

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041719\
 Data File : VW010018.D
 Acq On : 17 Apr 2019 15:53
 Operator : SY/VA
 Sample : VW0417SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0417SBL01

Quant Time: Apr 18 02:44:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	435709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	734845	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	649409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	309175	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	278945	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
35) Dibromofluoromethane	7.88	113	229239	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
50) Toluene-d8	10.32	98	870157	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.62	95	291279	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	

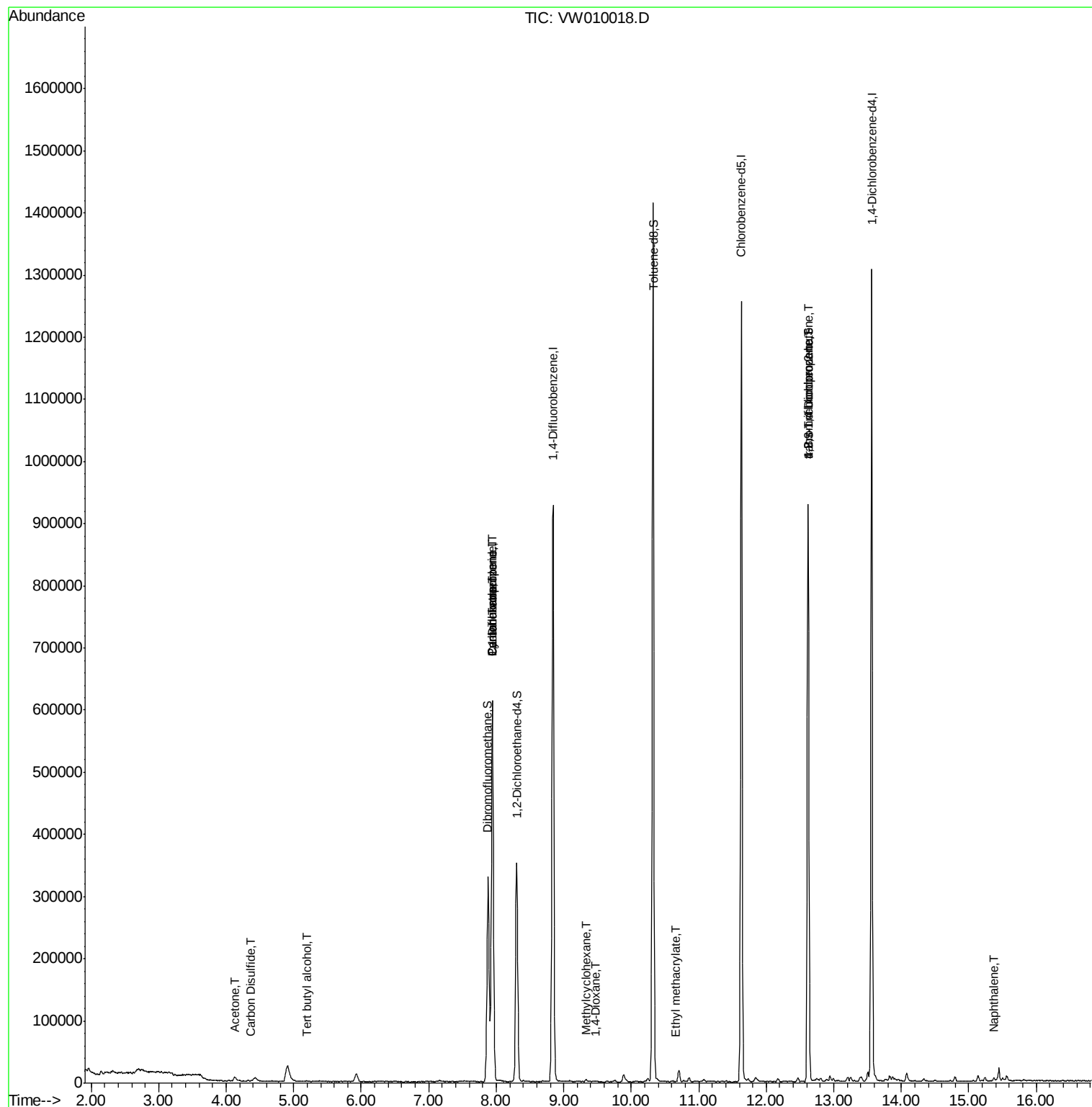
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	882	2.880	ug/l #	88
16) Acetone	4.12	43	13317	10.675	ug/l	98
17) Carbon Disulfide	4.37	76	626	1.386	ug/l #	74
31) Cyclohexane	7.95	56	12549	1.443	ug/l #	24
36) 1,1-Dichloropropene	7.94	75	38304	5.103	ug/l #	51
38) Carbon Tetrachloride	7.95	117	46719	6.377	ug/l #	18
39) Methylcyclohexane	9.33	83	1251	1.331	ug/l	93
49) 1,4-Dioxane	9.47	88	43	1.006	ug/l #	1
56) Ethyl methacrylate	10.65	69	119	2.662	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	162825	52.620	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	162825	124.075	ug/l #	6
95) Naphthalene	15.37	128	4273	2.984	ug/l	97

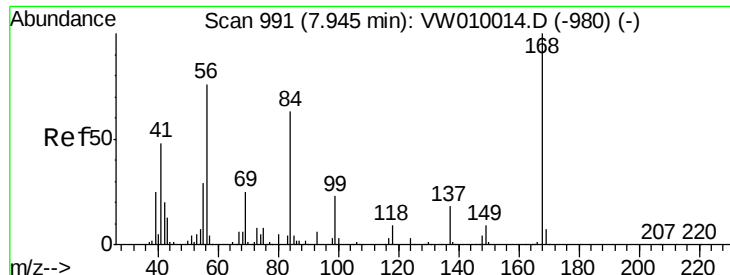
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW041719\
Data File : VW010018.D
Acq On : 17 Apr 2019 15:53
Operator : SY/VA
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0417SBL01

Quant Time: Apr 18 02:44:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 02:23:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010018.D

Acq: 17 Apr 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

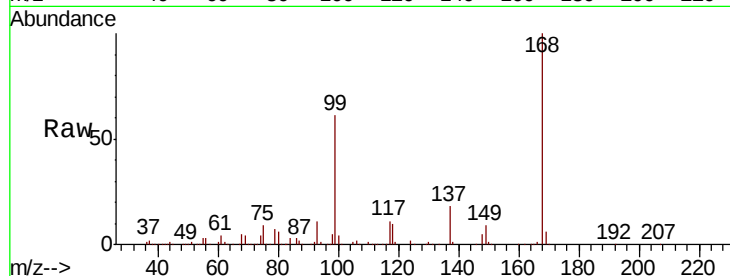
VW0417SBL01

Tgt Ion:168 Resp: 435709

Ion Ratio Lower Upper

168 100

99 61.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

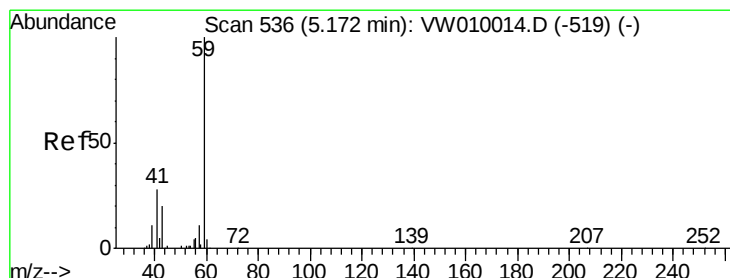
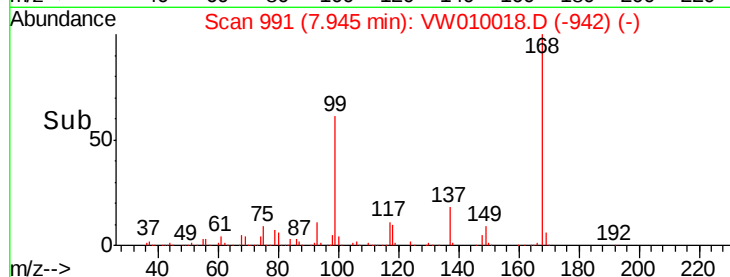
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.880 ug/l

RT: 5.19 min Scan# 539

Delta R.T. 0.02 min

Lab File: VW010018.D

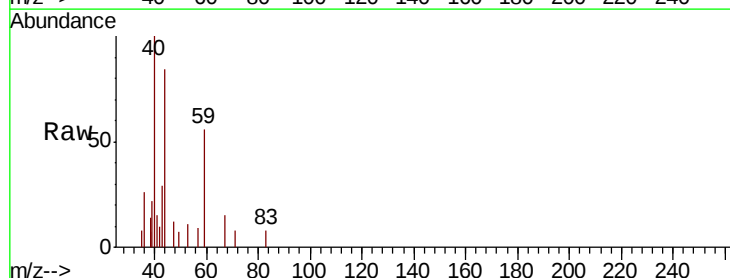
Acq: 17 Apr 2019 15:53

Tgt Ion: 59 Resp: 882

Ion Ratio Lower Upper

59 100

57 15.6 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

600

500

400

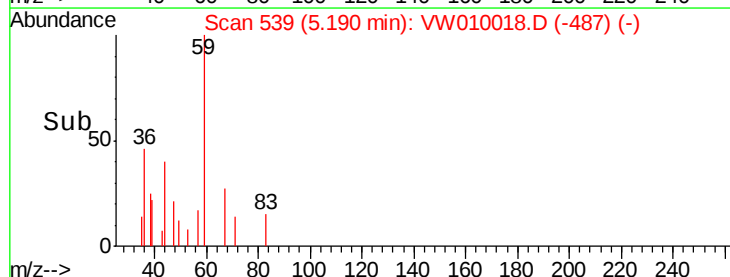
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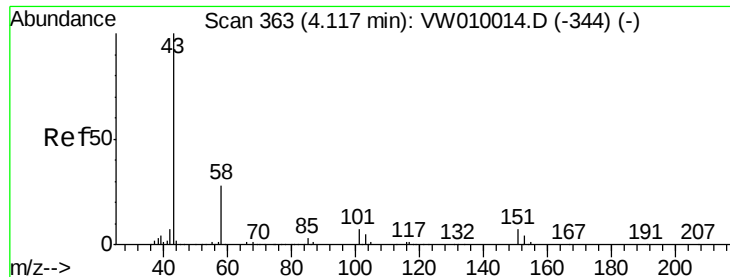
200

100

0

Time-->





#16

Acetone

Concen: 10.675 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010018.D

Acq: 17 Apr 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

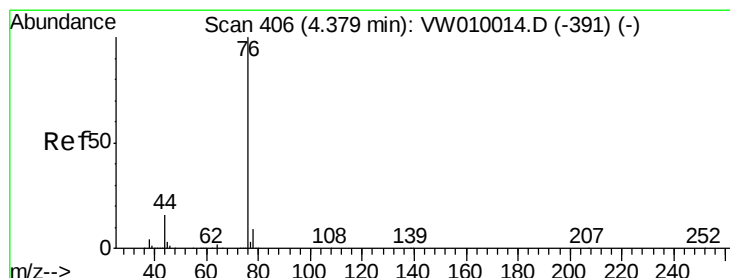
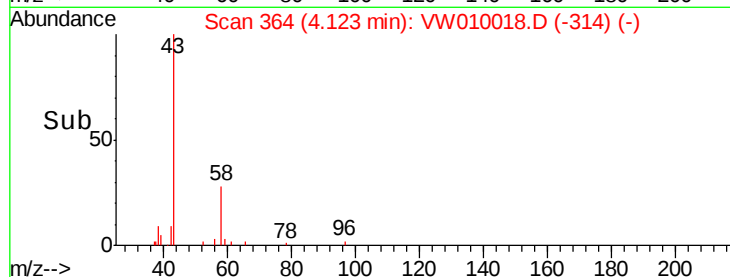
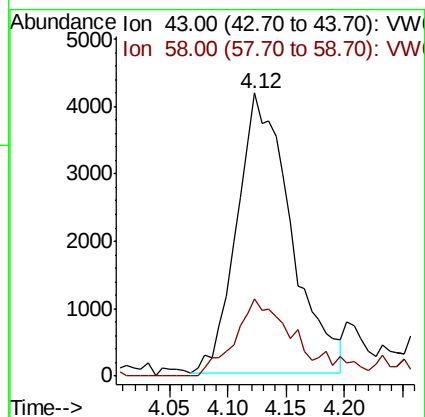
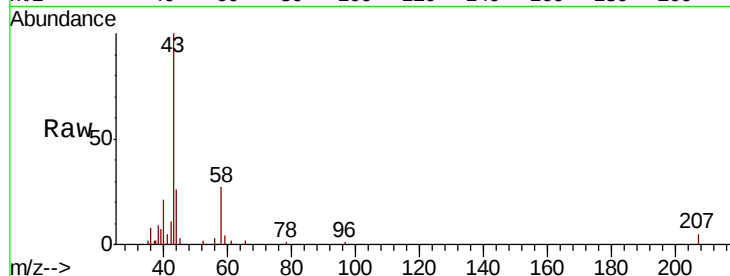
VW0417SBL01

Tgt Ion: 43 Resp: 13317

Ion Ratio Lower Upper

43 100

58 27.4 22.7 34.1



#17

Carbon Disulfide

Concen: 1.386 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW010018.D

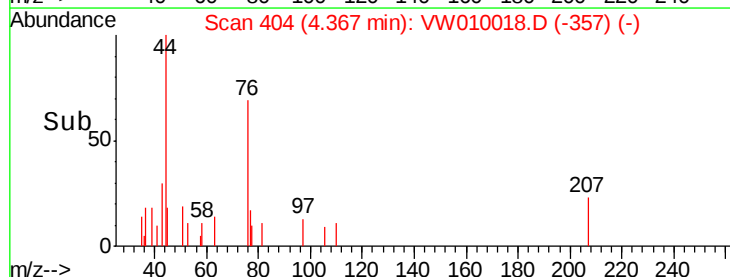
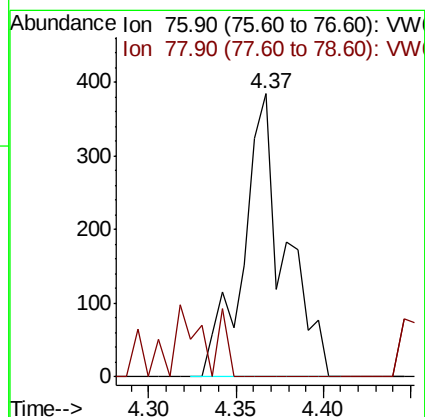
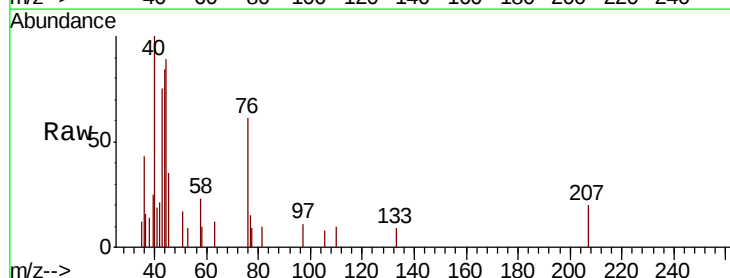
Acq: 17 Apr 2019 15:53

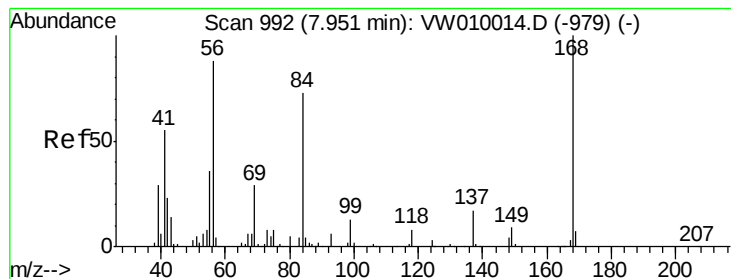
Tgt Ion: 76 Resp: 626

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#





#31

Cyclohexane

Concen: 1.443 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010018.D

Acq: 17 Apr 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBL01

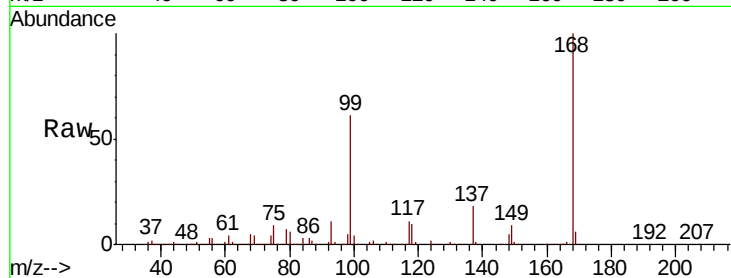
Tgt Ion: 56 Resp: 12549

Ion Ratio Lower Upper

56 100

69 164.3 26.6 40.0#

84 95.2 66.2 99.2

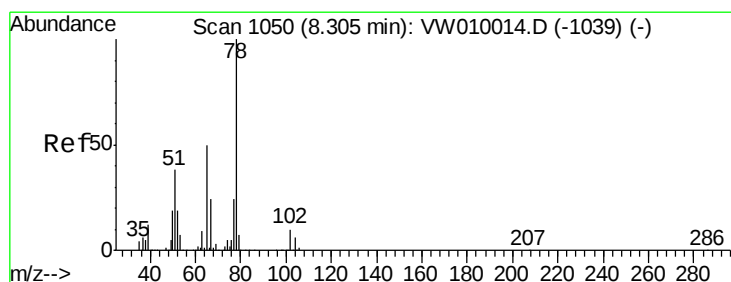
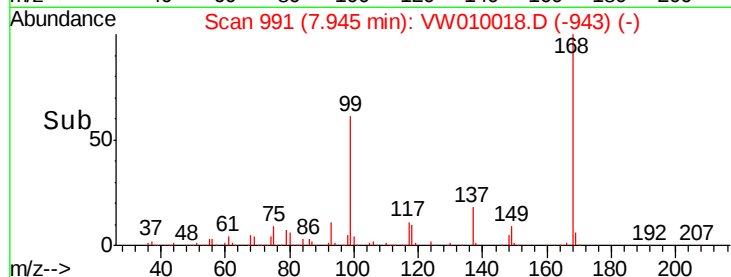
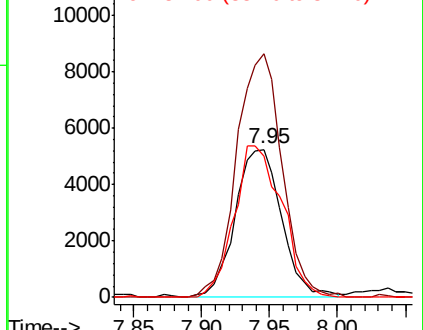


Abundance

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: 51.879 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW010018.D

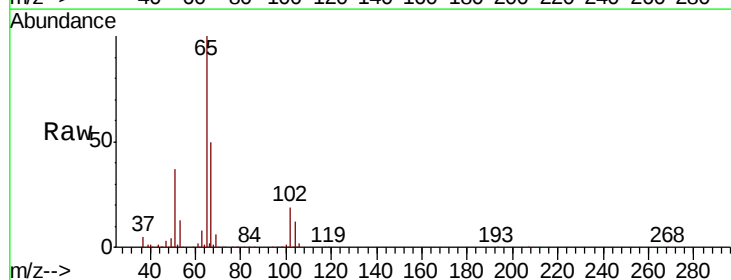
Acq: 17 Apr 2019 15:53

Tgt Ion: 65 Resp: 278945

Ion Ratio Lower Upper

65 100

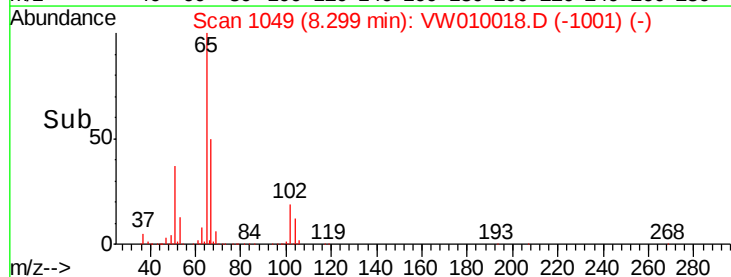
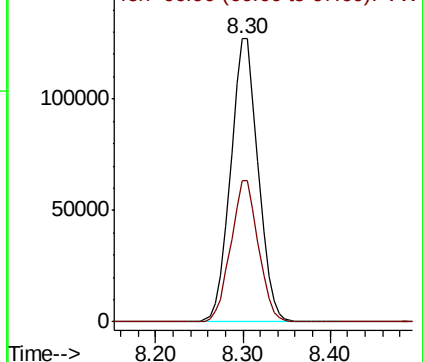
67 50.3 0.0 100.8

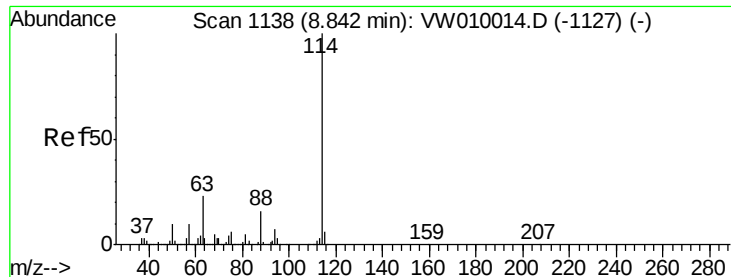


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

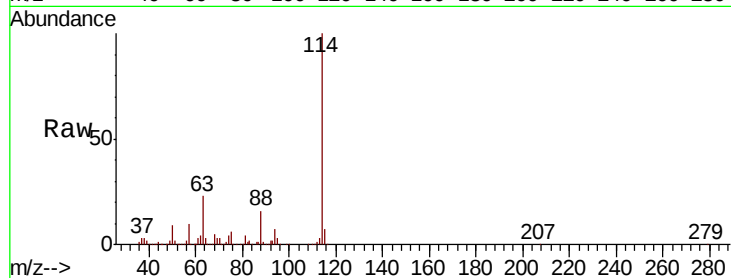




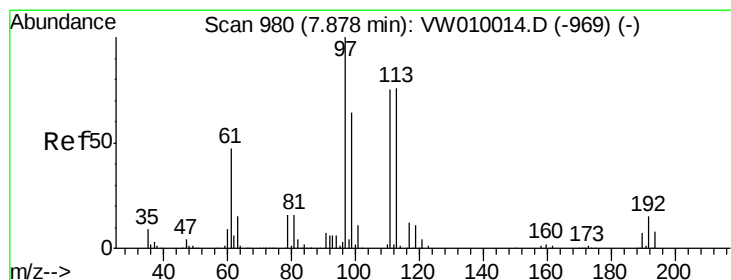
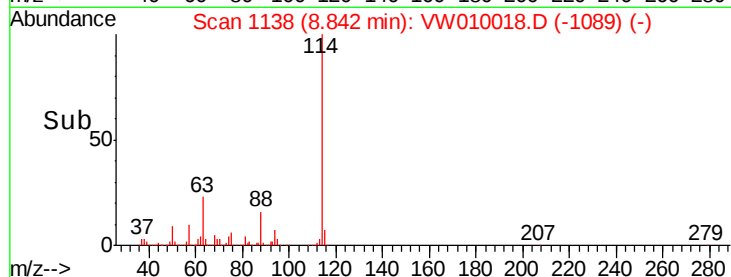
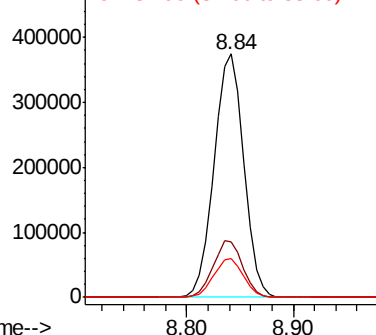
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW010018.D
Acq: 17 Apr 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
VW0417SBL01

Tgt Ion:114 Resp: 734845
Ion Ratio Lower Upper
114 100
63 22.8 0.0 46.2
88 16.2 0.0 32.6

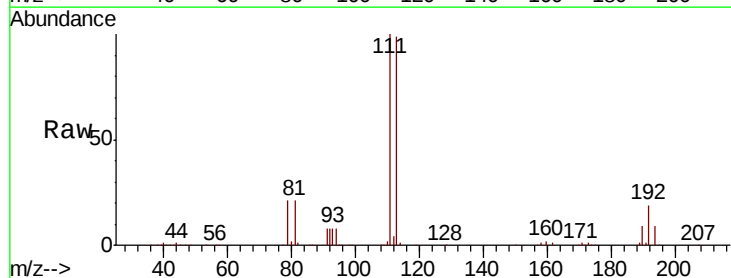


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

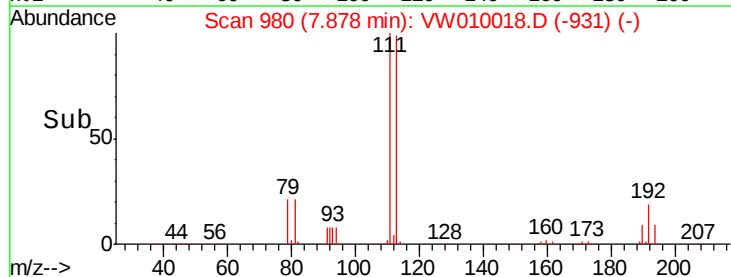
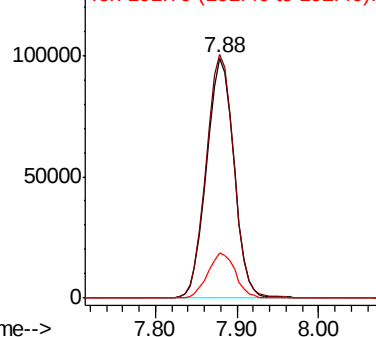


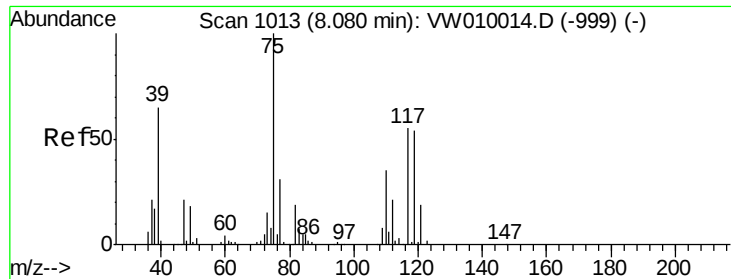
#35
Dibromofluoromethane
Concen: 49.068 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW010018.D
Acq: 17 Apr 2019 15:53

Tgt Ion:113 Resp: 229239
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 19.0 15.4 23.2



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

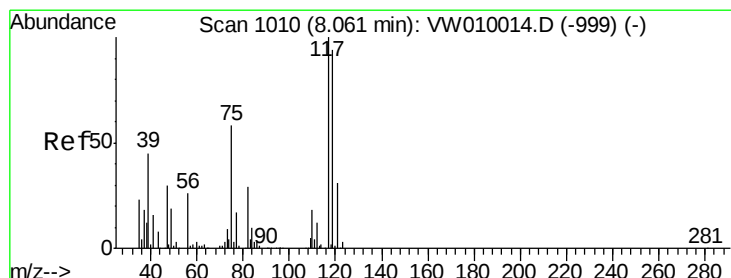
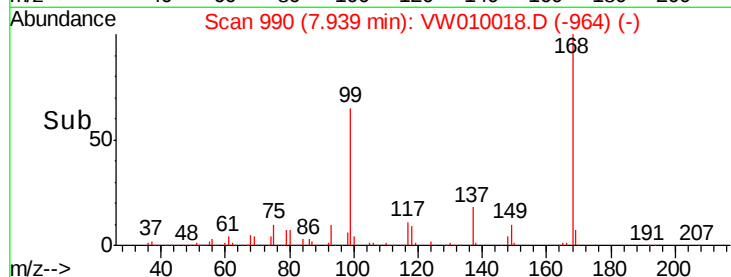
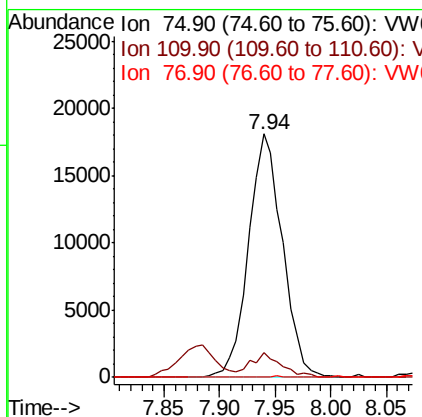
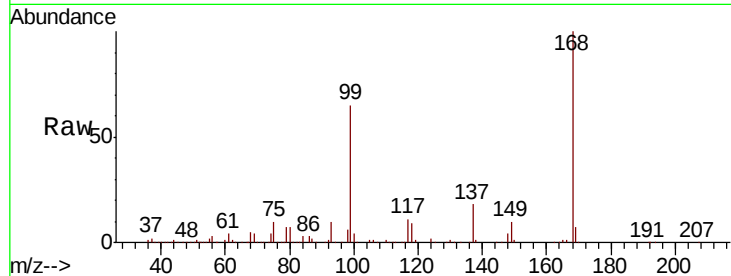




#36
 1,1-Dichloropropene
 Concen: 5.103 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW010018.D
 Acq: 17 Apr 2019 15:53

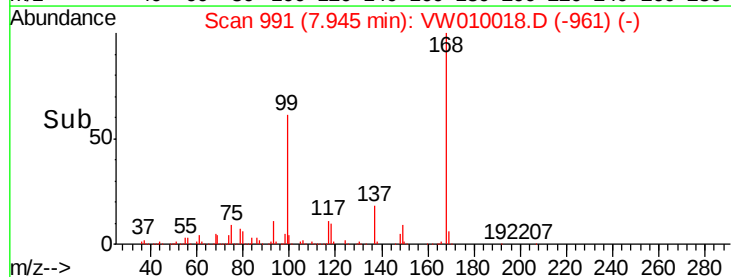
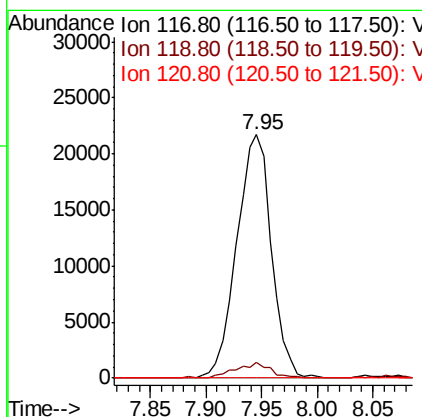
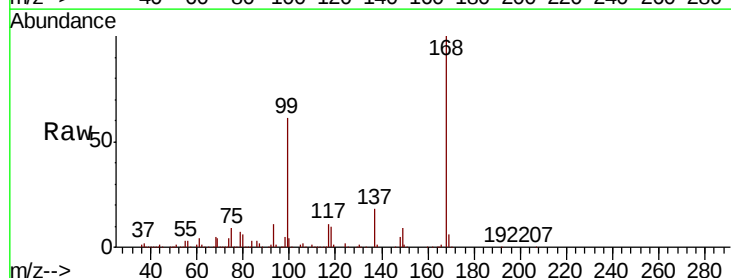
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0417SBL01

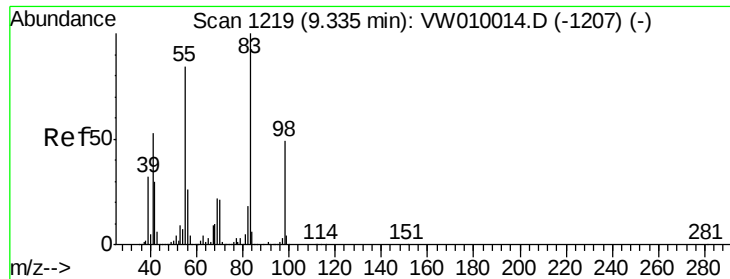
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.6	49.8#
77	0.2	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.377 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010018.D
 Acq: 17 Apr 2019 15:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	75.3	112.9#
121	0.0	24.4	36.6#





#39

Methylcyclohexane

Concen: 1.331 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW010018.D

Acq: 17 Apr 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBL01

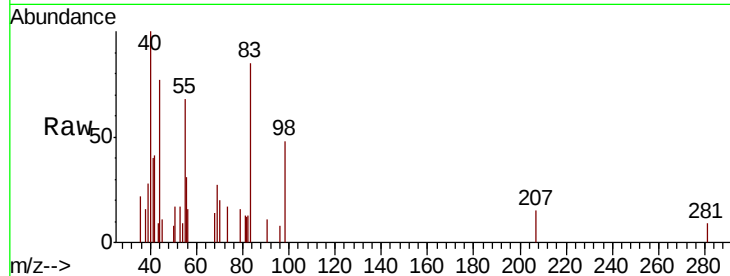
Tgt Ion: 83 Resp: 1251

Ion Ratio Lower Upper

83 100

55 80.5 67.1 100.7

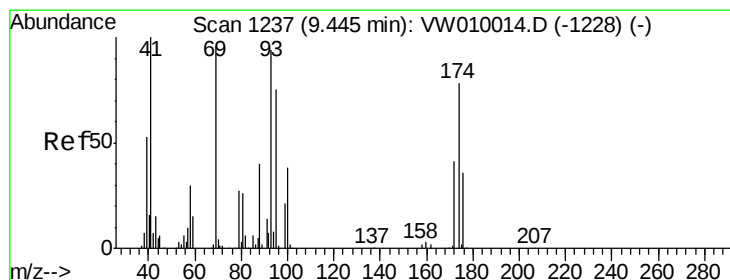
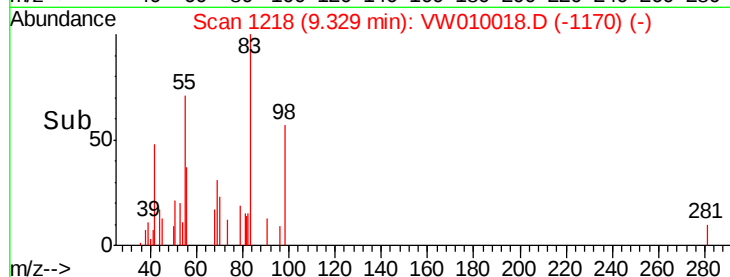
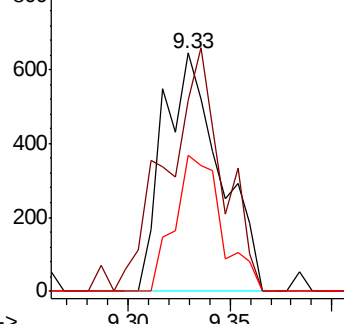
98 57.2 39.2 58.8



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#49

1,4-Dioxane

Concen: 1.006 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.02 min

Lab File: VW010018.D

Acq: 17 Apr 2019 15:53

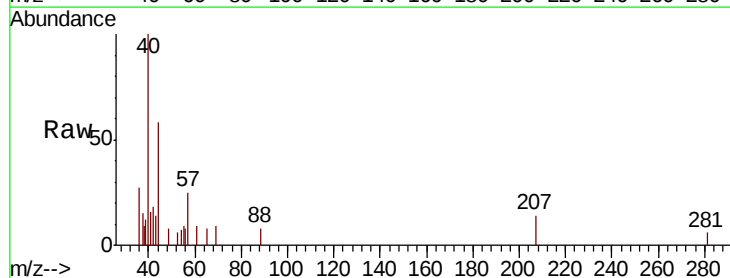
Tgt Ion: 88 Resp: 43

Ion Ratio Lower Upper

88 100

43 379.1 31.9 47.9#

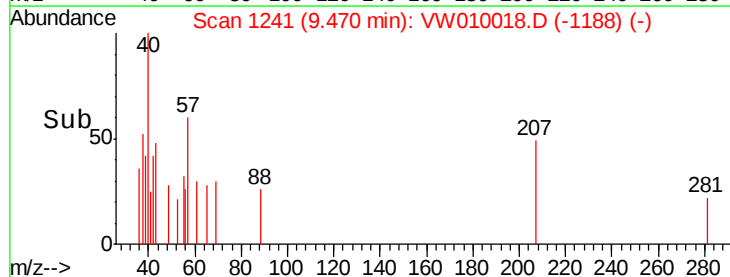
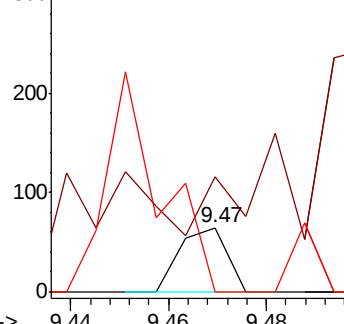
58 395.3 61.8 92.6#

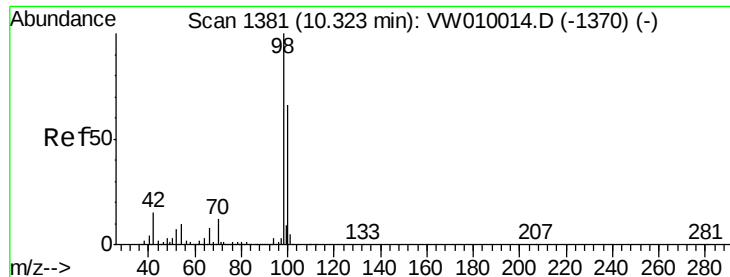


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 49.705 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010018.D

Acq: 17 Apr 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

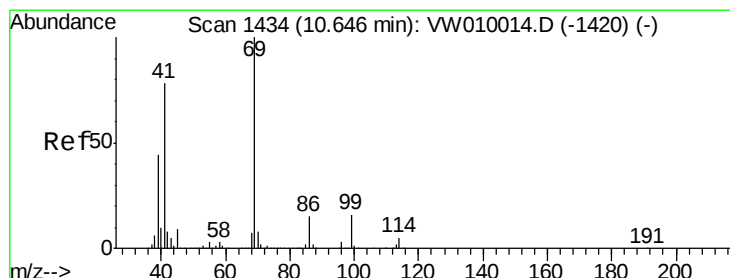
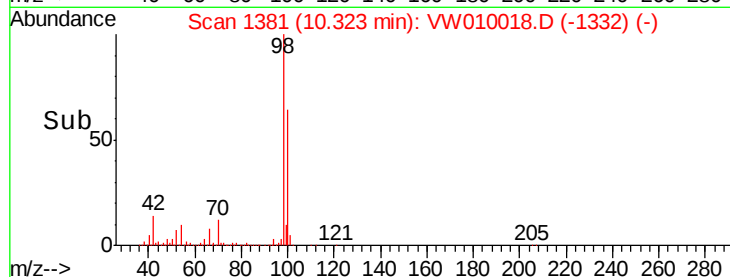
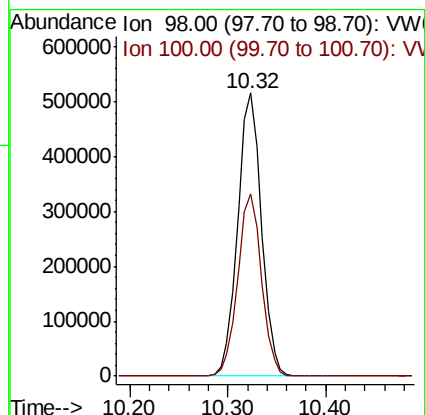
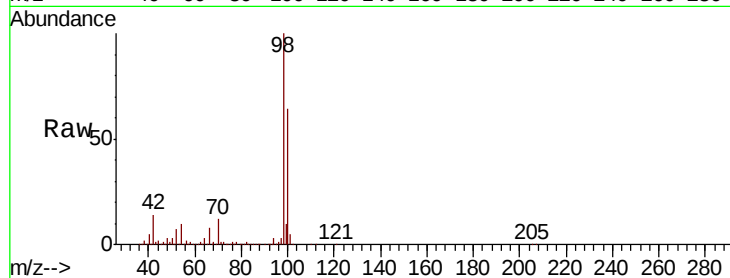
VW0417SBL01

Tgt Ion: 98 Resp: 870157

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5



#56

Ethyl methacrylate

Concen: 2.662 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VW010018.D

Acq: 17 Apr 2019 15:53

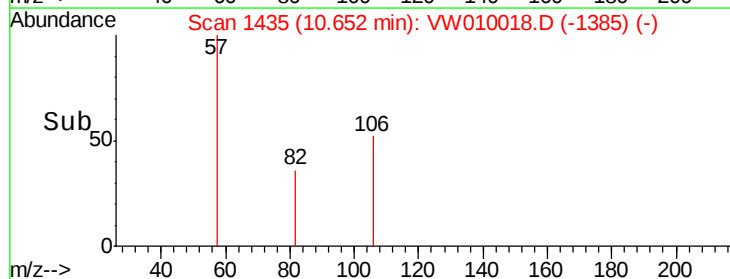
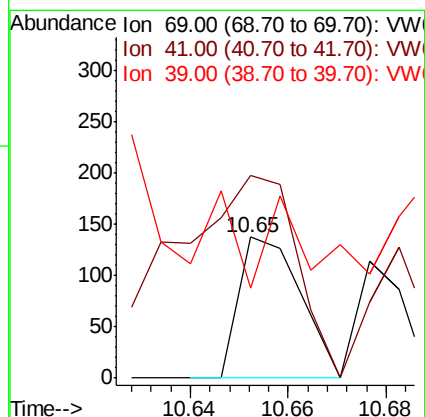
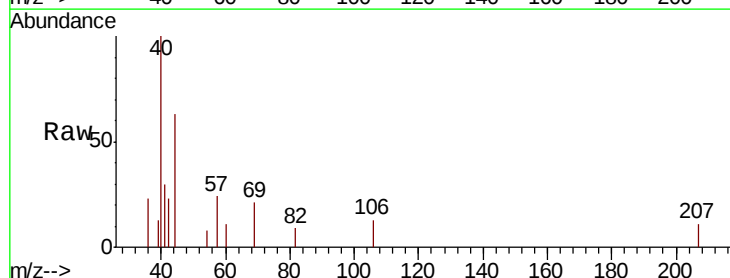
Tgt Ion: 69 Resp: 119

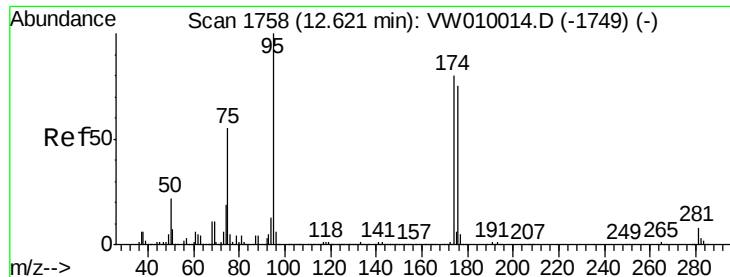
Ion Ratio Lower Upper

69 100

41 268.9 61.0 91.6#

39 0.0 33.8 50.6#

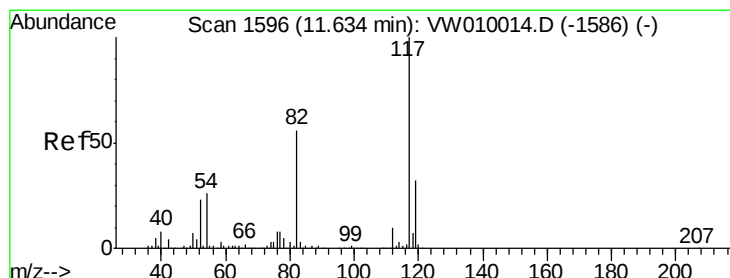
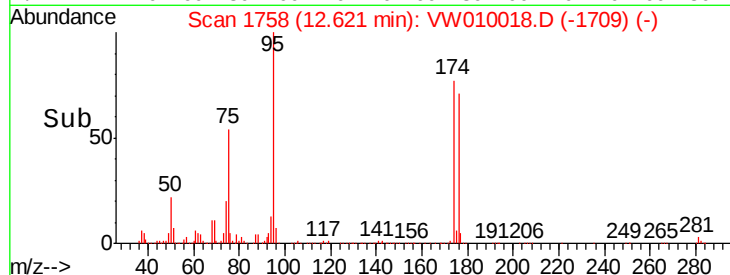
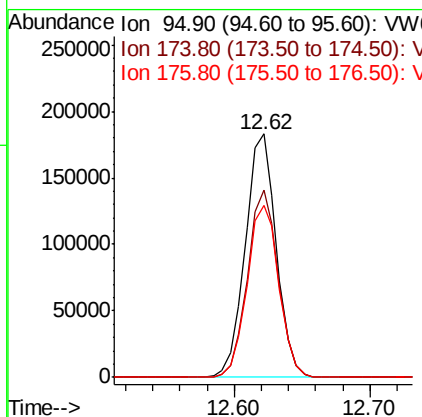
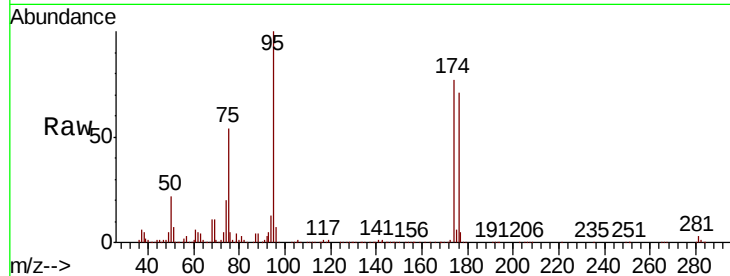




#62
4-Bromofluorobenzene
Concen: 45.773 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010018.D
Acq: 17 Apr 2019 15:53

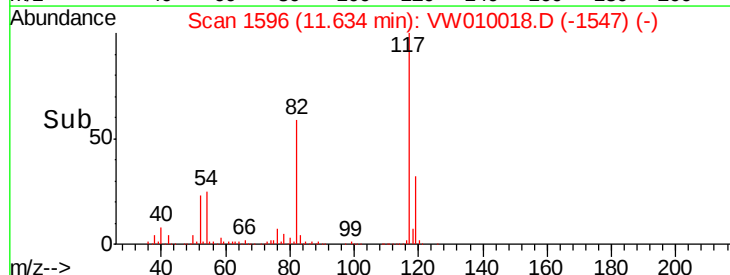
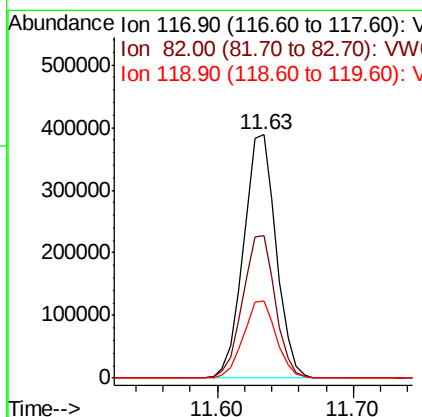
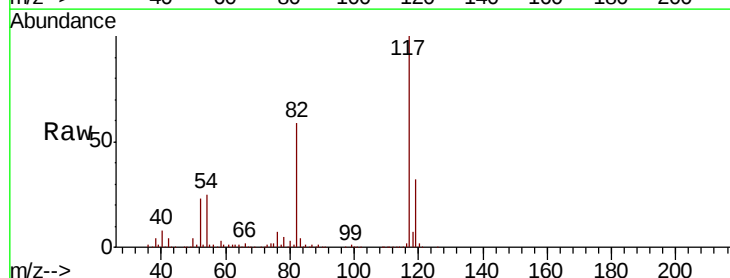
Instrument :
MSVOA_W
ClientSampleId :
VW0417SBL01

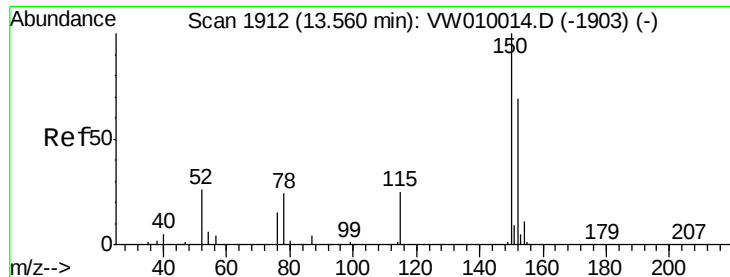
Tgt Ion: 95 Resp: 291279
Ion Ratio Lower Upper
95 100
174 76.4 0.0 151.4
176 72.7 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010018.D
Acq: 17 Apr 2019 15:53

Tgt Ion: 117 Resp: 649409
Ion Ratio Lower Upper
117 100
82 58.7 45.2 67.8
119 31.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010018.D

Acq: 17 Apr 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBL01

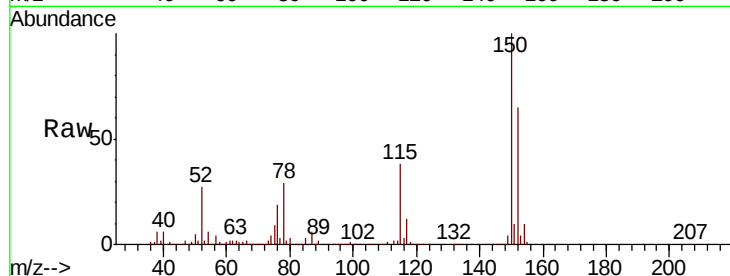
Tgt Ion:152 Resp: 309175

Ion Ratio Lower Upper

152 100

115 59.3 30.4 91.2

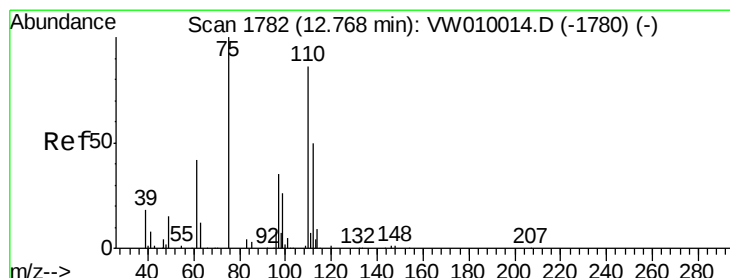
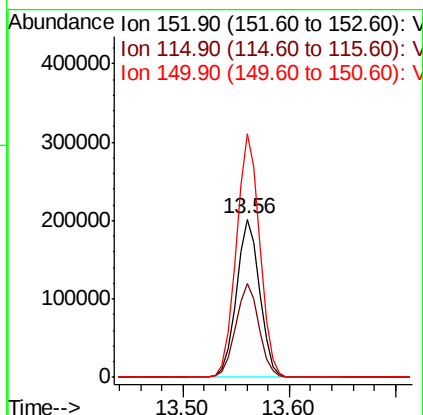
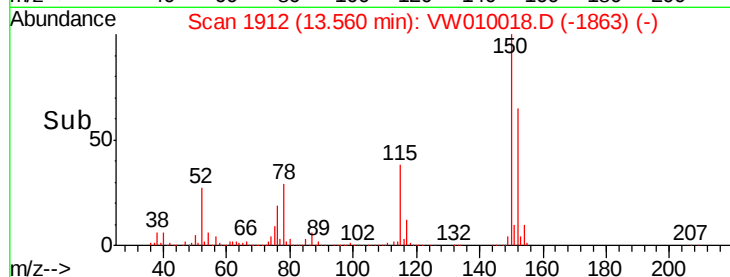
150 155.1 0.0 347.0



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: 52.620 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010018.D

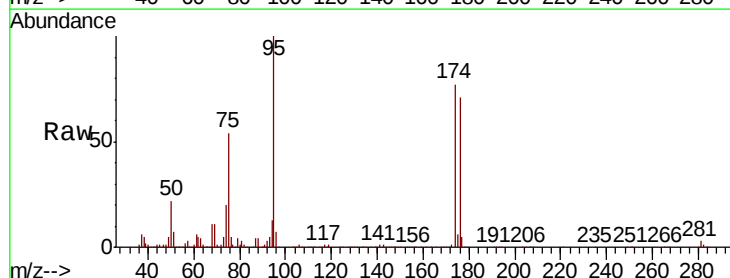
Acq: 17 Apr 2019 15:53

Tgt Ion: 75 Resp: 162825

Ion Ratio Lower Upper

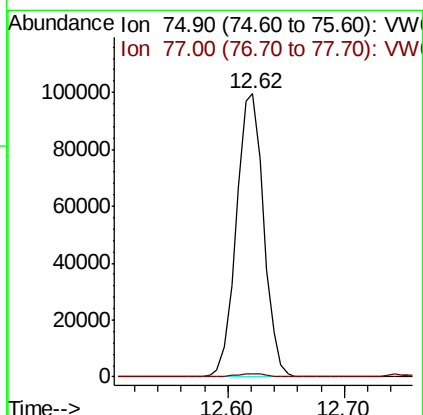
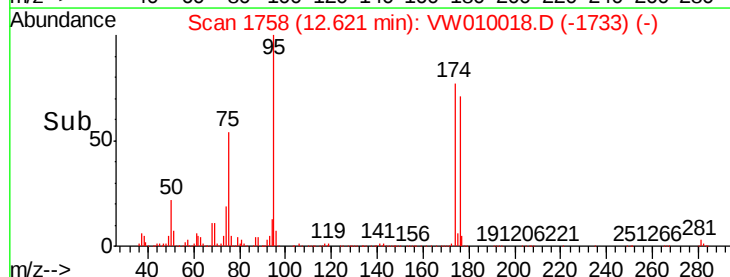
75 100

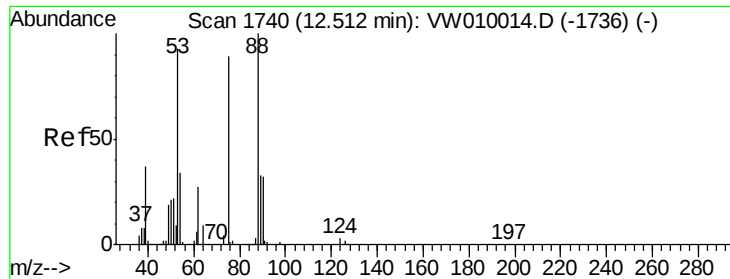
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

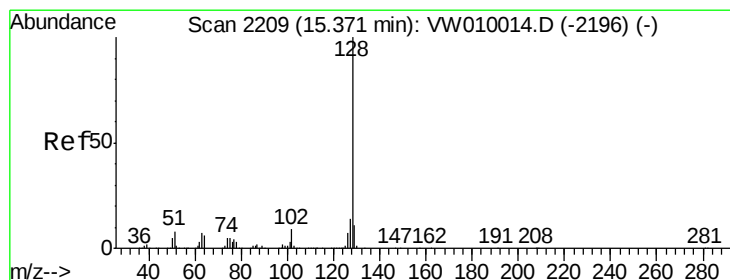
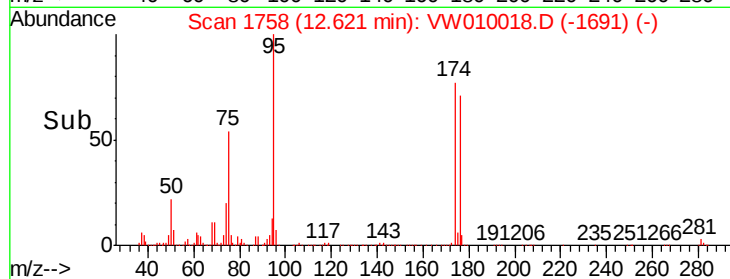
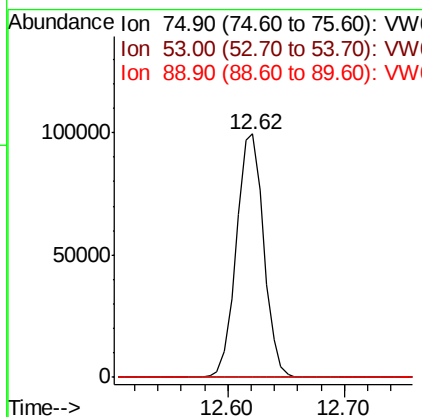
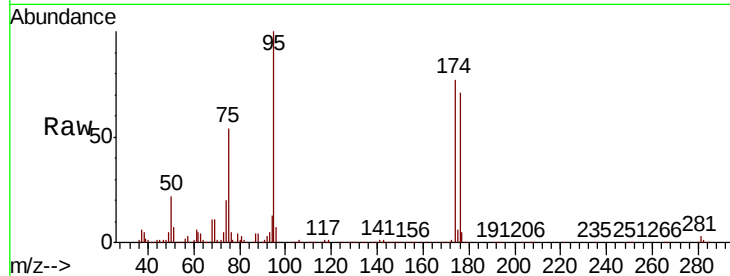




#81
trans-1,4-Dichloro-2-butene
Concen: 124.075 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010018.D
Acq: 17 Apr 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
VW0417SBL01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.4	89.8	134.8#
89	0.0	36.6	54.8#



#95
Naphthalene
Concen: 2.984 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010018.D
Acq: 17 Apr 2019 15:53

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.6	15.8
129	10.5	8.7	13.1

