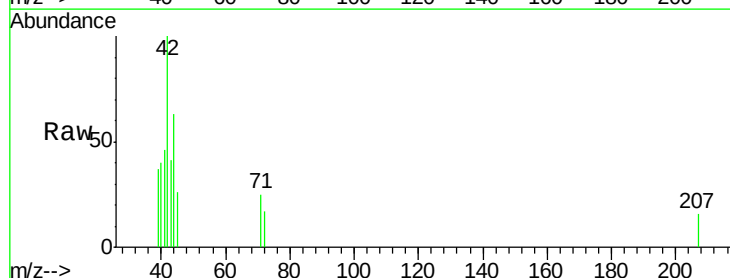
Tgt Ion: 42 Resp: 758

Ion Ratio Lower Upper

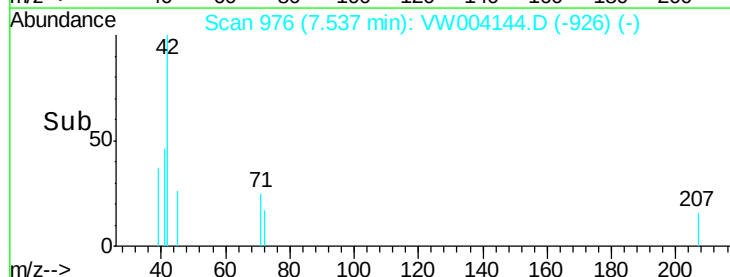
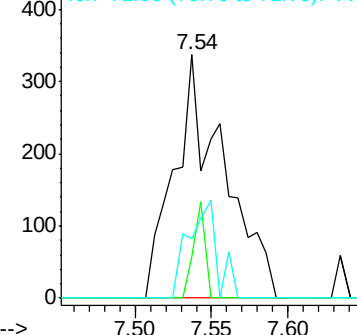
42 100

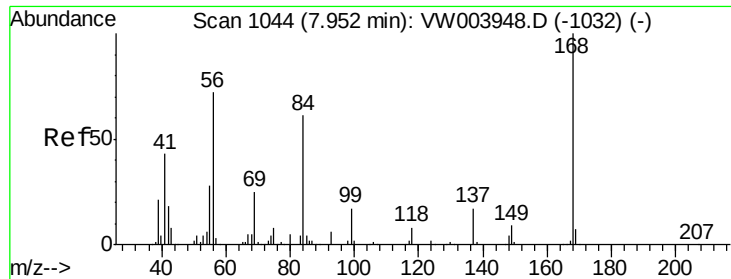
72 9.2 32.6 48.8#

71 23.4 30.5 45.7#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

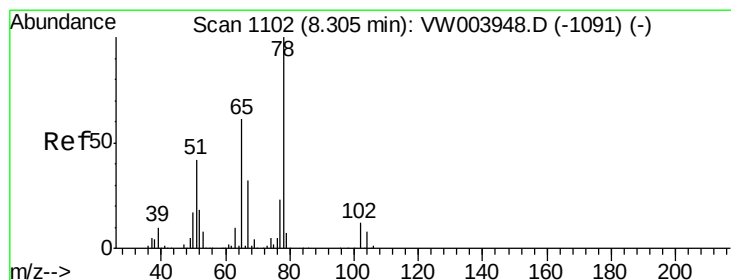
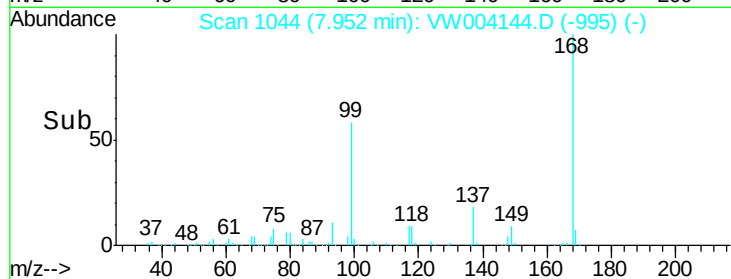
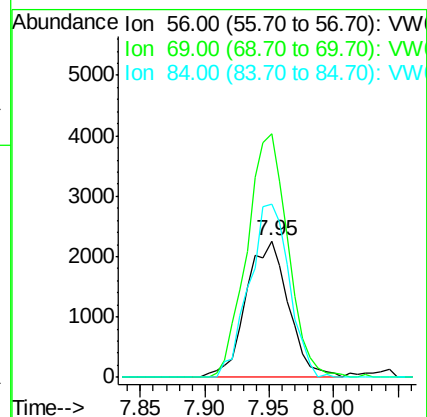
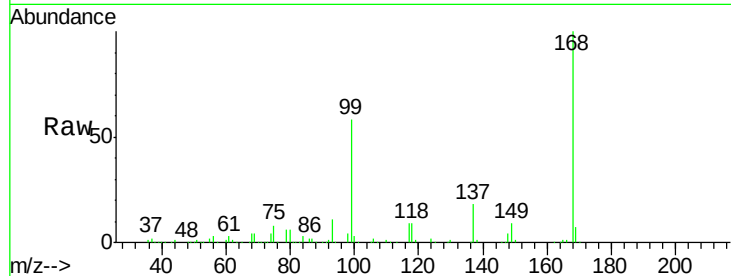




#31
Cyclohexane
Concen: 1.436 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004144.D
Acq: 23 Jul 2018 18:13

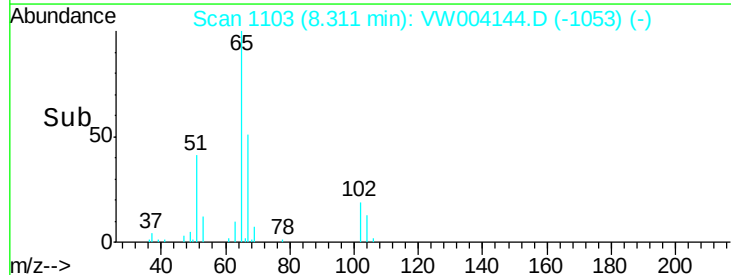
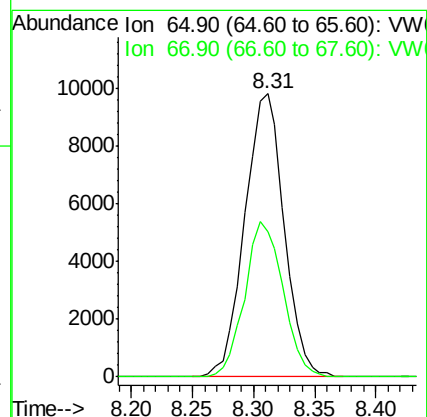
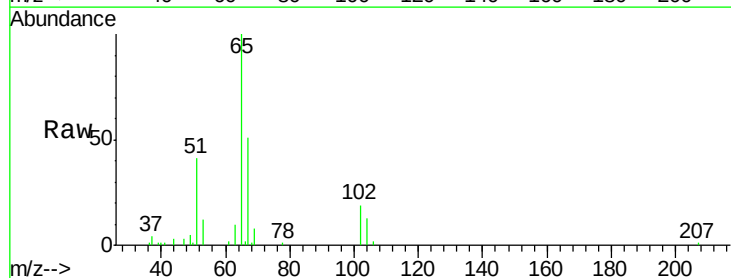
Instrument :
MSVOA_W
ClientSampled :

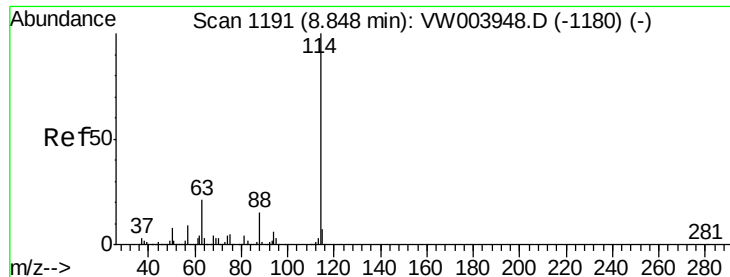
Tot Ion: 56 Resp: 5158
Ion Ratio Lower Upper
56 100
69 178.6 27.8 41.8#
84 127.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 10.122 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW004144.D
Acq: 23 Jul 2018 18:13

Tgt Ion: 65 Resp: 21916
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.0

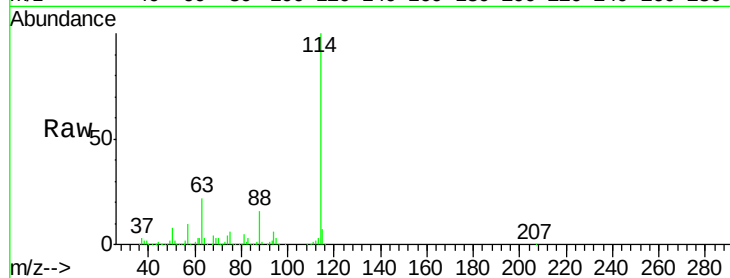




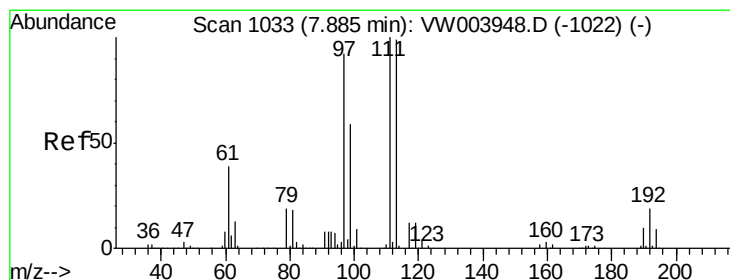
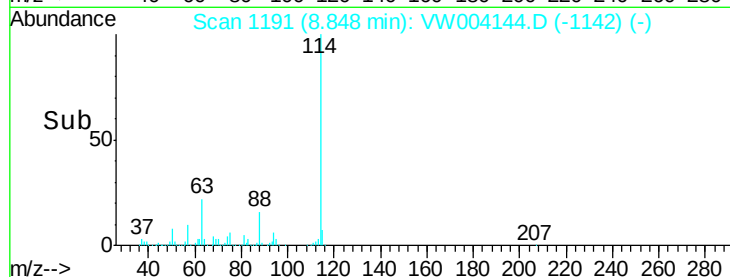
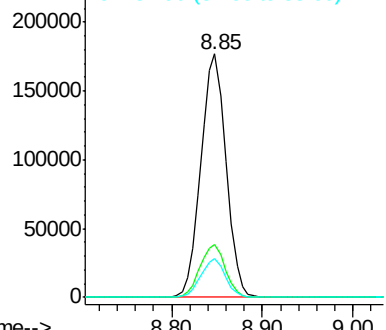
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW004144.D
Acq: 23 Jul 2018 18:13

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 340755
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.8
88 15.9 0.0 30.4

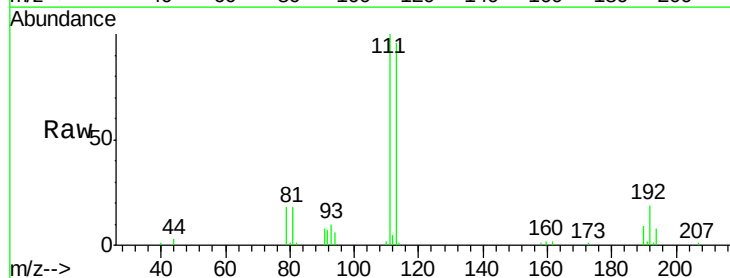


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

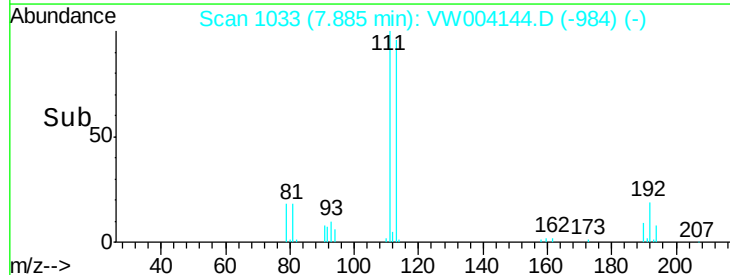
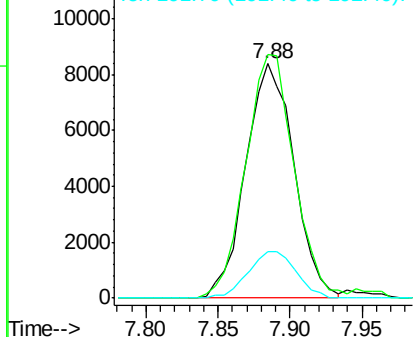


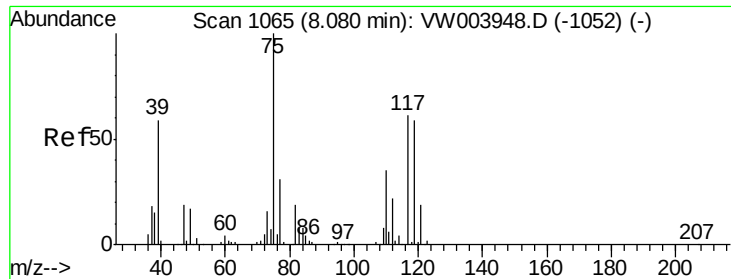
#35
Dibromofluoromethane
Concen: 8.902 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW004144.D
Acq: 23 Jul 2018 18:13

Tgt Ion:113 Resp: 19464
Ion Ratio Lower Upper
113 100
111 104.3 81.3 121.9
192 19.9 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: 4.512 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW004144.D

Acq: 23 Jul 2018 18:13

Instrument :

MSVOA_W

ClientSampled :

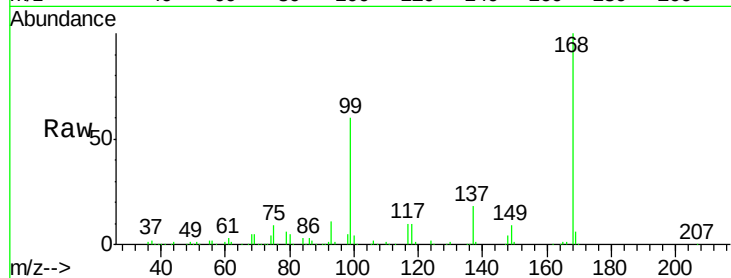
Tot Ion: 75 Resp: 15820

Ion Ratio Lower Upper

75 100

110 9.2 17.0 51.0#

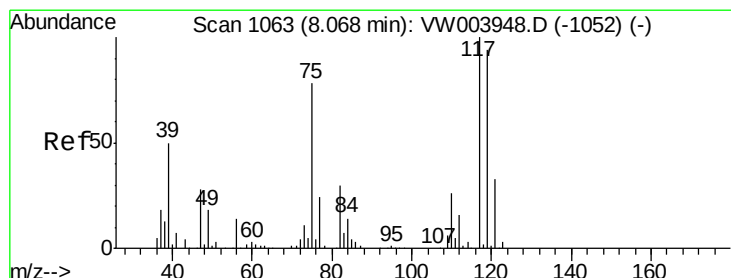
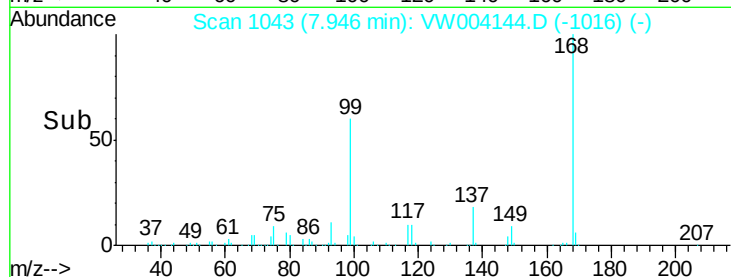
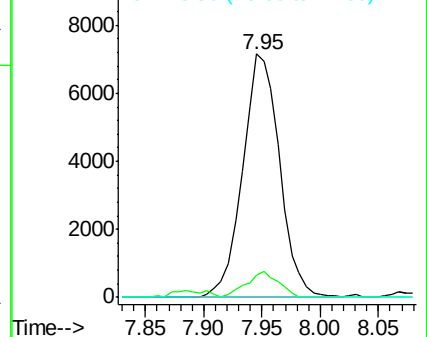
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 5.790 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004144.D

Acq: 23 Jul 2018 18:13

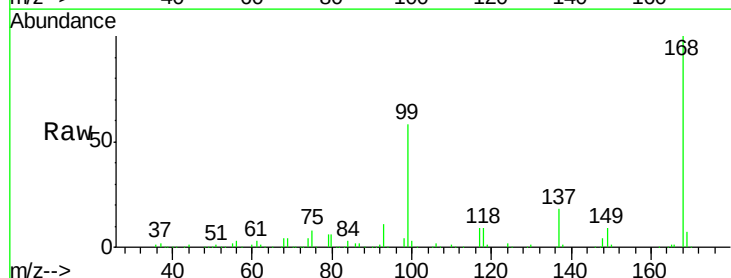
Tgt Ion: 117 Resp: 18967

Ion Ratio Lower Upper

117 100

119 5.8 75.3 112.9#

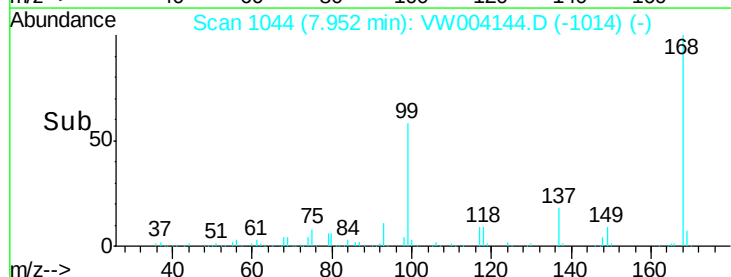
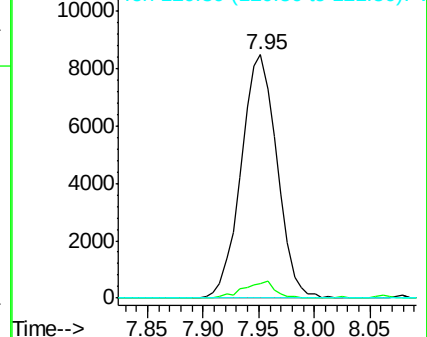
121 0.0 26.0 39.0#

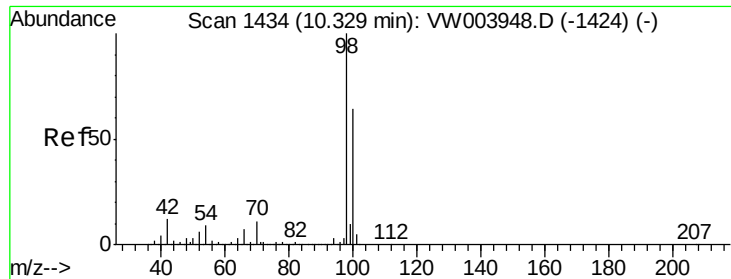


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

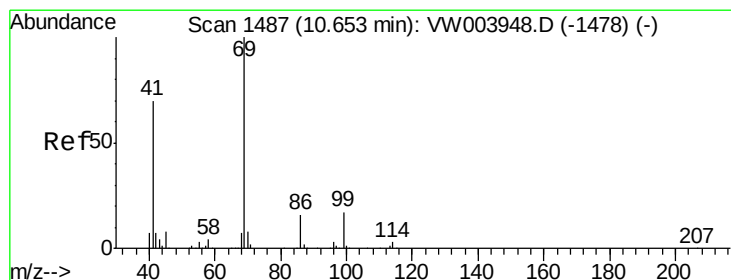
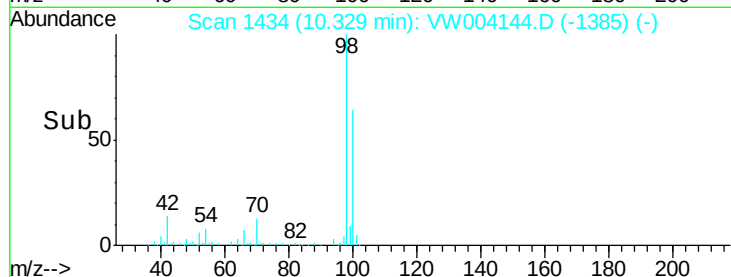
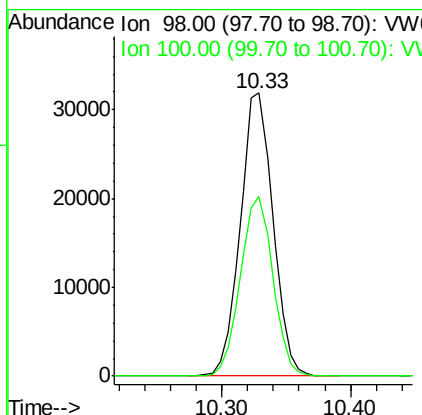
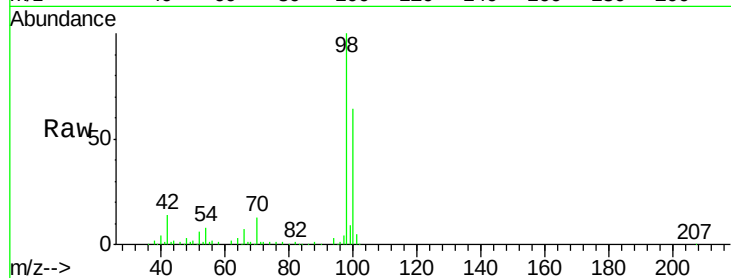




#50
Toluene-d8
Concen: 6.602 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004144.D
Acq: 23 Jul 2018 18:13

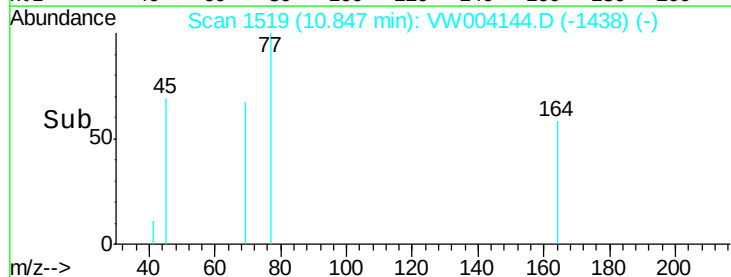
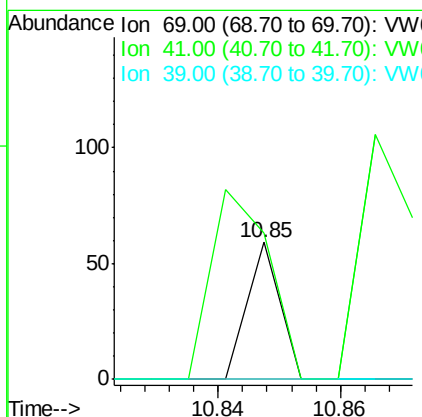
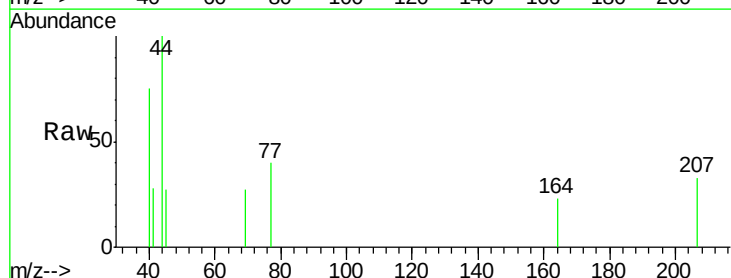
Instrument :
MSVOA_W
ClientSampleId :

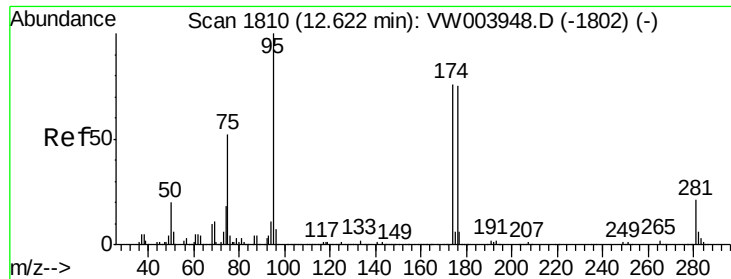
Tot Ion: 98 Resp: 56010
Ion Ratio Lower Upper
98 100
100 63.0 51.2 76.8



#56
Ethyl methacrylate
Concen: 2.954 ug/l
RT: 10.85 min Scan# 1519
Delta R.T. 0.20 min
Lab File: VW004144.D
Acq: 23 Jul 2018 18:13

Tgt Ion: 69 Resp: 22
Ion Ratio Lower Upper
69 100
41 240.9 56.5 84.7#
39 0.0 30.2 45.4#

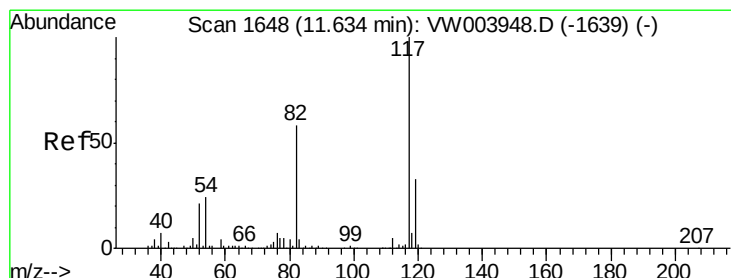
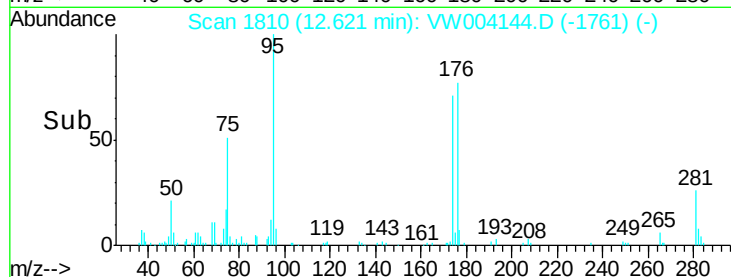
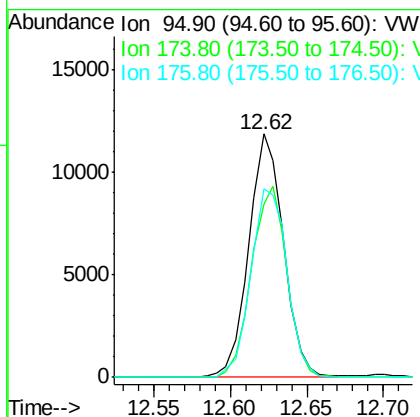
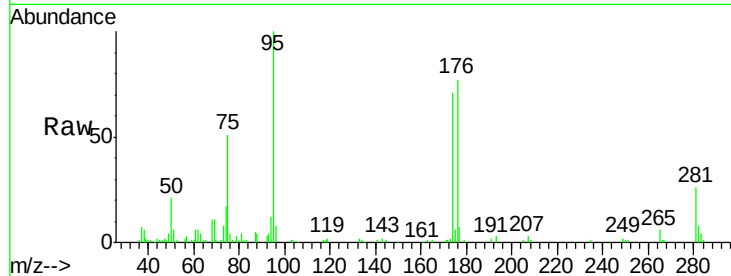




#62
4-Bromofluorobenzene
Concen: 6.138 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004144.D
Acq: 23 Jul 2018 18:13

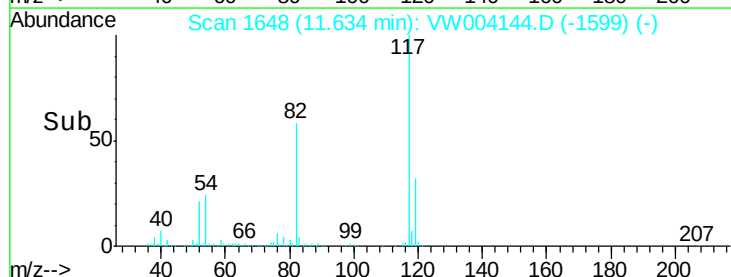
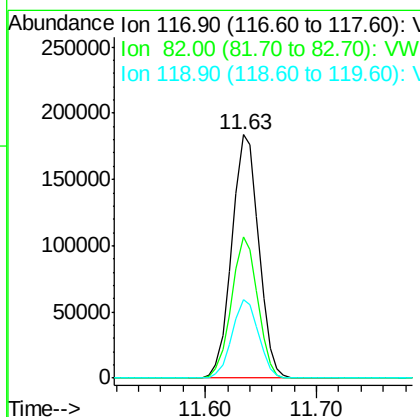
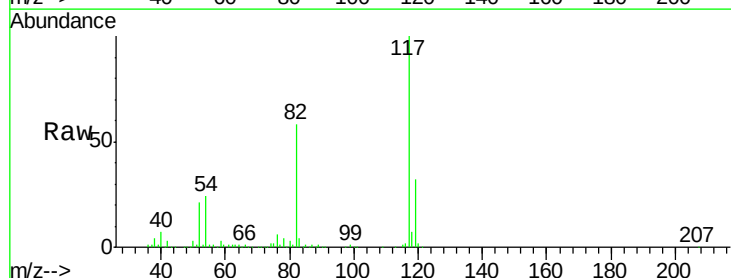
Instrument :
MSVOA_W
ClientSampleId :

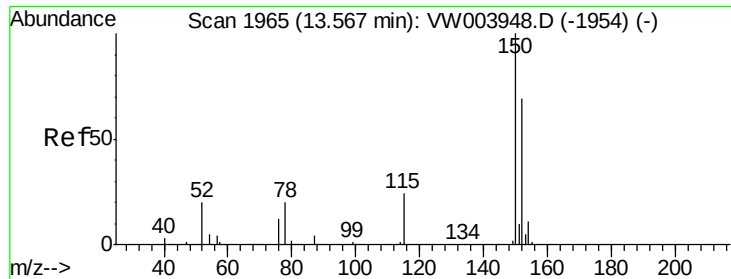
Tot Ion: 95 Resp: 18776
Ion Ratio Lower Upper
95 100
174 79.4 0.0 160.2
176 80.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004144.D
Acq: 23 Jul 2018 18:13

Tgt Ion: 117 Resp: 307401
Ion Ratio Lower Upper
117 100
82 58.2 46.5 69.7
119 32.4 26.2 39.2



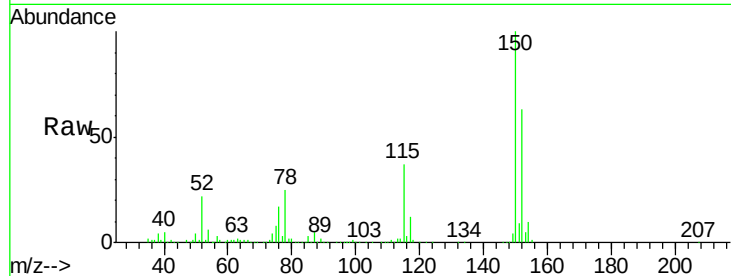


#72

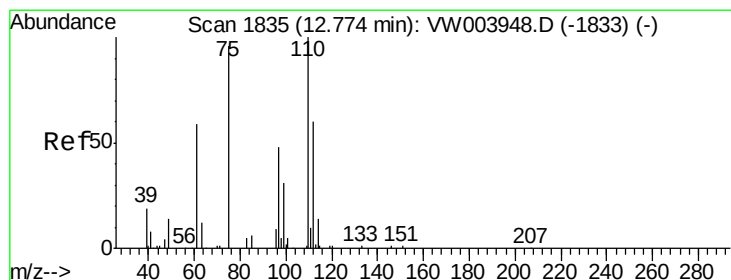
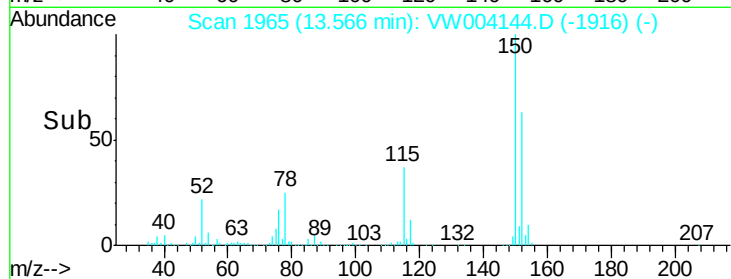
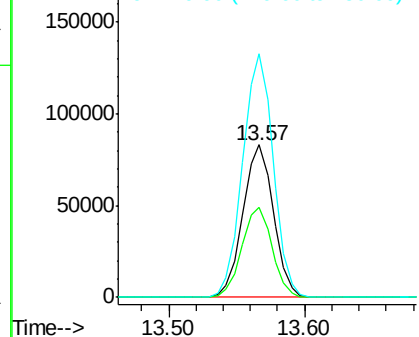
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004144.D
Acq: 23 Jul 2018 18:13

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 130372
Ion Ratio Lower Upper
152 100
115 58.6 29.2 87.6
150 159.7 0.0 345.2



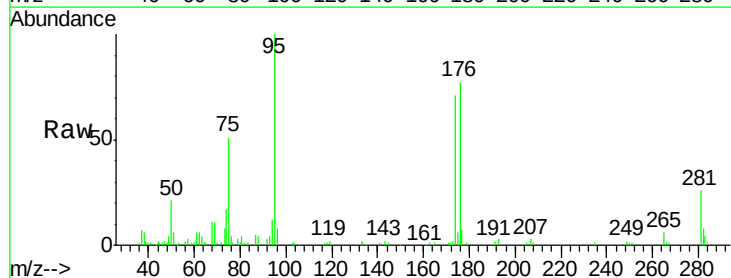
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



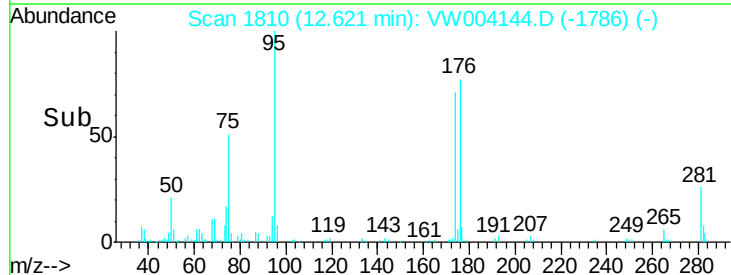
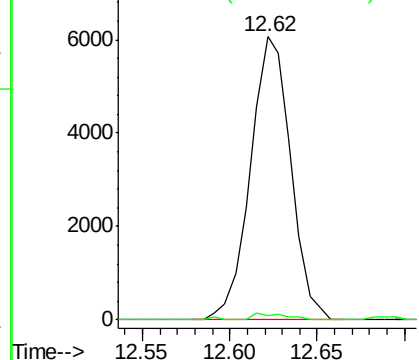
#76

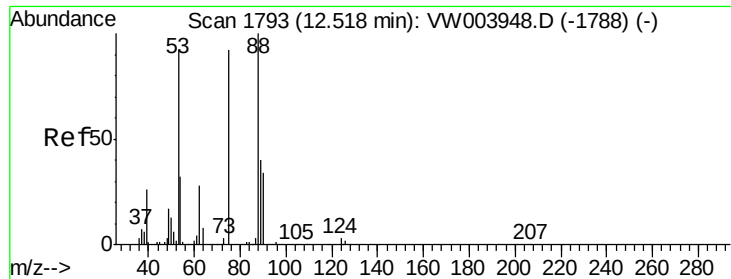
1,2,3-Trichloropropane
Concen: 7.548 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004144.D
Acq: 23 Jul 2018 18:13

Tgt Ion: 75 Resp: 9769
Ion Ratio Lower Upper
75 100
77 1.8 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: 16.695 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004144.D

Acq: 23 Jul 2018 18:13

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 9769

Ion Ratio Lower Upper

75 100

53 1.0 77.6 116.4#

89 0.4 36.6 54.8#

