

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
 Data File : VW001123.D
 Acq On : 29 Jan 2018 17:13
 Operator : JC/SY
 Sample : VW0129SBL01
 Misc : 5.0G/5.0ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBL01

Quant Time: Jan 30 02:09:03 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 01:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	356768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	317841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170427	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	124619	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
35) Dibromofluoromethane	7.88	113	103047	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
50) Toluene-d8	10.33	98	428119	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.63	95	148180	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	

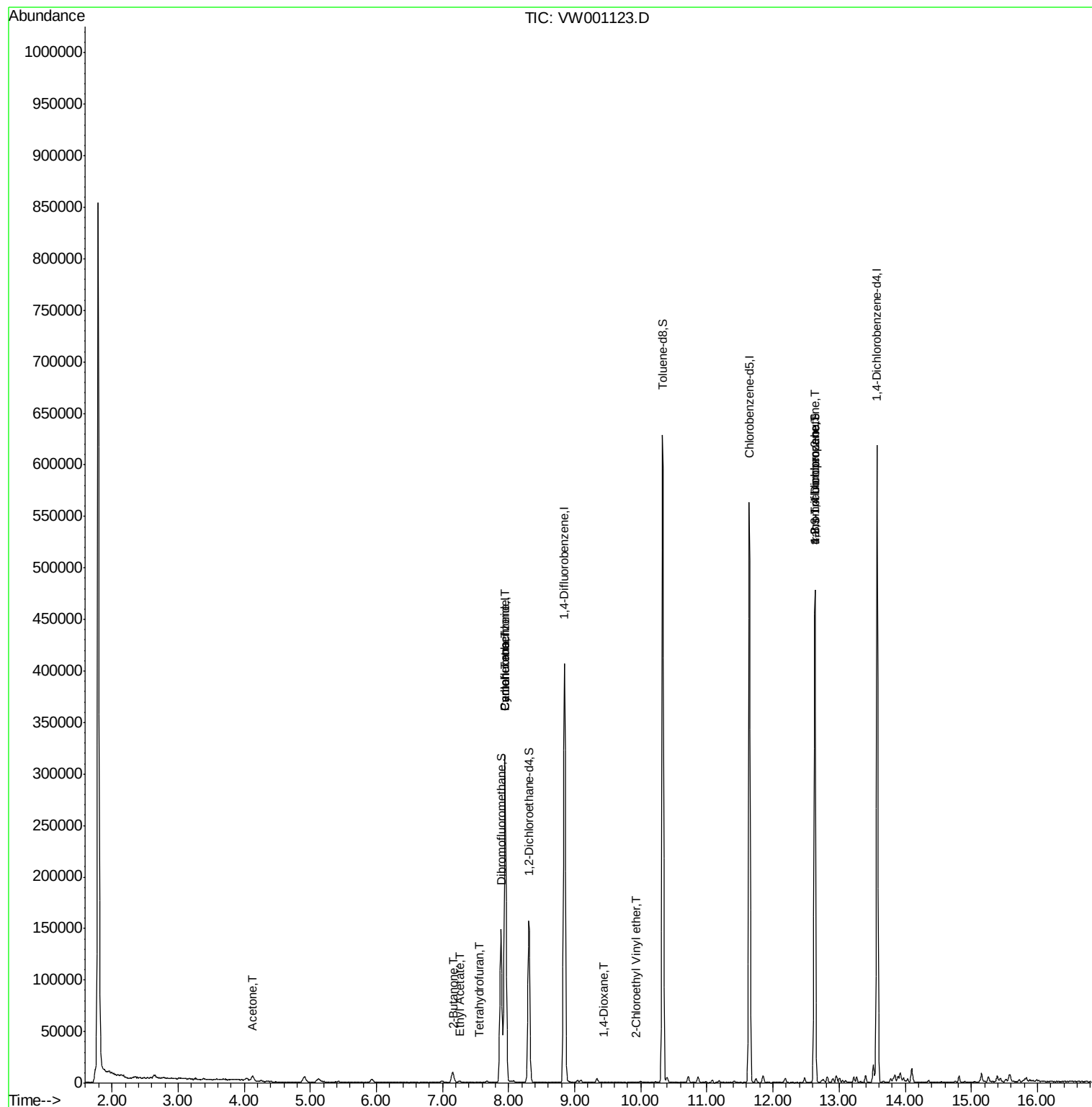
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	843	Below Cal	#	53
16) Acetone	4.13	43	8542	13.63	ug/l	93
18) Methyl Acetate	4.67	43	101	Below Cal	#	50
20) Methylene Chloride	4.91	84	3825	Below Cal		97
25) 2-Butanone	7.17	43	906	1.10	ug/l	# 46
29) Tetrahydrofuran	7.55	42	510	1.09	ug/l	# 85
31) Cyclohexane	7.95	56	5419	1.53	ug/l	# 23
37) Ethyl Acetate	7.26	43	2178	1.28	ug/l	# 75
38) Carbon Tetrachloride	7.95	117	23620	6.57	ug/l	# 18
49) 1,4-Dioxane	9.45	88	35	1.46	ug/l	# 75
58) 2-Chloroethyl Vinyl ether	9.93	63	114	23.47	ug/l	# 44
76) 1,2,3-Trichloropropane	12.63	75	73175	42.36	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.63	75	73175	111.39	ug/l	# 12

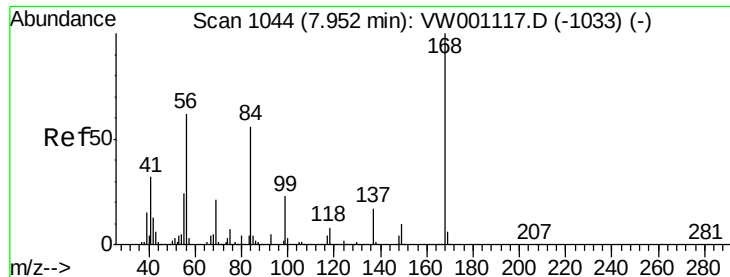
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
Data File : VW001123.D
Acq On : 29 Jan 2018 17:13
Operator : JC/SY
Sample : VW0129SBL01
Misc : 5.0G/5.0ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBL01

Quant Time: Jan 30 02:09:03 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 30 01:11:27 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW001123.D

Acq: 29 Jan 2018 17:13

Instrument :

MSVOA_W

ClientSampleId :

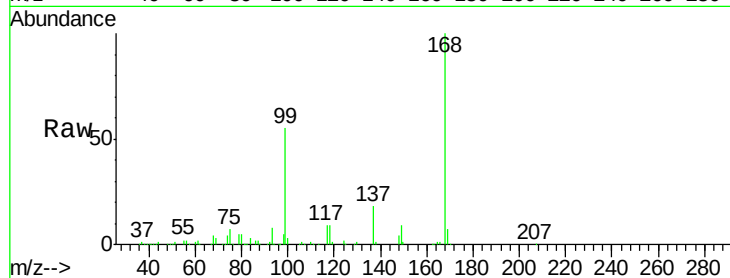
VW0129SBL01

Tgt Ion:168 Resp: 245245

Ion Ratio Lower Upper

168 100

99 54.5 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

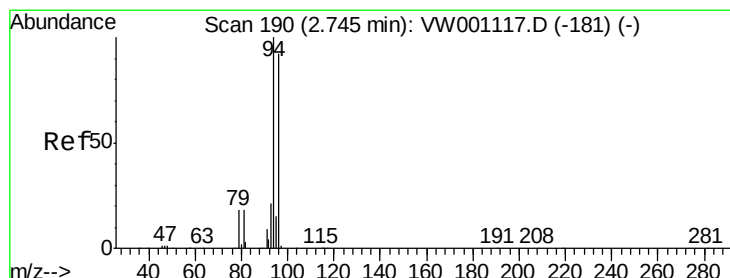
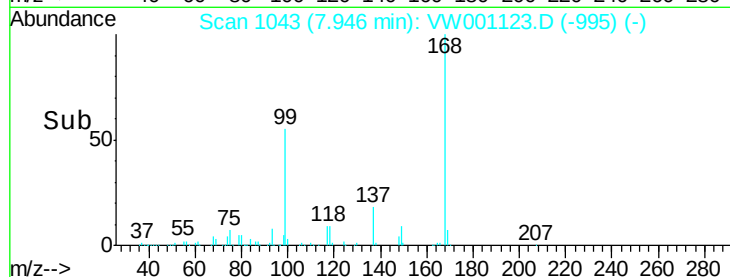
40000

20000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 193

Delta R.T. 0.02 min

Lab File: VW001123.D

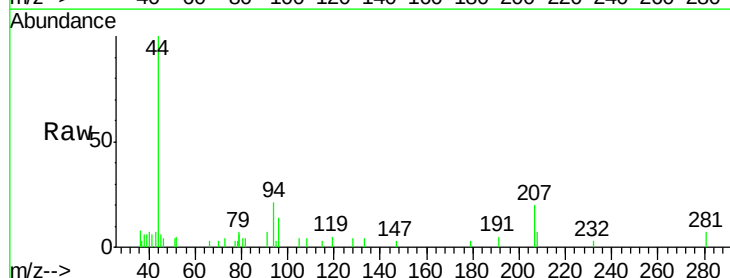
Acq: 29 Jan 2018 17:13

Tgt Ion: 94 Resp: 843

Ion Ratio Lower Upper

94 100

96 46.8 73.7 110.5#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

400

300

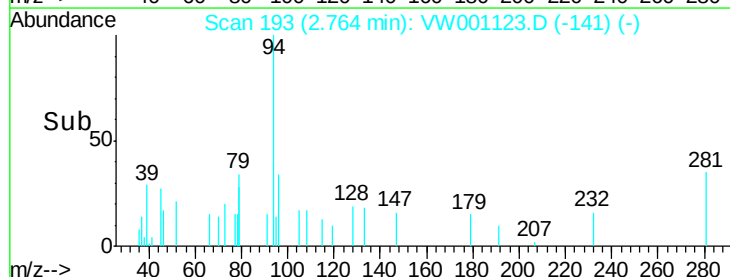
200

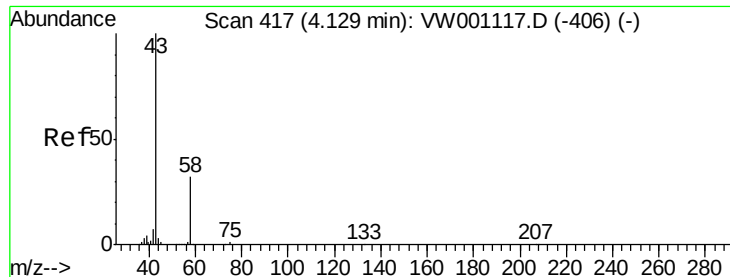
100

0

Time-->

2.70 2.75 2.80 2.85





#16

Acetone

Concen: 13.63 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.00 min

Lab File: VW001123.D

Acq: 29 Jan 2018 17:13

Instrument :

MSVOA_W

ClientSampleId :

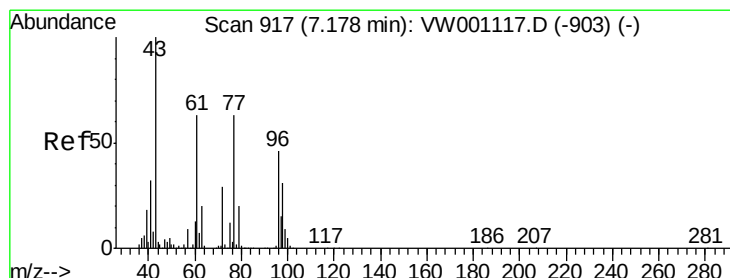
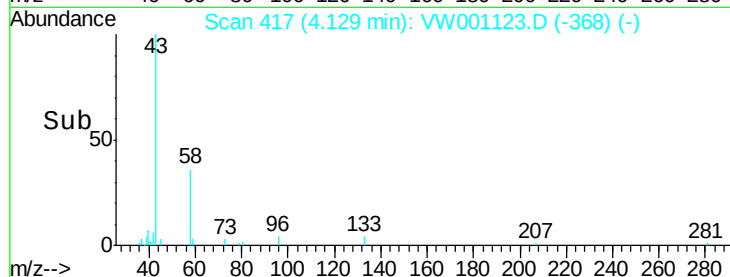
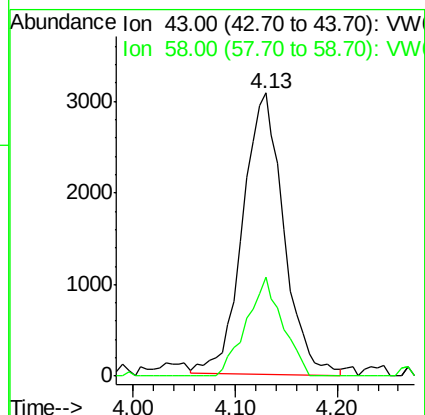
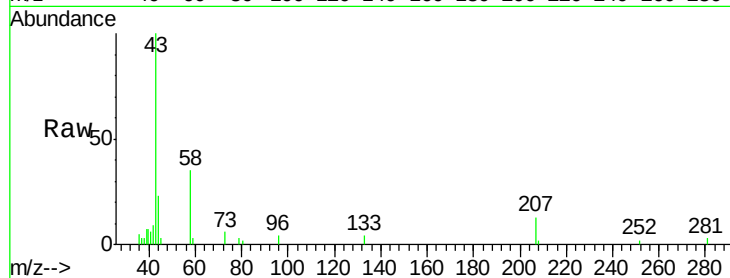
VW0129SBL01

Tgt Ion: 43 Resp: 8542

Ion Ratio Lower Upper

43 100

58 35.8 25.7 38.5



#25

2-Butanone

Concen: 1.10 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW001123.D

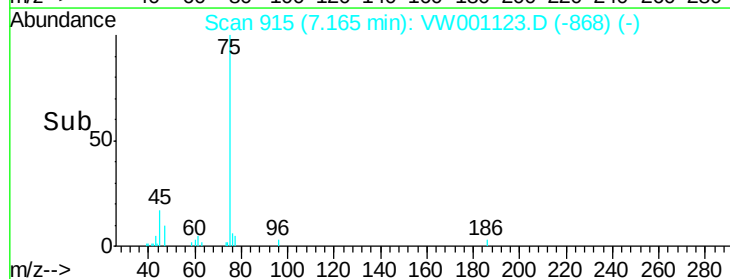
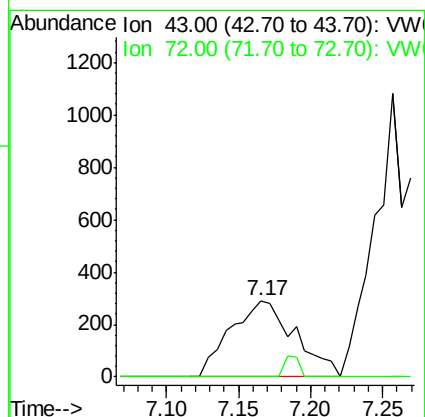
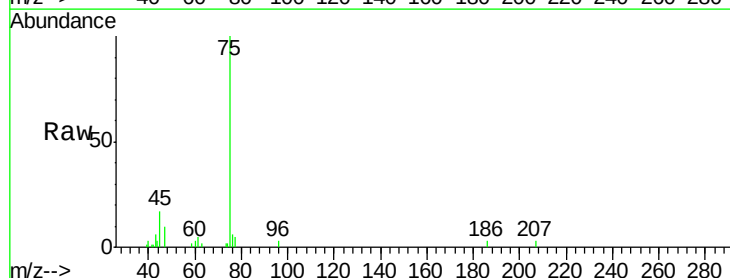
Acq: 29 Jan 2018 17:13

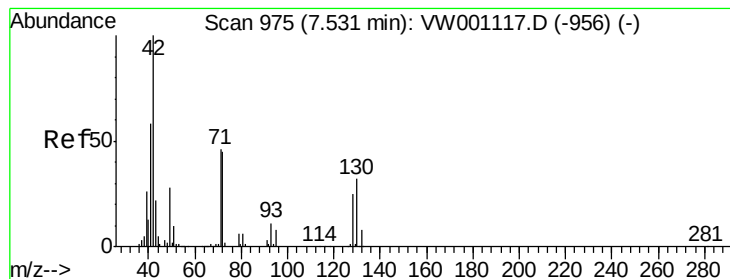
Tgt Ion: 43 Resp: 906

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#





#29

Tetrahydrofuran

Concen: 1.09 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.02 min

Lab File: VW001123.D

Acq: 29 Jan 2018 17:13

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBL01

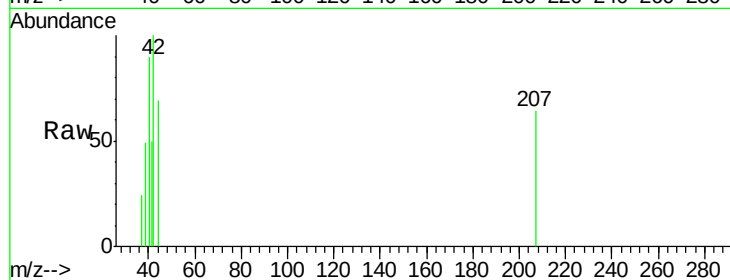
Tgt Ion: 42 Resp: 510

Ion Ratio Lower Upper

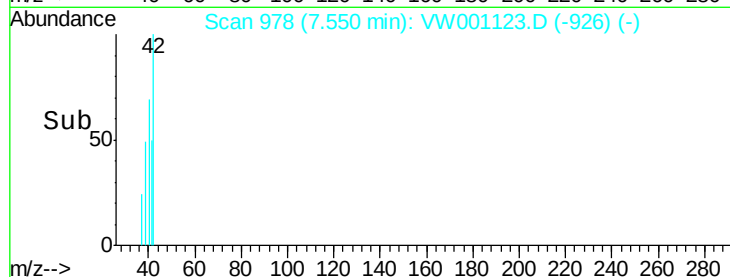
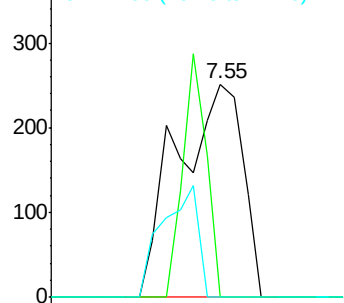
42 100

72 41.6 36.8 55.2

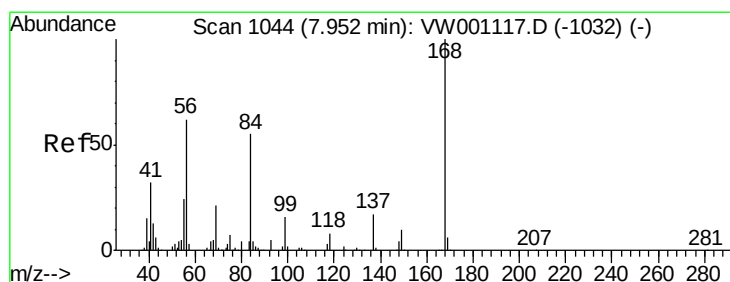
71 28.8 35.1 52.7#



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



Time-->



#31

Cyclohexane

Concen: 1.53 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW001123.D

Acq: 29 Jan 2018 17:13

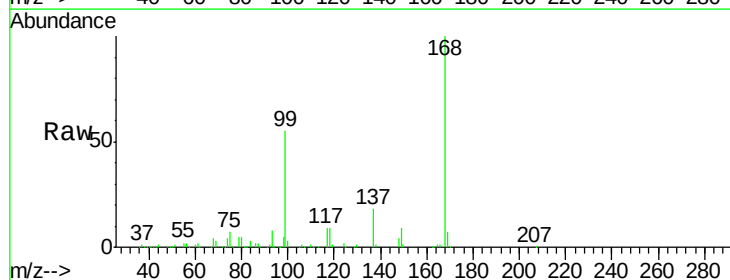
Tgt Ion: 56 Resp: 5419

Ion Ratio Lower Upper

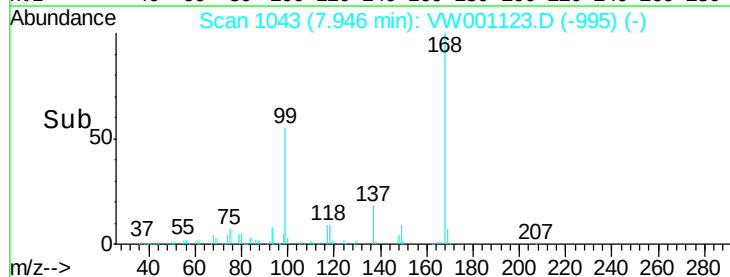
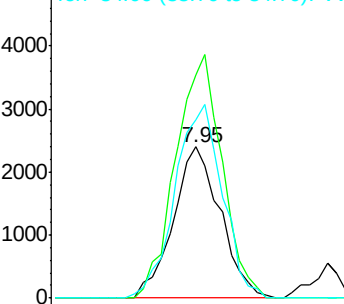
56 100

69 147.6 27.4 41.0#

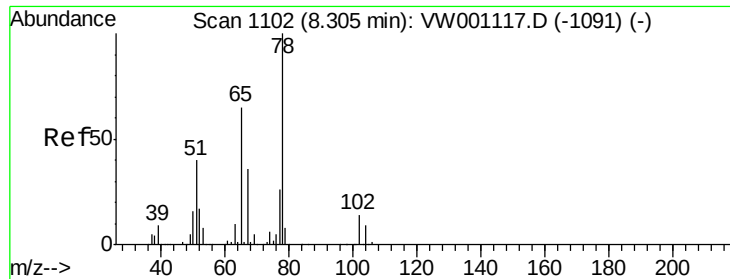
84 117.7 71.1 106.7#



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



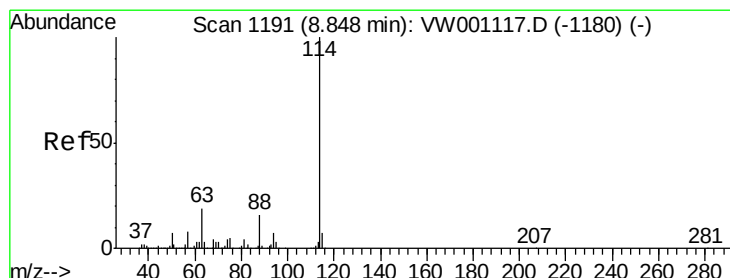
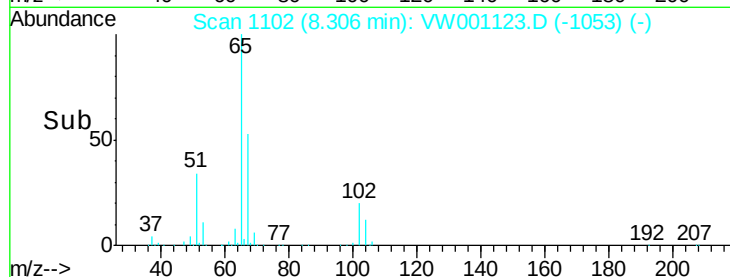
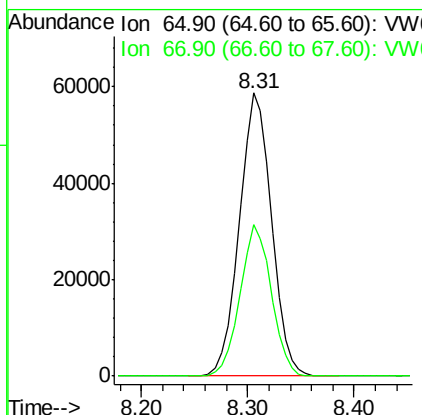
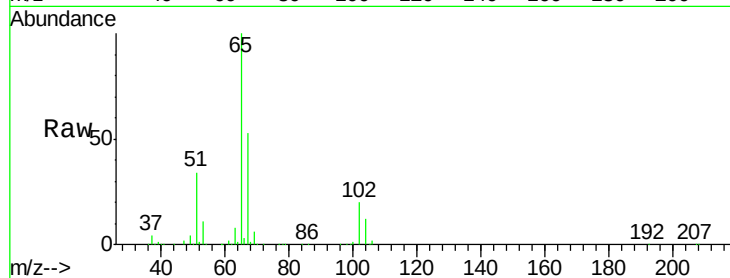
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: 52.27 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW001123.D
 Acq: 29 Jan 2018 17:13

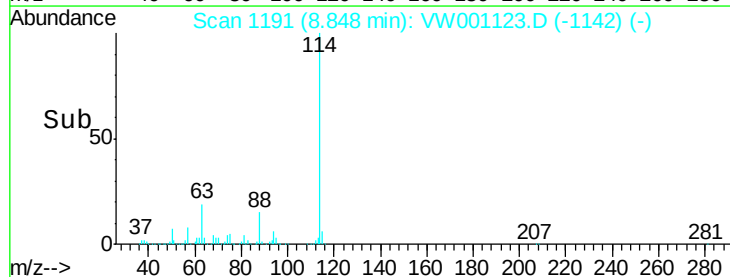
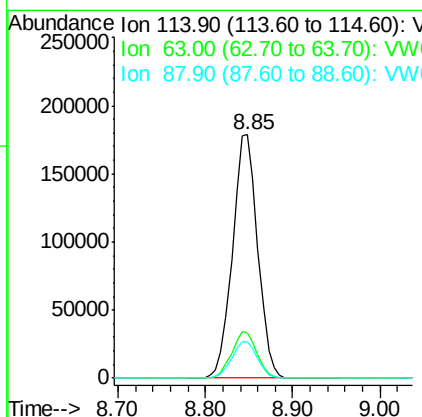
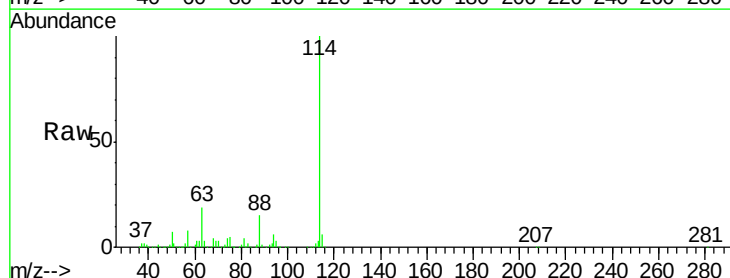
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBL01

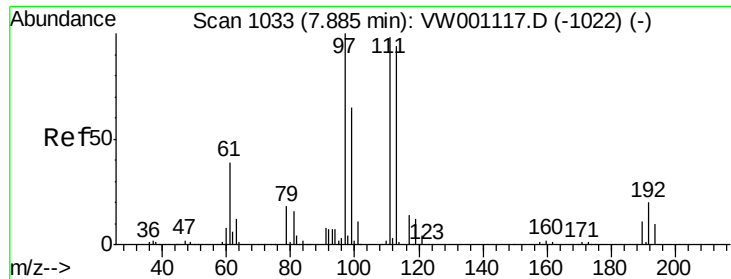
Tgt Ion: 65 Resp: 124619
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW001123.D
 Acq: 29 Jan 2018 17:13

Tgt Ion: 114 Resp: 356768
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.2
 88 15.1 0.0 31.0

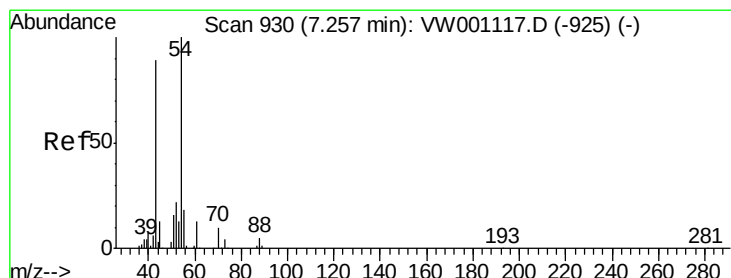
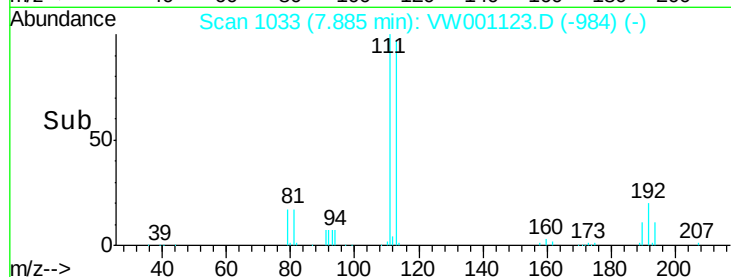
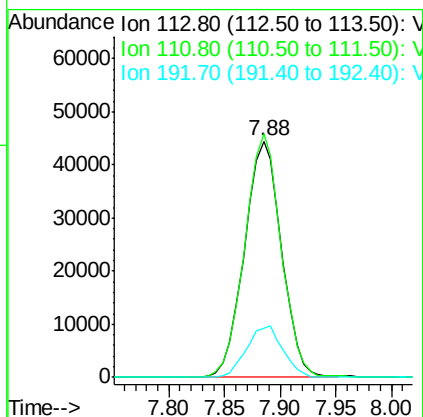
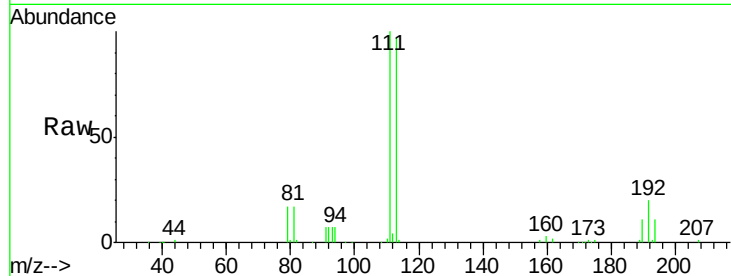




#35
 Dibromofluoromethane
 Concen: 45.16 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW001123.D
 Acq: 29 Jan 2018 17:13

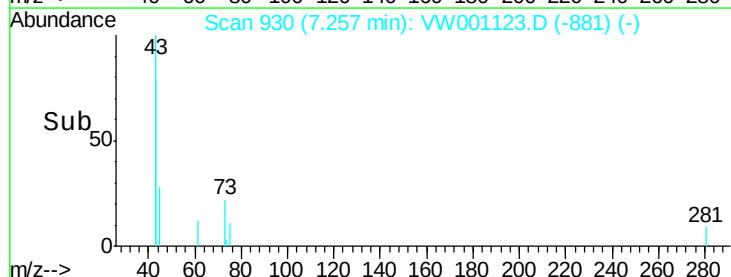
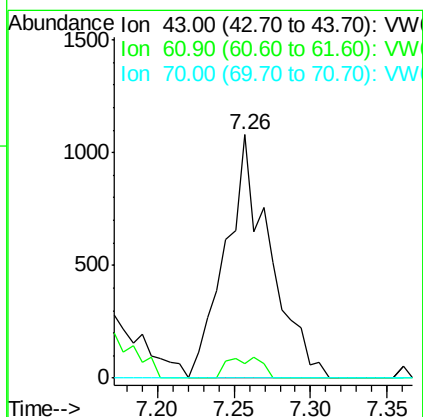
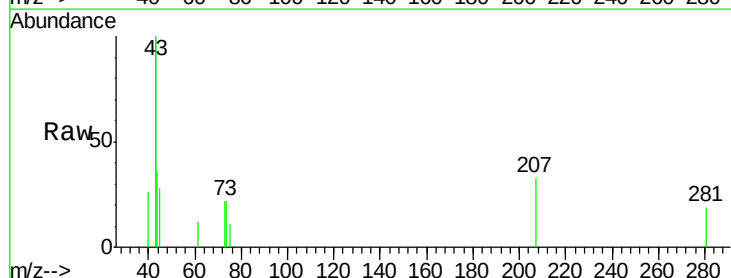
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBL01

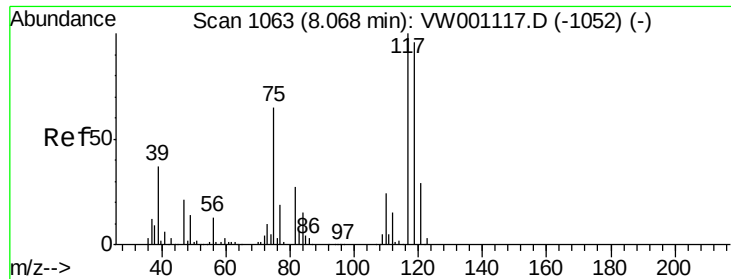
Tgt Ion:113 Resp: 103047
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.1 124.7
 192 21.3 17.8 26.6



#37
 Ethyl Acetate
 Concen: 1.28 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VW001123.D
 Acq: 29 Jan 2018 17:13

Tgt Ion: 43 Resp: 2178
 Ion Ratio Lower Upper
 43 100
 61 6.6 11.9 17.9#
 70 0.0 9.4 14.0#

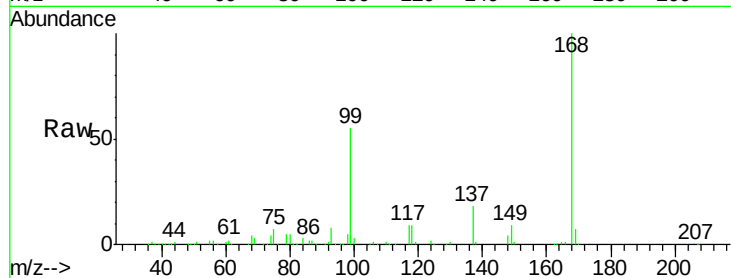




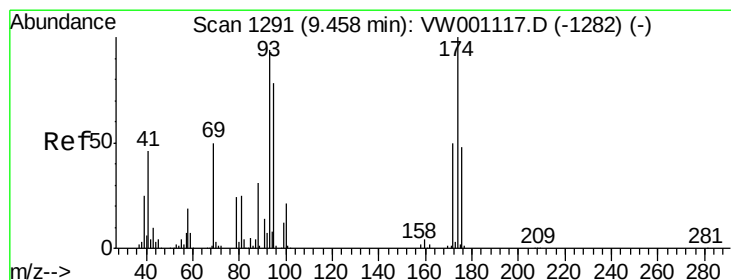
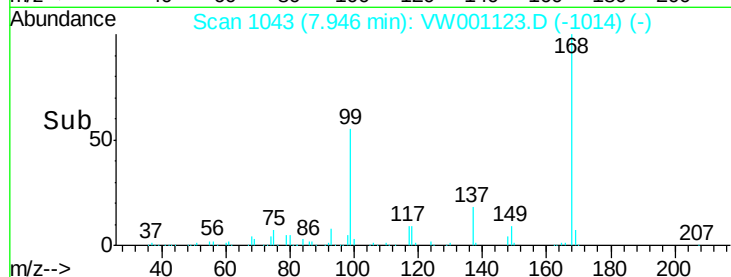
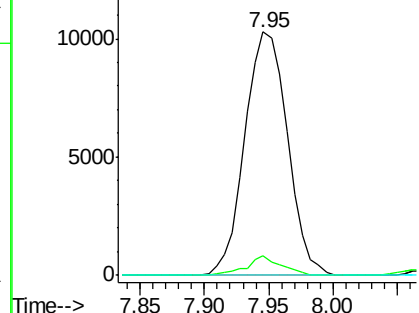
#38
Carbon Tetrachloride
Concen: 6.57 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW001123.D
Acq: 29 Jan 2018 17:13

Instrument :
MSVOA_W
ClientSampled :
VW0129SBL01

Tgt Ion: 117 Resp: 23620
Ion Ratio Lower Upper
117 100
119 8.3 77.0 115.4#
121 0.0 23.5 35.3#

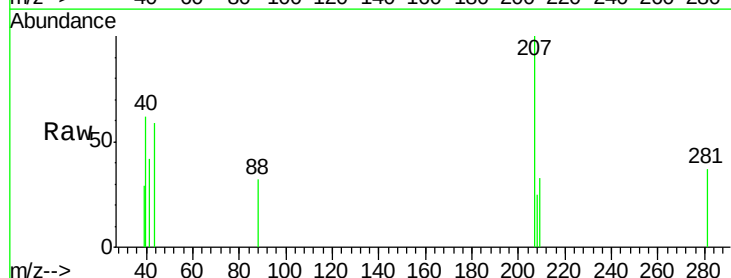


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

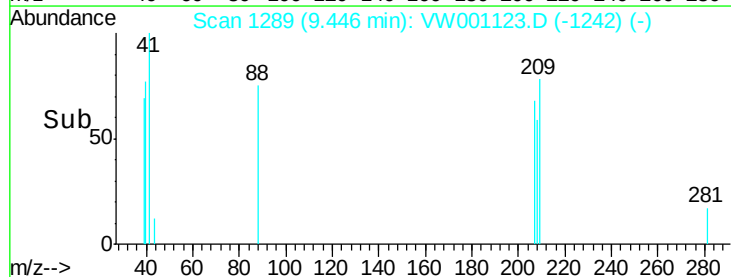
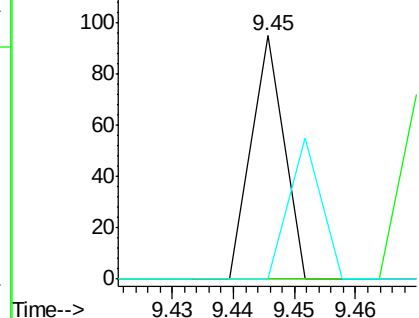


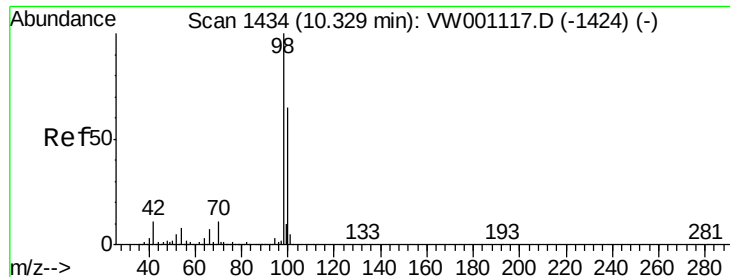
#49
1,4-Dioxane
Concen: 1.46 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. -0.01 min
Lab File: VW001123.D
Acq: 29 Jan 2018 17:13

Tgt Ion: 88 Resp: 35
Ion Ratio Lower Upper
88 100
43 0.0 23.0 34.6#
58 57.1 53.9 80.9



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

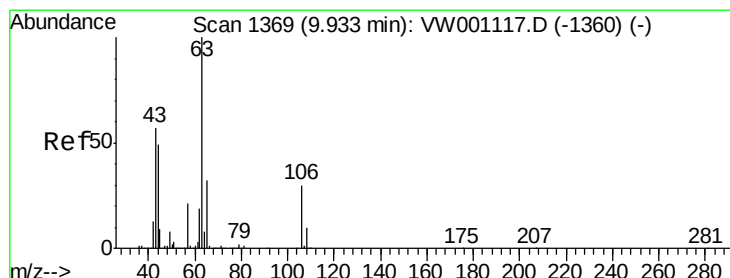
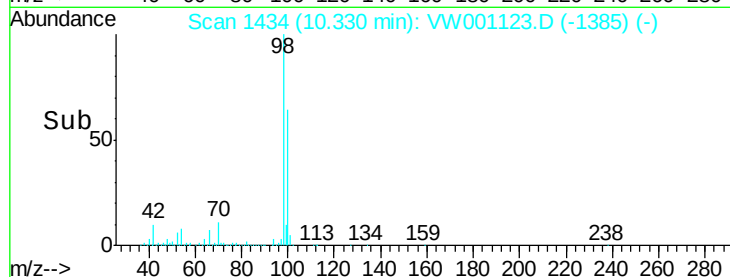
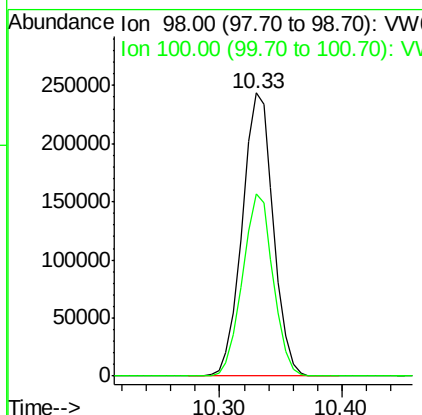
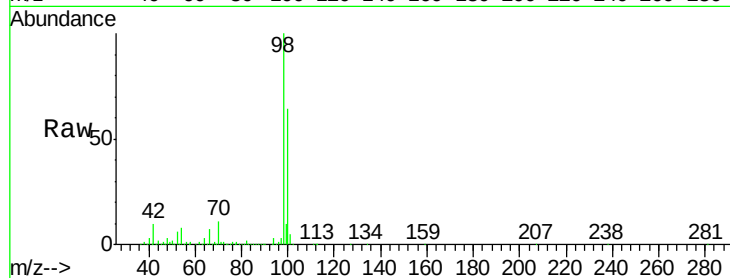




#50
Toluene-d8
Concen: 48.74 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW001123.D
Acq: 29 Jan 2018 17:13

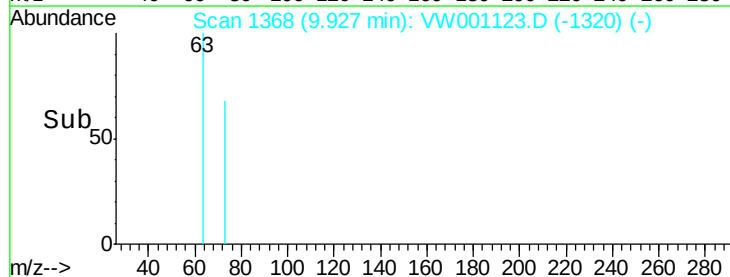
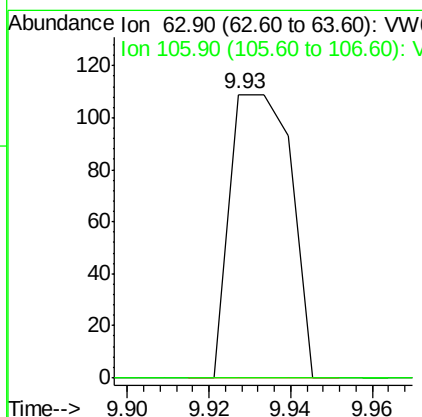
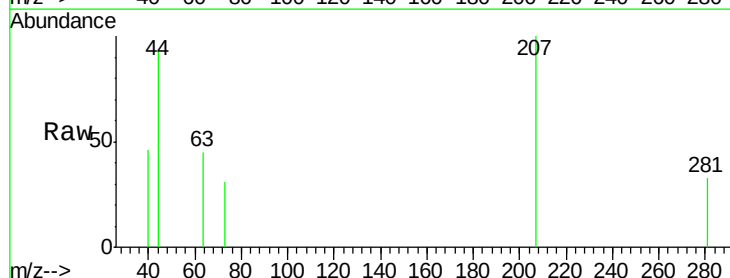
Instrument :
MSVOA_W
ClientSampled :
VW0129SBL01

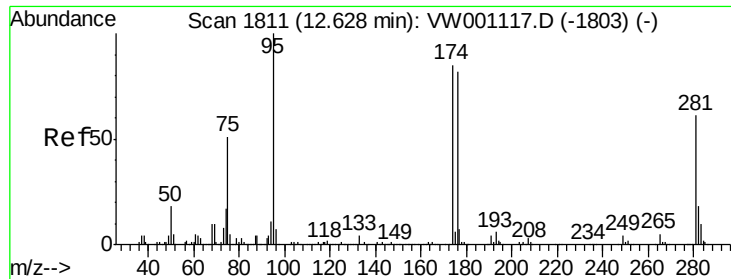
Tgt Ion: 98 Resp: 428119
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9



#58
2-Chloroethyl Vinyl ether
Concen: 23.47 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VW001123.D
Acq: 29 Jan 2018 17:13

Tgt Ion: 63 Resp: 114
Ion Ratio Lower Upper
63 100
106 0.0 24.2 36.4#

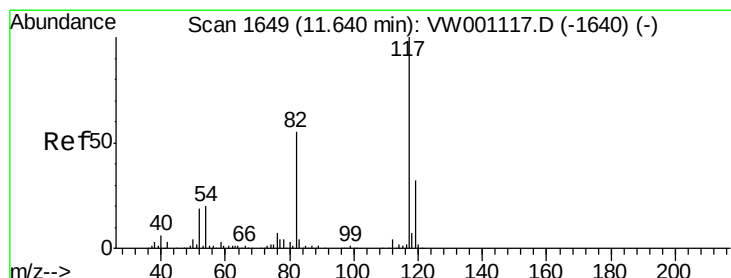
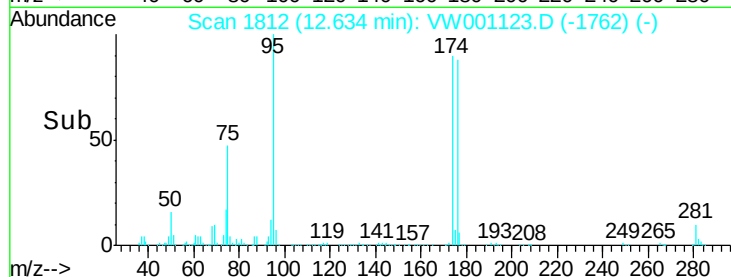
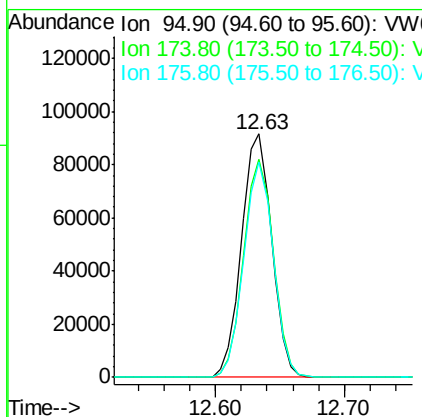
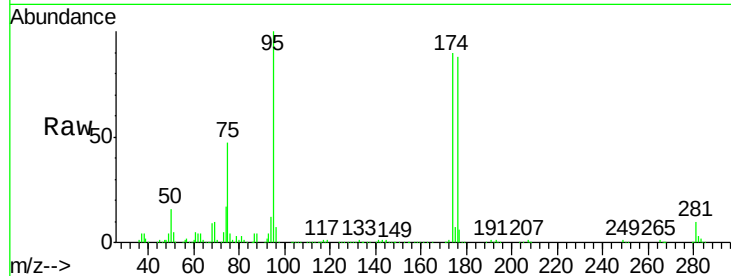




#62
4-Bromofluorobenzene
Concen: 45.78 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW001123.D
Acq: 29 Jan 2018 17:13

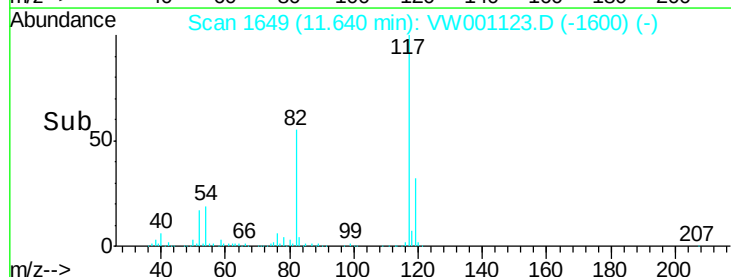
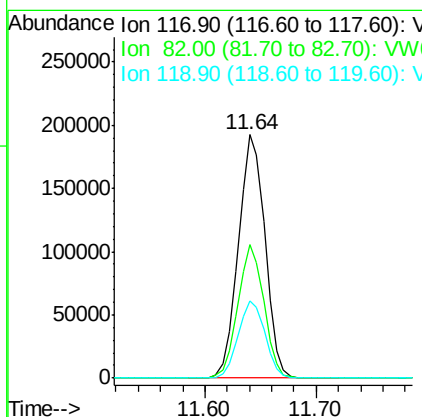
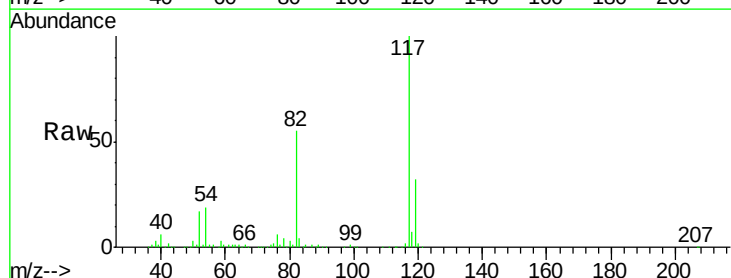
Instrument :
MSVOA_W
ClientSampleId :
VW0129SBL01

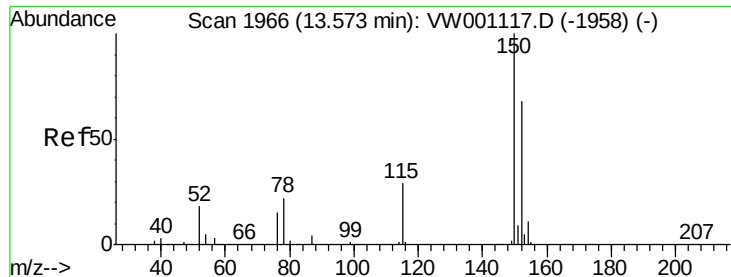
Tgt Ion: 95 Resp: 148180
Ion Ratio Lower Upper
95 100
174 88.7 0.0 179.6
176 86.3 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW001123.D
Acq: 29 Jan 2018 17:13

Tgt Ion: 117 Resp: 317841
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 31.6 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW001123.D

Acq: 29 Jan 2018 17:13

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBL01

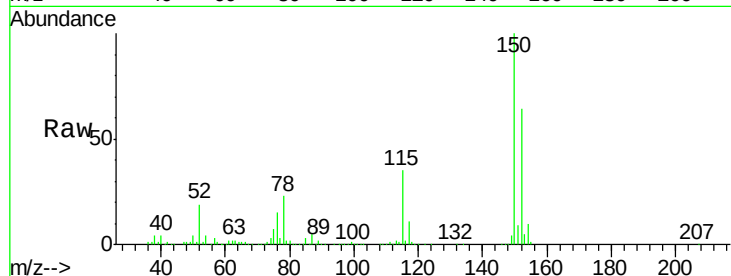
Tgt Ion:152 Resp: 170427

Ion Ratio Lower Upper

152 100

115 55.3 28.4 85.3

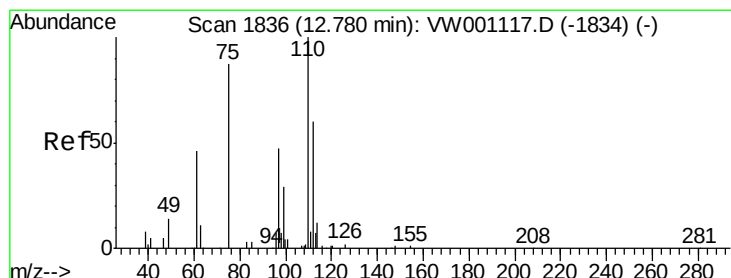
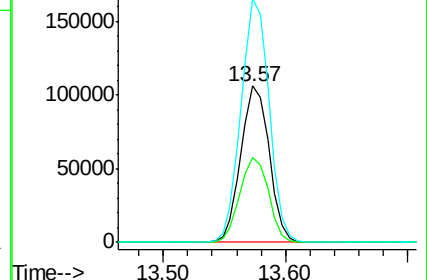
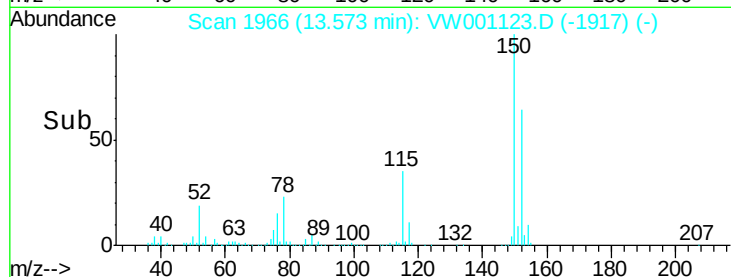
150 154.1 0.0 342.4



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: 42.36 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW001123.D

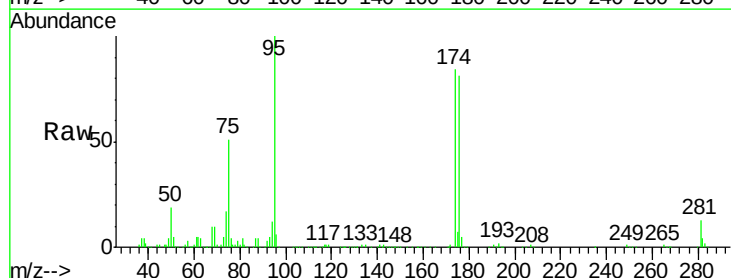
Acq: 29 Jan 2018 17:13

Tgt Ion: 75 Resp: 73175

Ion Ratio Lower Upper

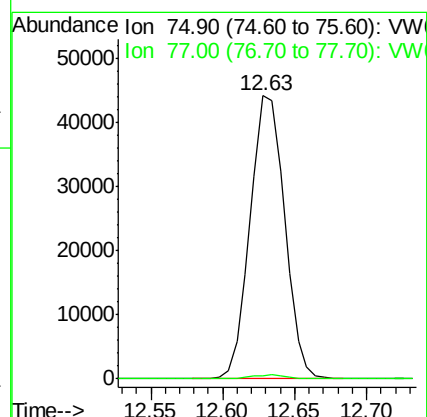
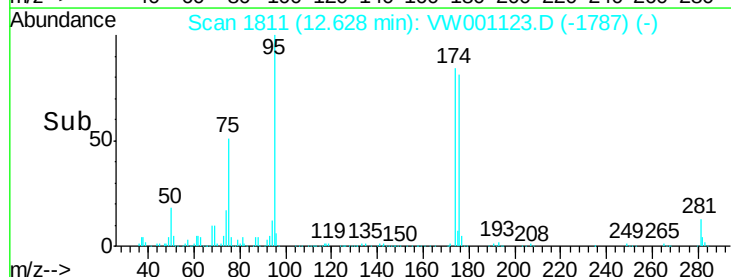
75 100

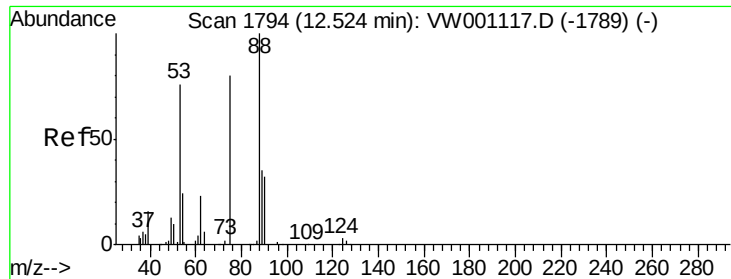
77 1.5 0.0 0.0#



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: 111.39 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW001123.D

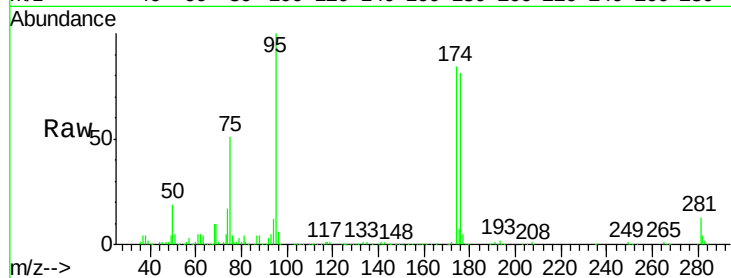
Acq: 29 Jan 2018 17:13

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBL01



Tgt Ion:	75	Resp:	73175
Ion	Ratio	Lower	Upper
75	100		
53	0.1	75.0	112.6#
89	0.1	38.2	57.4#

