

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
 Data File : VW005427.D
 Acq On : 17 Sep 2018 12:31
 Operator : SY/AP
 Sample : J4866-01RE
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-545-180911

Quant Time: Sep 18 01:02:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	210205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	331128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	306017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	147236	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	113403	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
35) Dibromofluoromethane	7.89	113	90731	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
50) Toluene-d8	10.33	98	387054	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	
62) 4-Bromofluorobenzene	12.63	95	135797	43.56	ug/l	0.00
Spiked Amount			Recovery	=	87.12%	

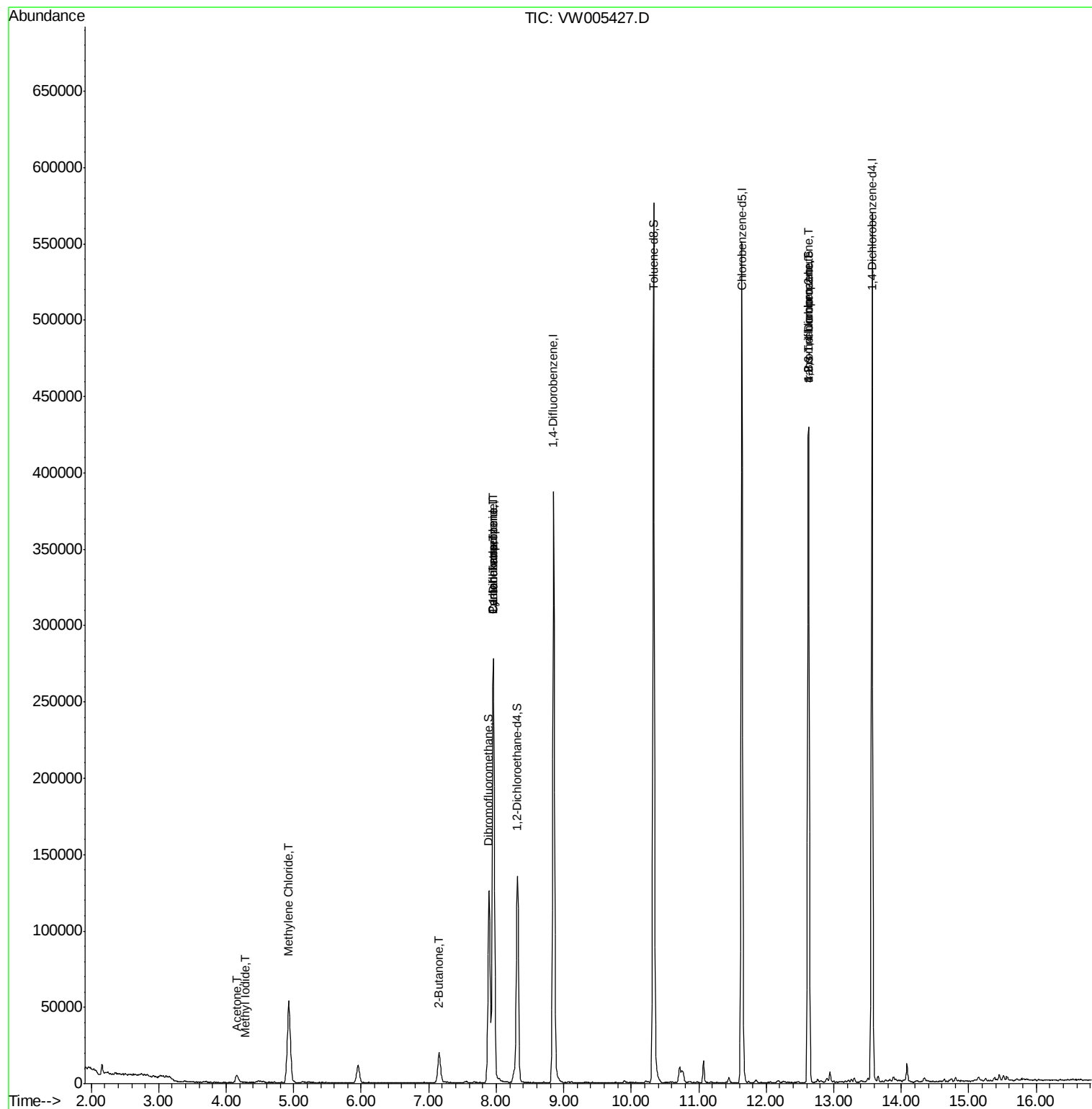
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	206	Below Cal	#	42
5) Bromomethane	2.78	94	236	Below Cal	#	37
10) Methyl Iodide	4.27	142	210	4.136	ug/l #	63
11) Tert butyl alcohol	5.23	59	1046	Below Cal	#	71
16) Acetone	4.15	43	9460	13.073	ug/l	92
20) Methylene Chloride	4.93	84	41075	14.951	ug/l	95
25) 2-Butanone	7.15	43	1127	2.147	ug/l #	49
31) Cyclohexane	7.96	56	4686	1.346	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	15968	5.095	ug/l #	52
38) Carbon Tetrachloride	7.96	117	20838	6.381	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	72214	59.633	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72214	154.691	ug/l #	8

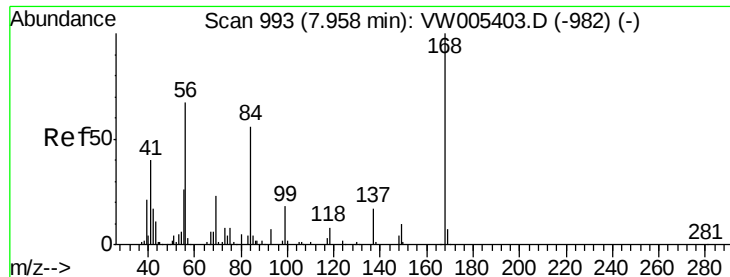
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005427.D

Acq: 17 Sep 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

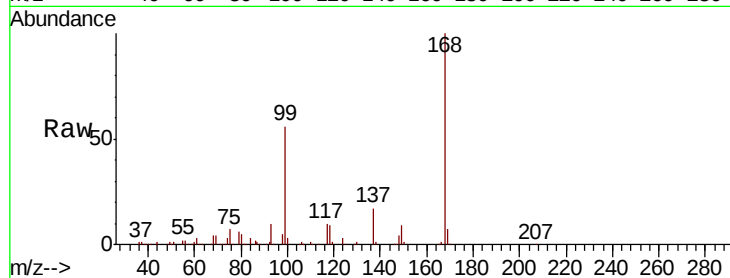
SP-545-180911

Tgt Ion:168 Resp: 210205

Ion Ratio Lower Upper

168 100

99 55.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

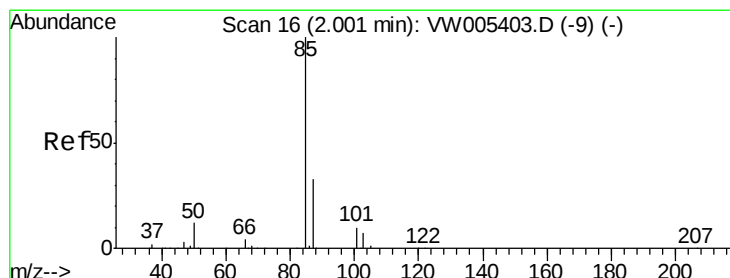
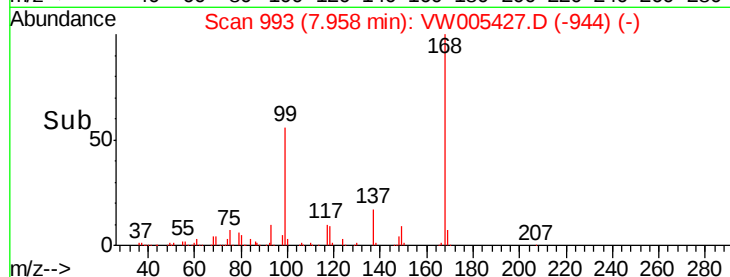
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005427.D

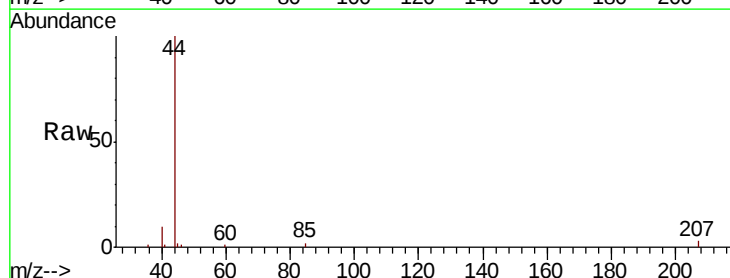
Acq: 17 Sep 2018 12:31

Tgt Ion: 85 Resp: 206

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

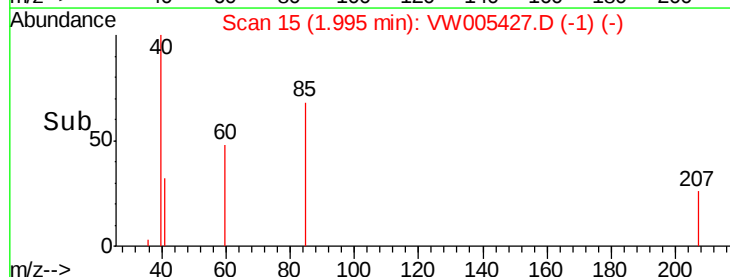
2.00

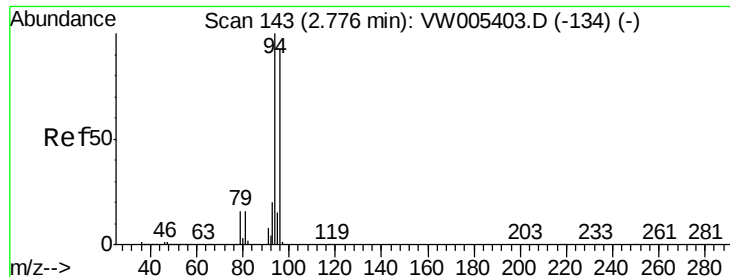
100

50

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW005427.D

Acq: 17 Sep 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

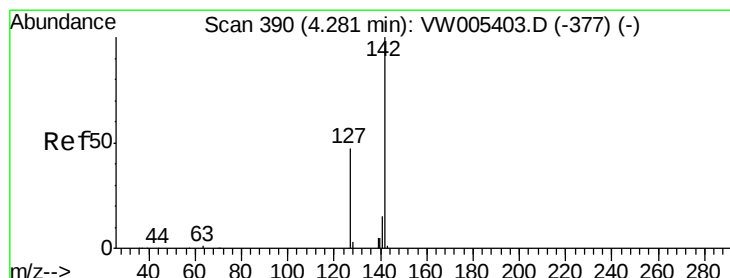
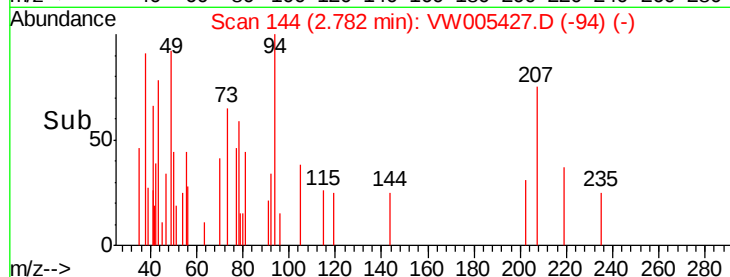
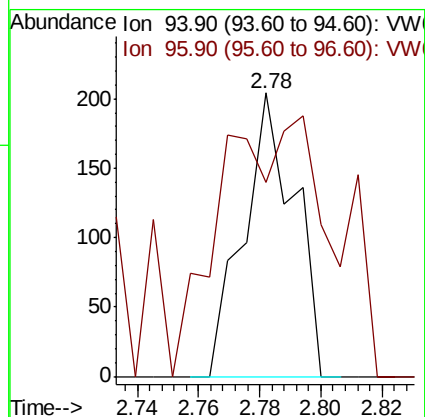
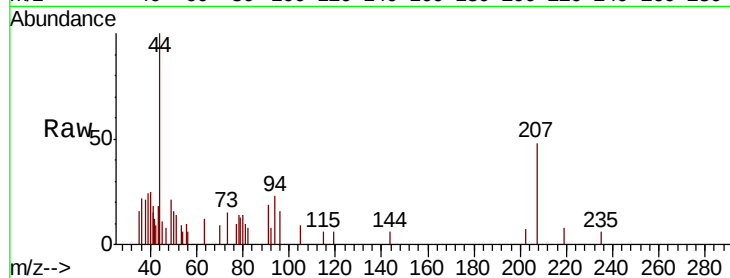
SP-545-180911

Tgt Ion: 94 Resp: 236

Ion Ratio Lower Upper

94 100

96 32.4 73.7 110.5#



#10

Methyl Iodide

Concen: 4.136 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW005427.D

Acq: 17 Sep 2018 12:31

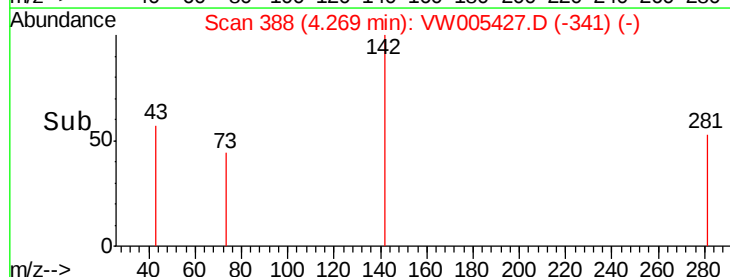
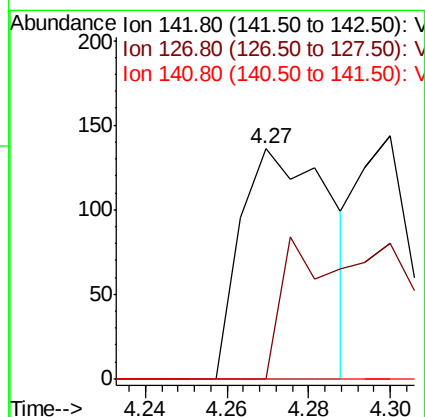
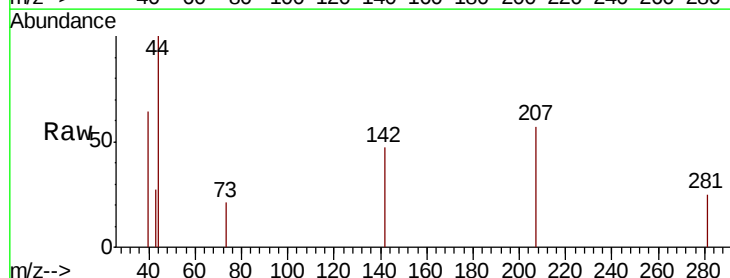
Tgt Ion: 142 Resp: 210

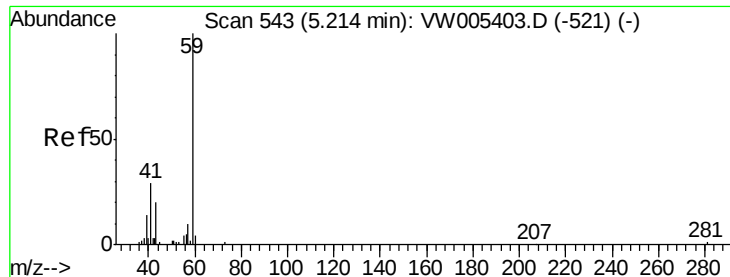
Ion Ratio Lower Upper

142 100

127 71.4 37.5 56.3#

141 0.0 12.4 18.6#

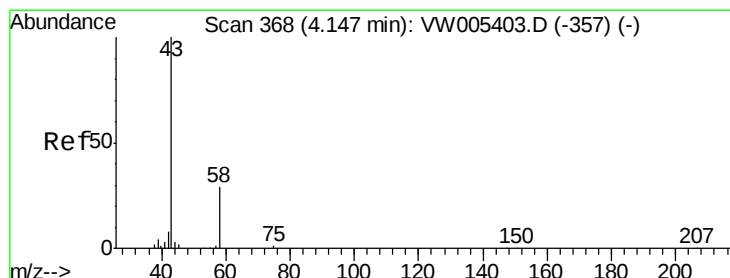
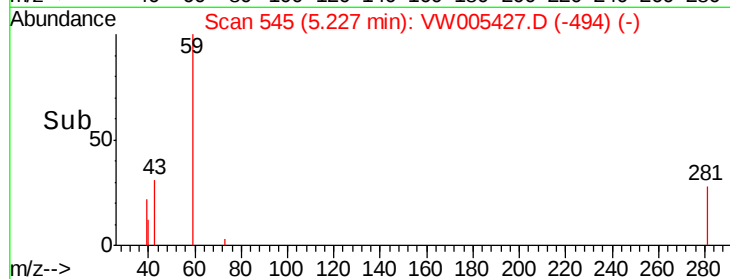
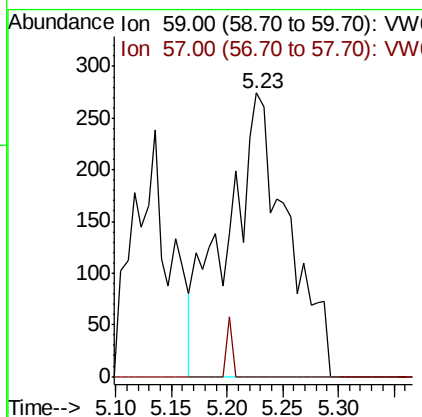
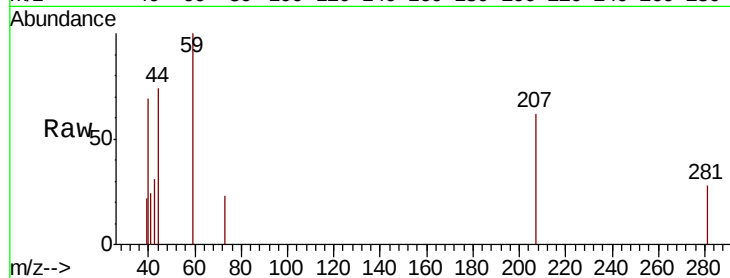




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW005427.D
Acq: 17 Sep 2018 12:31

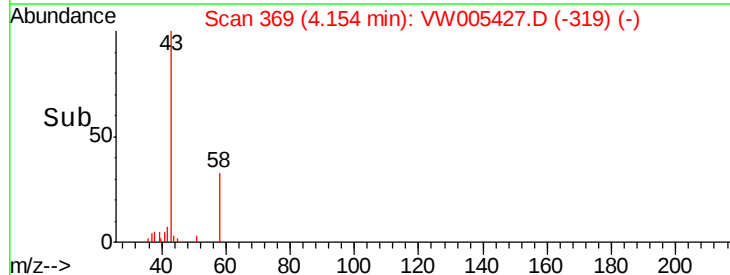
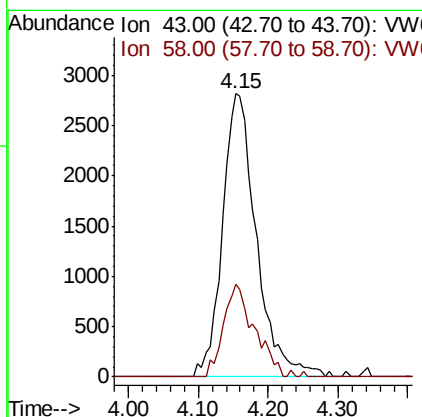
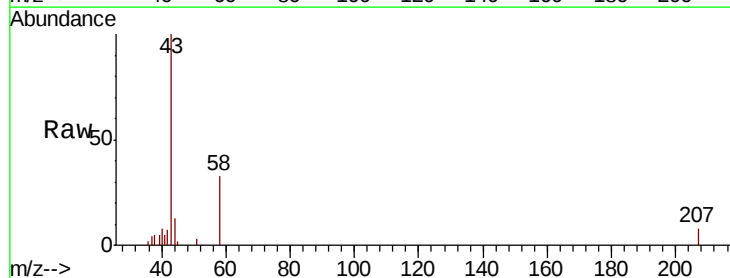
Instrument :
MSVOA_W
ClientSampleId :
SP-545-180911

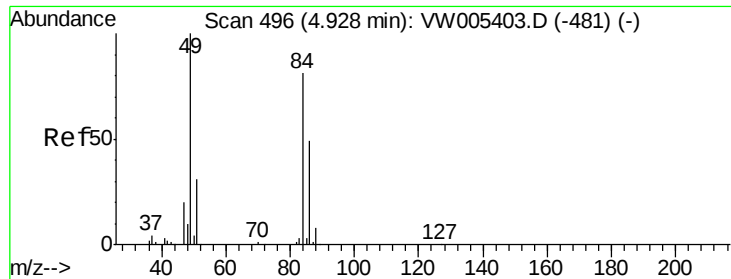
Tgt Ion: 59 Resp: 1046
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#16
Acetone
Concen: 13.073 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW005427.D
Acq: 17 Sep 2018 12:31

Tgt Ion: 43 Resp: 9460
Ion Ratio Lower Upper
43 100
58 33.0 22.8 34.2

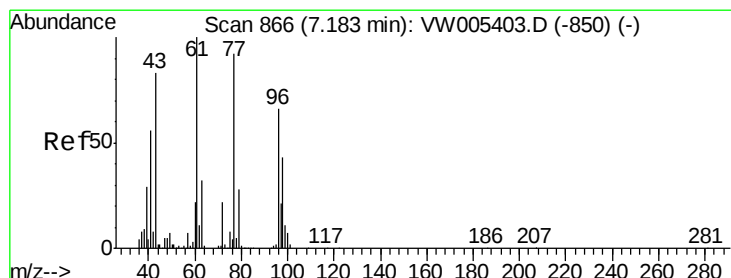
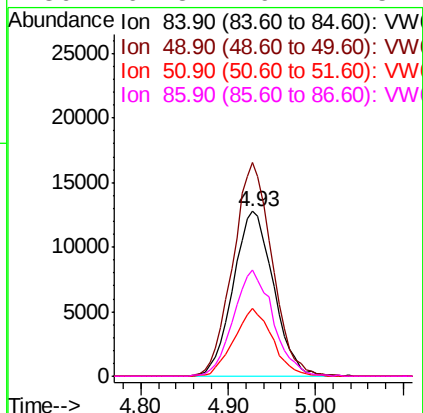
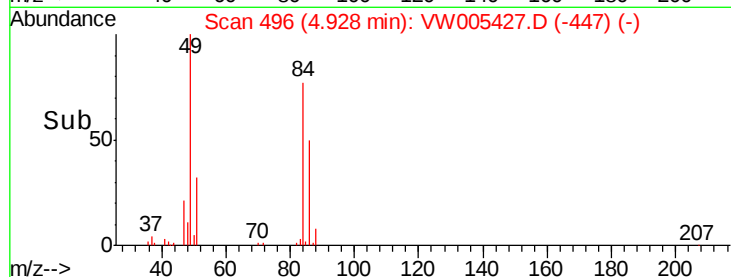
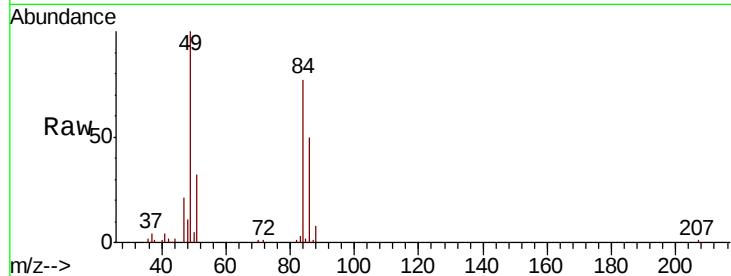




#20
Methylene Chloride
Concen: 14.951 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005427.D
Acq: 17 Sep 2018 12:31

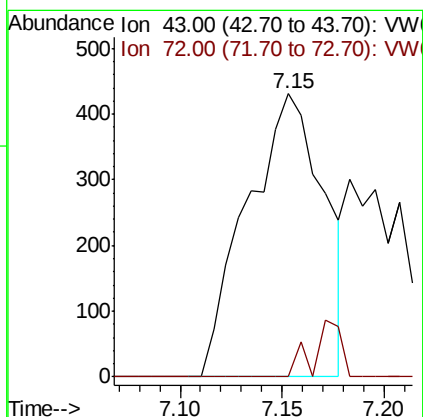
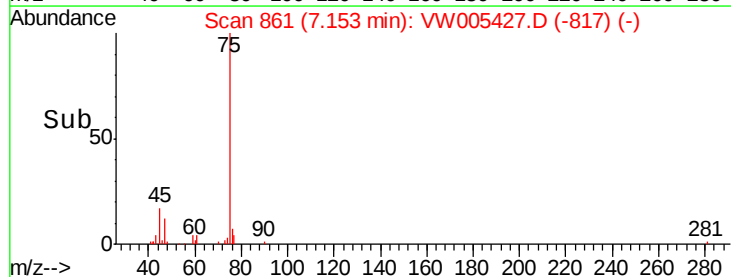
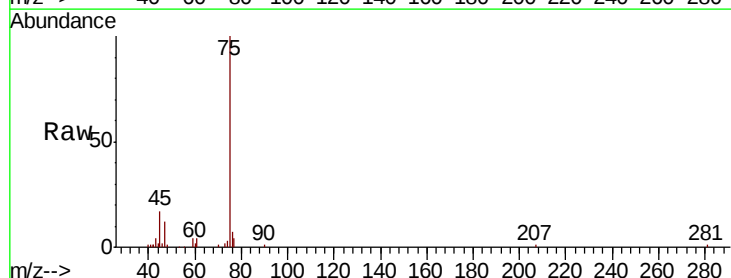
Instrument :
MSVOA_W
ClientSampleId :
SP-545-180911

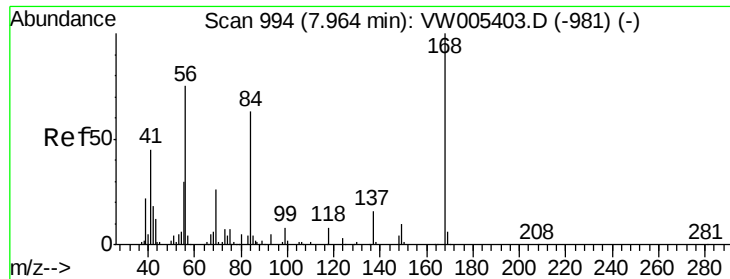
Tgt Ion: 84 Resp: 41075
Ion Ratio Lower Upper
84 100
49 129.8 99.3 148.9
51 41.6 31.1 46.7
86 64.8 49.1 73.7



#25
2-Butanone
Concen: 2.147 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW005427.D
Acq: 17 Sep 2018 12:31

Tgt Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#

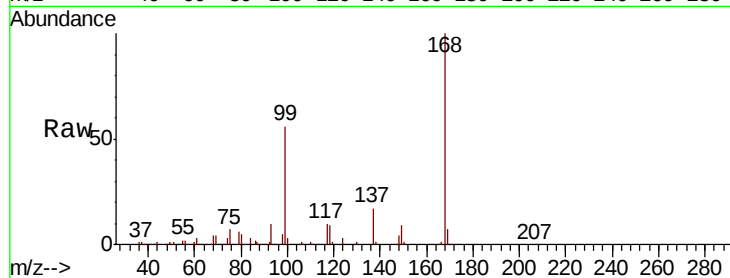




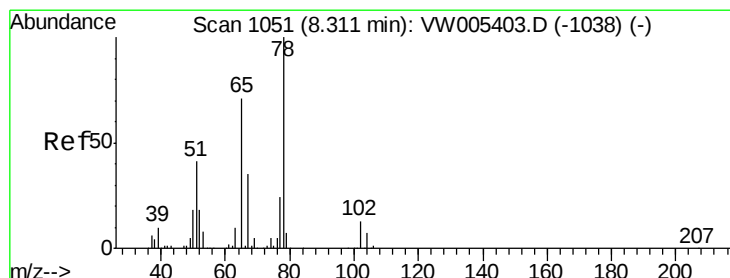
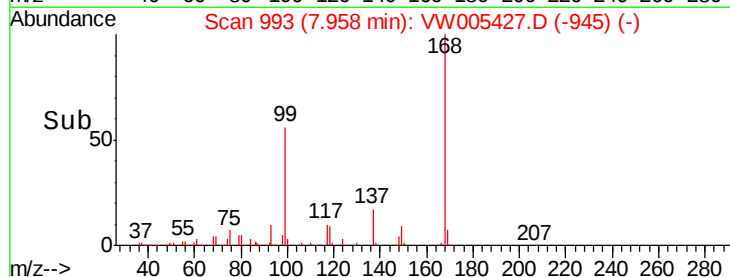
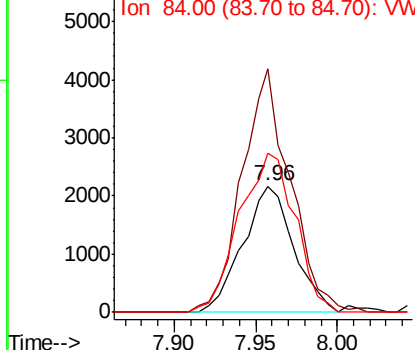
#31
Cyclohexane
Concen: 1.346 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005427.D
Acq: 17 Sep 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
SP-545-180911

Tgt Ion: 56 Resp: 4686
Ion Ratio Lower Upper
56 100
69 192.6 27.2 40.8#
84 125.7 66.7 100.1#

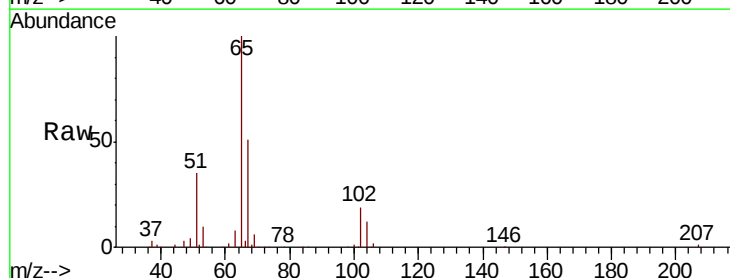


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

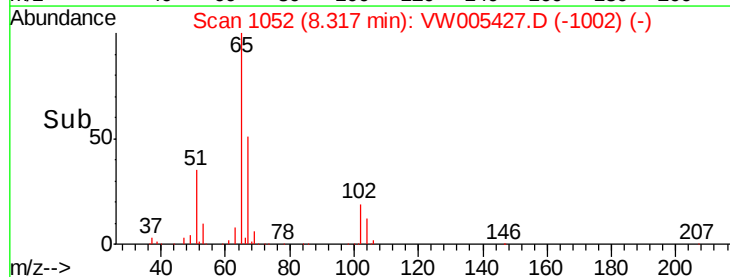
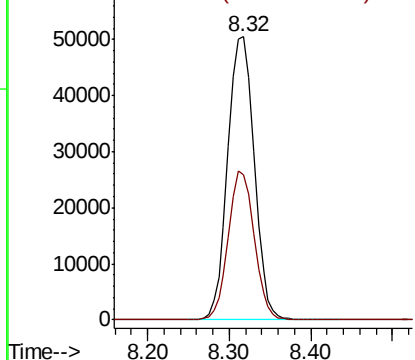


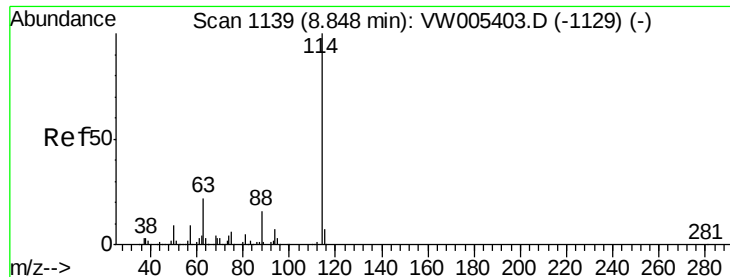
#33
1,2-Dichloroethane-d4
Concen: 51.973 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VW005427.D
Acq: 17 Sep 2018 12:31

Tgt Ion: 65 Resp: 113403
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.6



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

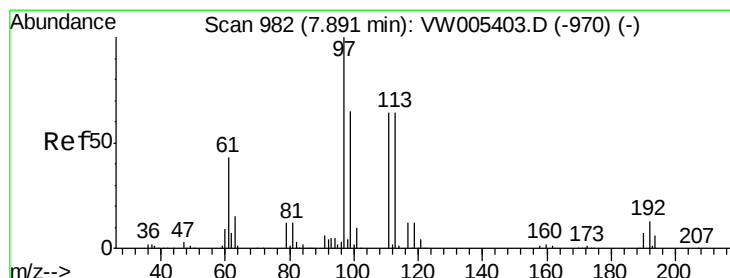
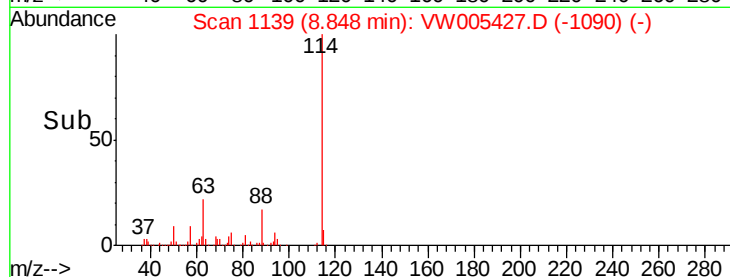
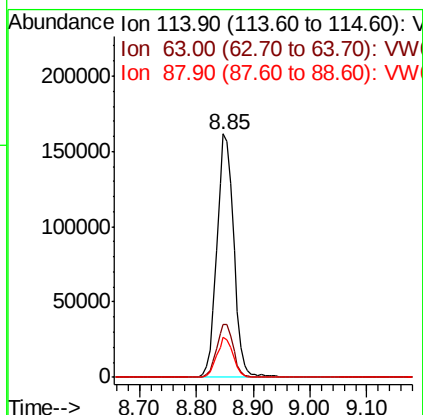
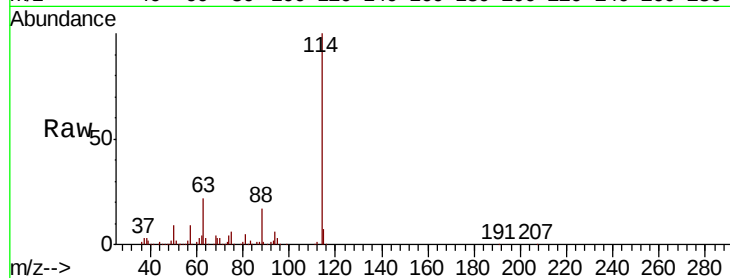




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005427.D
 Acq: 17 Sep 2018 12:31

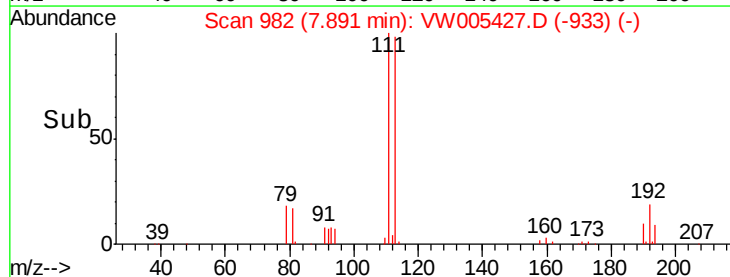
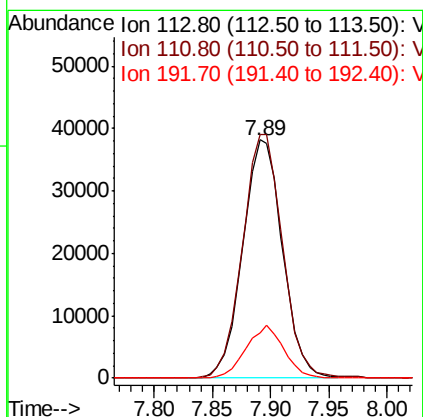
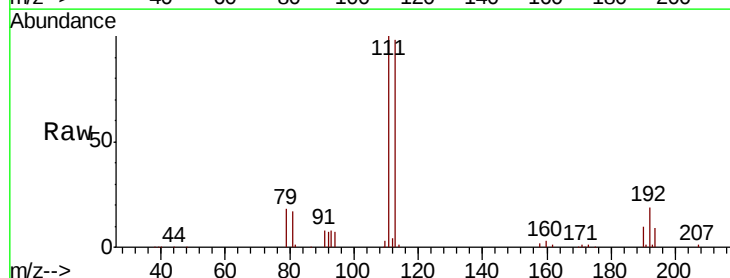
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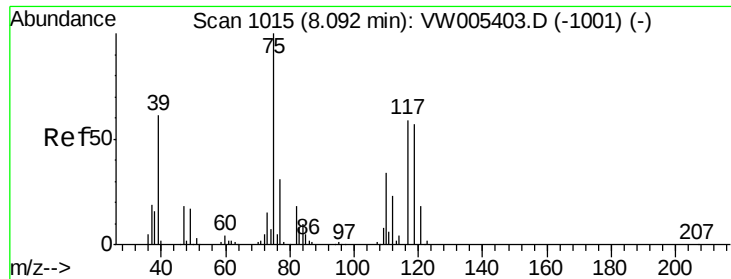
Tgt Ion:114 Resp: 331128
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 16.5 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 48.870 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005427.D
 Acq: 17 Sep 2018 12:31

Tgt Ion:113 Resp: 90731
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.3 123.5
 192 21.1 16.5 24.7

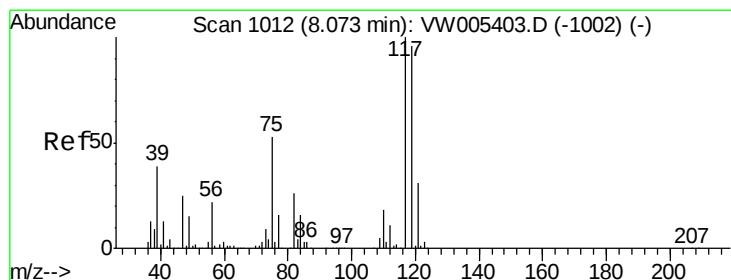
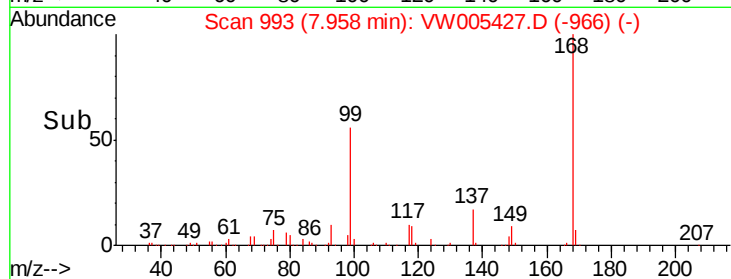
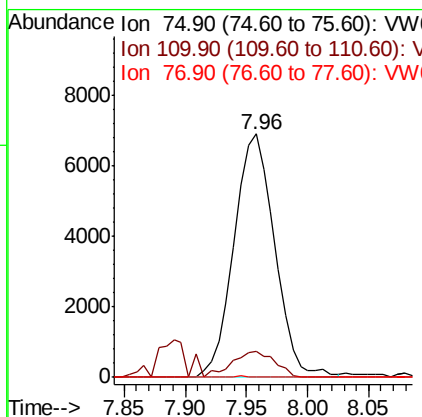
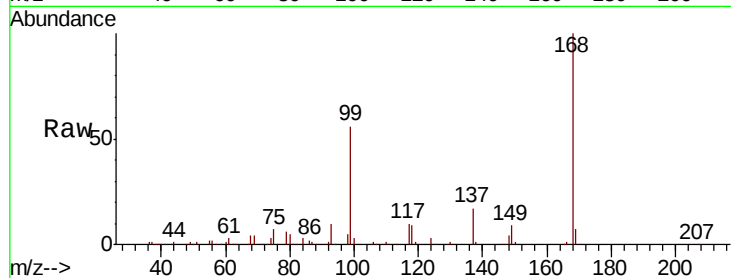




#36
 1,1-Dichloropropene
 Concen: 5.095 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005427.D
 Acq: 17 Sep 2018 12:31

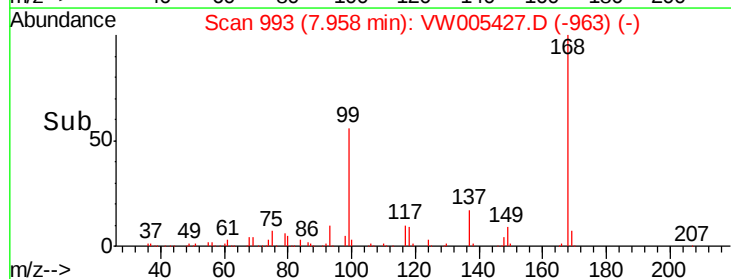
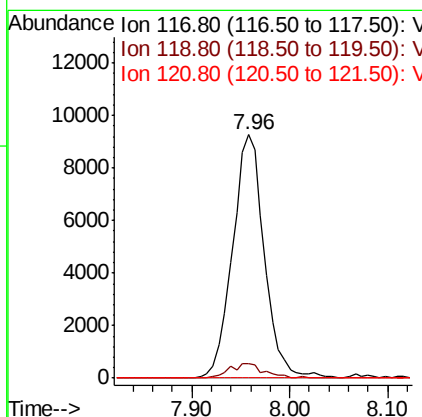
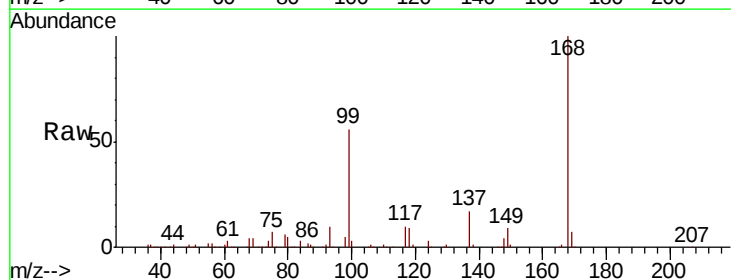
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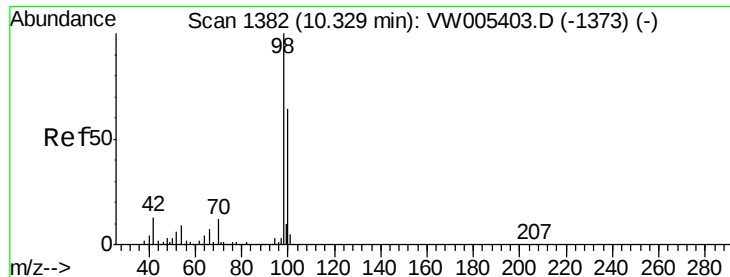
Tgt Ion: 75 Resp: 15968
 Ion Ratio Lower Upper
 75 100
 110 10.5 16.8 50.4#
 77 0.1 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 6.381 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW005427.D
 Acq: 17 Sep 2018 12:31

Tgt Ion: 117 Resp: 20838
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.8 115.2#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 45.523 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005427.D

Acq: 17 Sep 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

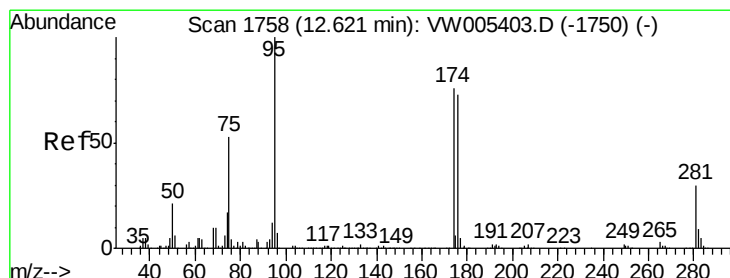
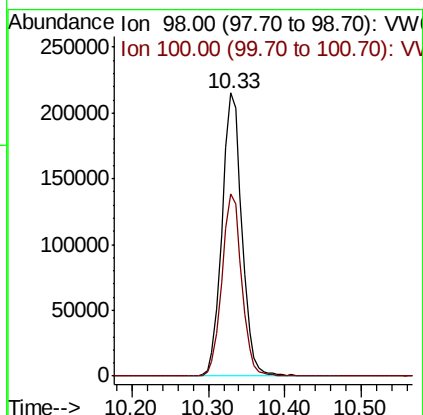
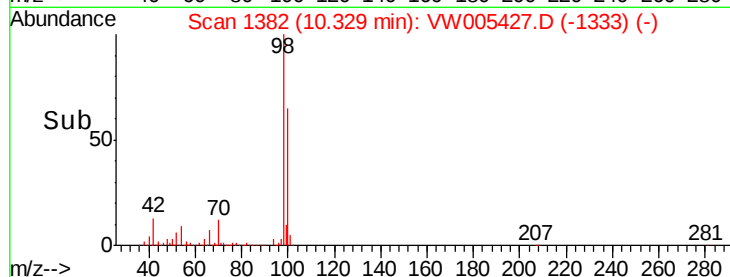
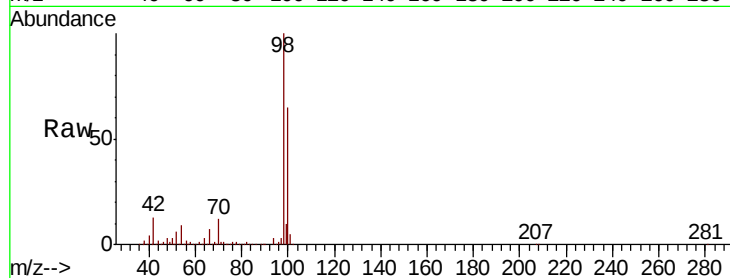
SP-545-180911

Tgt Ion: 98 Resp: 387054

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 43.559 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005427.D

Acq: 17 Sep 2018 12:31

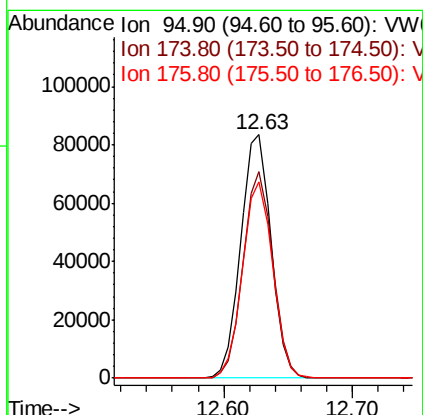
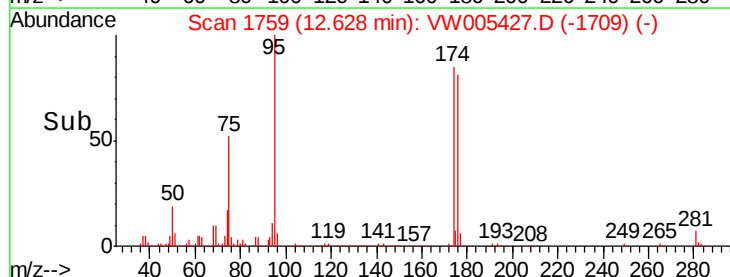
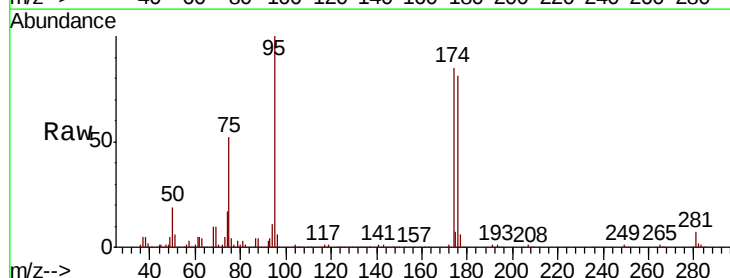
Tgt Ion: 95 Resp: 135797

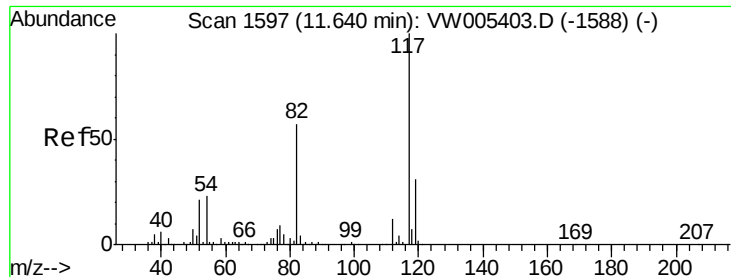
Ion Ratio Lower Upper

95 100

174 83.0 0.0 161.2

176 80.3 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005427.D

Acq: 17 Sep 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

SP-545-180911

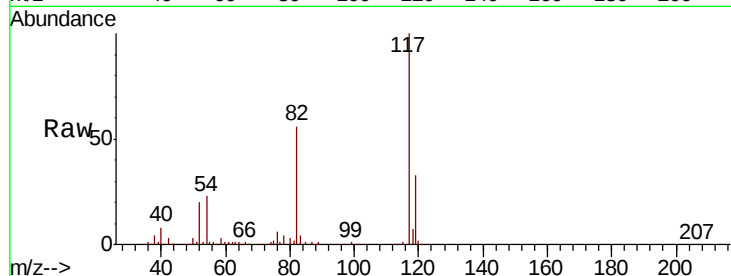
Tgt Ion:117 Resp: 306017

Ion Ratio Lower Upper

117 100

82 56.3 45.9 68.9

119 32.8 24.8 37.2

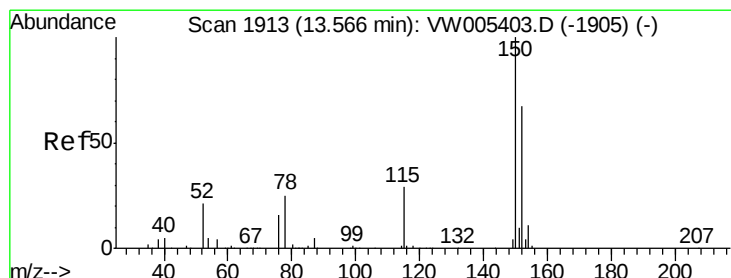
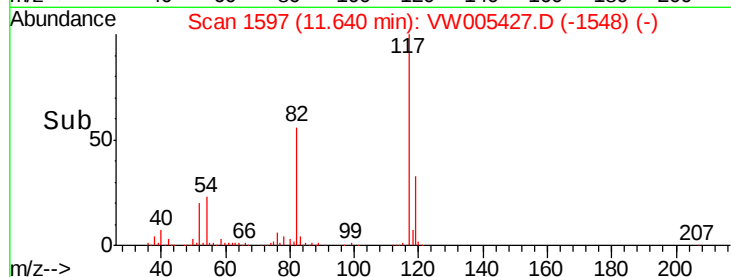
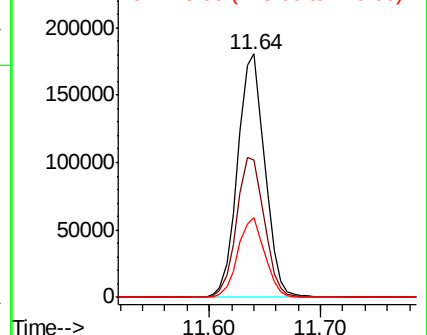


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005427.D

Acq: 17 Sep 2018 12:31

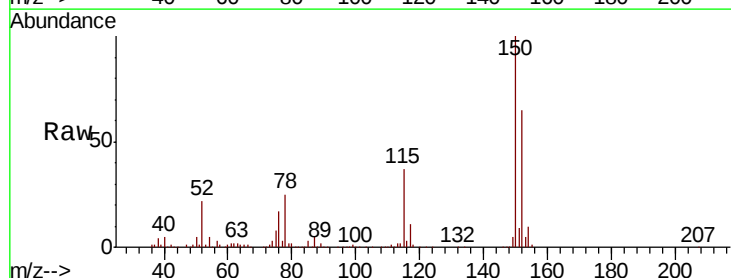
Tgt Ion:152 Resp: 147236

Ion Ratio Lower Upper

152 100

115 58.2 29.5 88.5

150 155.4 0.0 345.6

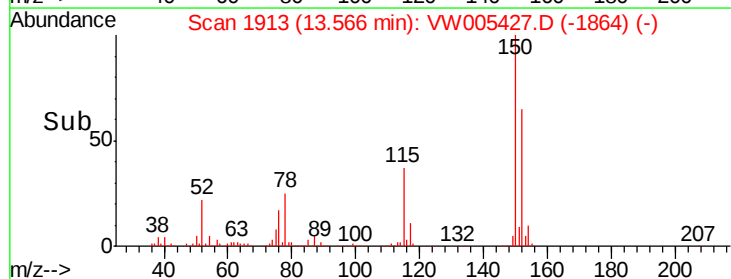
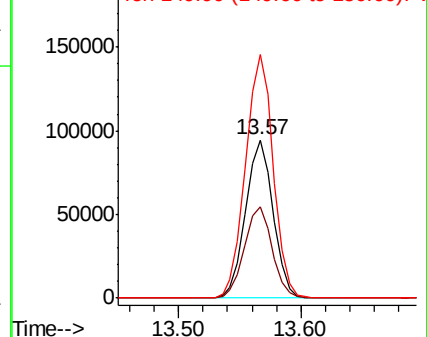


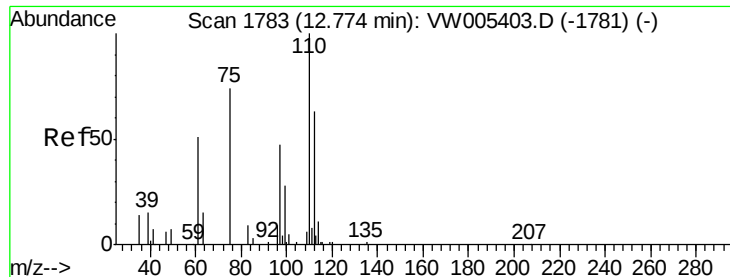
Abundance

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: 59.633 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005427.D

Acq: 17 Sep 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

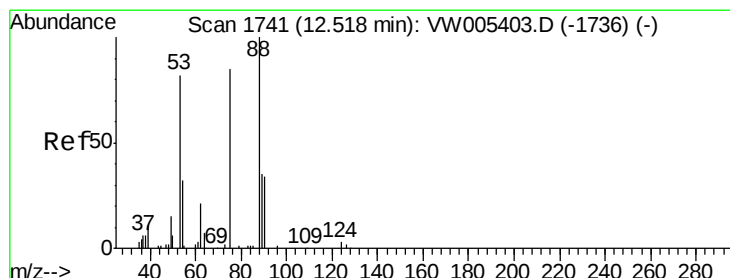
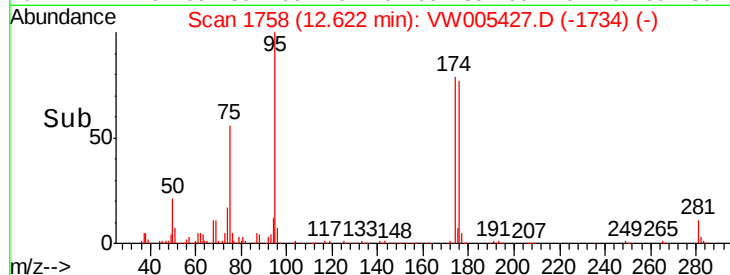
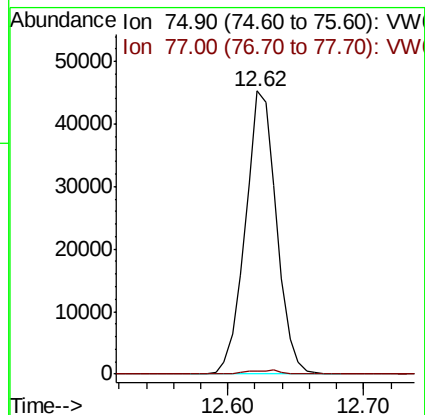
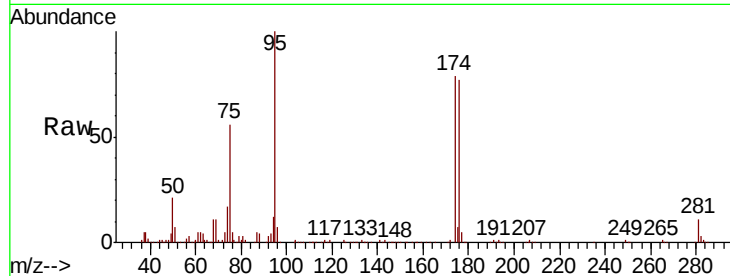
SP-545-180911

Tgt Ion: 75 Resp: 72214

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 154.691 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005427.D

Acq: 17 Sep 2018 12:31

Tgt Ion: 75 Resp: 72214

Ion Ratio Lower Upper

75 100

53 0.1 83.2 124.8#

89 0.1 36.6 54.8#

