

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005583.D
 Acq On : 24 Sep 2018 14:30
 Operator : VA/AP
 Sample : J4777-27
 Misc : 6.37G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-04-092018-B

Quant Time: Sep 25 04:56:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	238185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	376420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	319177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	139780	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	79942	28.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	56.98%	
35) Dibromofluoromethane	7.89	113	67065	28.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	56.66%	
50) Toluene-d8	10.33	98	224495	23.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	46.58%	
62) 4-Bromofluorobenzene	12.62	95	77054	21.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	43.20%	

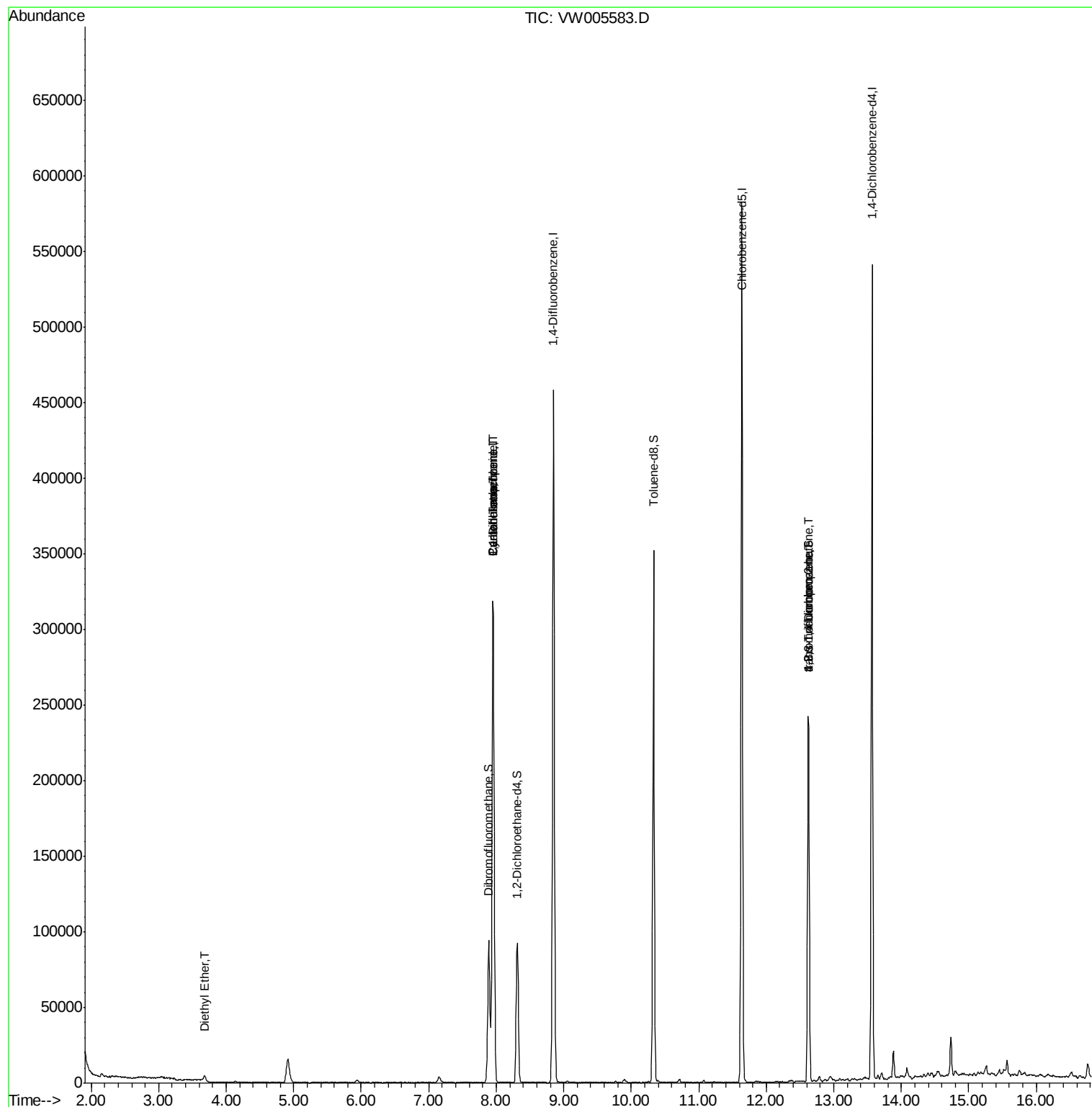
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	20	Below Cal	#	41
8) Diethyl Ether	3.69	74	1993	1.704	ug/l	93
11) Tert butyl alcohol	5.21	59	75	Below Cal	#	72
16) Acetone	4.13	43	696	Below Cal	#	86
31) Cyclohexane	7.95	56	5324	1.224	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	18663	4.925	ug/l #	51
38) Carbon Tetrachloride	7.95	117	22919	5.644	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	39839	33.435	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	39839	75.306	ug/l #	7

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005583.D

Acq: 24 Sep 2018 14:30

Instrument :

MSVOA_W

ClientSampleId :

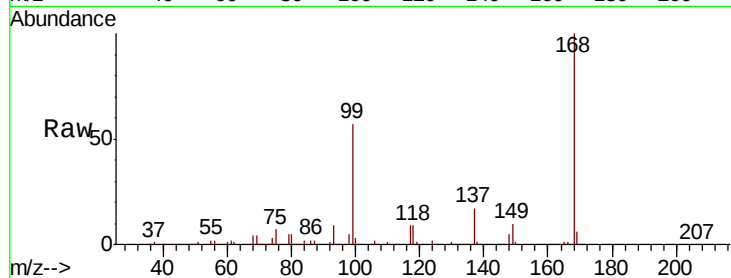
PL-04-092018-B

Tot Ion:168 Resp: 238185

Ion Ratio Lower Upper

168 100

99 56.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

60000

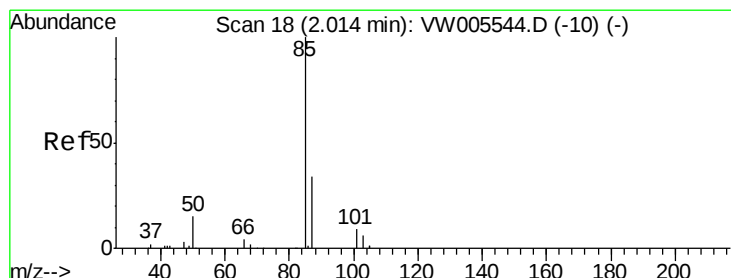
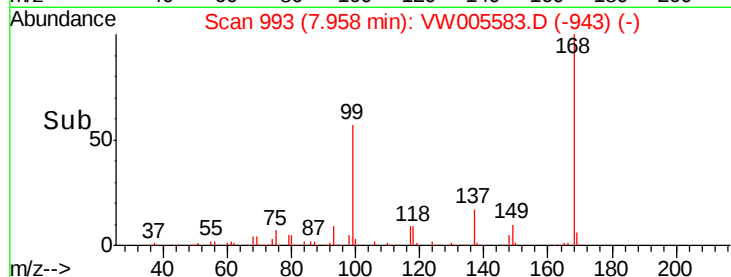
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005583.D

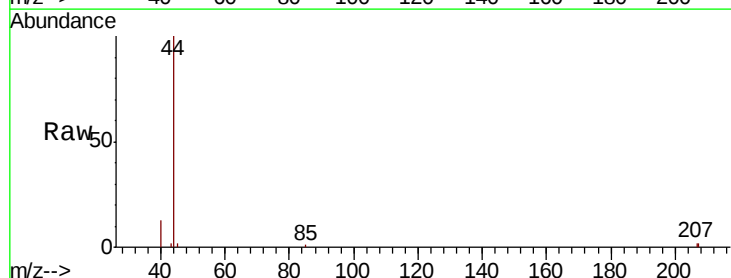
Acq: 24 Sep 2018 14:30

Tgt Ion: 85 Resp: 20

Ion Ratio Lower Upper

85 100

87 0.0 17.0 50.9#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60

50

40

30

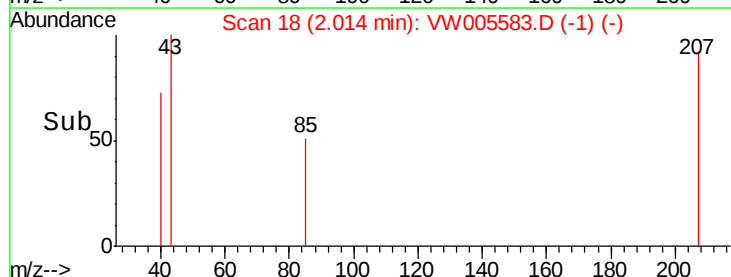
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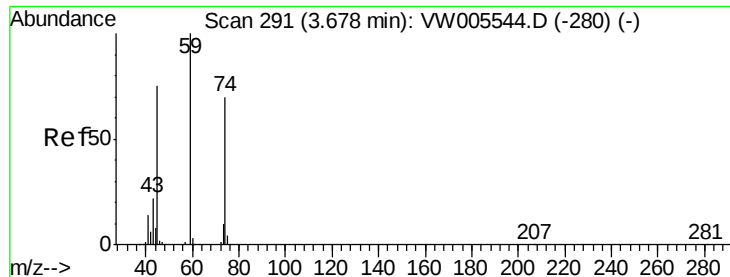
10

0

1.99 2.00 2.01 2.02 2.03

Time-->





#8

Diethyl Ether

Concen: 1.704 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW005583.D

Acq: 24 Sep 2018 14:30

Instrument :

MSVOA_W

ClientSampleId :

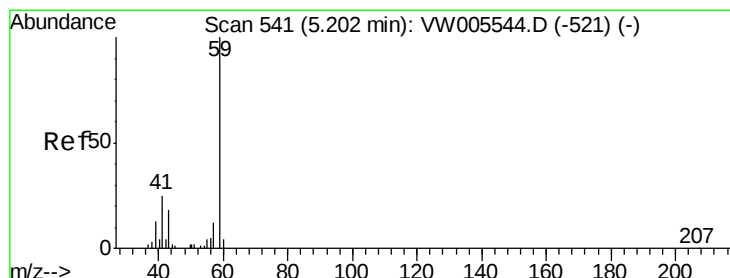
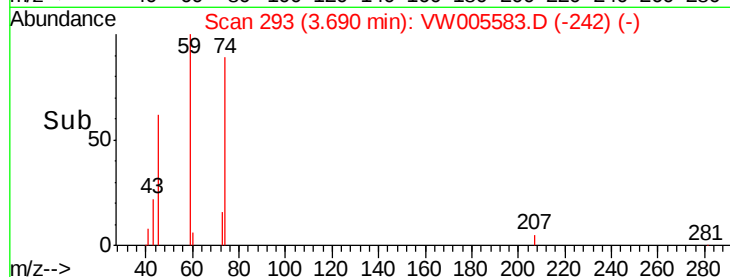
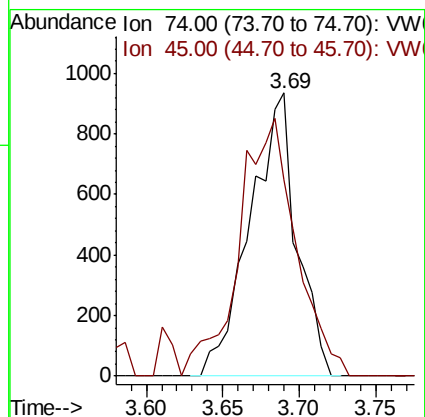
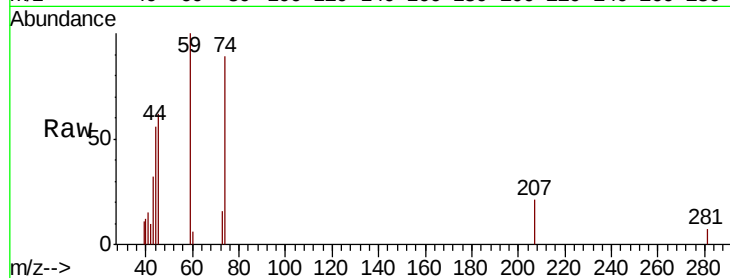
PL-04-092018-B

Tot Ion: 74 Resp: 1993

Ion Ratio Lower Upper

74 100

45 110.8 51.7 155.2



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 542

Delta R.T. 0.01 min

Lab File: VW005583.D

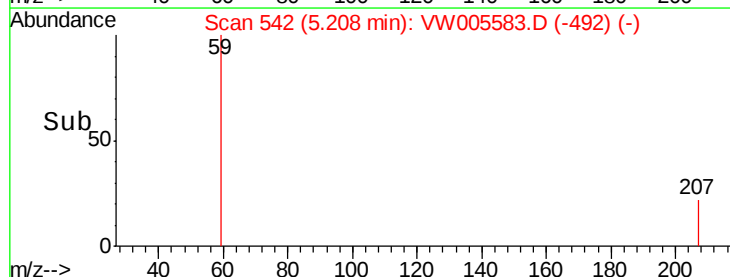
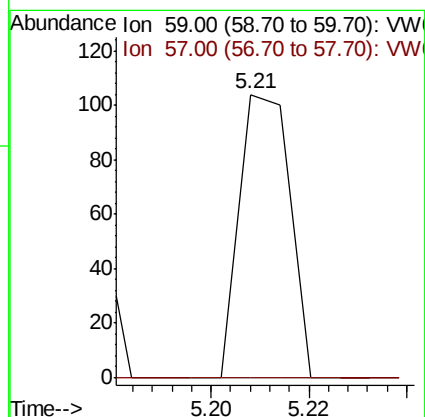
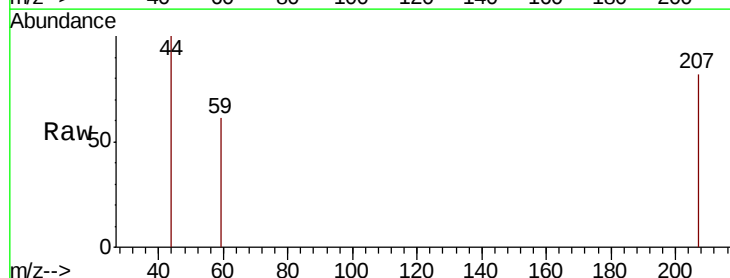
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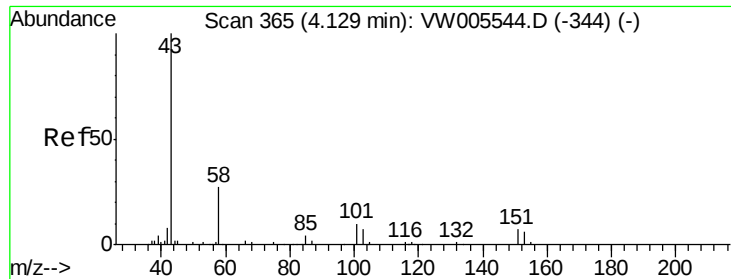
Tgt Ion: 59 Resp: 75

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

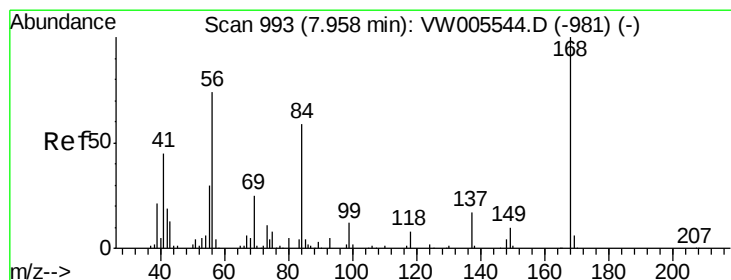
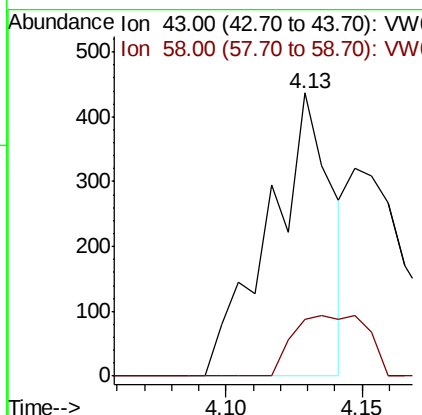
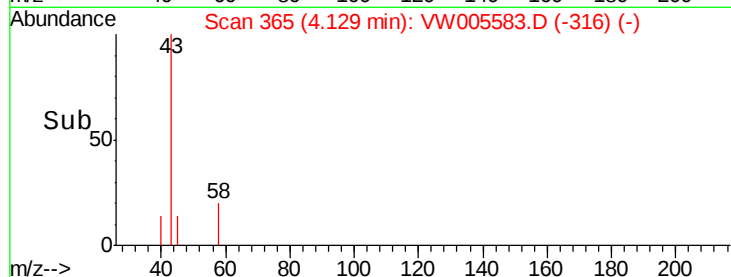
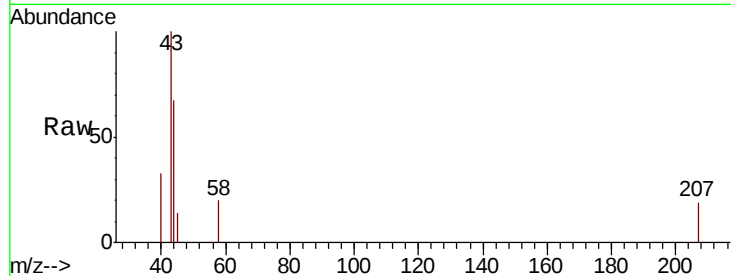




#16
Acetone
Concen: Below Cal
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW005583.D
Acq: 24 Sep 2018 14:30

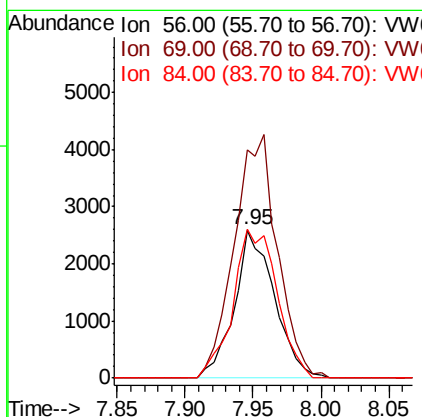
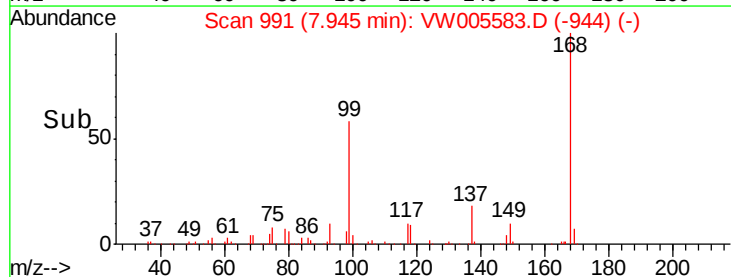
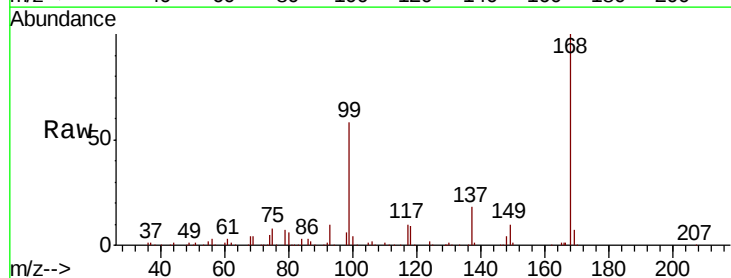
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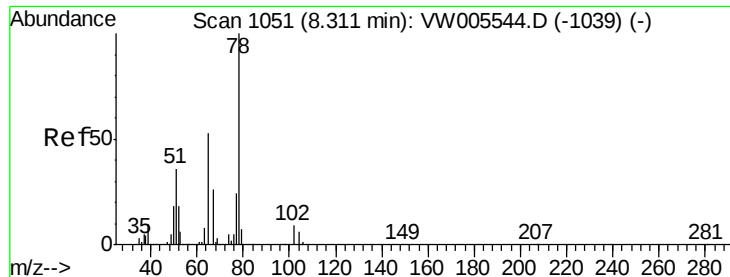
Tot Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
58 19.9 21.8 32.8#



#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005583.D
Acq: 24 Sep 2018 14:30

Tgt Ion: 56 Resp: 5324
Ion Ratio Lower Upper
56 100
69 154.4 27.0 40.4#
84 100.9 64.2 96.4#

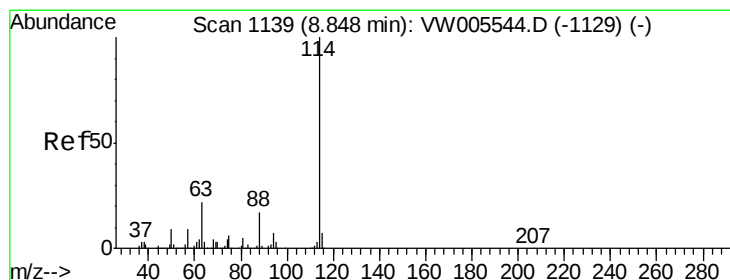
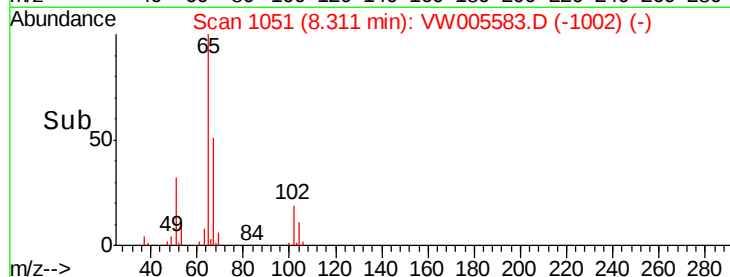
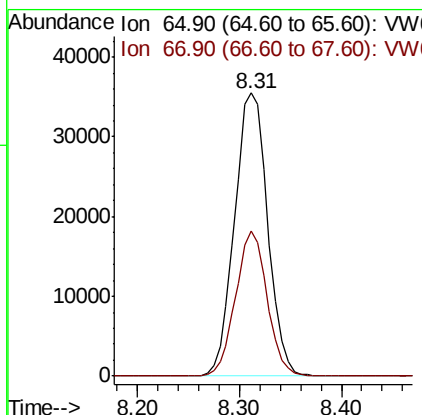
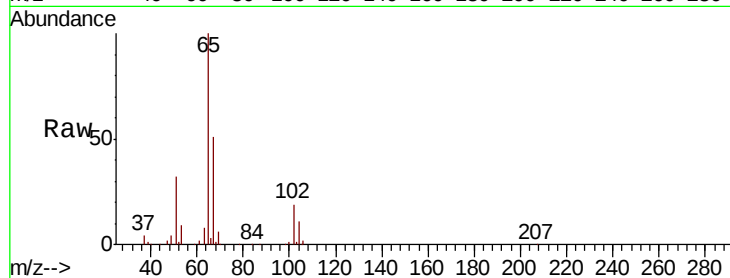




#33
 1,2-Dichloroethane-d4
 Concen: 28.490 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005583.D
 Acq: 24 Sep 2018 14:30

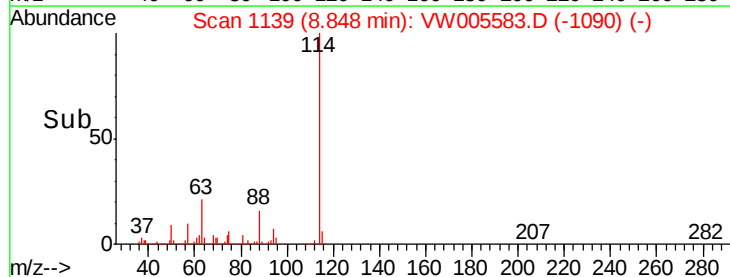
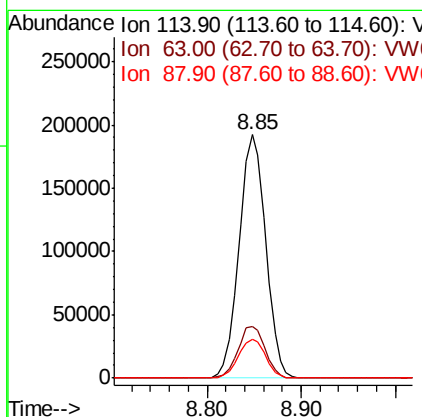
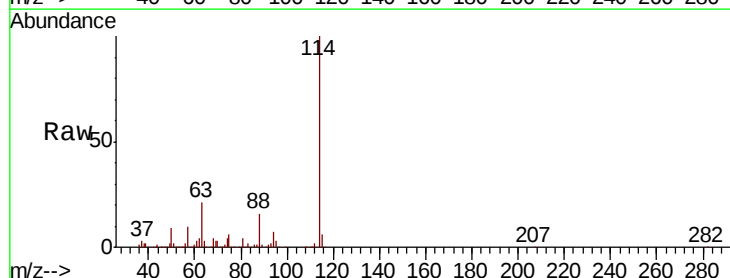
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-04-092018-B

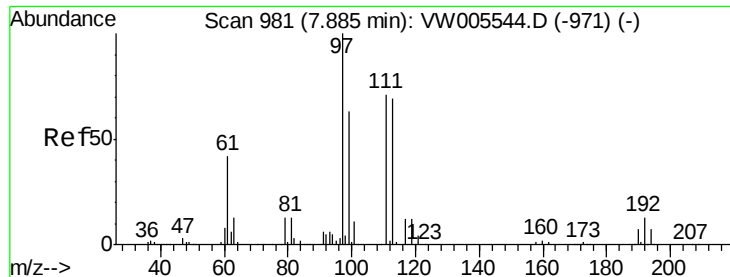
Tot Ion: 65 Resp: 79942
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005583.D
 Acq: 24 Sep 2018 14:30

Tgt Ion: 114 Resp: 376420
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.0
 88 15.8 0.0 33.0

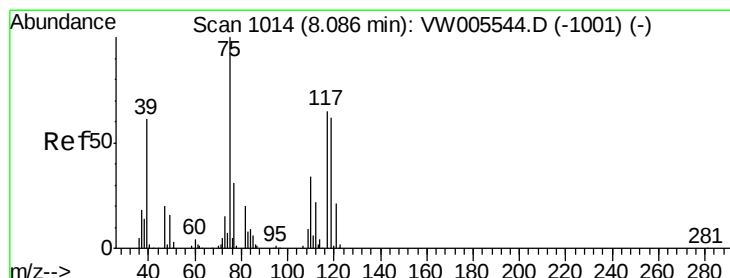
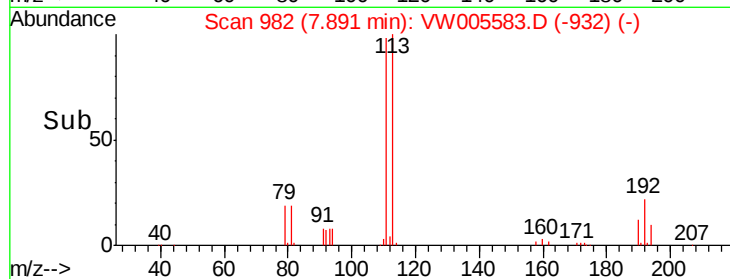
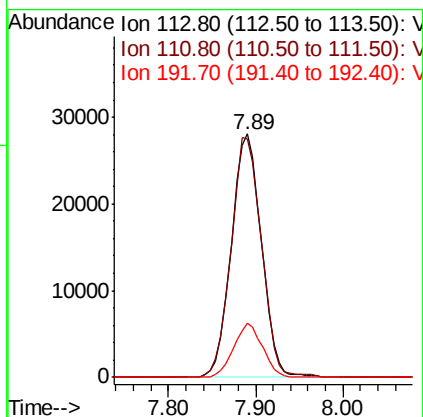
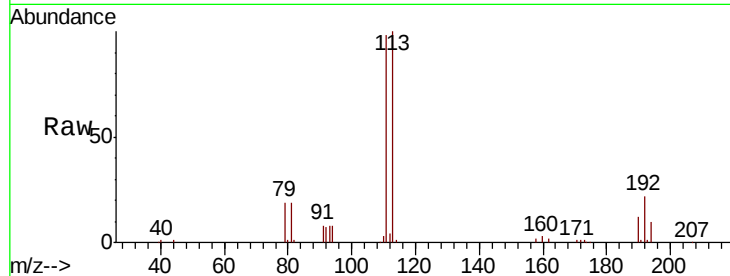




#35
 Dibromofluoromethane
 Concen: 28.331 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005583.D
 Acq: 24 Sep 2018 14:30

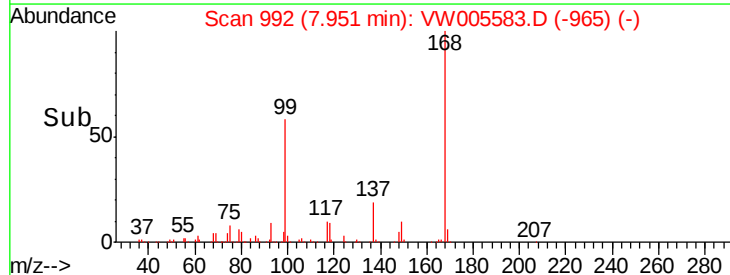
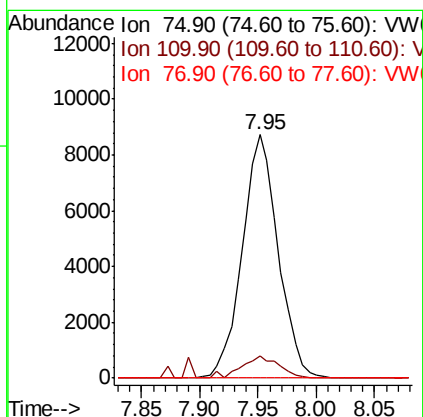
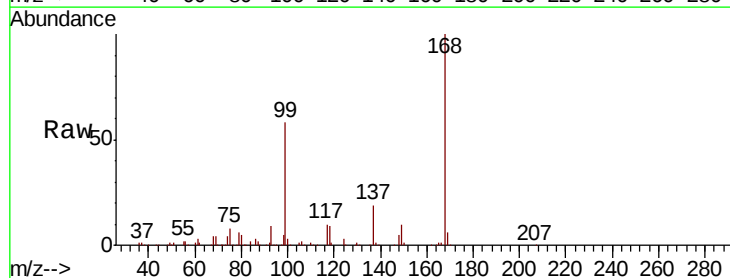
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 ClientSampleId :
 PL-04-092018-B

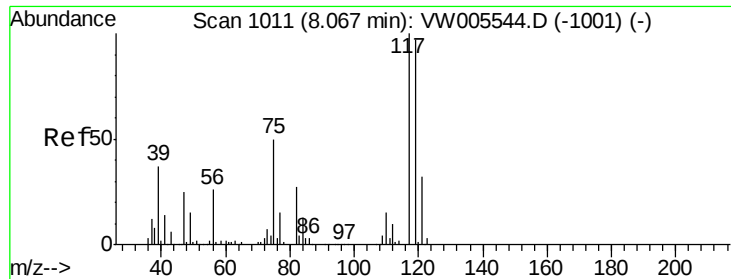
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.8	82.6	123.8
192	21.1	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.925 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005583.D
 Acq: 24 Sep 2018 14:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.0	50.9#
77	0.0	24.8	37.2#

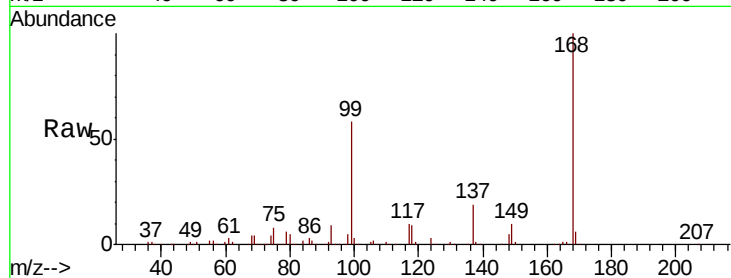




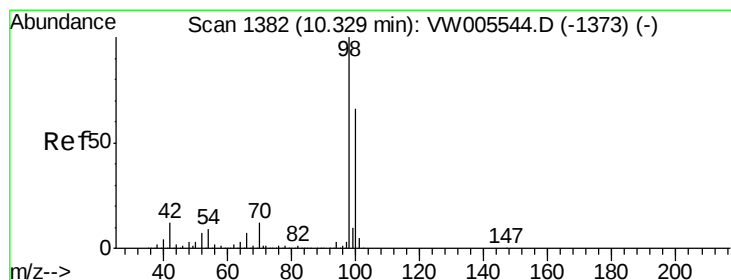
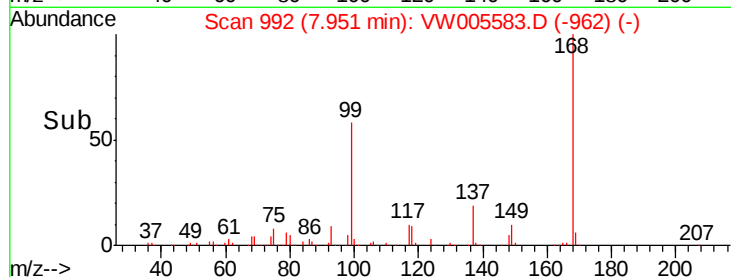
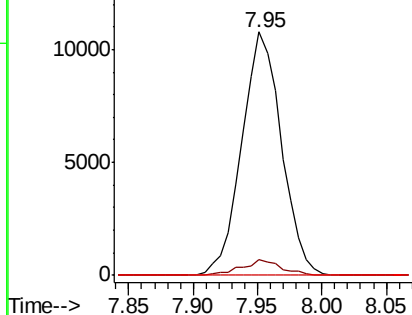
#38
Carbon Tetrachloride
Concen: 5.644 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005583.D
Acq: 24 Sep 2018 14:30

Instrument :
MSVOA_W
ClientSampleId :
PL-04-092018-B

Tot Ion:117 Resp: 22919
Ion Ratio Lower Upper
117 100
119 6.6 77.6 116.4#
121 0.0 25.7 38.5#

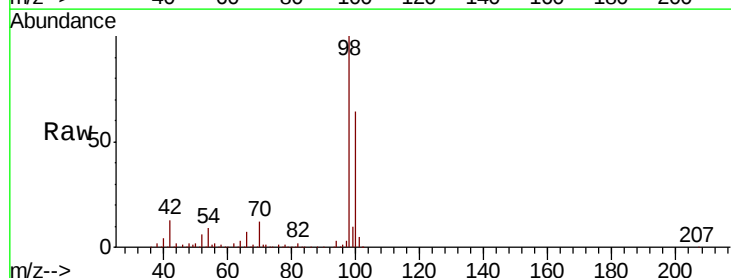


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

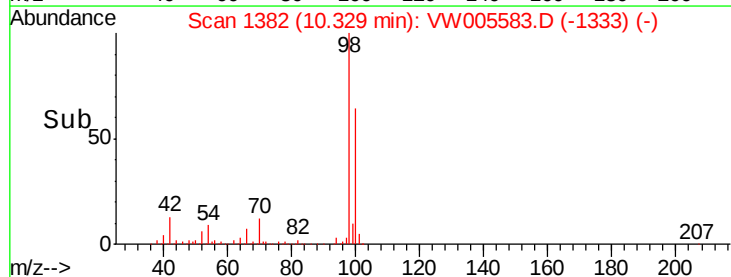
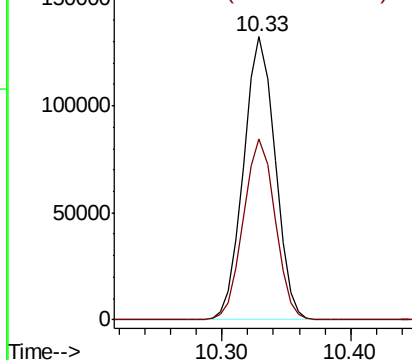


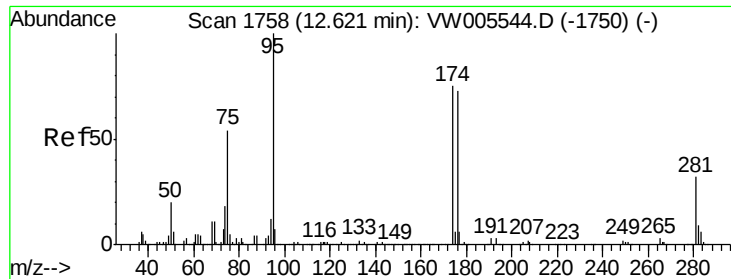
#50
Toluene-d8
Concen: 23.291 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005583.D
Acq: 24 Sep 2018 14:30

Tgt Ion: 98 Resp: 224495
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



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

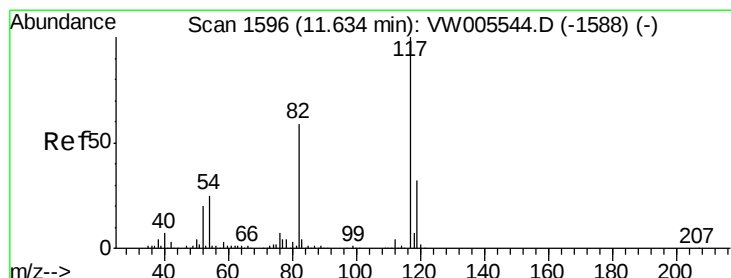
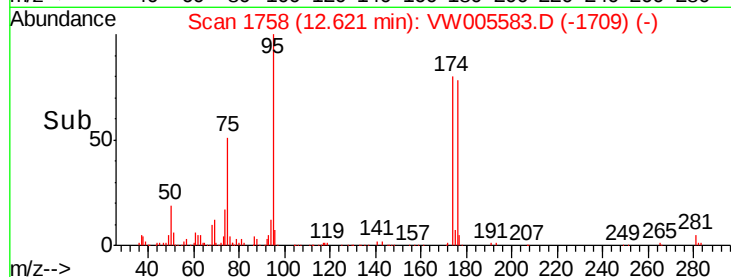
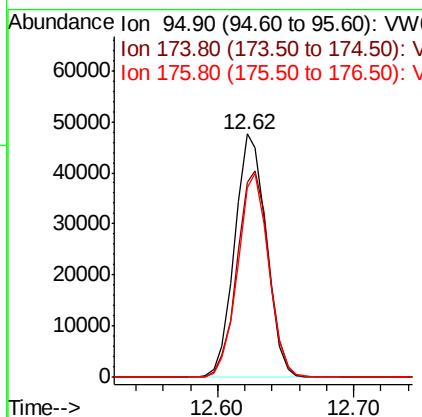
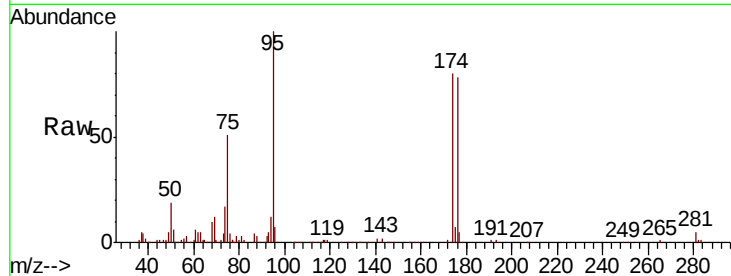




#62
4-Bromofluorobenzene
Concen: 21.605 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005583.D
Acq: 24 Sep 2018 14:30

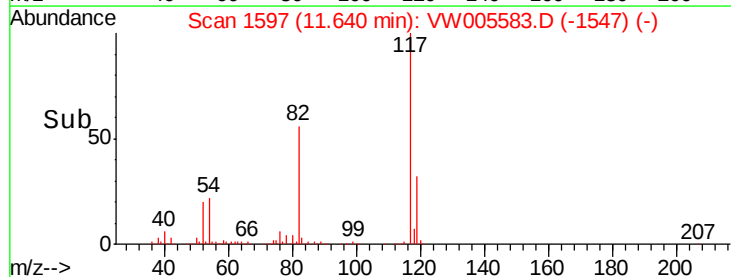
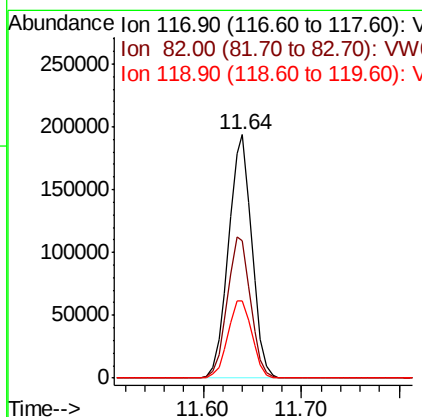
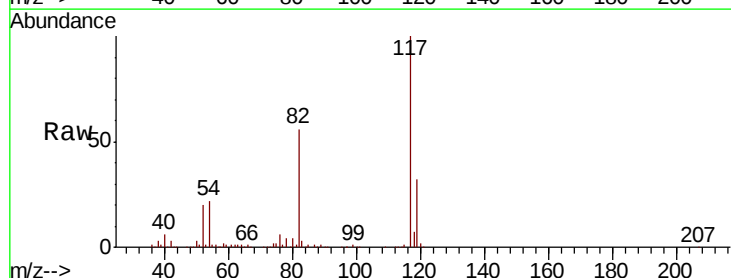
Instrument :
MSVOA_W
ClientSampleId :
PL-04-092018-B

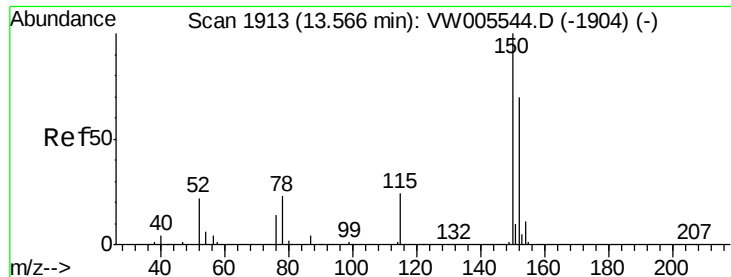
Tot Ion: 95 Resp: 77054
Ion Ratio Lower Upper
95 100
174 85.7 0.0 163.8
176 81.8 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005583.D
Acq: 24 Sep 2018 14:30

Tgt Ion: 117 Resp: 319177
Ion Ratio Lower Upper
117 100
82 56.5 46.9 70.3
119 31.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005583.D

Acq: 24 Sep 2018 14:30

Instrument :

MSVOA_W

ClientSampleId :

PL-04-092018-B

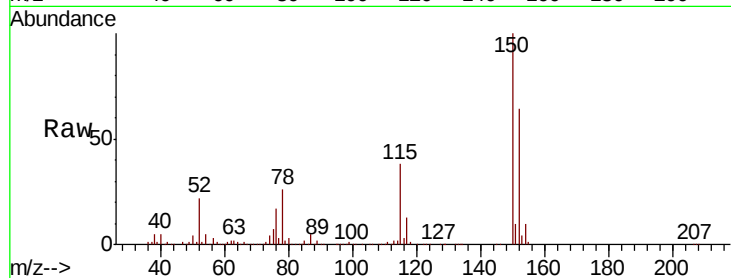
Tot Ion:152 Resp: 139780

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

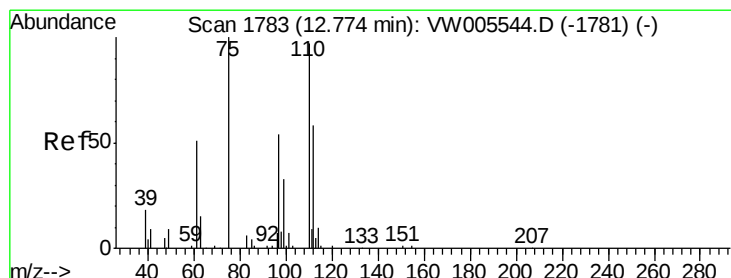
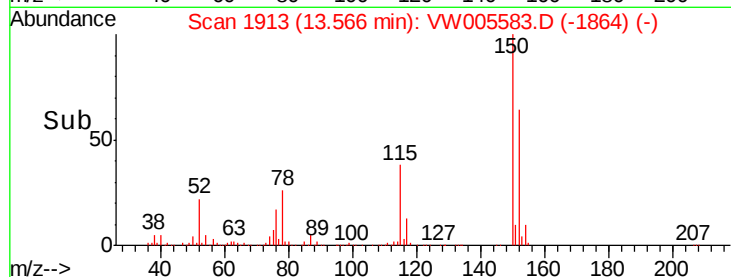
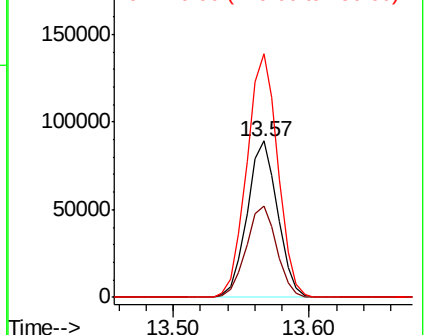
150 158.7 0.0 348.6



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: 33.435 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005583.D

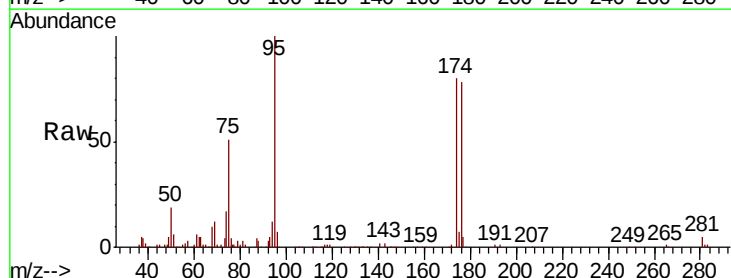
Acq: 24 Sep 2018 14:30

Tgt Ion: 75 Resp: 39839

Ion Ratio Lower Upper

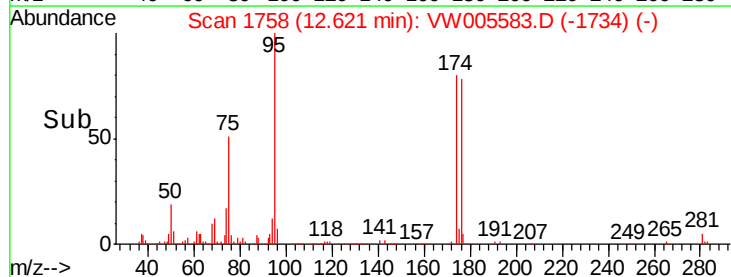
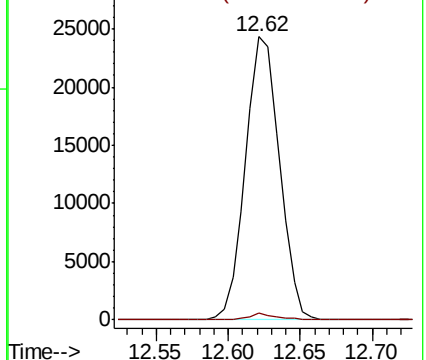
75 100

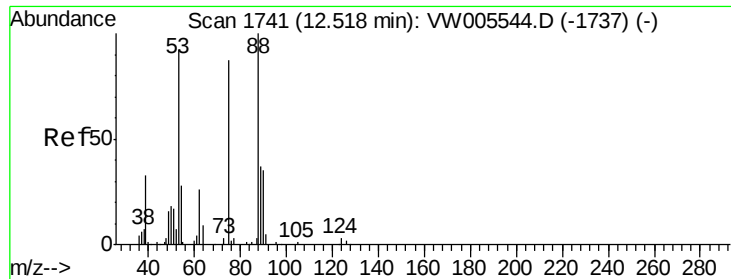
77 1.9 0.0 0.0#



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: 75.306 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005583.D

Acq: 24 Sep 2018 14:30

Instrument :

MSVOA_W

ClientSampleId :

PL-04-092018-B

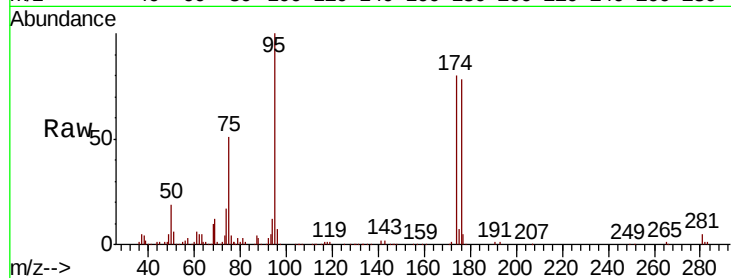
Tot Ion: 75 Resp: 39839

Ion Ratio Lower Upper

75 100

53 0.2 85.8 128.6#

89 0.0 37.3 55.9#



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

