

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005580.D
 Acq On : 24 Sep 2018 13:13
 Operator : VA/AP
 Sample : J4777-21
 Misc : 5.83G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-03-092018-B

Quant Time: Sep 25 04:56:21 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	7.95	168	243929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	388034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	339337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	144534	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	66867	23.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	46.54%	
35) Dibromofluoromethane	7.89	113	54909	22.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	45.00%	
50) Toluene-d8	10.33	98	189043	19.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	38.06%	
62) 4-Bromofluorobenzene	12.63	95	62007	16.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	33.74%	

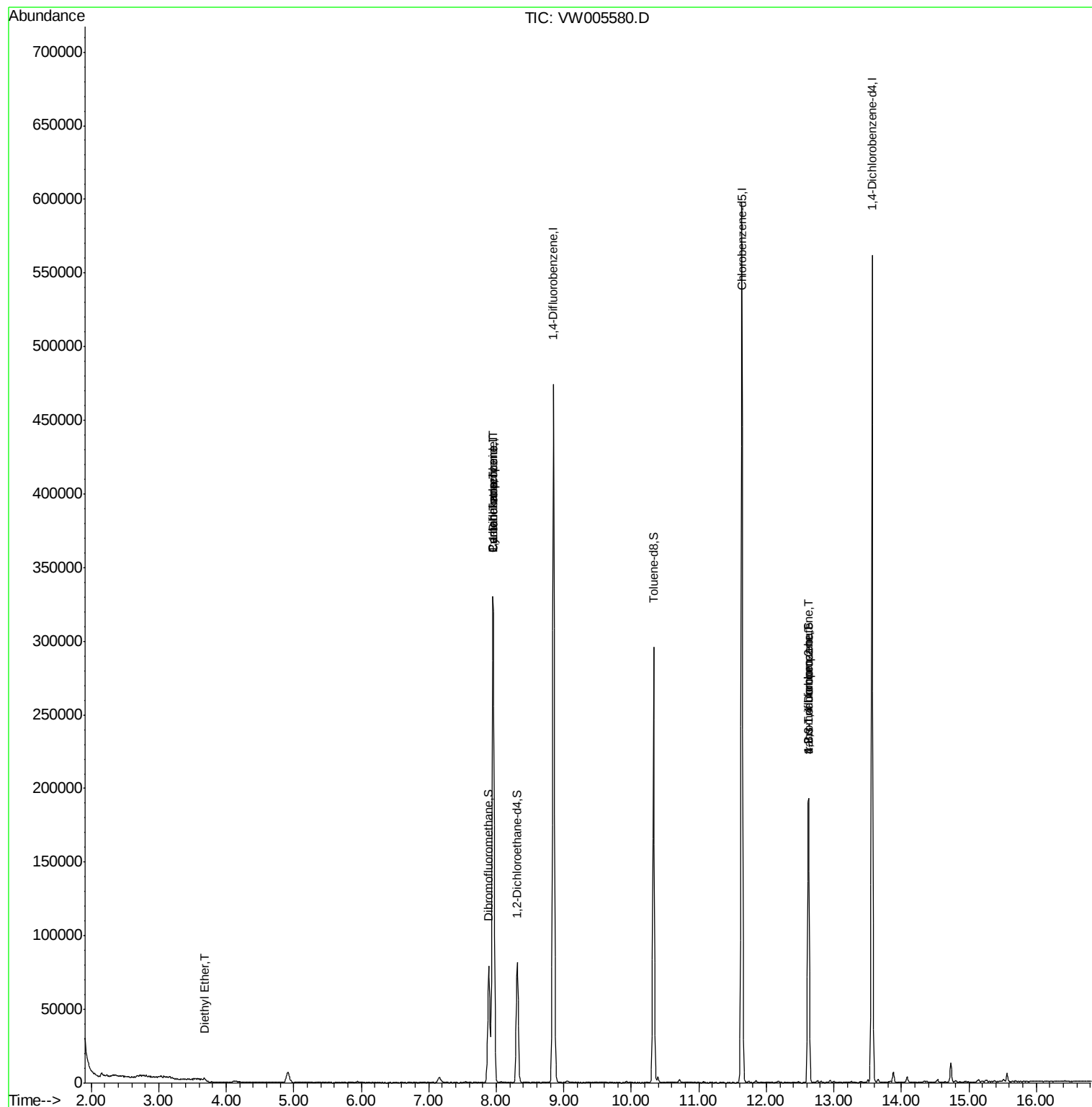
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1249	1.043	ug/l	95
11) Tert butyl alcohol	5.21	59	72	Below Cal	#	72
16) Acetone	4.15	43	2311	Below Cal		91
20) Methylene Chloride	4.92	84	5575	Below Cal		89
31) Cyclohexane	7.95	56	5273	1.184	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18844	4.824	ug/l #	52
38) Carbon Tetrachloride	7.95	117	24209	5.784	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	32925	26.724	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	32925	60.190	ug/l #	7

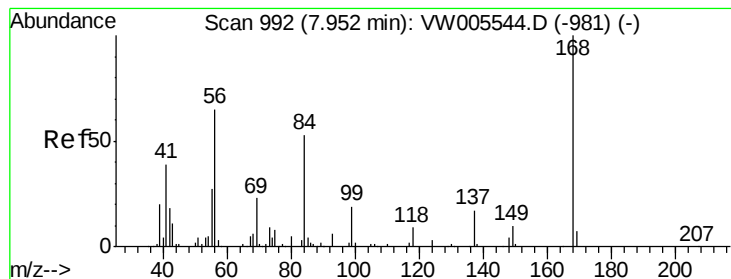
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005580.D

Acq: 24 Sep 2018 13:13

Instrument :

MSVOA_W

ClientSampleId :

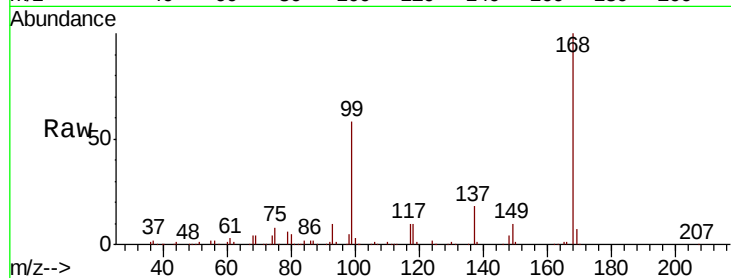
PL-03-092018-B

Tot Ion:168 Resp: 243929

Ion Ratio Lower Upper

168 100

99 58.2 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

120000

100000

80000

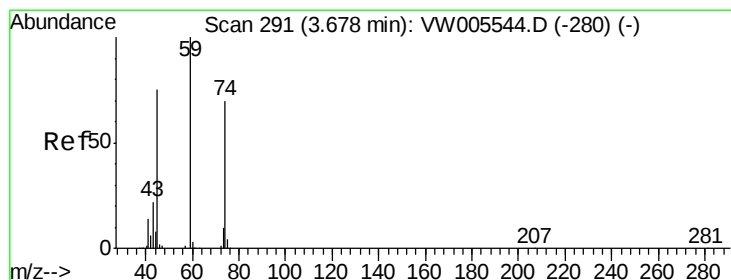
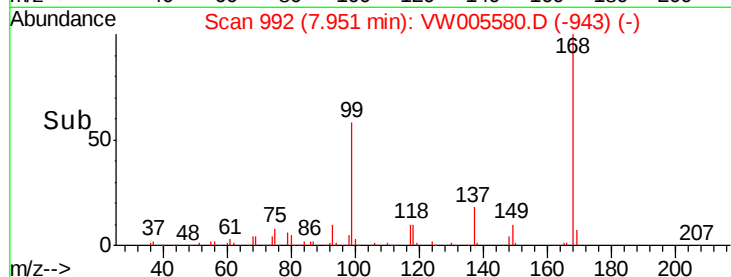
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.043 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW005580.D

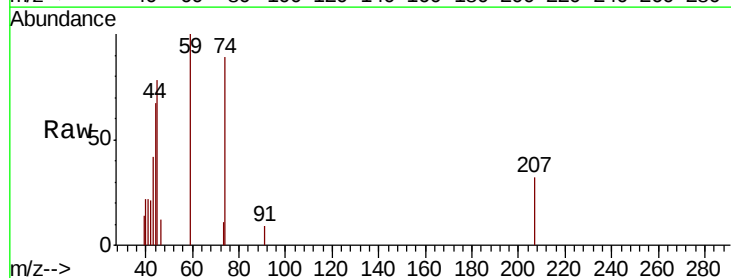
Acq: 24 Sep 2018 13:13

Tgt Ion: 74 Resp: 1249

Ion Ratio Lower Upper

74 100

45 108.6 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

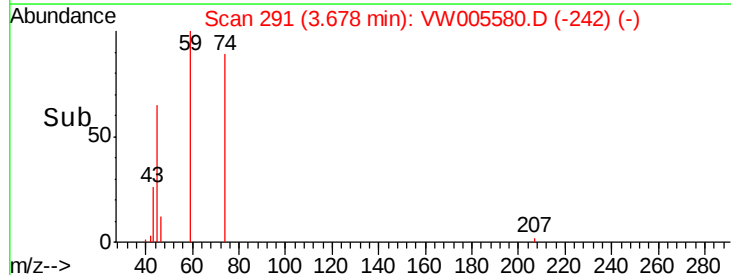
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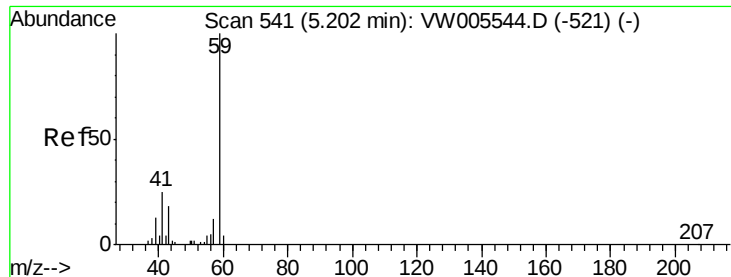
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200

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Time-->



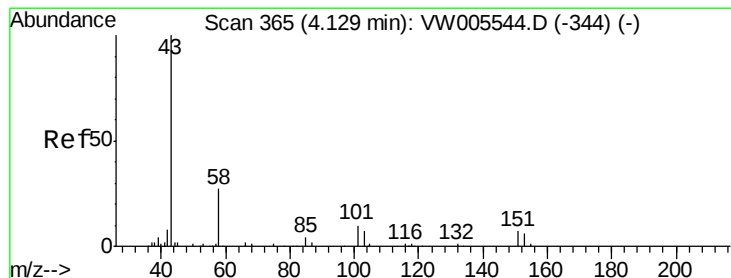
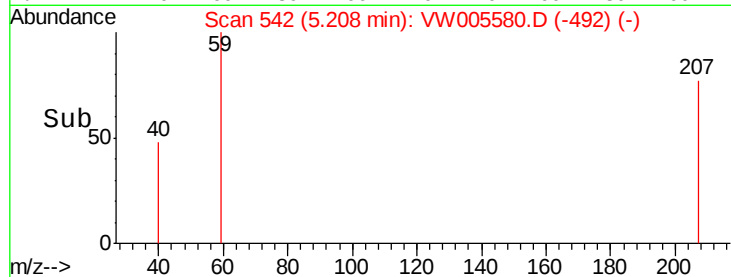
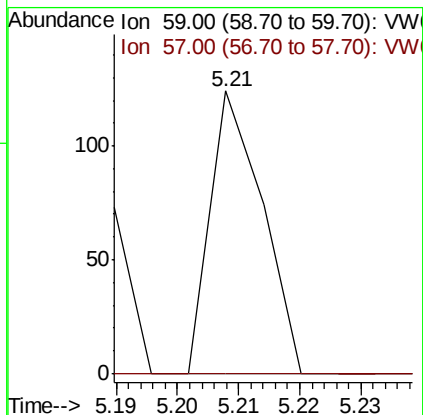
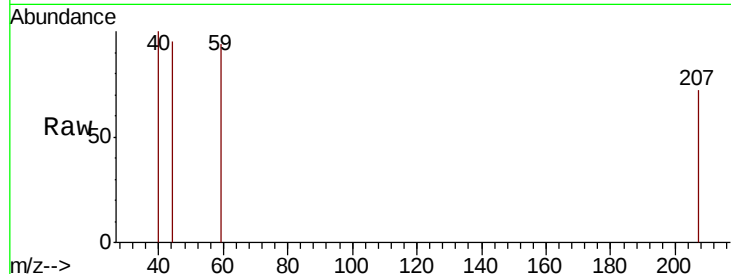


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.21 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: VW005580.D
 Acq: 24 Sep 2018 13:13

Instrument :
 MSVOA_W
 ClientSampleID :
 PL-03-092018-B

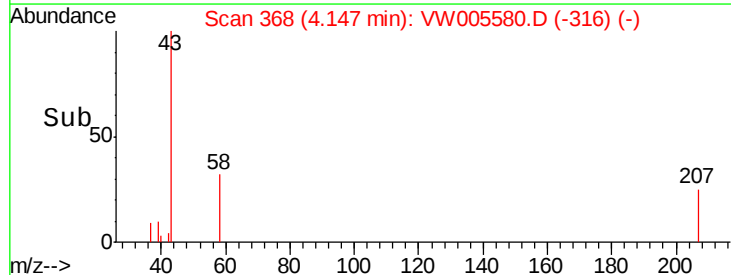
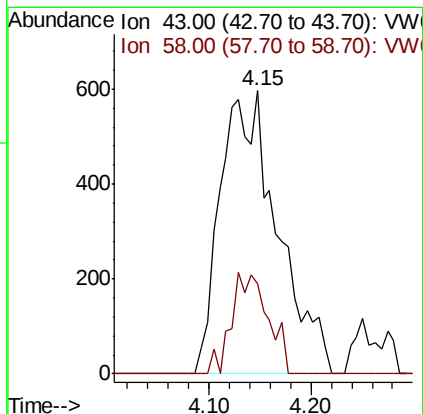
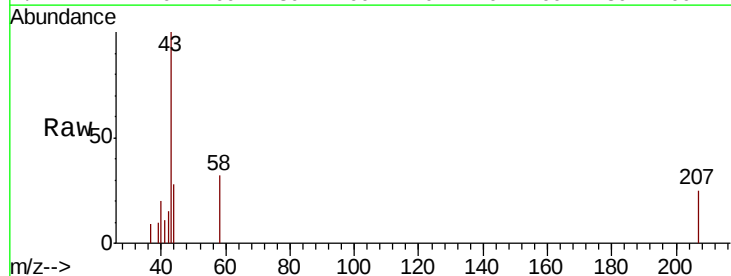
Tot Ion: 59 Resp: 72
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

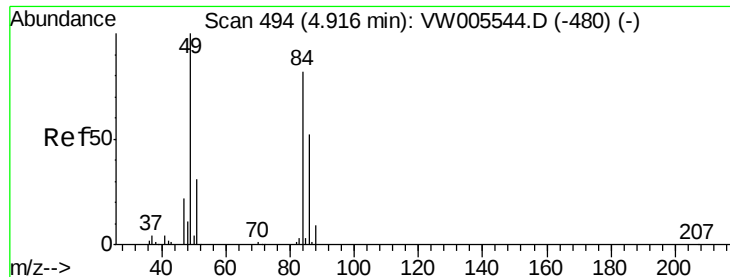


#16

Acetone
 Concen: Below Cal
 RT: 4.15 min Scan# 368
 Delta R.T. 0.02 min
 Lab File: VW005580.D
 Acq: 24 Sep 2018 13:13

Tgt Ion: 43 Resp: 2311
 Ion Ratio Lower Upper
 43 100
 58 31.8 21.8 32.8

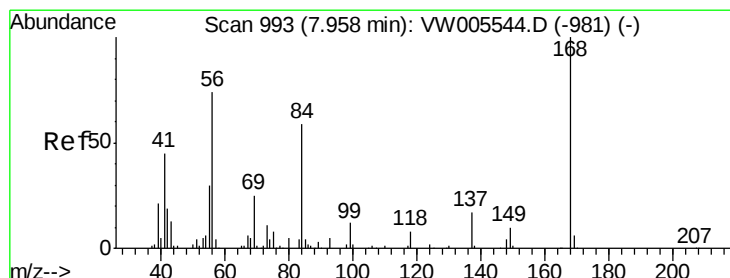
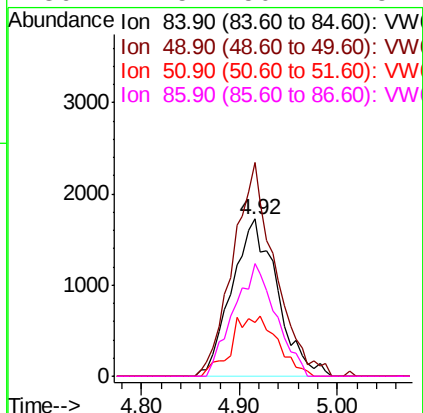
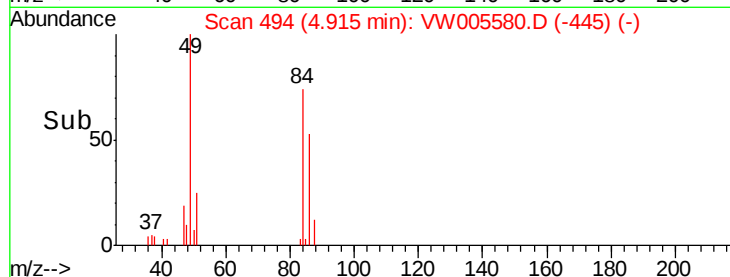
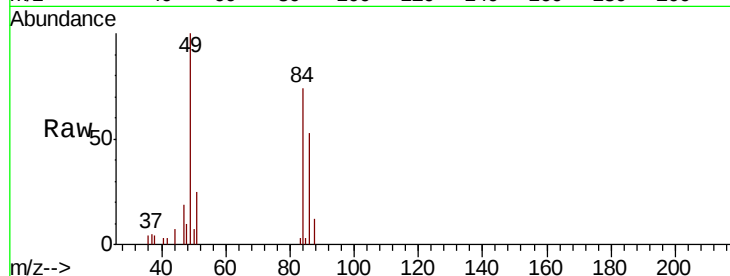




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005580.D
Acq: 24 Sep 2018 13:13

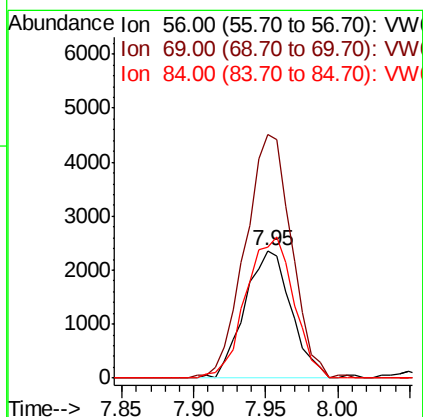
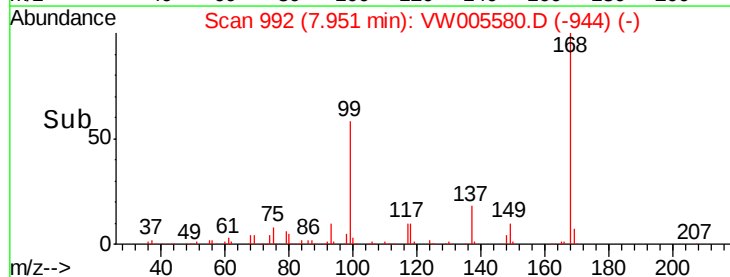
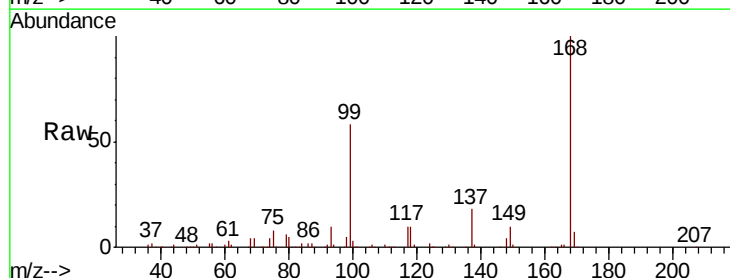
Instrument :
MSVOA_W
ClientSampleId :
PL-03-092018-B

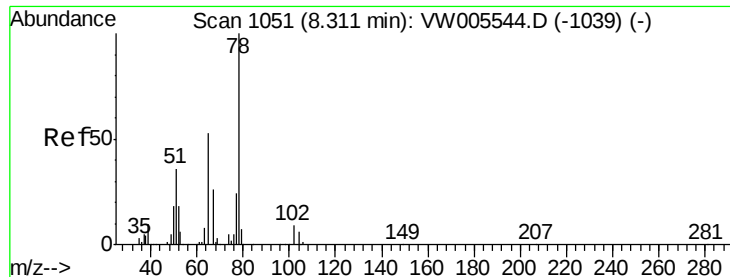
Tot Ion: 84 Resp: 5575
Ion Ratio Lower Upper
84 100
49 135.7 97.0 145.6
51 34.5 30.2 45.2
86 71.5 50.2 75.4



#31
Cyclohexane
Concen: 1.184 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005580.D
Acq: 24 Sep 2018 13:13

Tgt Ion: 56 Resp: 5273
Ion Ratio Lower Upper
56 100
69 191.3 27.0 40.4#
84 102.6 64.2 96.4#

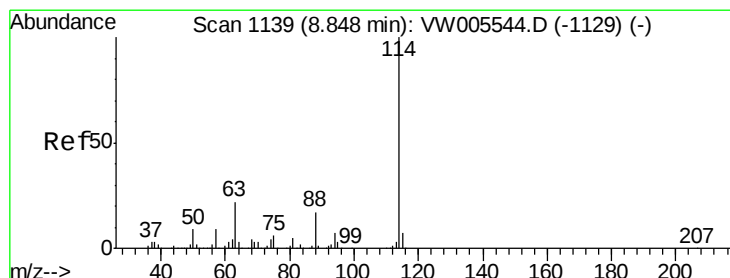
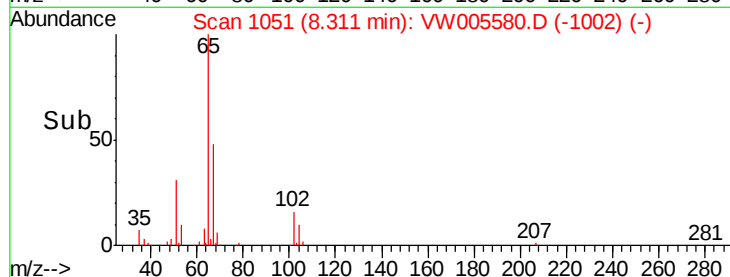
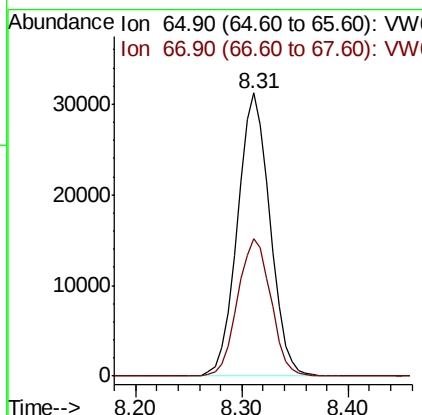
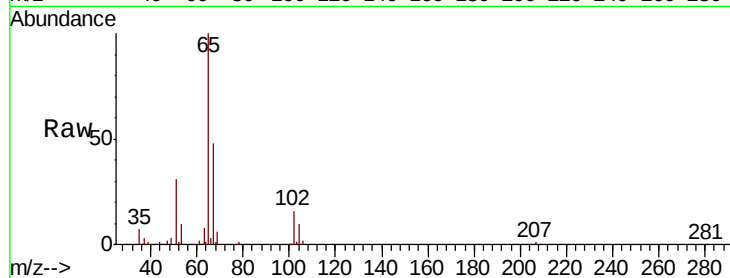




#33
 1,2-Dichloroethane-d4
 Concen: 23.269 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005580.D
 Acq: 24 Sep 2018 13:13

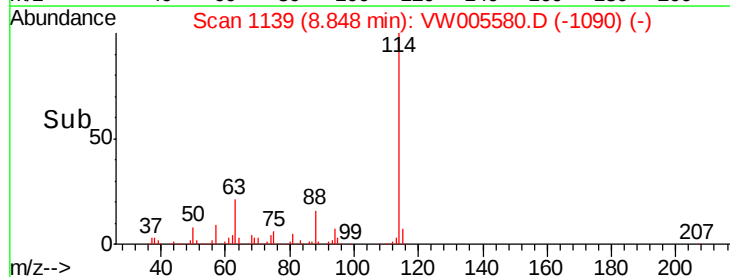
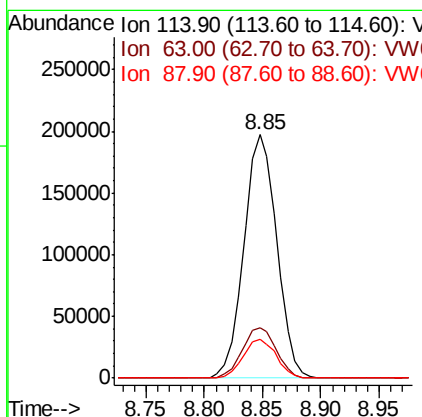
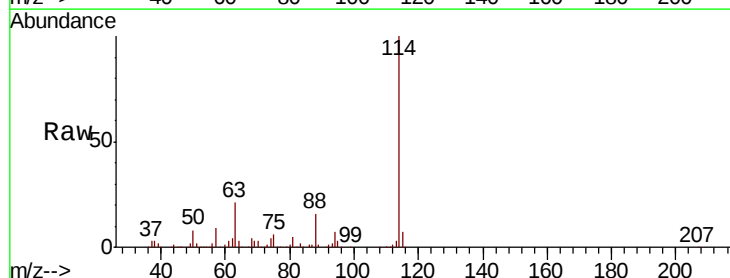
Instrument :
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 ClientSampleId :
 PL-03-092018-B

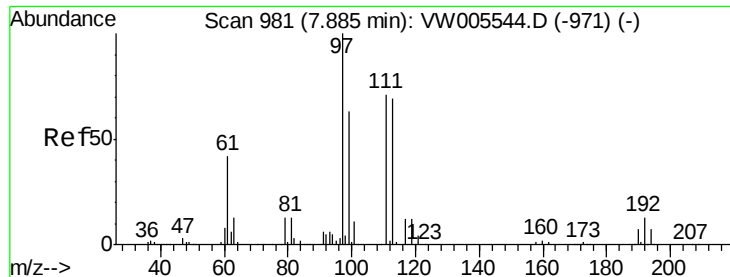
Tot Ion: 65 Resp: 66867
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005580.D
 Acq: 24 Sep 2018 13:13

Tgt Ion: 114 Resp: 388034
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.0
 88 16.0 0.0 33.0

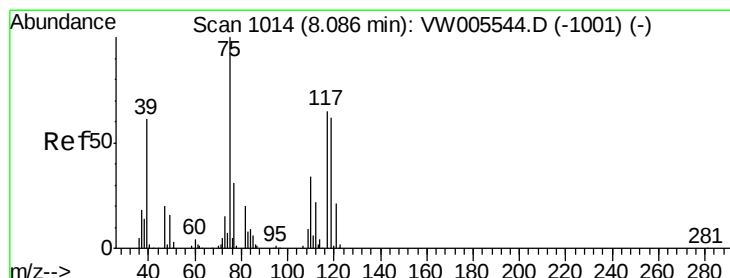
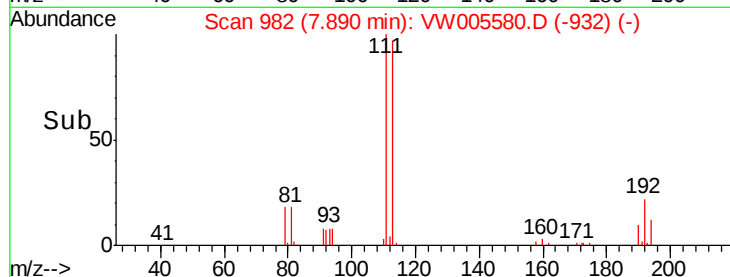
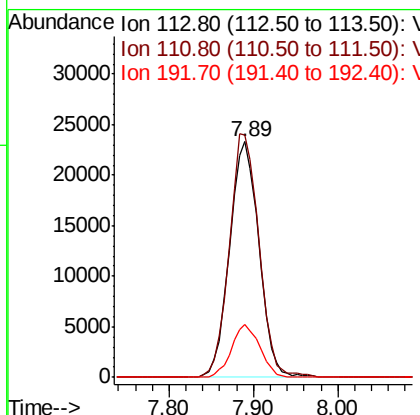
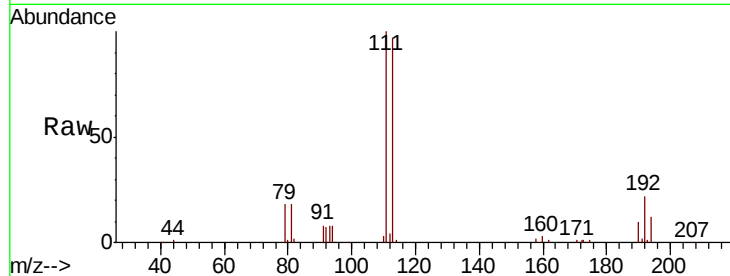




#35
 Dibromofluoromethane
 Concen: 22.502 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005580.D
 Acq: 24 Sep 2018 13:13

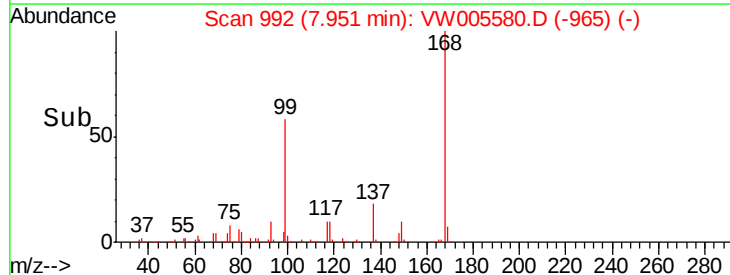
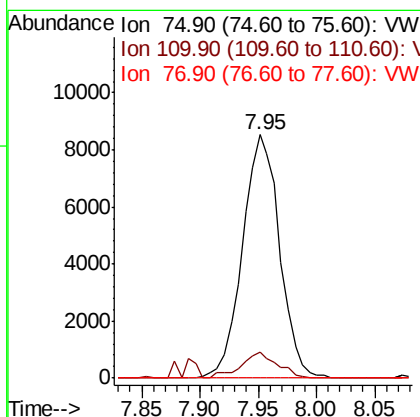
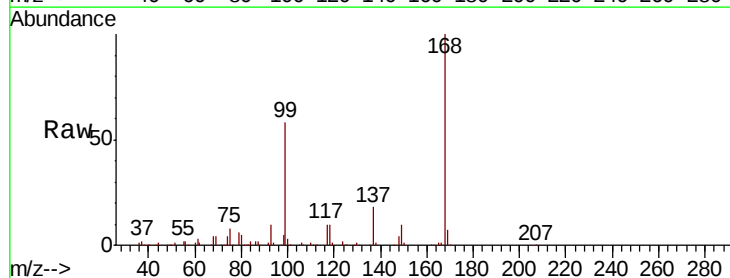
Instrument :
 MSVOA_W
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 PL-03-092018-B

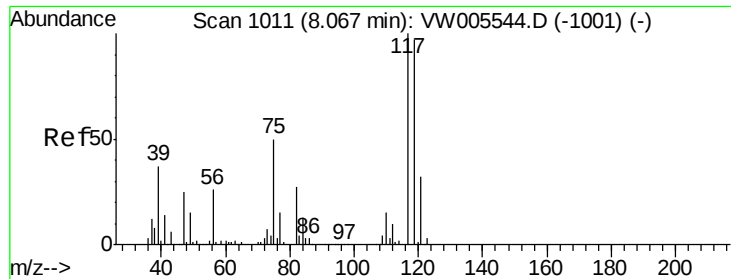
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	123.8
192	21.4	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.824 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005580.D
 Acq: 24 Sep 2018 13:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.3	17.0	50.9#
77	0.0	24.8	37.2#

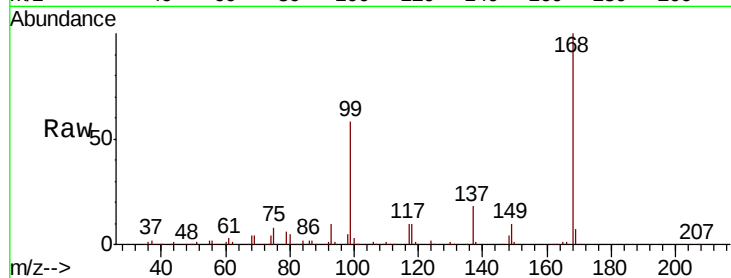




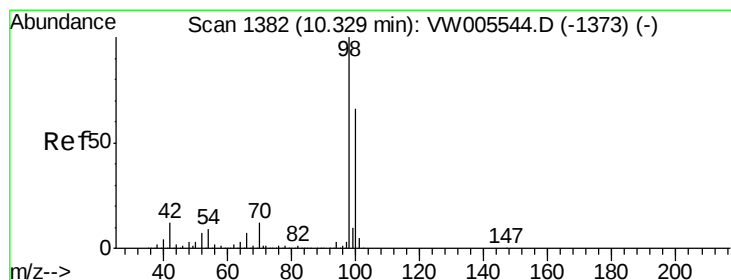
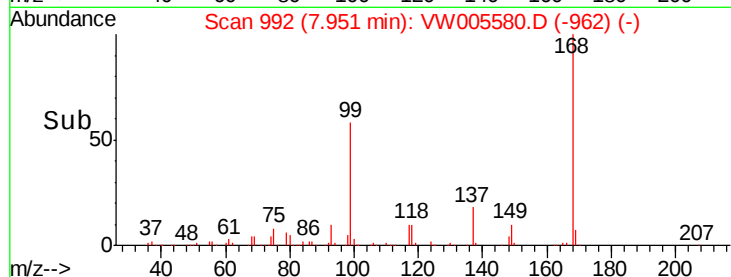
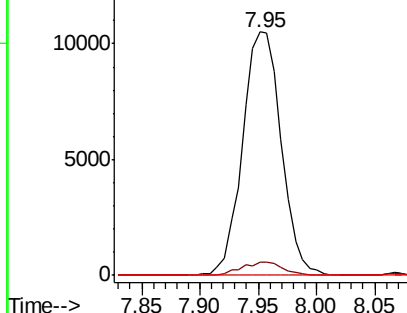
#38
Carbon Tetrachloride
Concen: 5.784 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005580.D
Acq: 24 Sep 2018 13:13

Instrument :
MSVOA_W
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PL-03-092018-B

Tot Ion:117 Resp: 24209
Ion Ratio Lower Upper
117 100
119 5.7 77.6 116.4#
121 0.0 25.7 38.5#

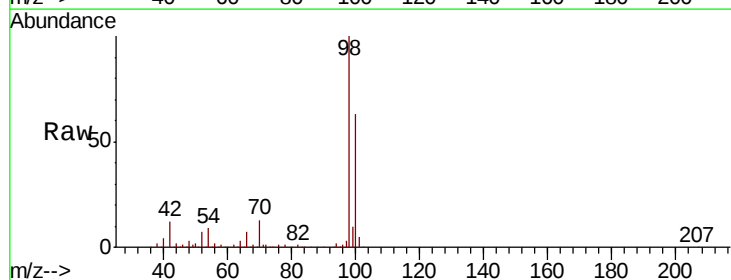


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

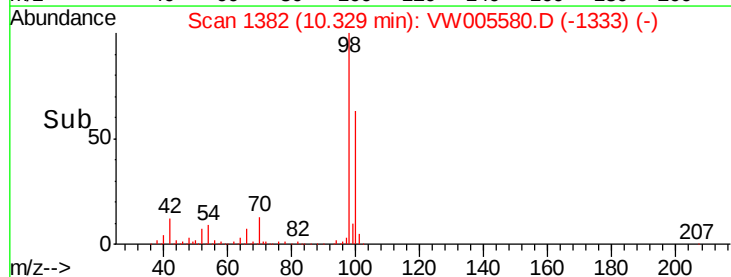
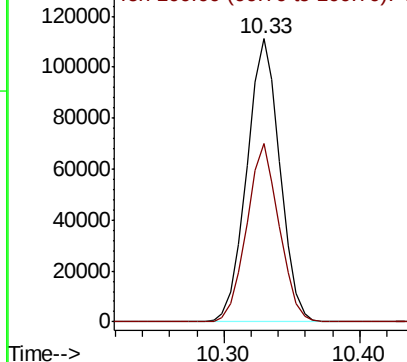


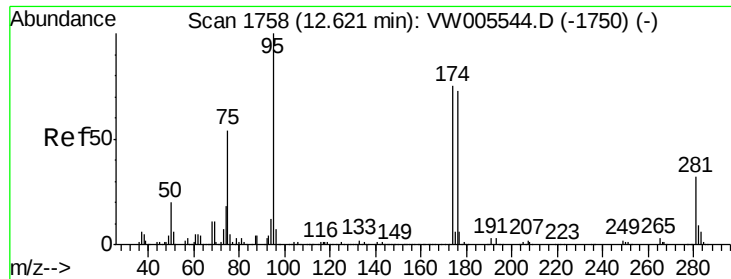
#50
Toluene-d8
Concen: 19.026 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005580.D
Acq: 24 Sep 2018 13:13

Tgt Ion: 98 Resp: 189043
Ion Ratio Lower Upper
98 100
100 61.7 51.6 77.4



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

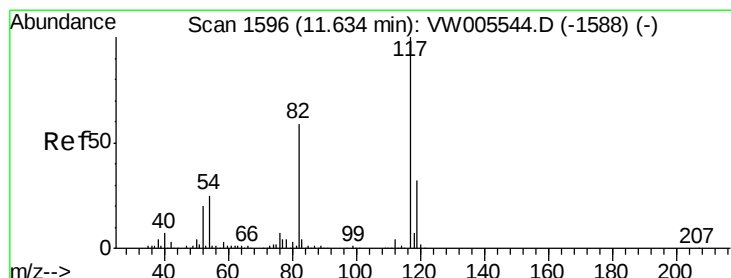
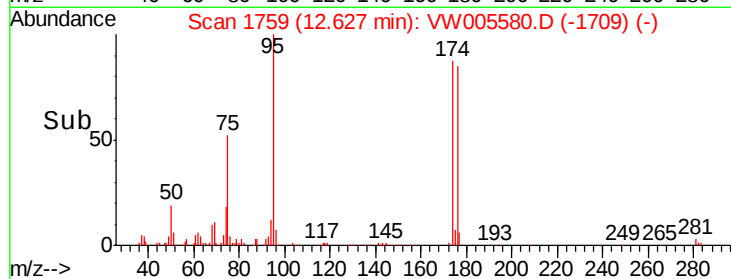
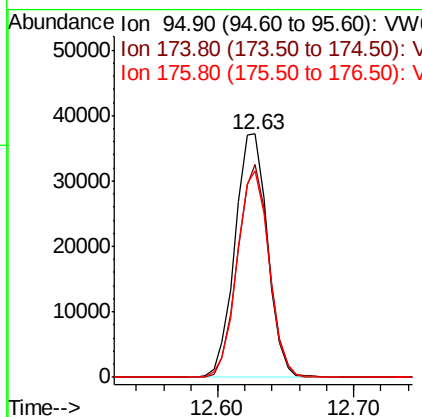
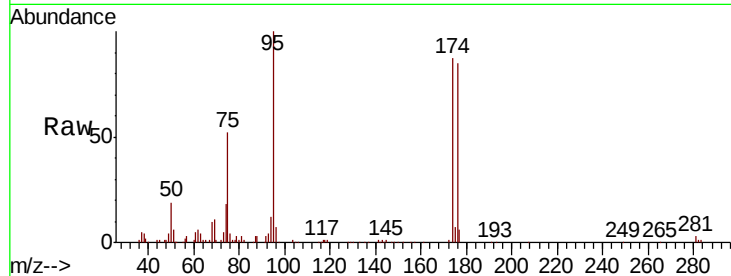




#62
4-Bromofluorobenzene
Concen: 16.866 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005580.D
Acq: 24 Sep 2018 13:13

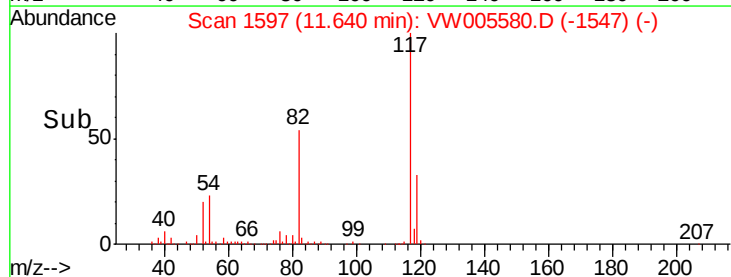
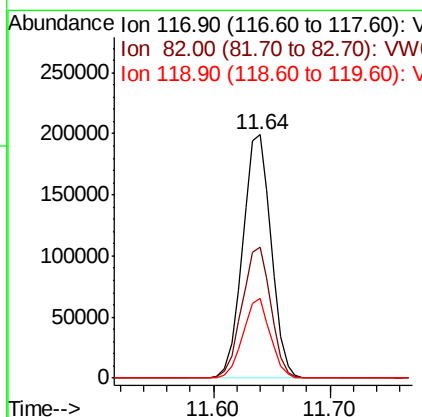
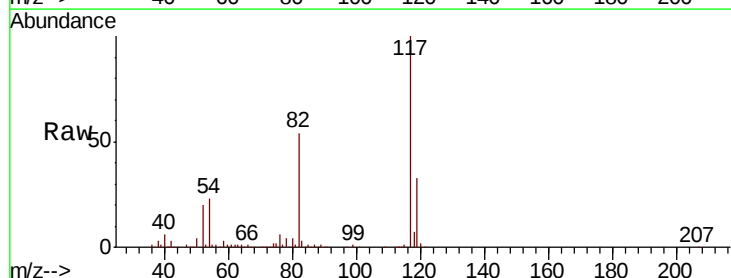
Instrument :
MSVOA_W
ClientSampleId :
PL-03-092018-B

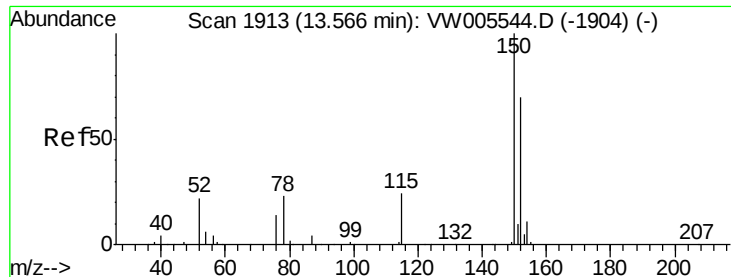
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.8	0.0	163.8
176	83.2	0.0	158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005580.D
Acq: 24 Sep 2018 13:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	46.9	70.3
119	33.0	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: VW005580.D

Acq: 24 Sep 2018 13:13

Instrument :

MSVOA_W

ClientSampleId :

PL-03-092018-B

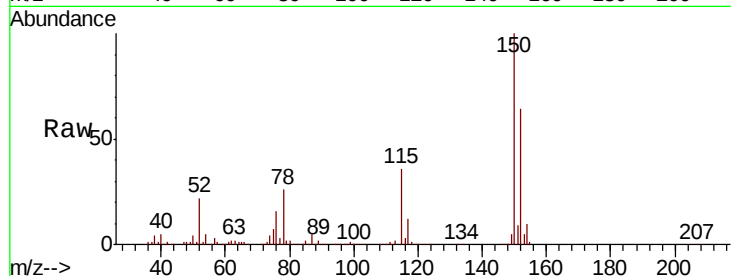
Tot Ion:152 Resp: 144534

Ion Ratio Lower Upper

152 100

115 58.0 30.0 90.0

150 154.5 0.0 348.6

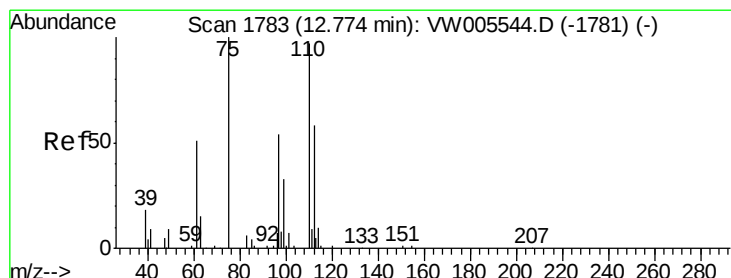
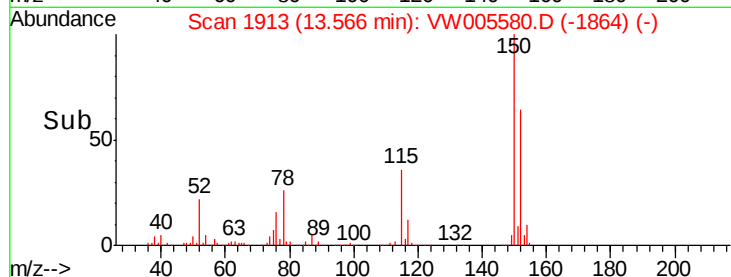
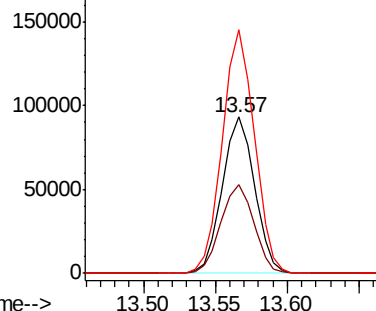


Abundance

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: 26.724 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005580.D

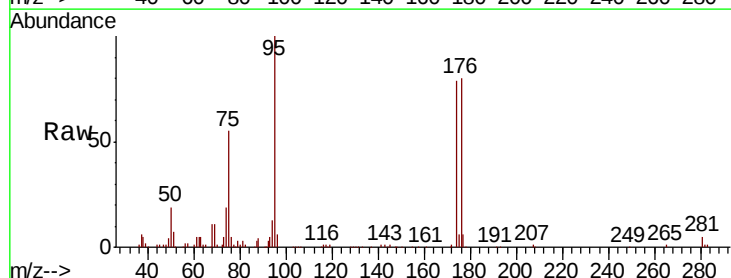
Acq: 24 Sep 2018 13:13

Tgt Ion: 75 Resp: 32925

Ion Ratio Lower Upper

75 100

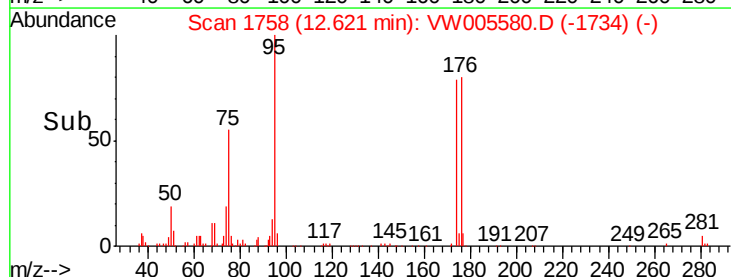
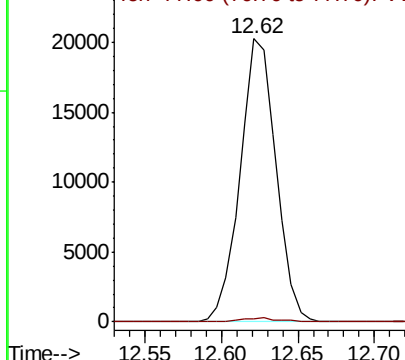
77 1.4 0.0 0.0#

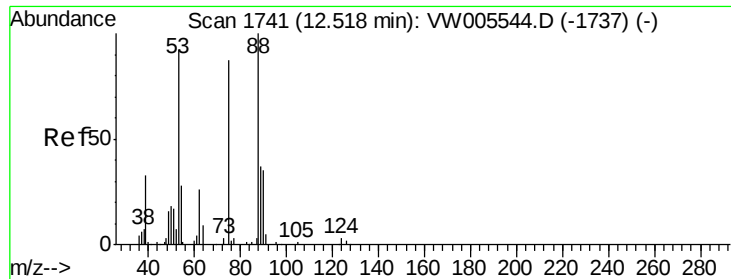


Abundance

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: 60.190 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005580.D

Acq: 24 Sep 2018 13:13

Instrument :

MSVOA_W

ClientSampleId :

PL-03-092018-B

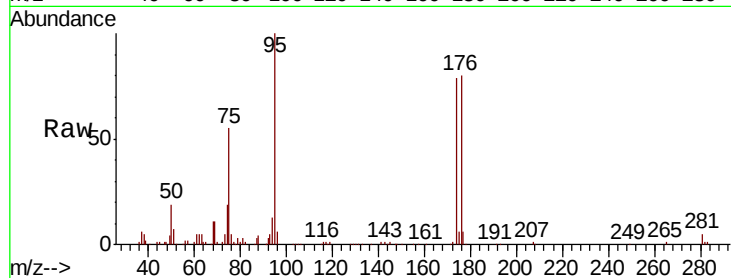
Tot Ion: 75 Resp: 32925

Ion Ratio Lower Upper

75 100

53 0.1 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

