

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005582.D
 Acq On : 24 Sep 2018 14:04
 Operator : VA/AP
 Sample : J4777-25
 Misc : 6.94G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 25 04:56:41 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	239686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	379392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	315662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	131578	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	70286	24.89	ug/l	0.00
Spiked Amount				50.000		
Recovery					=	49.78%
35) Dibromofluoromethane	7.89	113	62463	26.18	ug/l	0.00
Spiked Amount				50.000		
Recovery					=	52.36%
50) Toluene-d8	10.33	98	209940	21.61	ug/l	0.00
Spiked Amount				50.000		
Recovery					=	43.22%
62) 4-Bromofluorobenzene	12.63	95	67753	18.85	ug/l	0.00
Spiked Amount				50.000		
Recovery					=	37.70%

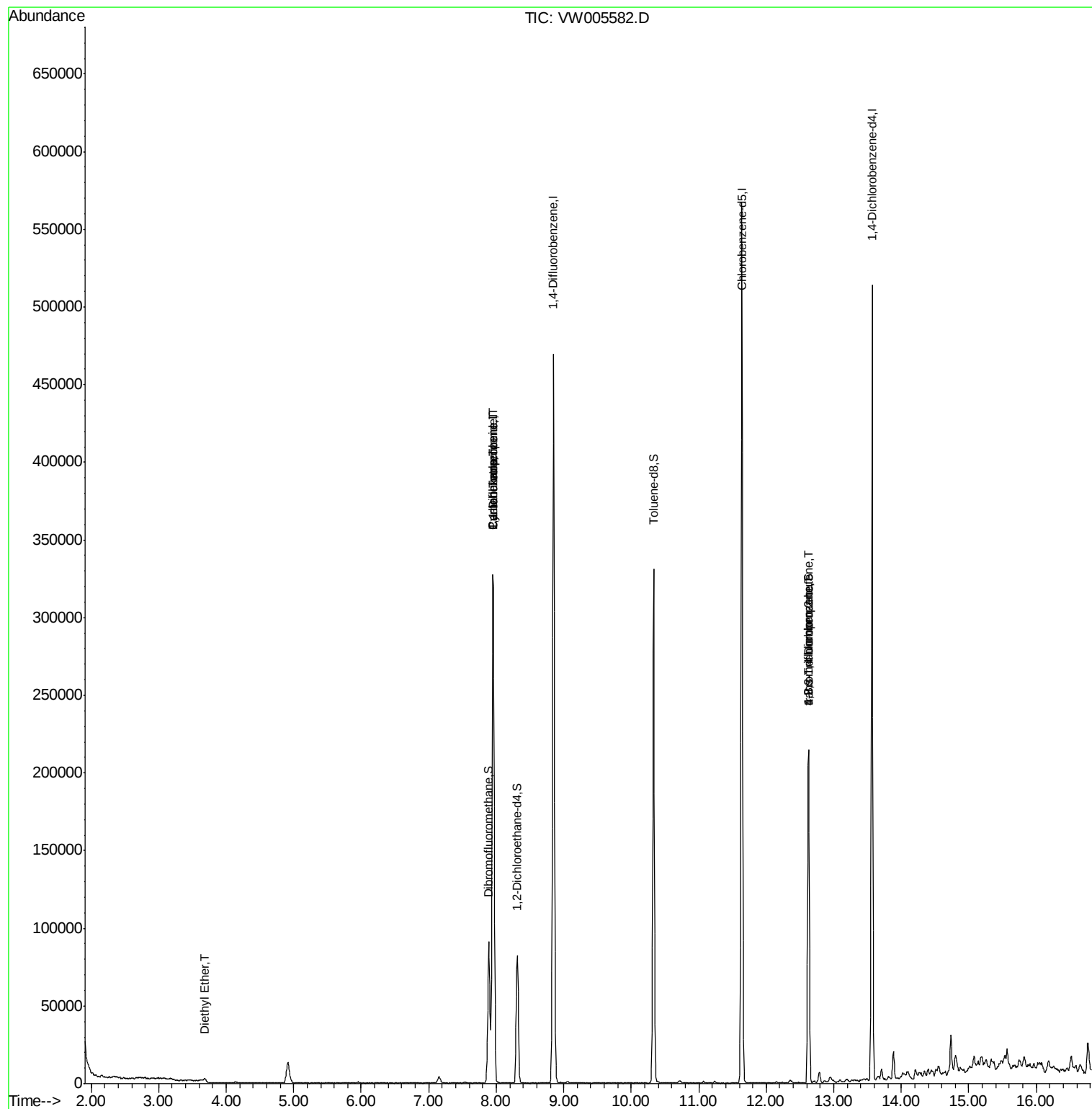
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1620	1.377	ug/l	97
11) Tert butyl alcohol	5.20	59	78	Below Cal	#	72
13) Acrolein	3.81	56	19	Below Cal	#	13
16) Acetone	4.13	43	1463	Below Cal	#	89
31) Cyclohexane	7.96	56	5559	1.270	ug/l #	36
36) 1,1-Dichloropropene	7.95	75	17971	4.705	ug/l #	50
38) Carbon Tetrachloride	7.95	117	24347	5.949	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	36073	32.162	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	36073	72.438	ug/l #	7

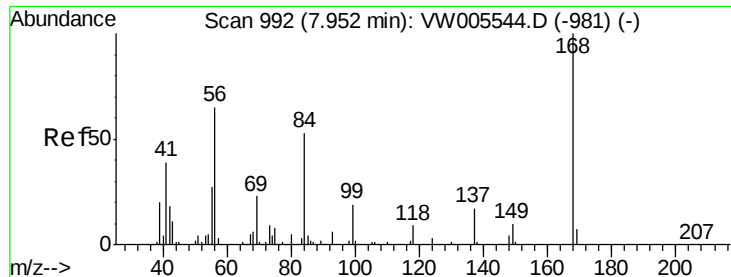
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005582.D

Acq: 24 Sep 2018 14:04

Instrument :

MSVOA_W

ClientSampleId :

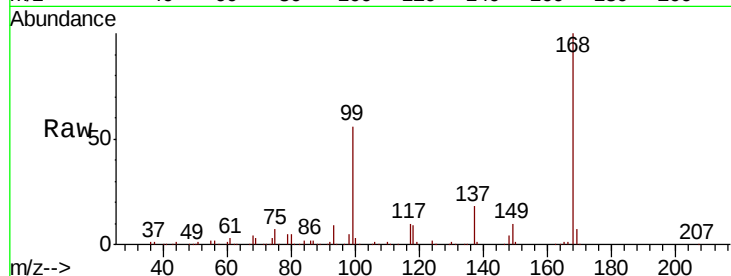
PL-04-092018-A

Tot Ion:168 Resp: 239686

Ion Ratio Lower Upper

168 100

99 55.6 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

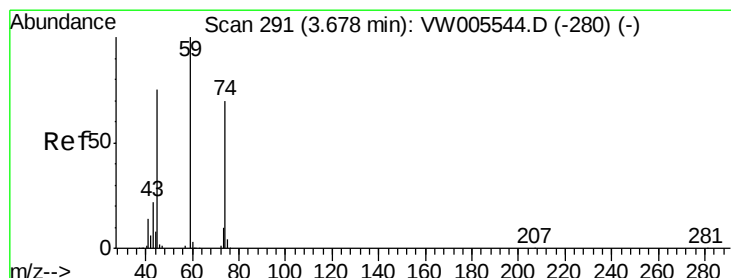
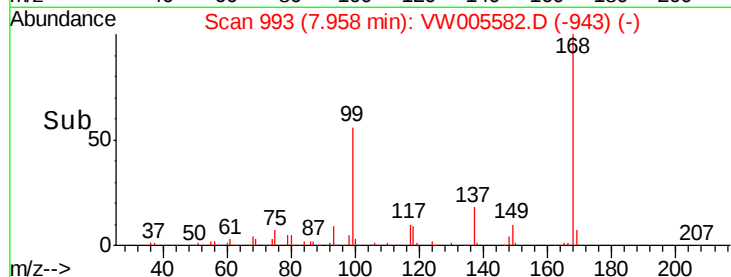
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.377 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005582.D

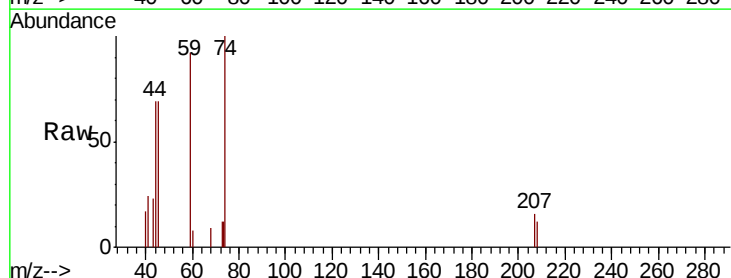
Acq: 24 Sep 2018 14:04

Tgt Ion: 74 Resp: 1620

Ion Ratio Lower Upper

74 100

45 100.9 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

800

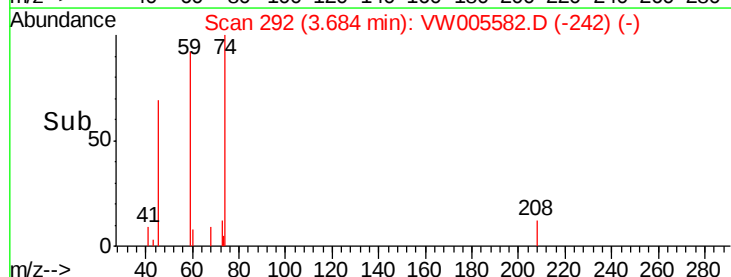
600

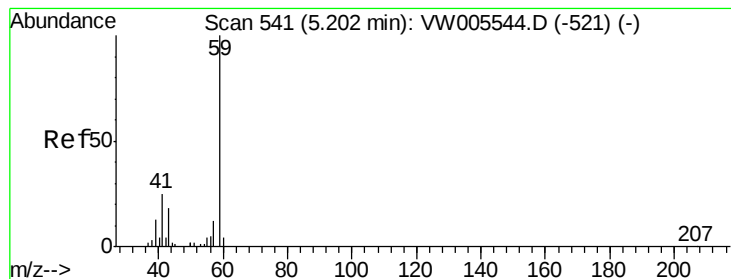
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200

0

Time-->



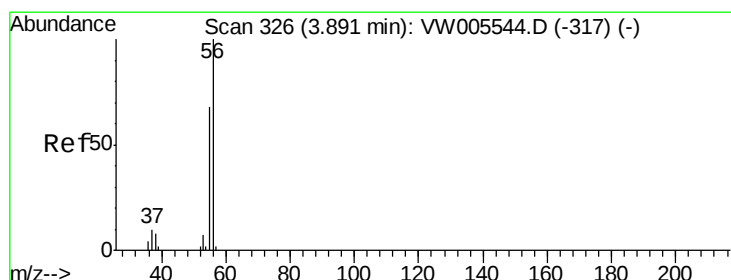
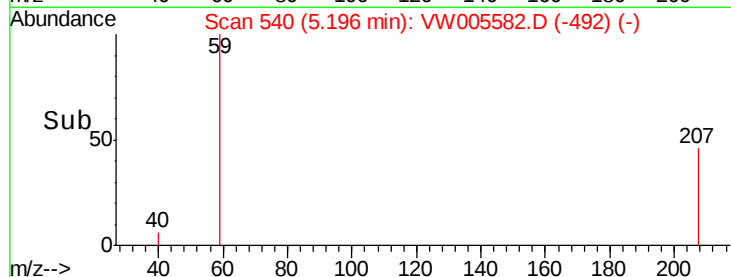
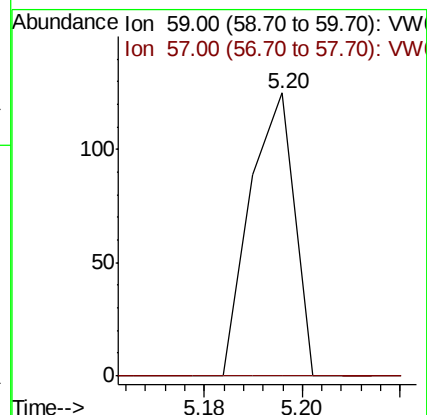
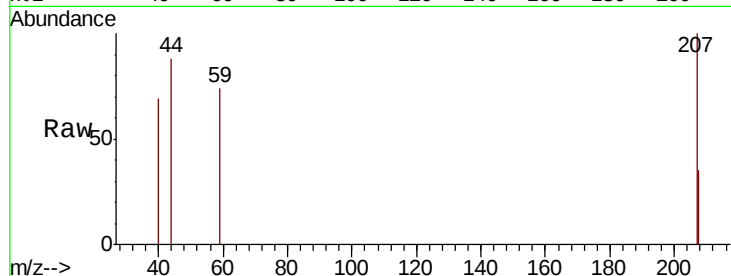


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VW005582.D
 Acq: 24 Sep 2018 14:04

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

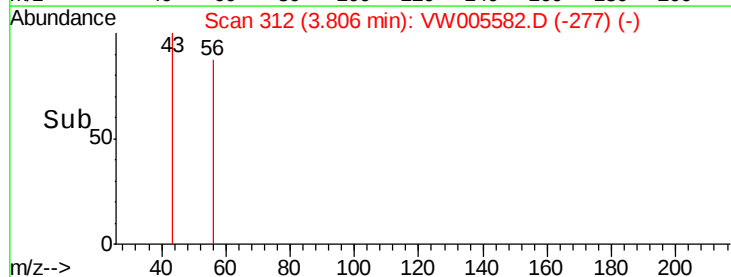
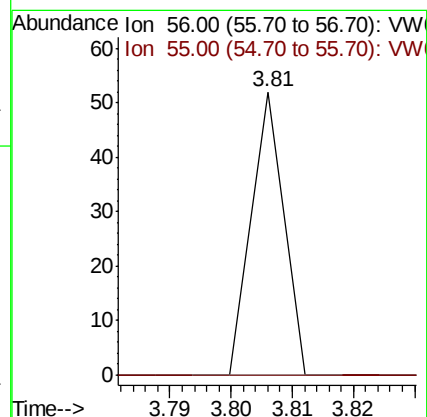
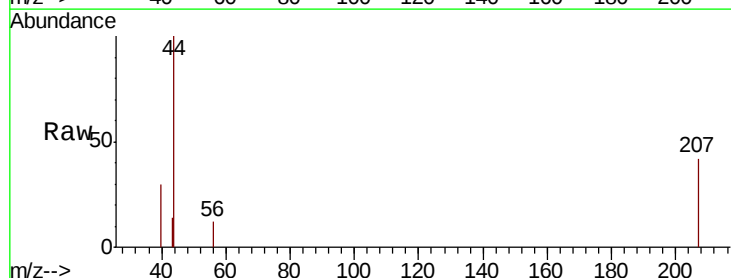
Tot Ion: 59 Resp: 78
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

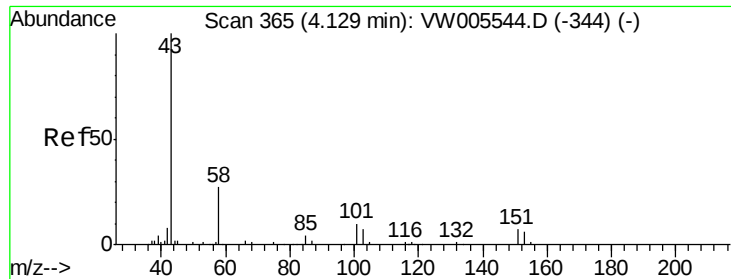


#13

Acrolein
 Concen: Below Cal
 RT: 3.81 min Scan# 312
 Delta R.T. -0.09 min
 Lab File: VW005582.D
 Acq: 24 Sep 2018 14:04

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

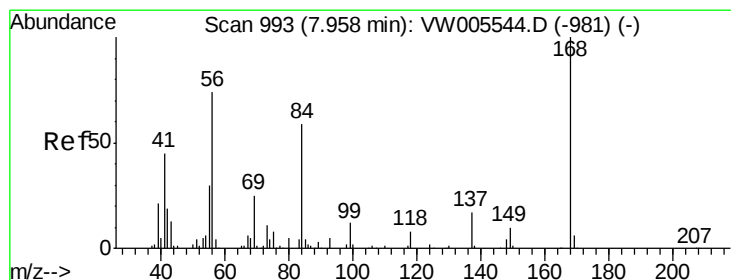
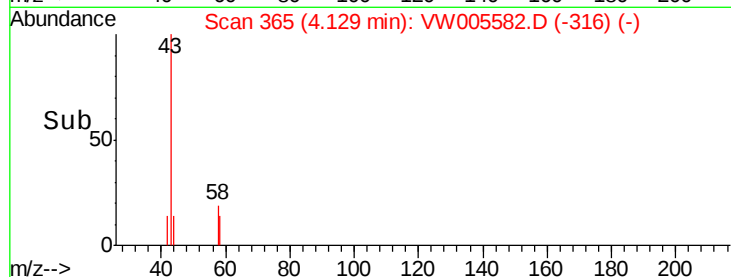
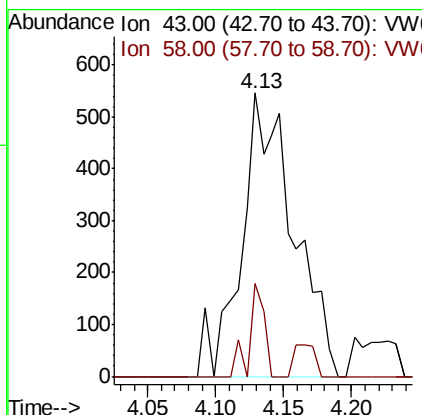
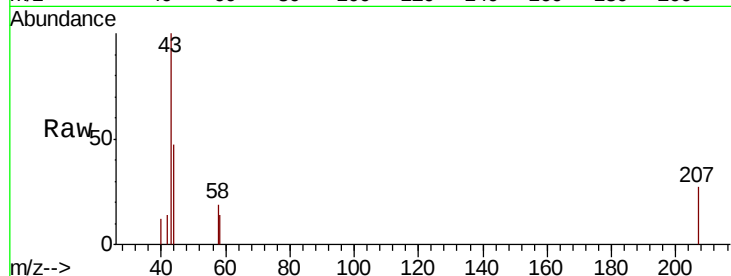




#16
Acetone
Concen: Below Cal
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW005582.D
Acq: 24 Sep 2018 14:04

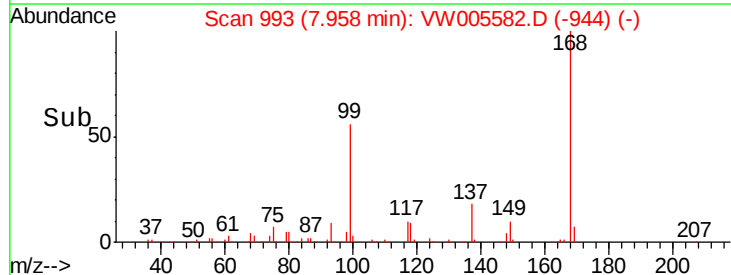
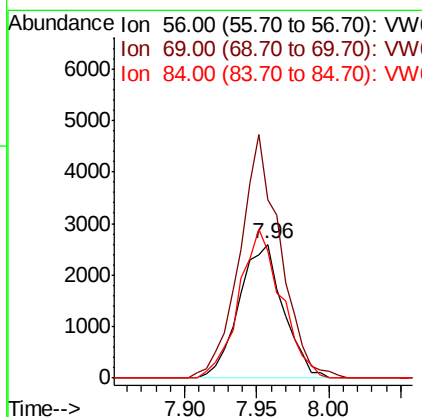
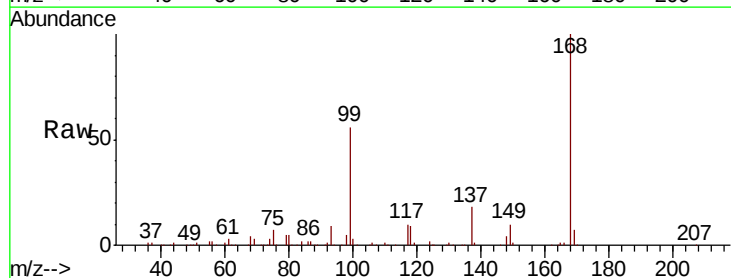
Instrument :
MSVOA_W
ClientSampleId :
PL-04-092018-A

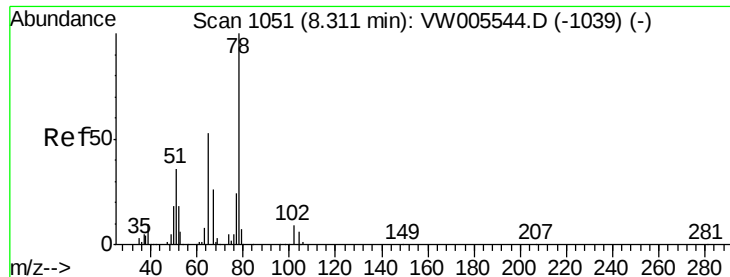
Tot Ion: 43 Resp: 1463
Ion Ratio Lower Upper
43 100
58 33.0 21.8 32.8#



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005582.D
Acq: 24 Sep 2018 14:04

Tgt Ion: 56 Resp: 5559
Ion Ratio Lower Upper
56 100
69 133.6 27.0 40.4#
84 95.1 64.2 96.4

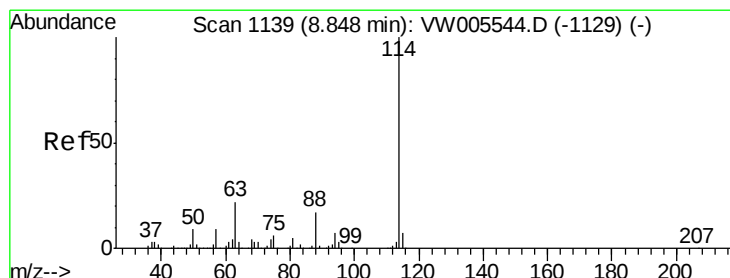
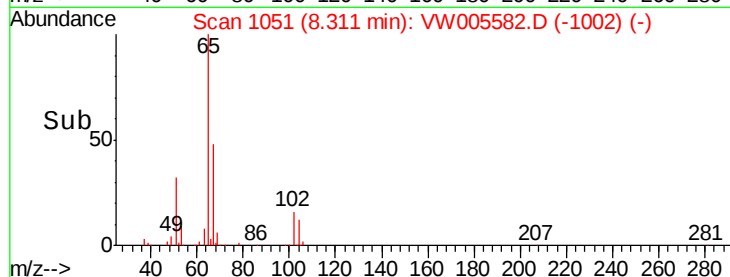
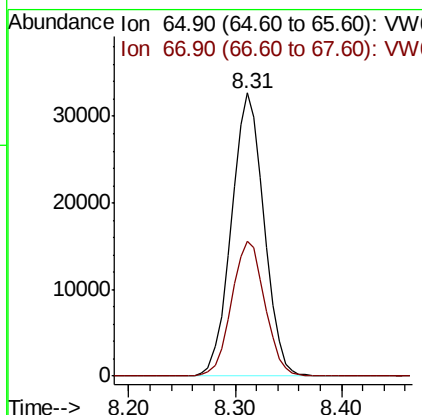
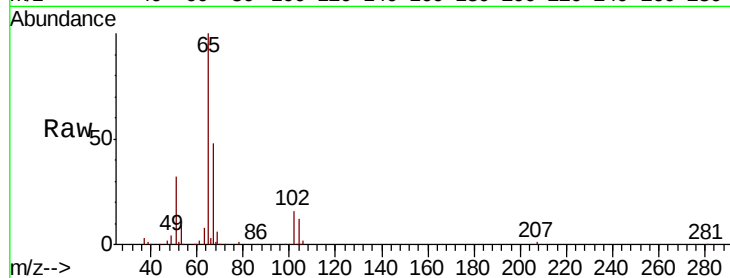




#33
 1,2-Dichloroethane-d4
 Concen: 24.892 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005582.D
 Acq: 24 Sep 2018 14:04

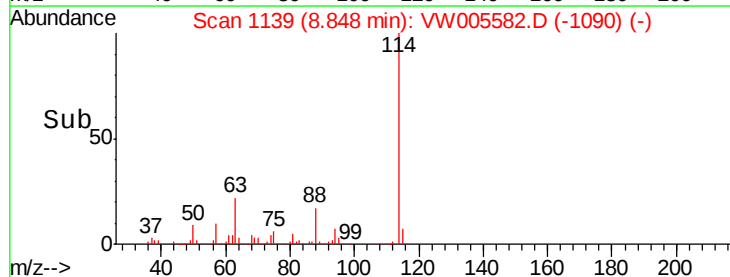
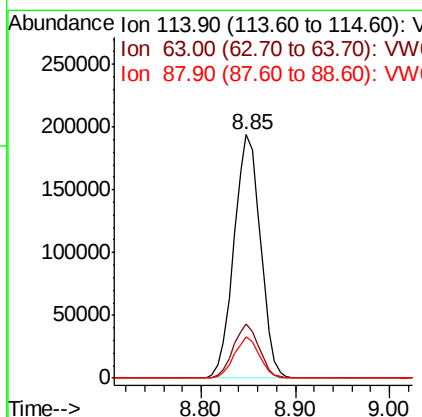
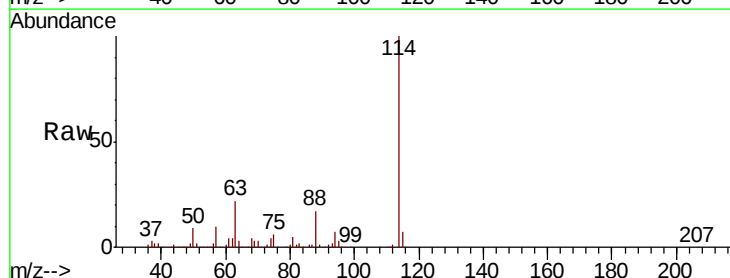
Instrument :
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 ClientSampleId :
 PL-04-092018-A

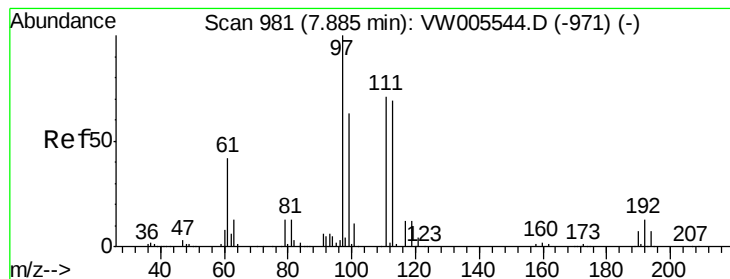
Tot Ion: 65 Resp: 70286
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005582.D
 Acq: 24 Sep 2018 14:04

Tgt Ion: 114 Resp: 379392
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.0
 88 16.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 26.181 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005582.D

Acq: 24 Sep 2018 14:04

Instrument :

MSVOA_W

ClientSampleId :

PL-04-092018-A

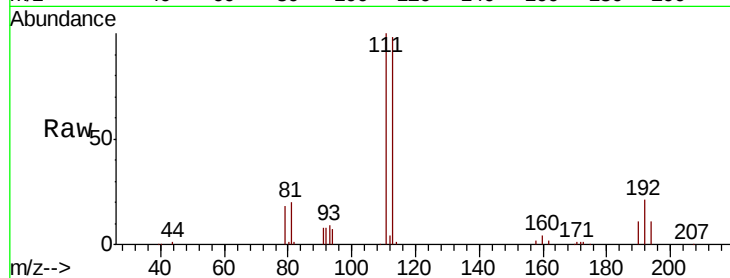
Tot Ion:113 Resp: 62463

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

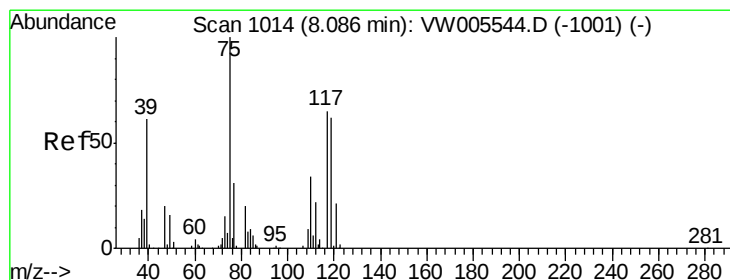
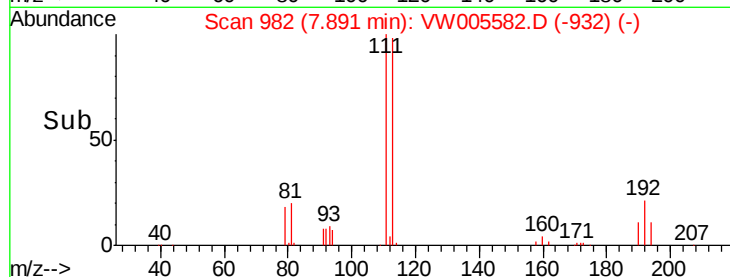
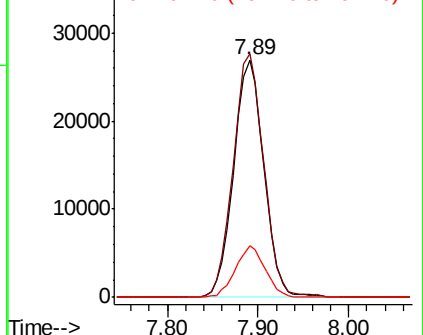
192 21.2 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.705 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005582.D

Acq: 24 Sep 2018 14:04

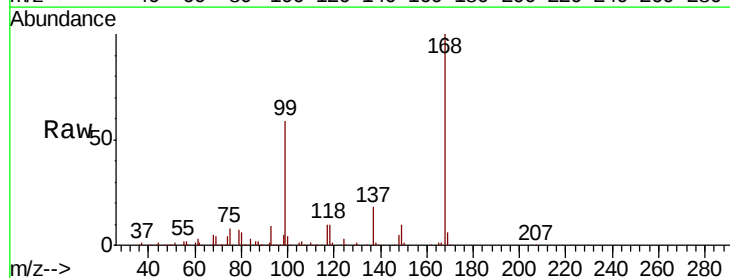
Tgt Ion: 75 Resp: 17971

Ion Ratio Lower Upper

75 100

110 8.6 17.0 50.9#

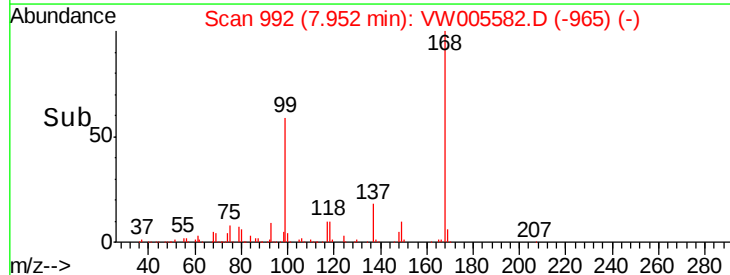
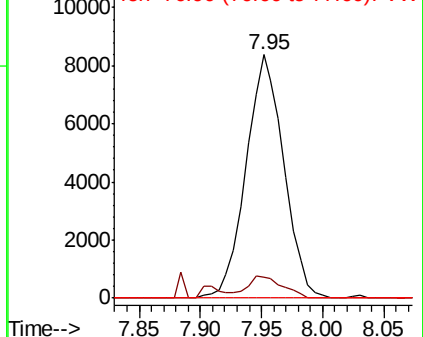
77 0.0 24.8 37.2#

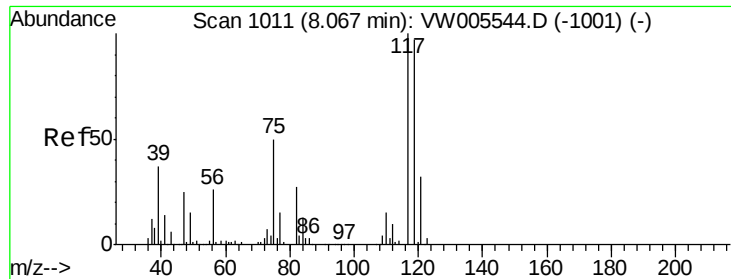


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

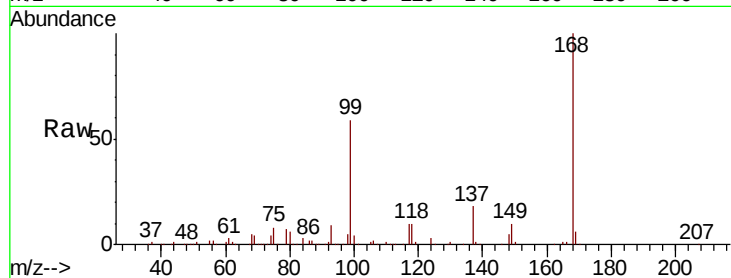




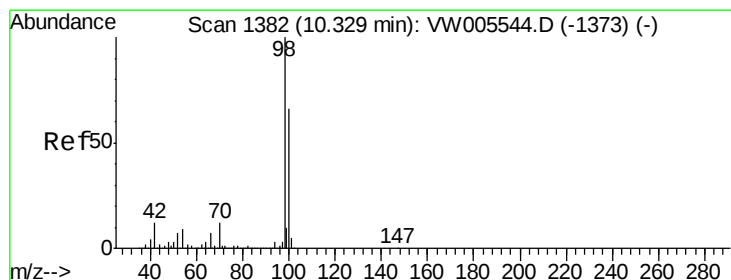
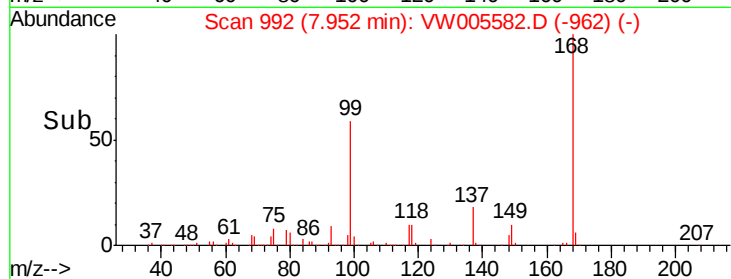
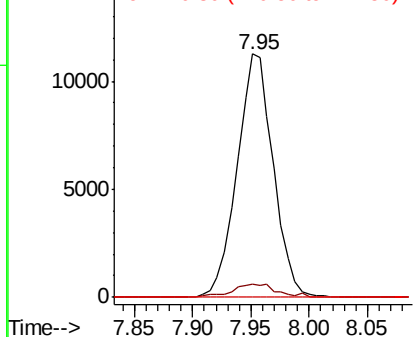
#38
 Carbon Tetrachloride
 Concen: 5.949 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005582.D
 Acq: 24 Sep 2018 14:04

Instrument :
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 ClientSampleId :
 PL-04-092018-A

Tot Ion:117 Resp: 24347
 Ion Ratio Lower Upper
 117 100
 119 5.6 77.6 116.4#
 121 0.0 25.7 38.5#

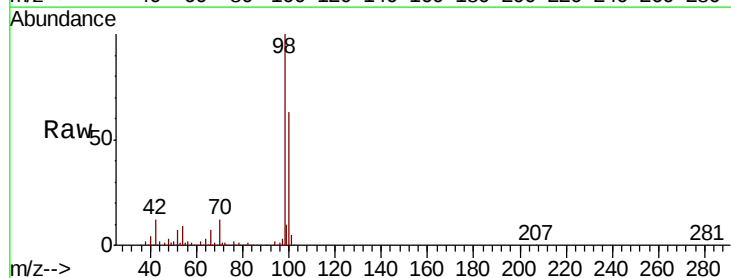


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

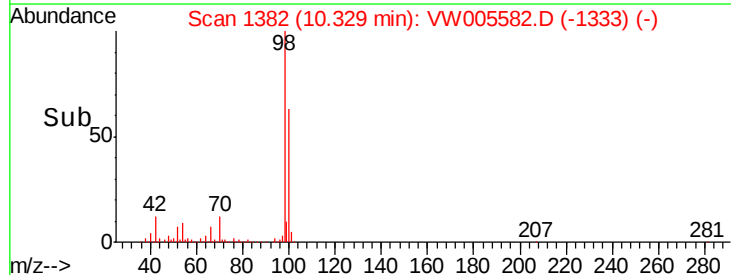
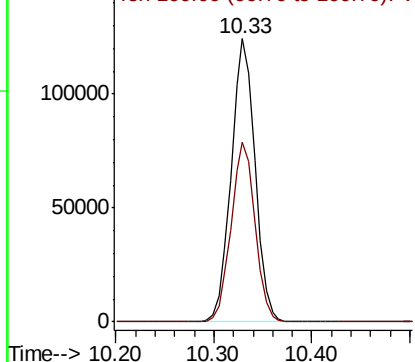


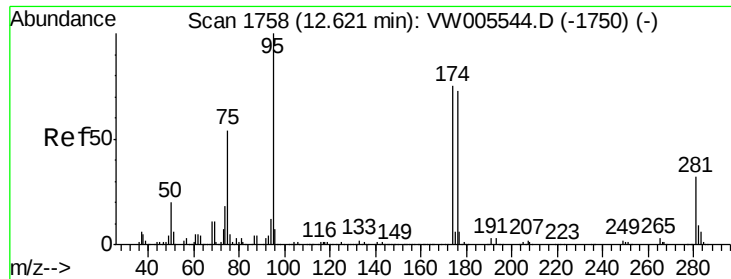
#50
 Toluene-d8
 Concen: 21.611 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005582.D
 Acq: 24 Sep 2018 14:04

Tgt Ion: 98 Resp: 209940
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.6 77.4



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

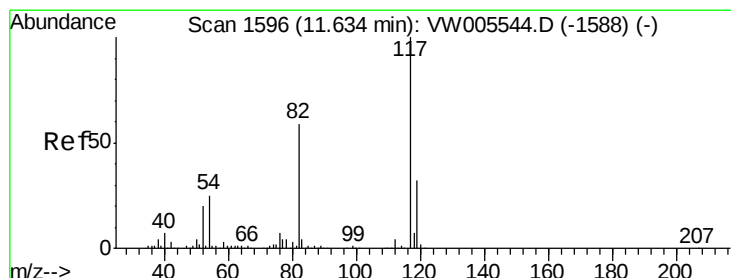
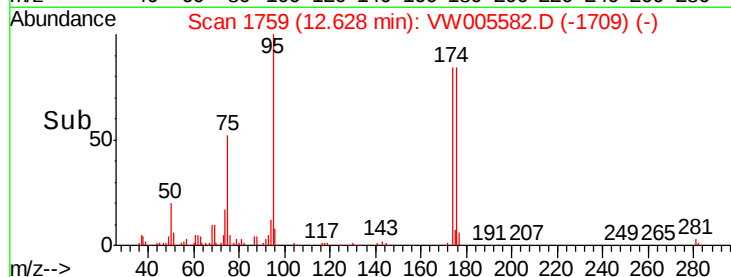
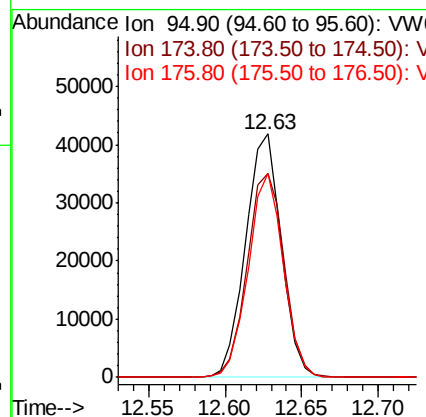
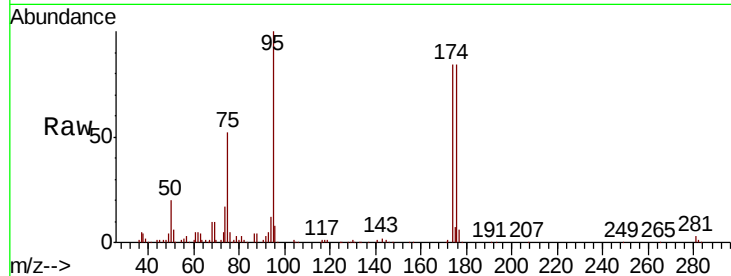




#62
4-Bromofluorobenzene
Concen: 18.848 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005582.D
Acq: 24 Sep 2018 14:04

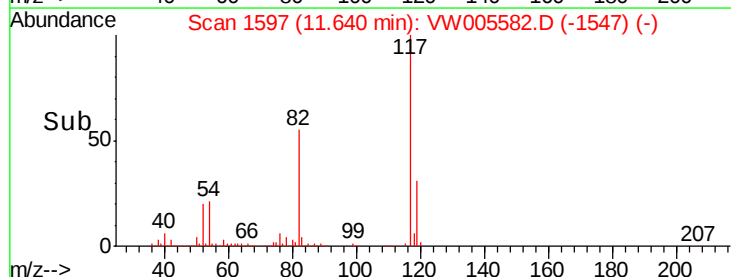
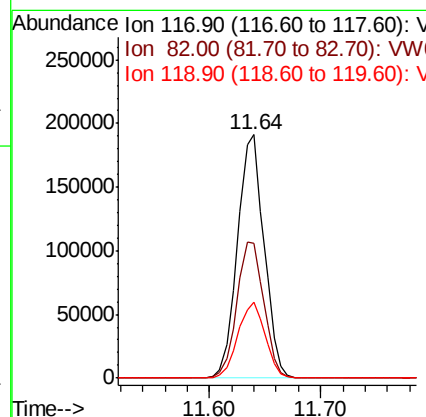
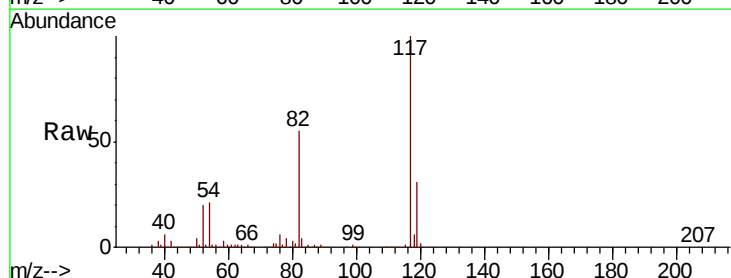
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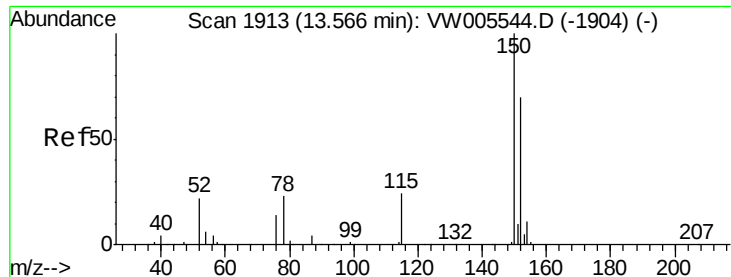
Tot Ion: 95 Resp: 67753
Ion Ratio Lower Upper
95 100
174 86.9 0.0 163.8
176 82.0 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005582.D
Acq: 24 Sep 2018 14:04

Tgt Ion: 117 Resp: 315662
Ion Ratio Lower Upper
117 100
82 55.4 46.9 70.3
119 31.2 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: VW005582.D

Acq: 24 Sep 2018 14:04

Instrument :

MSVOA_W

ClientSampleId :

PL-04-092018-A

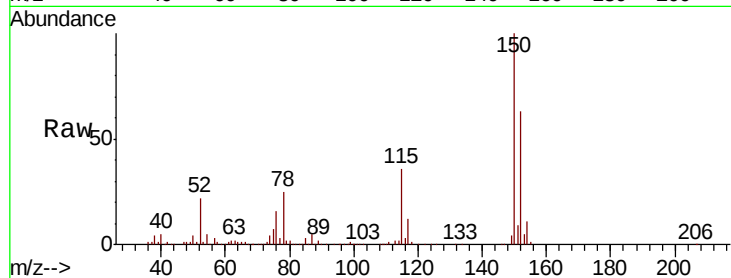
Tot Ion:152 Resp: 131578

Ion Ratio Lower Upper

152 100

115 57.8 30.0 90.0

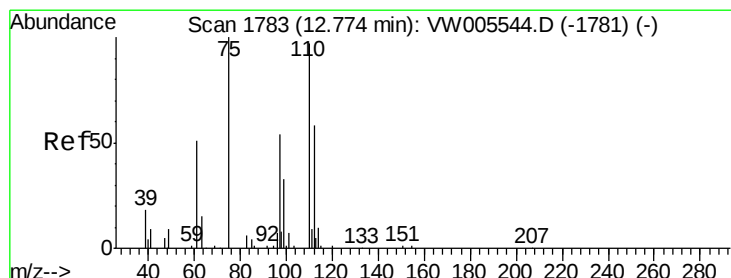
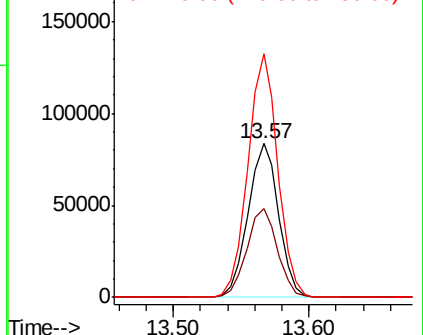
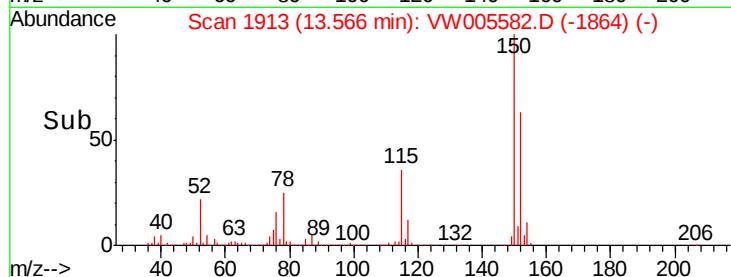
150 154.7 0.0 348.6



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: 32.162 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005582.D

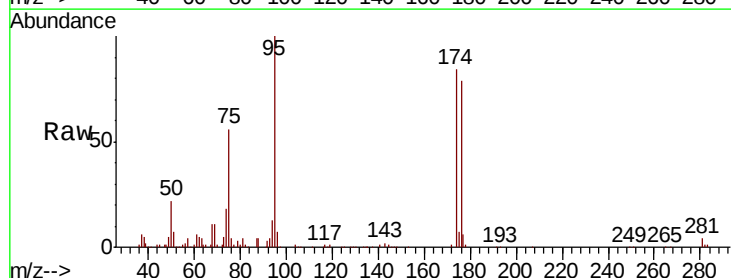
Acq: 24 Sep 2018 14:04

Tgt Ion: 75 Resp: 36073

Ion Ratio Lower Upper

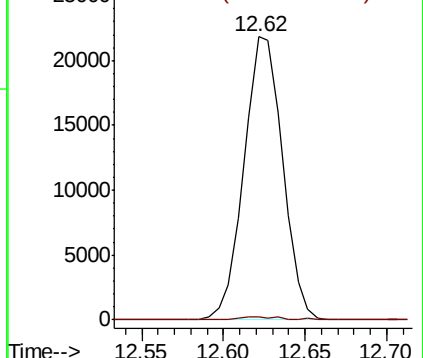
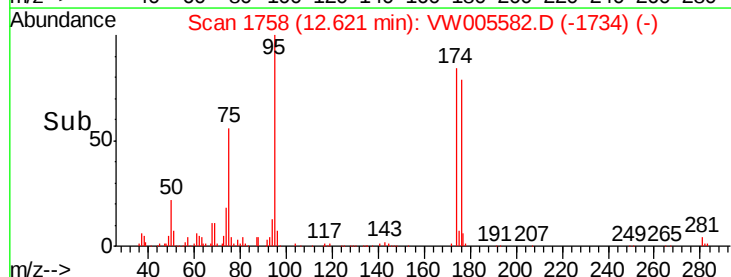
75 100

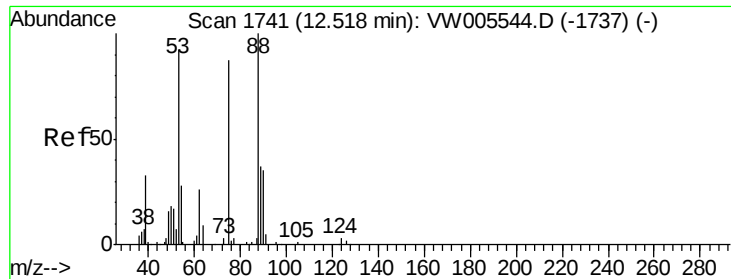
77 1.1 0.0 0.0#



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: 72.438 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005582.D

Acq: 24 Sep 2018 14:04

Instrument :

MSVOA_W

ClientSampleId :

PL-04-092018-A

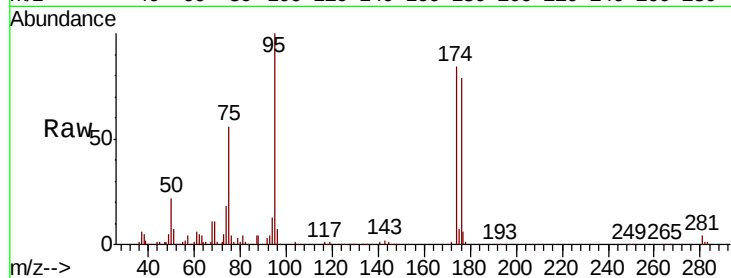
Tot Ion: 75 Resp: 36073

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

