

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005584.D
 Acq On : 24 Sep 2018 14:56
 Operator : VA/AP
 Sample : J4777-29
 Misc : 6.44G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 25 04:57:01 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	214622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	344740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	309453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	123426	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	75660	29.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	59.84%	
35) Dibromofluoromethane	7.89	113	62651	28.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	57.80%	
50) Toluene-d8	10.33	98	212076	24.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	48.04%	
62) 4-Bromofluorobenzene	12.63	95	69568	21.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	42.60%	

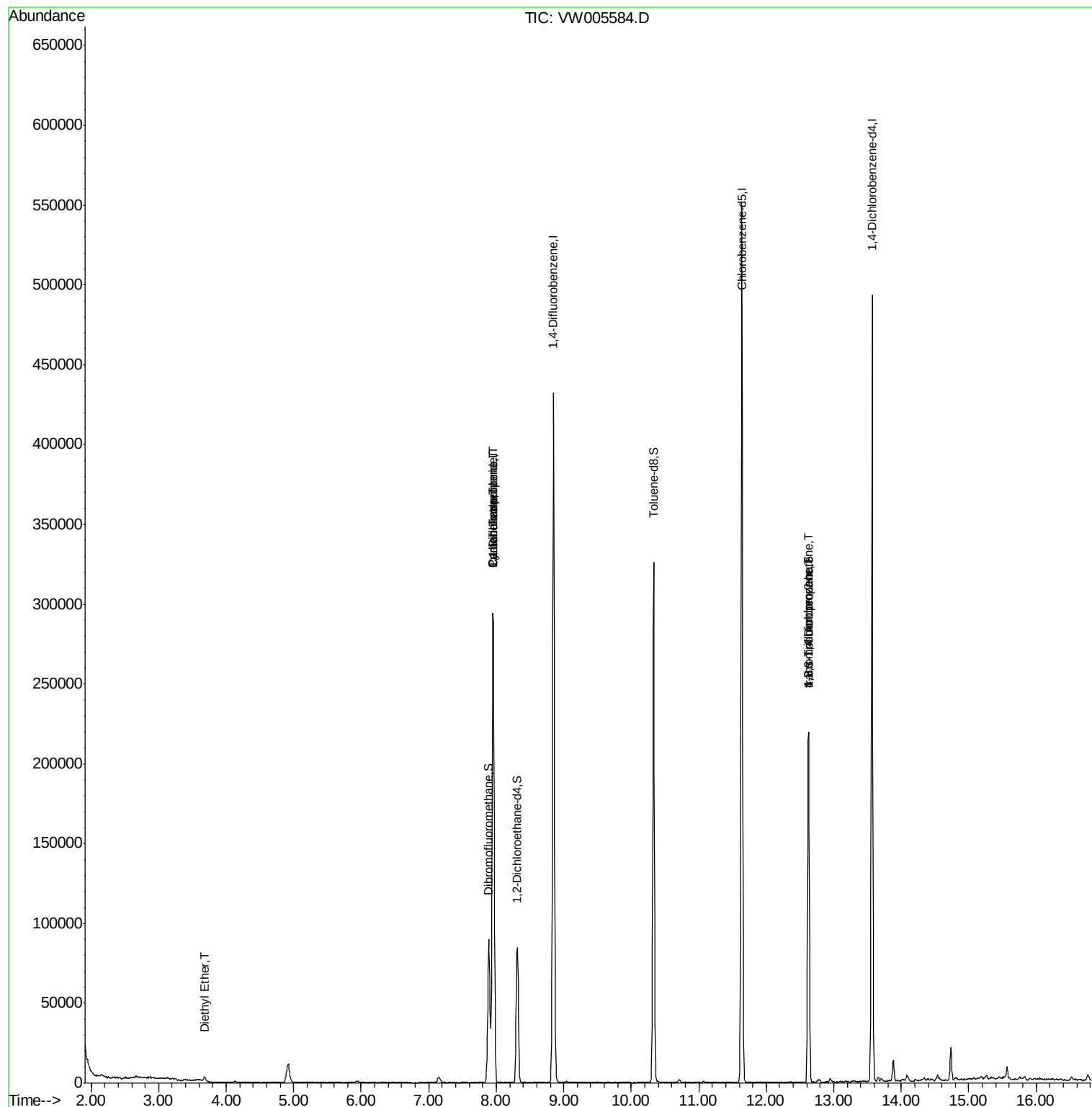
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1207	1.146	ug/l	79
11) Tert butyl alcohol	5.19	59	20	Below Cal	#	72
13) Acrolein	3.65	56	19	Below Cal	#	13
16) Acetone	4.13	43	1065	Below Cal		97
31) Cyclohexane	7.95	56	4924	1.256	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	16838	4.852	ug/l #	51
38) Carbon Tetrachloride	7.96	117	21282	5.723	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	36397	34.594	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	36397	77.916	ug/l #	7

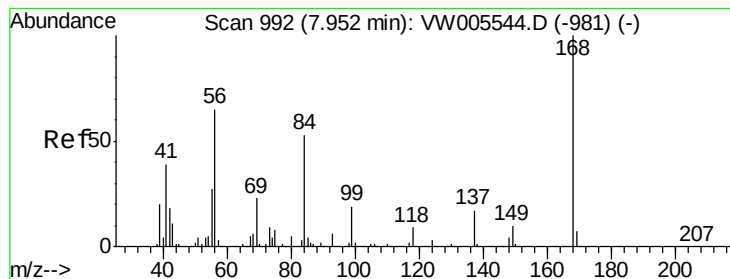
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005584.D

Acq: 24 Sep 2018 14:56

Instrument :

MSVOA_W

ClientSampleId :

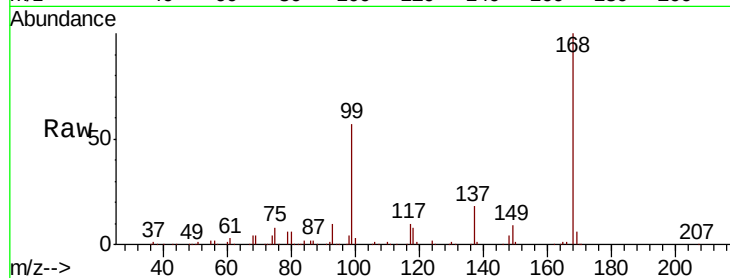
PL-04-092018-C

Tot Ion:168 Resp: 214622

Ion Ratio Lower Upper

168 100

99 57.0 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

100000

80000

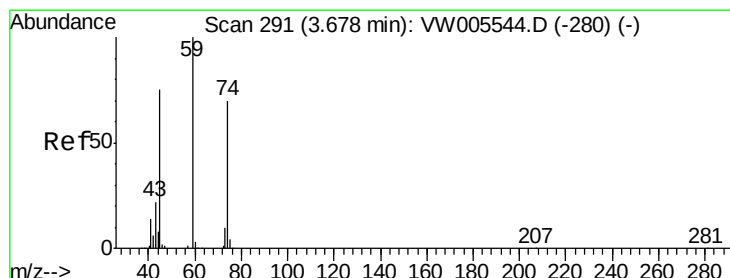
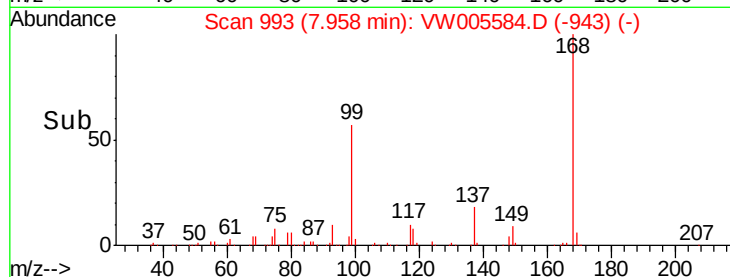
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.146 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005584.D

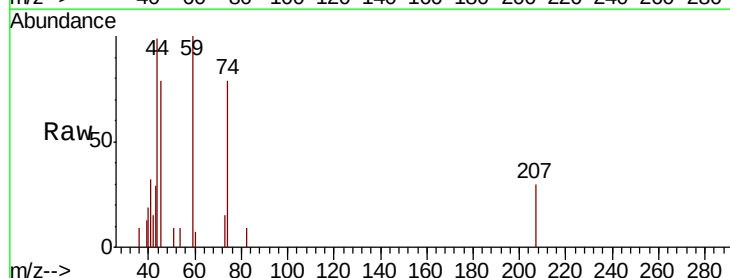
Acq: 24 Sep 2018 14:56

Tgt Ion: 74 Resp: 1207

Ion Ratio Lower Upper

74 100

45 125.4 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

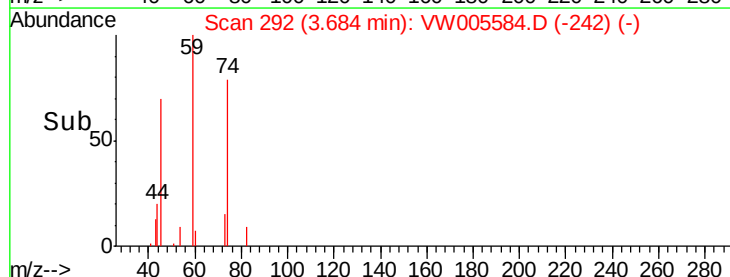
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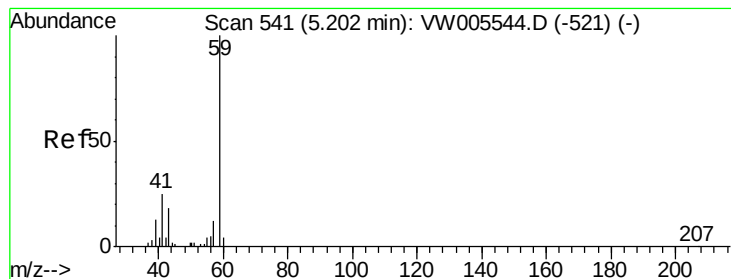
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200

0

Time-->



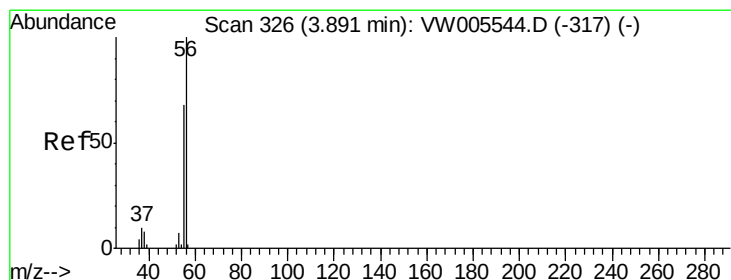
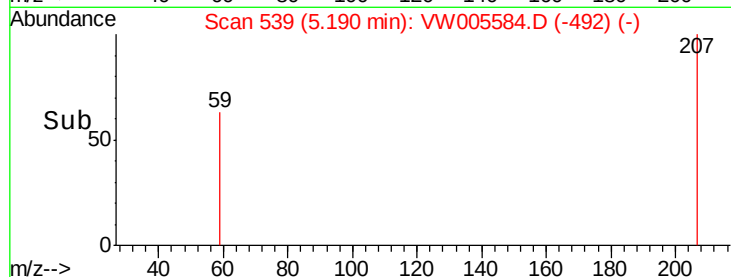
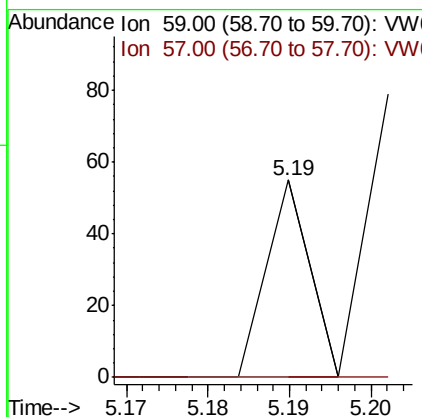
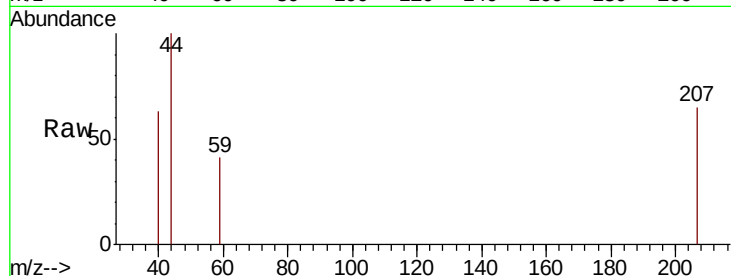


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.19 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: VW005584.D
 Acq: 24 Sep 2018 14:56

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

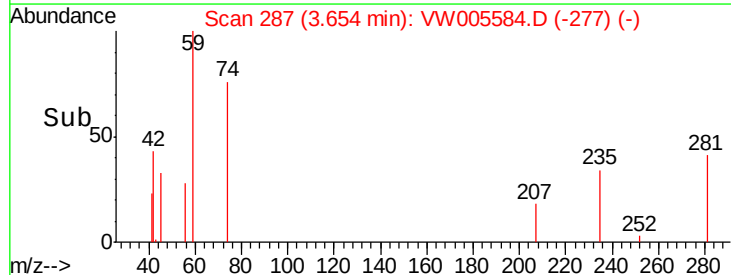
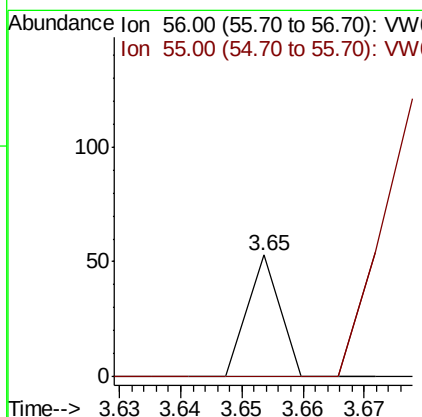
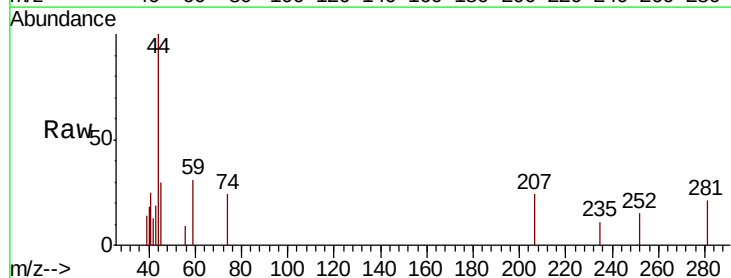
Tot Ion: 59 Resp: 20
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

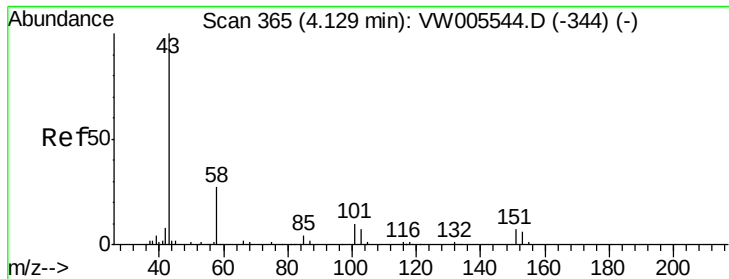


#13

Acrolein
 Concen: Below Cal
 RT: 3.65 min Scan# 287
 Delta R.T. -0.24 min
 Lab File: VW005584.D
 Acq: 24 Sep 2018 14:56

Tgt Ion: 56 Resp: 19
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.8 86.8#

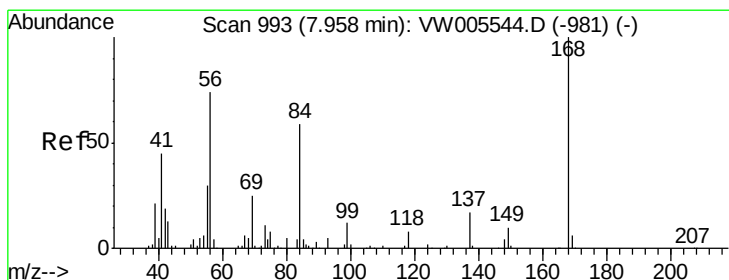
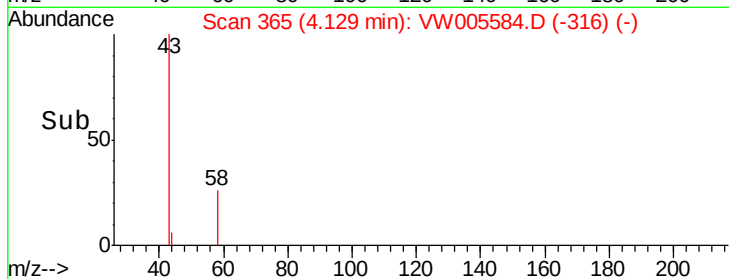
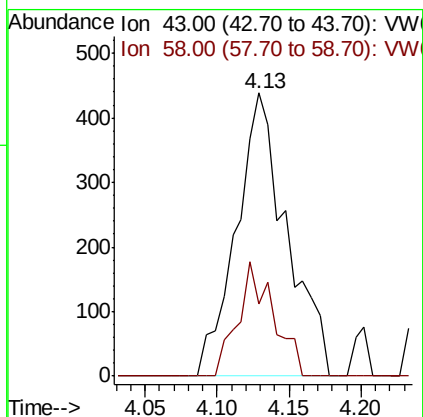
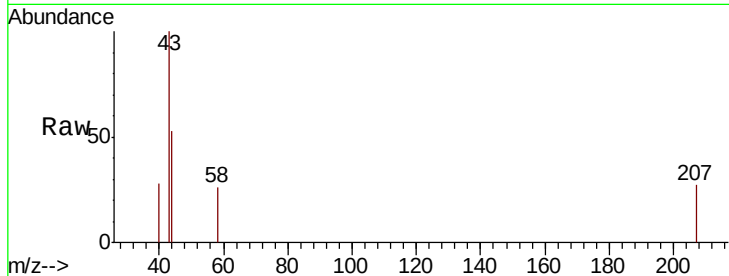




#16
Acetone
Concen: Below Cal
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW005584.D
Acq: 24 Sep 2018 14:56

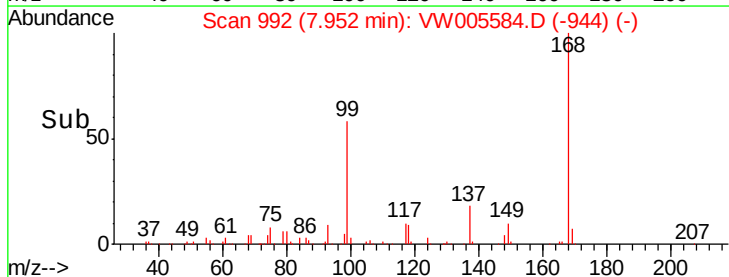
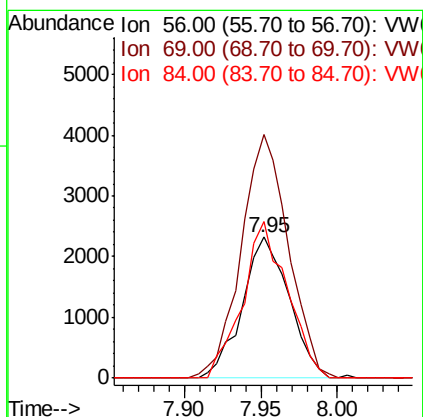
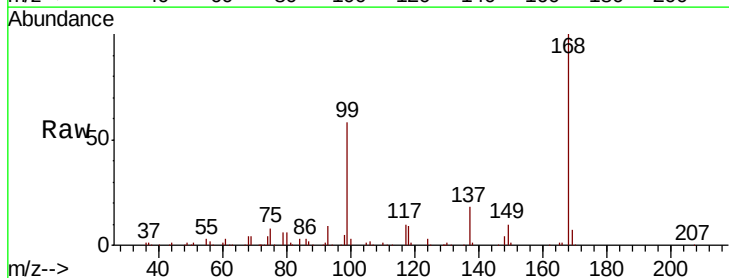
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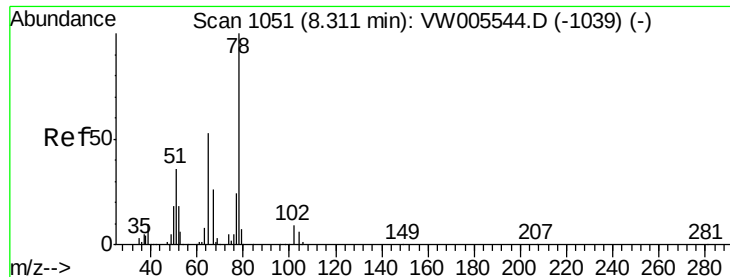
Tot Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 25.6 21.8 32.8



#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005584.D
Acq: 24 Sep 2018 14:56

Tgt Ion: 56 Resp: 4924
Ion Ratio Lower Upper
56 100
69 172.5 27.0 40.4#
84 111.0 64.2 96.4#

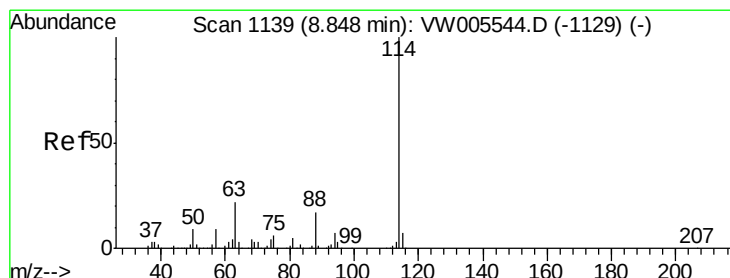
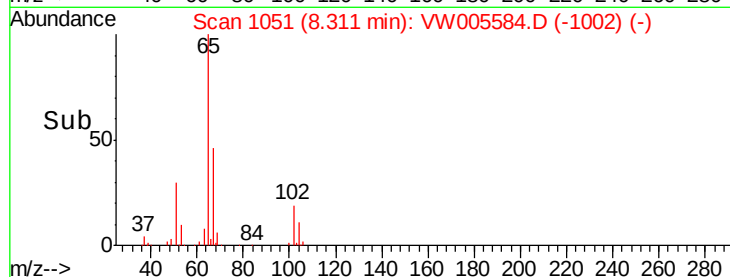
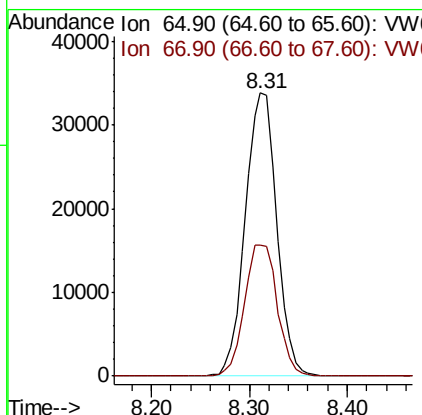
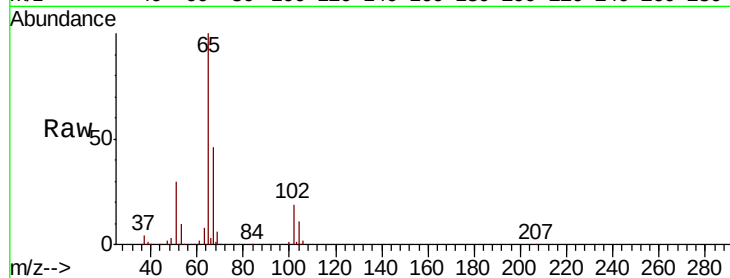




#33
 1,2-Dichloroethane-d4
 Concen: 29.924 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005584.D
 Acq: 24 Sep 2018 14:56

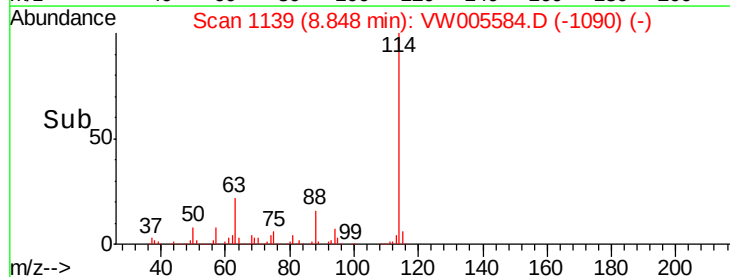
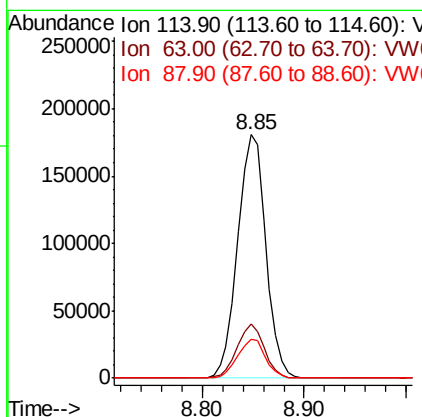
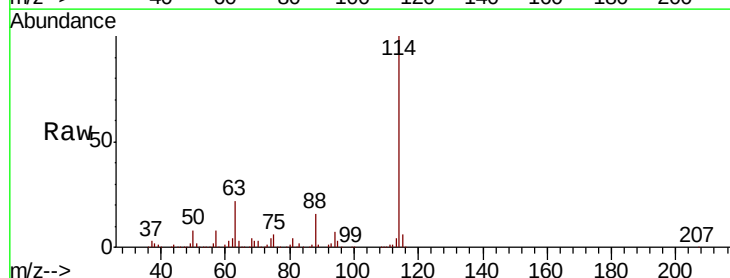
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 ClientSampleId :
 PL-04-092018-C

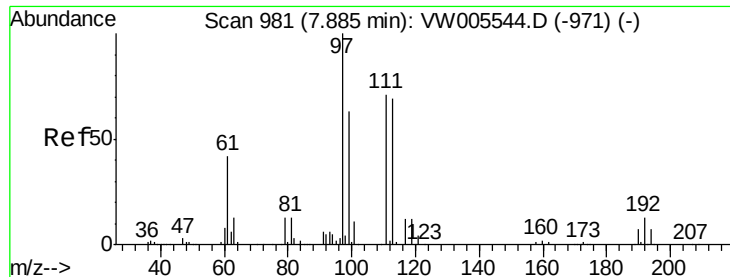
Tot Ion	65	Resp	75660
Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005584.D
 Acq: 24 Sep 2018 14:56

Tgt Ion	114	Resp	344740
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.0
88	15.7	0.0	33.0

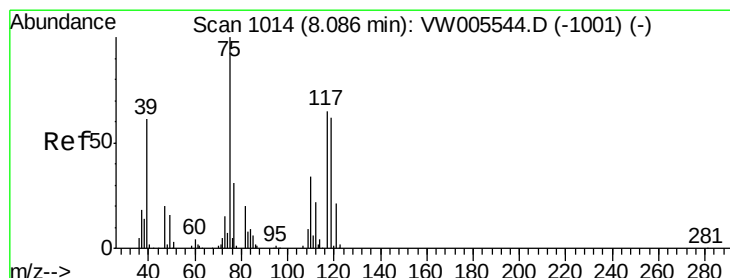
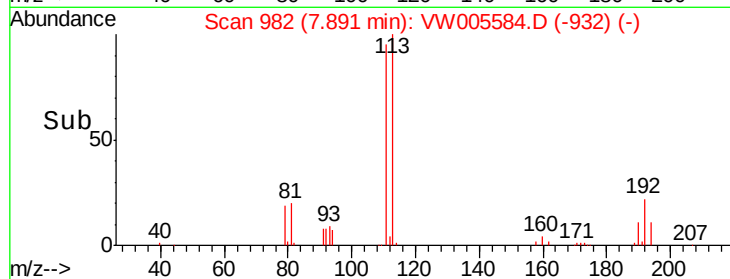
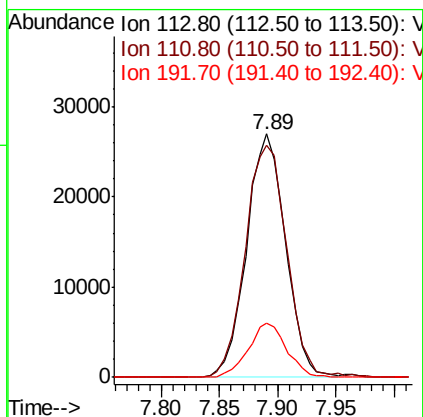
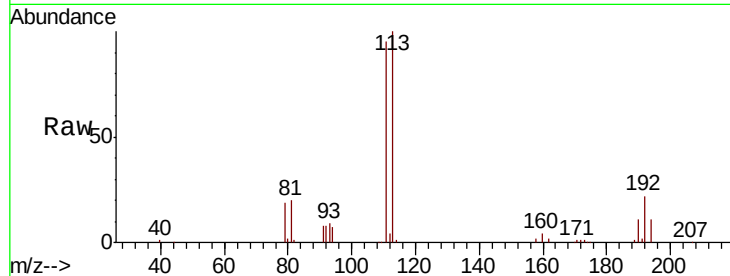




#35
 Dibromofluoromethane
 Concen: 28.899 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005584.D
 Acq: 24 Sep 2018 14:56

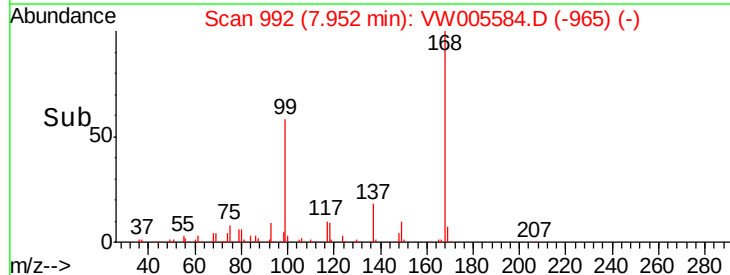
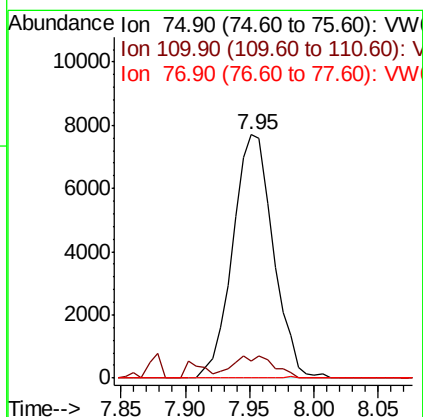
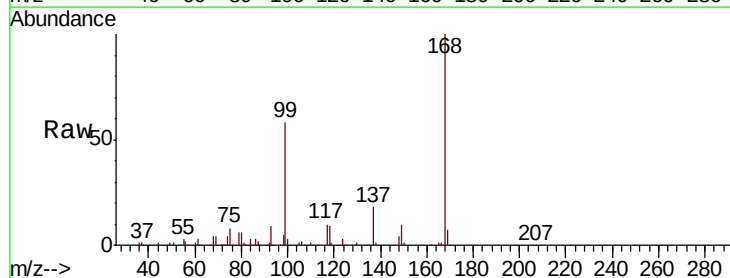
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 PL-04-092018-C

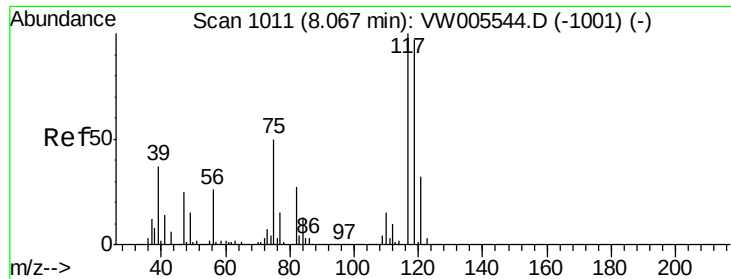
Tot Ion:113 Resp: 62651
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 123.8
 192 21.7 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 4.852 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005584.D
 Acq: 24 Sep 2018 14:56

Tgt Ion: 75 Resp: 16838
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.0 50.9#
 77 0.0 24.8 37.2#

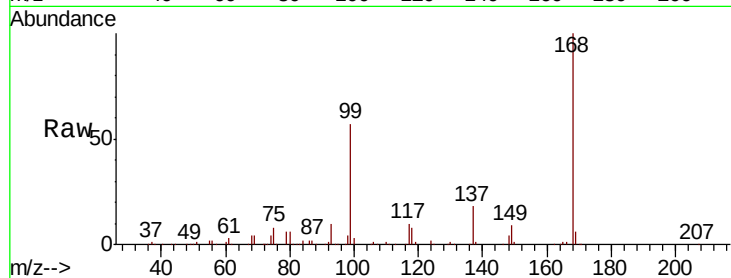




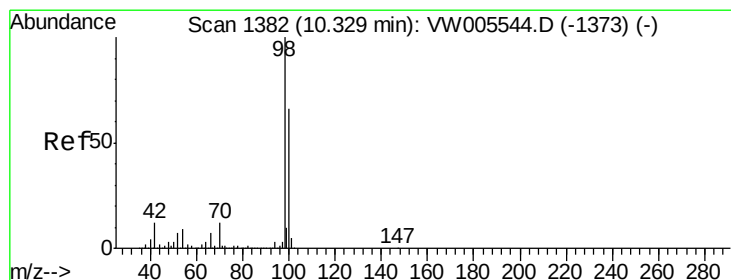
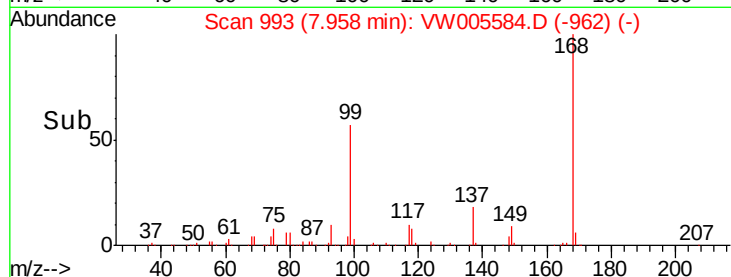
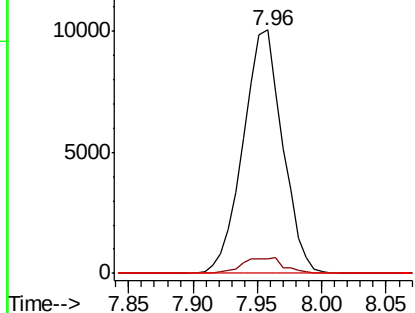
#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.11 min
Lab File: VW005584.D
Acq: 24 Sep 2018 14:56

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

Tot Ion:117 Resp: 21282
Ion Ratio Lower Upper
117 100
119 6.1 77.6 116.4#
121 0.0 25.7 38.5#

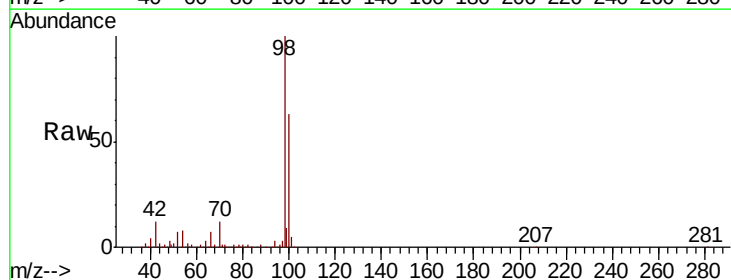


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

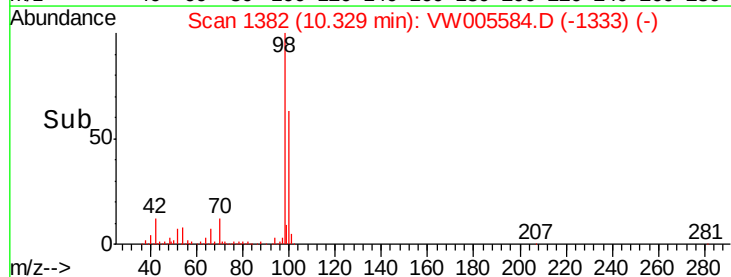
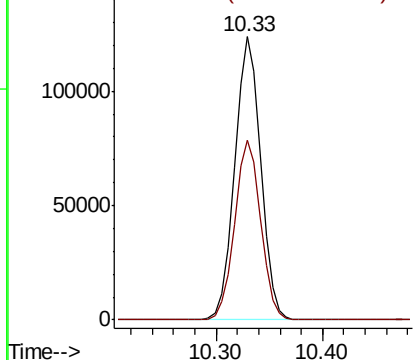


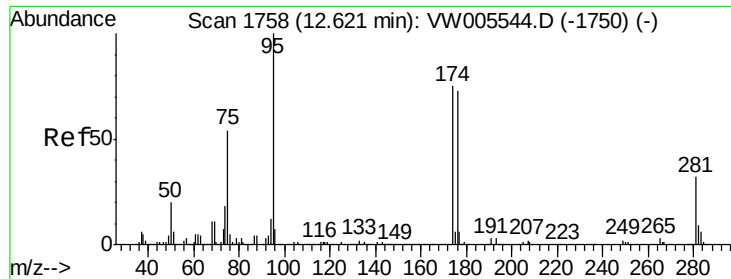
#50
Toluene-d8
Concen: 24.025 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005584.D
Acq: 24 Sep 2018 14:56

Tgt Ion: 98 Resp: 212076
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



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

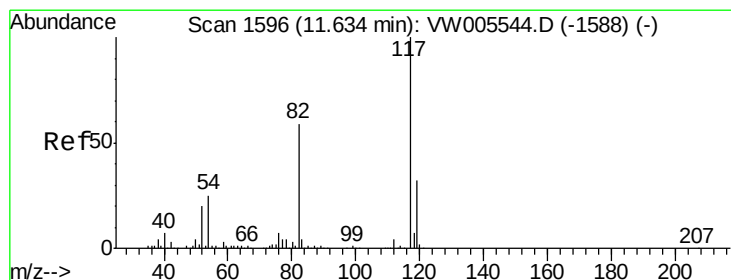
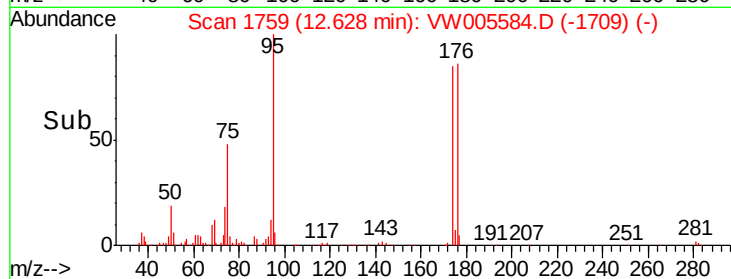
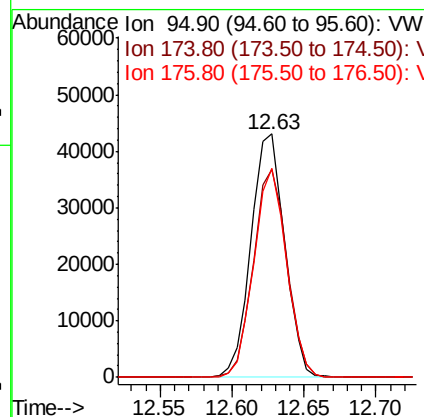
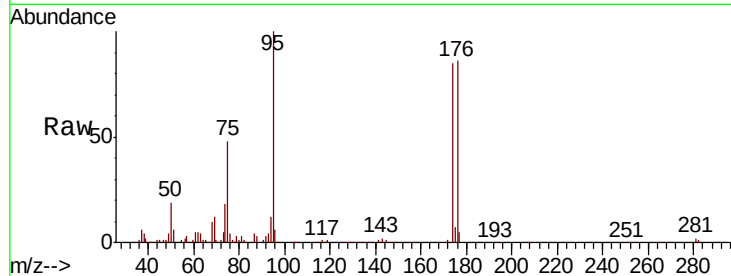




#62
4-Bromofluorobenzene
Concen: 21.298 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005584.D
Acq: 24 Sep 2018 14:56

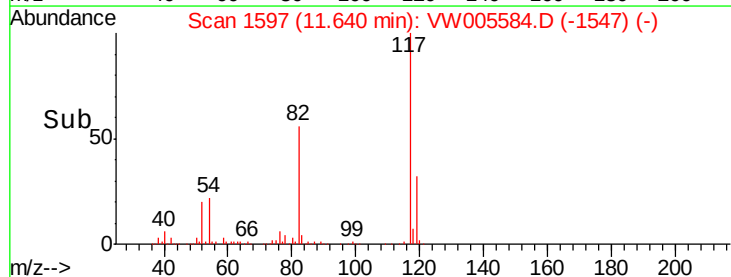
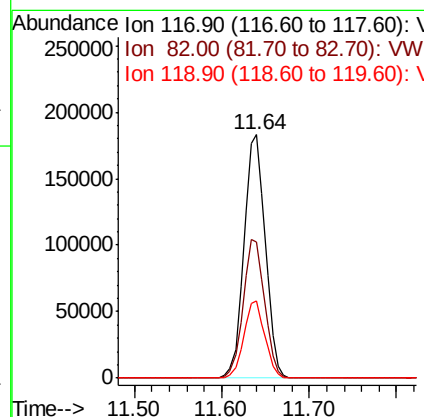
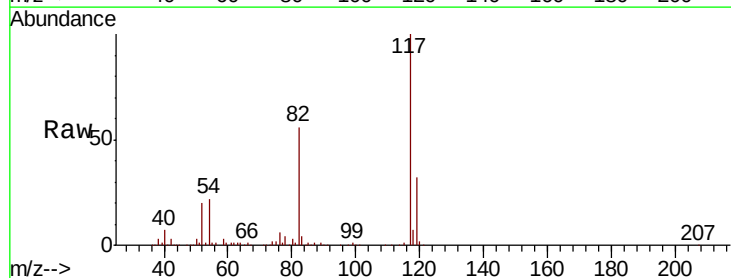
Instrument :
MSVOA_W
ClientSampleId :
PL-04-092018-C

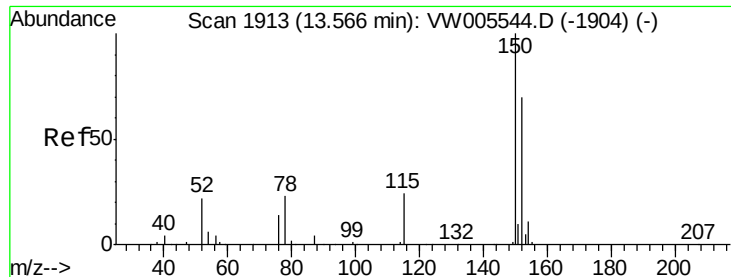
Tot Ion	95	Resp	69568
Ion Ratio	Lower	Upper	
95	100		
174	85.3	0.0	163.8
176	83.0	0.0	158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005584.D
Acq: 24 Sep 2018 14:56

Tgt Ion	117	Resp	309453
Ion Ratio	Lower	Upper	
117	100		
82	56.1	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: VW005584.D

Acq: 24 Sep 2018 14:56

Instrument :

MSVOA_W

ClientSampleId :

PL-04-092018-C

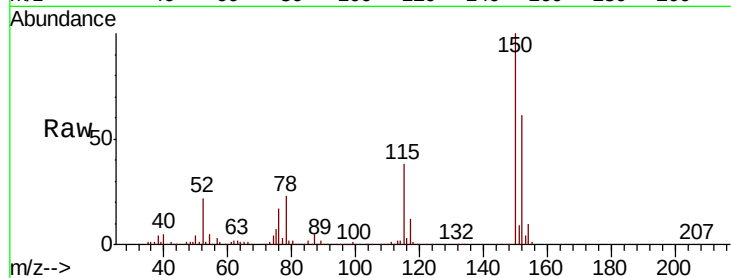
Tot Ion:152 Resp: 123426

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

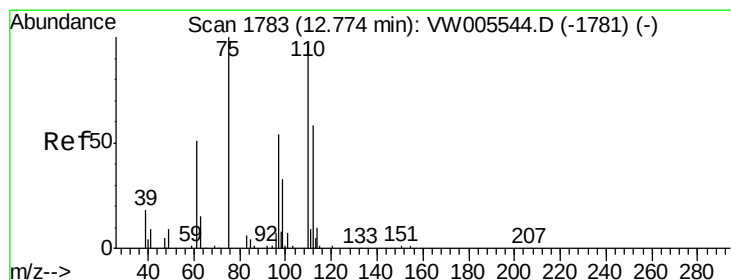
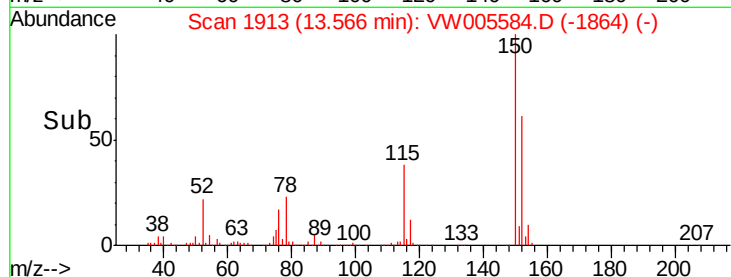
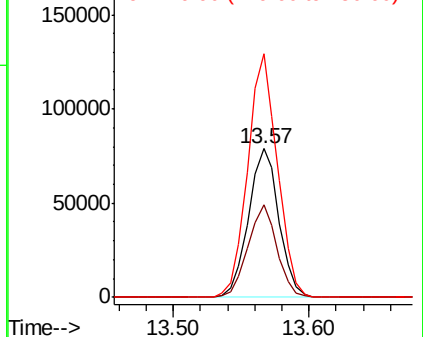
150 159.7 0.0 348.6



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: 34.594 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005584.D

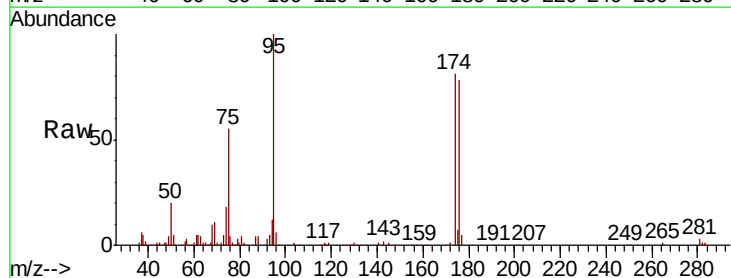
Acq: 24 Sep 2018 14:56

Tgt Ion: 75 Resp: 36397

Ion Ratio Lower Upper

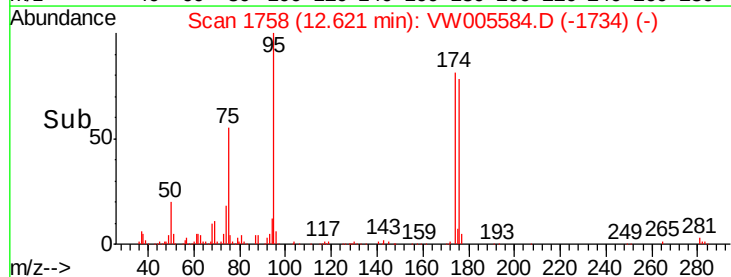
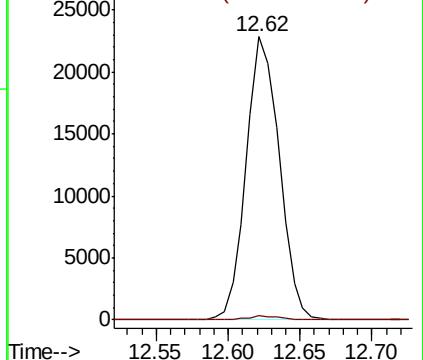
75 100

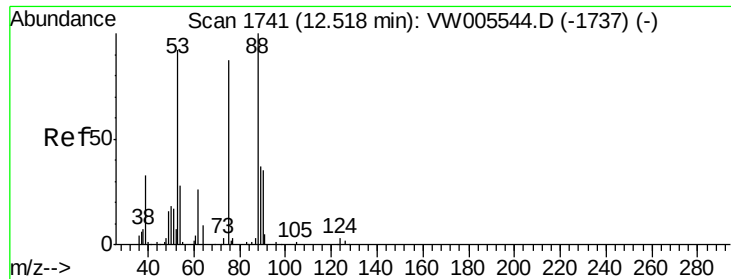
77 1.3 0.0 0.0#



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: 77.916 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005584.D

Acq: 24 Sep 2018 14:56

Instrument :

MSVOA_W

ClientSampleId :

PL-04-092018-C

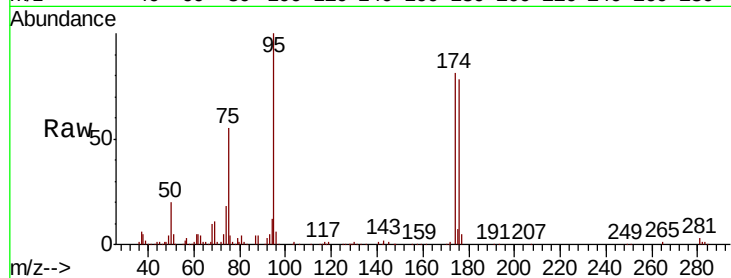
Tot Ion: 75 Resp: 36397

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

