

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005581.D
 Acq On : 24 Sep 2018 13:39
 Operator : VA/AP
 Sample : J4777-23
 Misc : 6.25G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Sep 25 04:56:31 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	234821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	377108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	324722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	136468	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	76023	27.48	ug/l	0.00
Spiked Amount			Recovery	=	54.96%	
35) Dibromofluoromethane	7.89	113	63165	26.64	ug/l	0.00
Spiked Amount			Recovery	=	53.28%	
50) Toluene-d8	10.33	98	216898	22.46	ug/l	0.00
Spiked Amount			Recovery	=	44.92%	
62) 4-Bromofluorobenzene	12.63	95	71716	20.07	ug/l	0.00
Spiked Amount			Recovery	=	40.14%	

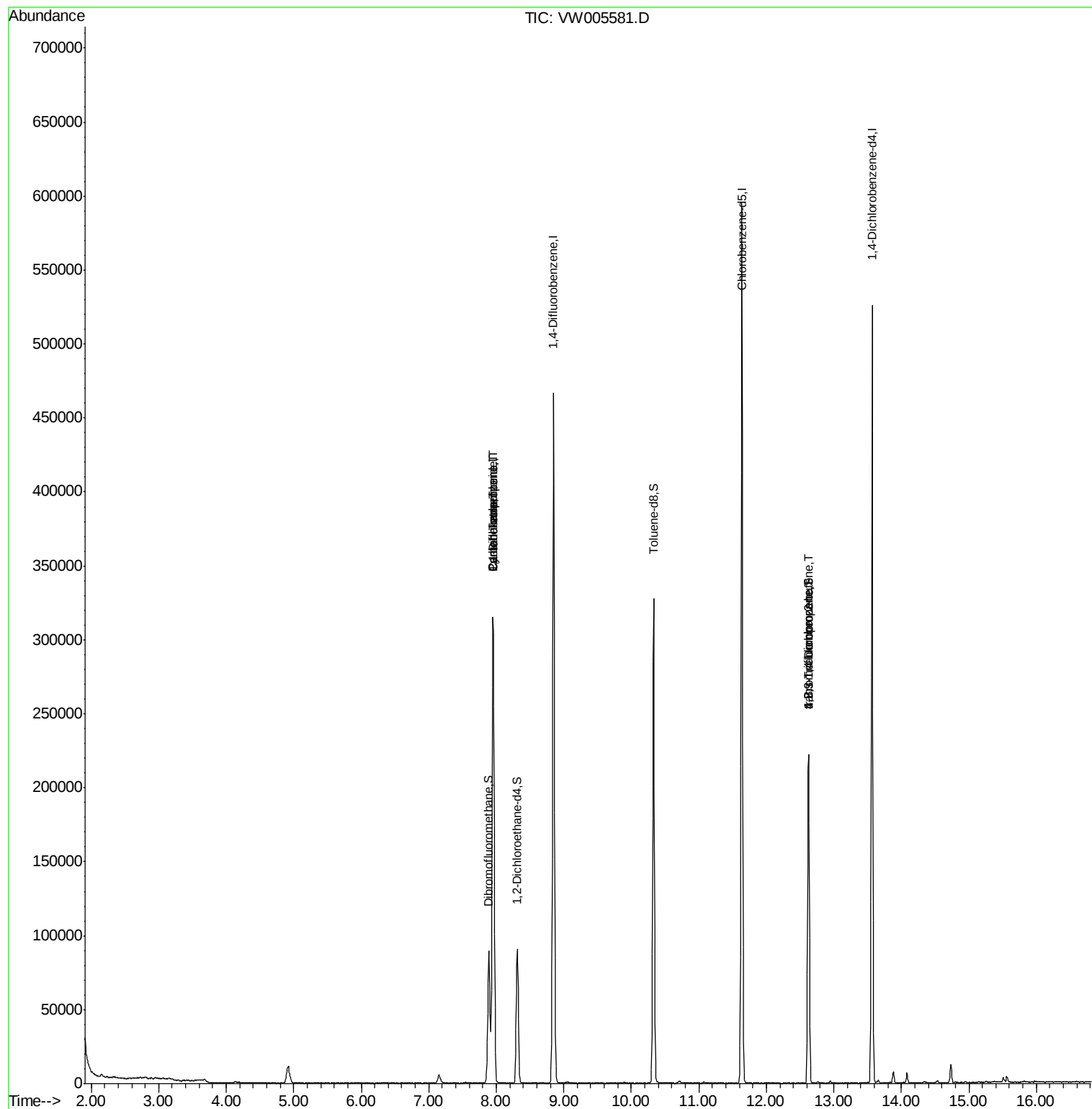
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	62	Below Cal	#	72
13) Acrolein	3.61	56	23	Below Cal	#	1
16) Acetone	4.14	43	1681	Below Cal		90
20) Methylene Chloride	4.92	84	8948	Below Cal		93
31) Cyclohexane	7.95	56	5202	1.213	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17955	4.730	ug/l #	51
38) Carbon Tetrachloride	7.95	117	23162	5.694	ug/l #	15
76) 1,2,3-Trichloropropane	12.63	75	37513	32.247	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	37513	72.630	ug/l #	7

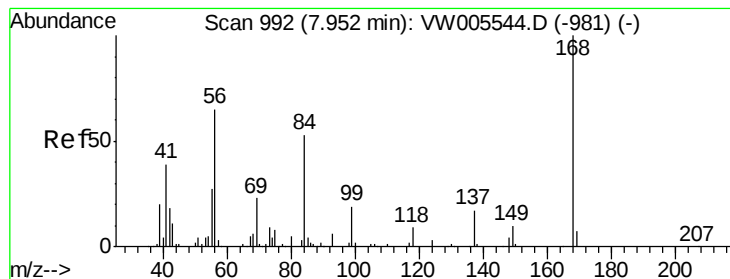
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005581.D

Acq: 24 Sep 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

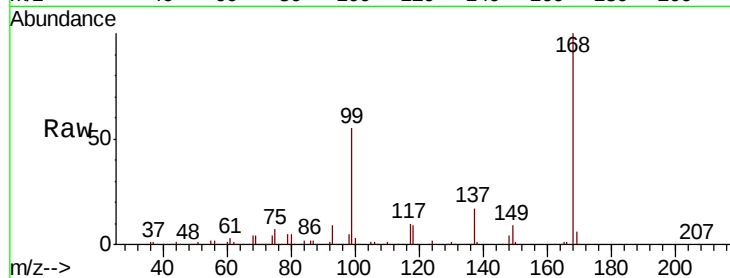
PL-03-092018-C

Tot Ion:168 Resp: 234821

Ion Ratio Lower Upper

168 100

99 55.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

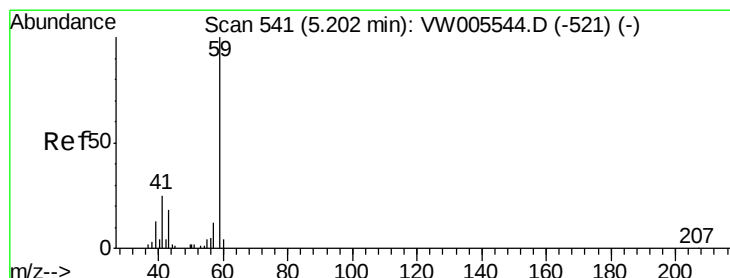
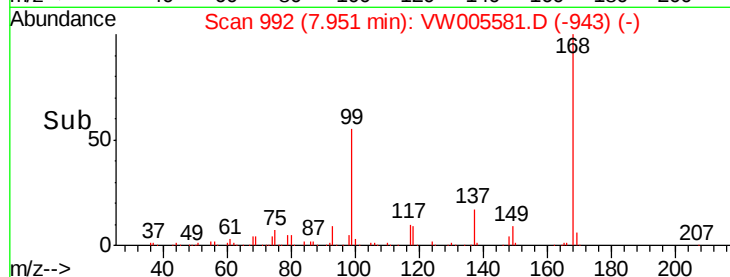
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 540

Delta R.T. -0.01 min

Lab File: VW005581.D

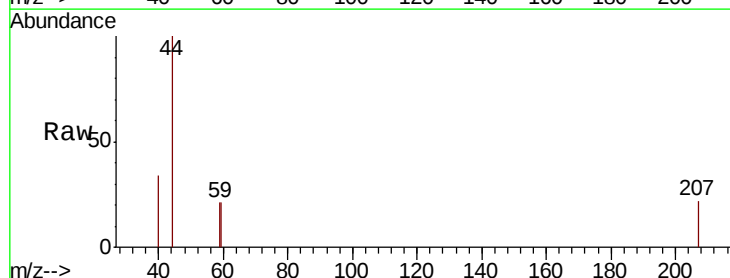
Acq: 24 Sep 2018 13:39

Tgt Ion: 59 Resp: 62

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

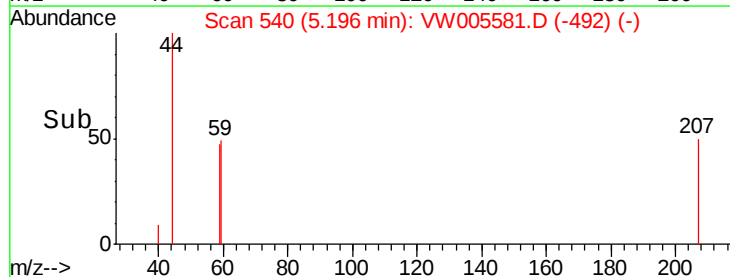
5.20

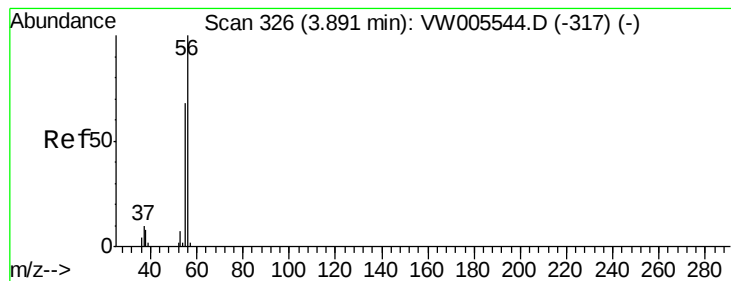
100

50

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.61 min Scan# 280

Delta R.T. -0.28 min

Lab File: VW005581.D

Acq: 24 Sep 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

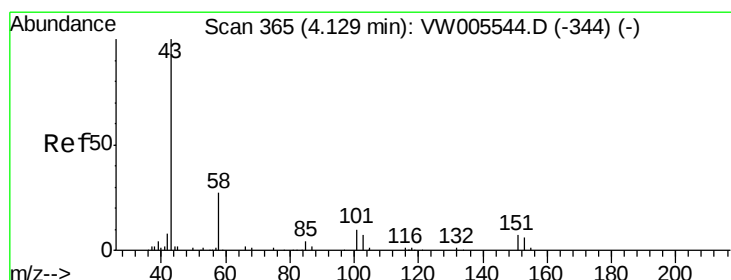
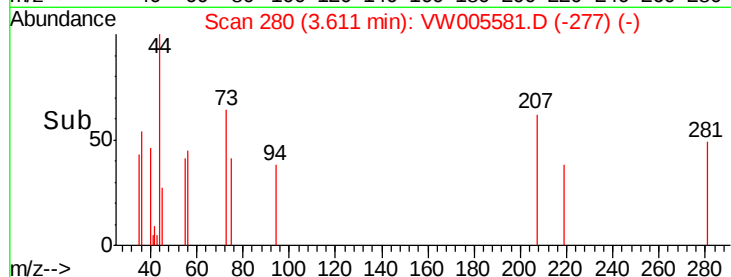
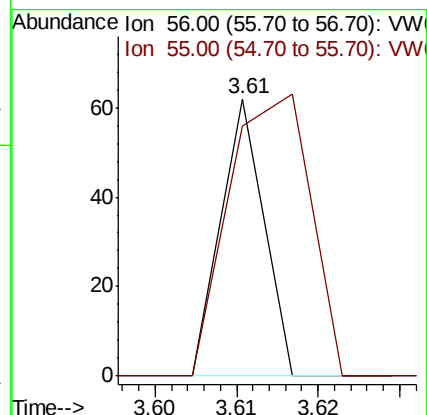
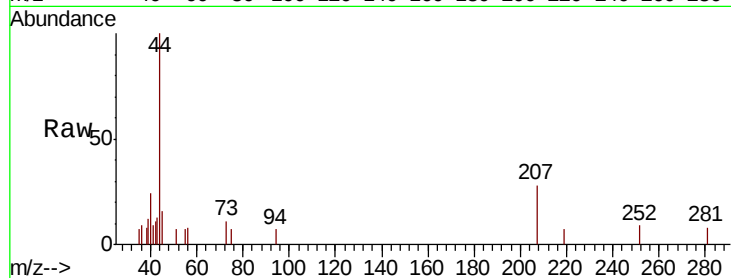
PL-03-092018-C

Tot Ion: 56 Resp: 23

Ion Ratio Lower Upper

56 100

55 191.3 57.8 86.8#



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005581.D

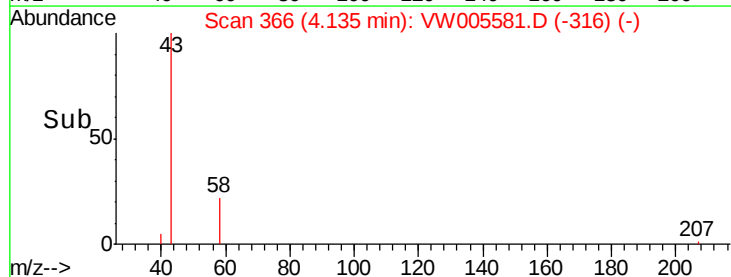
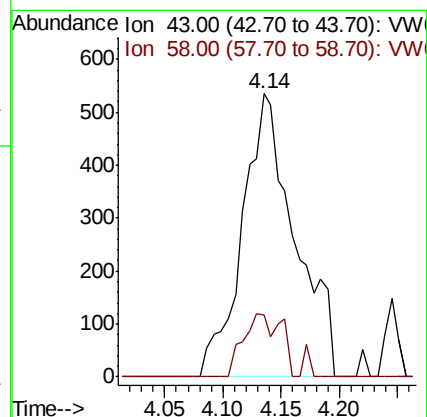
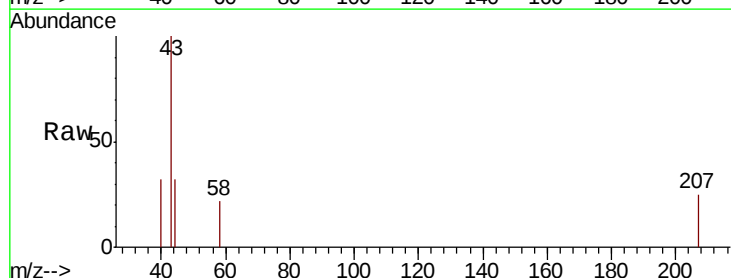
Acq: 24 Sep 2018 13:39

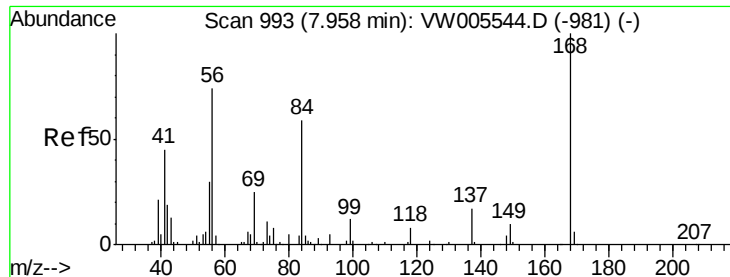
Tgt Ion: 43 Resp: 1681

Ion Ratio Lower Upper

43 100

58 22.1 21.8 32.8

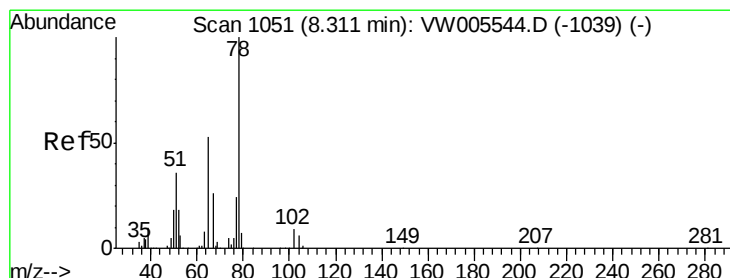
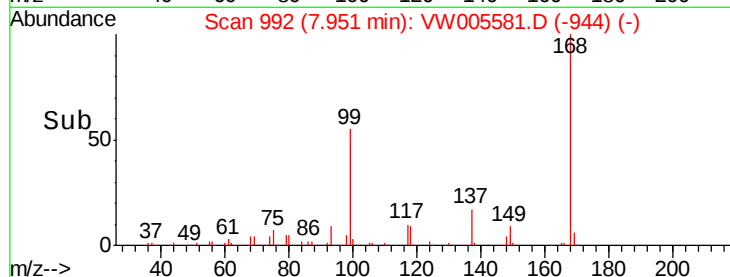
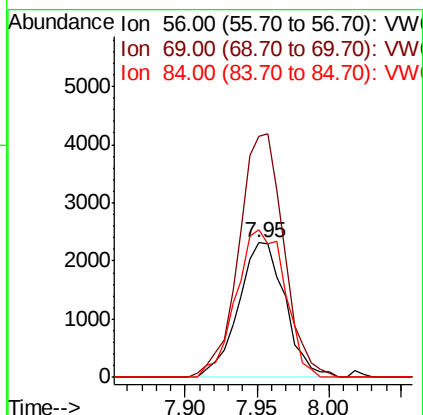
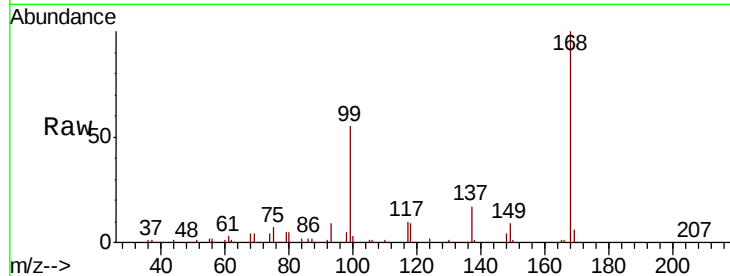




#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005581.D
Acq: 24 Sep 2018 13:39

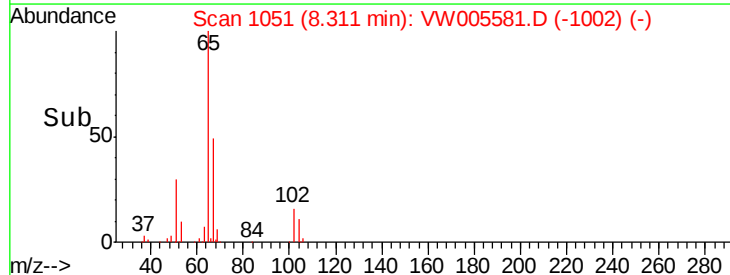
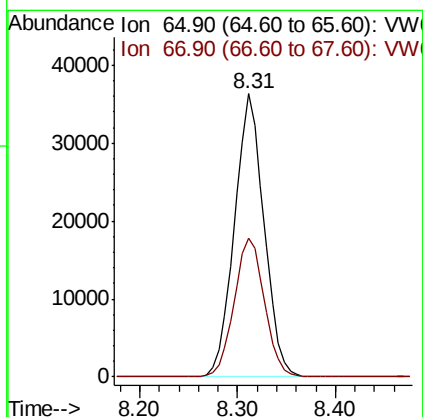
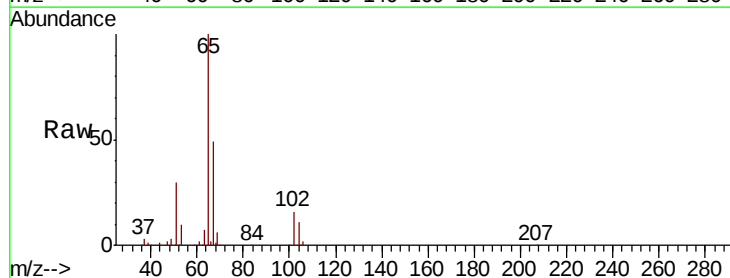
Instrument :
MSVOA_W
ClientSampleId :
PL-03-092018-C

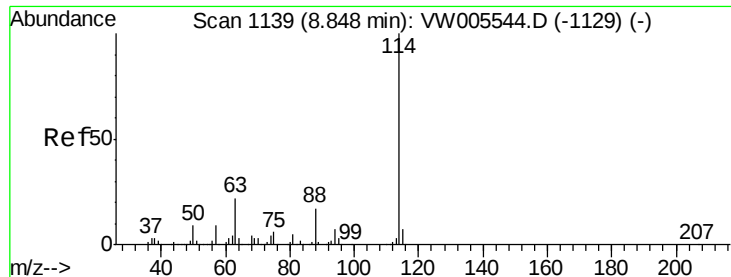
Tot Ion: 56 Resp: 5202
Ion Ratio Lower Upper
56 100
69 179.7 27.0 40.4#
84 109.7 64.2 96.4#



#33
1,2-Dichloroethane-d4
Concen: 27.481 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005581.D
Acq: 24 Sep 2018 13:39

Tgt Ion: 65 Resp: 76023
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.6

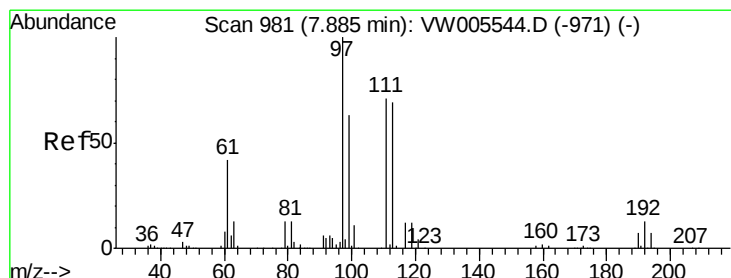
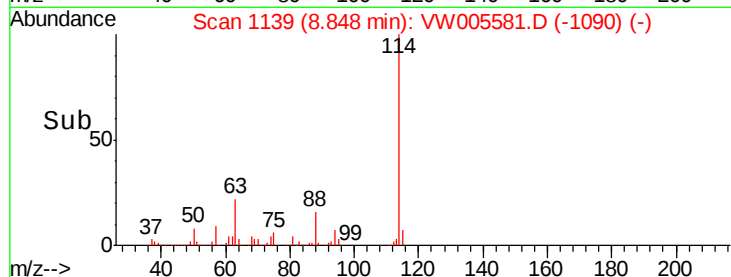
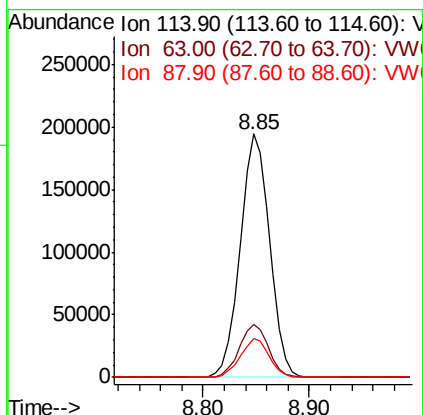
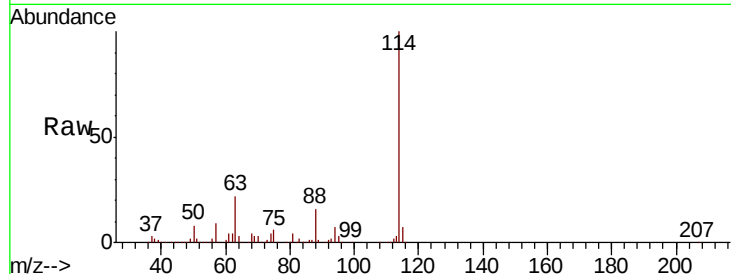




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005581.D
 Acq: 24 Sep 2018 13:39

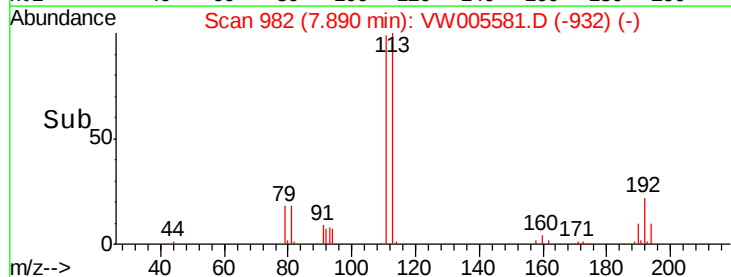
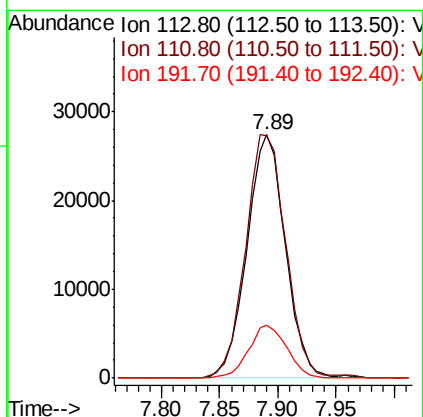
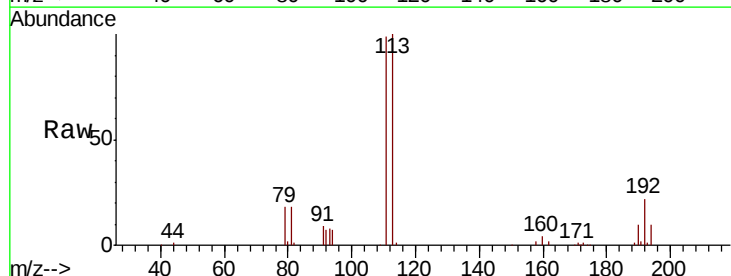
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-03-092018-C

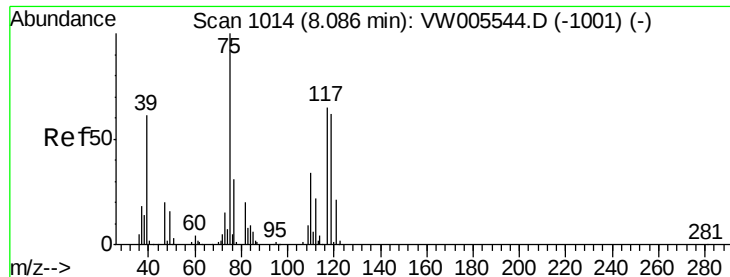
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.0
88	15.7	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 26.635 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005581.D
 Acq: 24 Sep 2018 13:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.6	123.8
192	21.6	17.0	25.4





#36

1,1-Dichloropropene

Concen: 4.730 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005581.D

Acq: 24 Sep 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

PL-03-092018-C

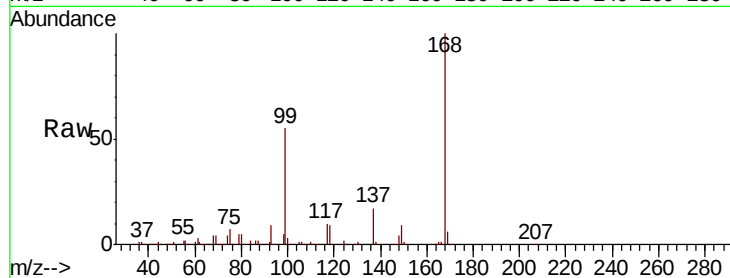
Tot Ion: 75 Resp: 17955

Ion Ratio Lower Upper

75 100

110 9.5 17.0 50.9#

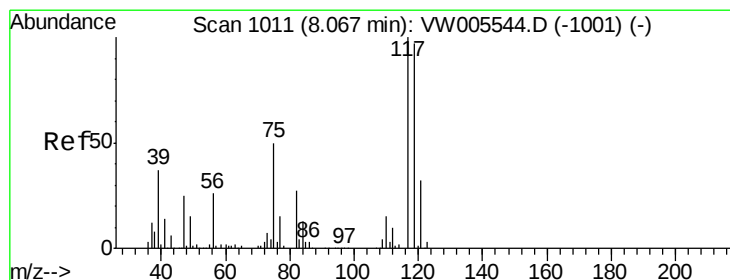
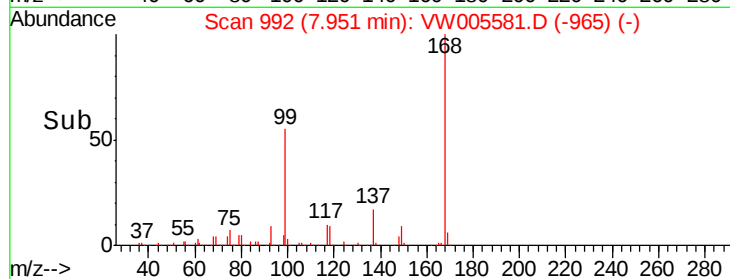
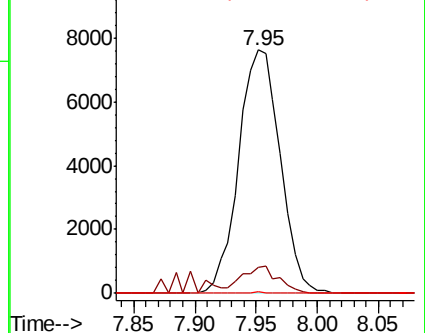
77 0.1 24.8 37.2#



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: 5.694 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005581.D

Acq: 24 Sep 2018 13:39

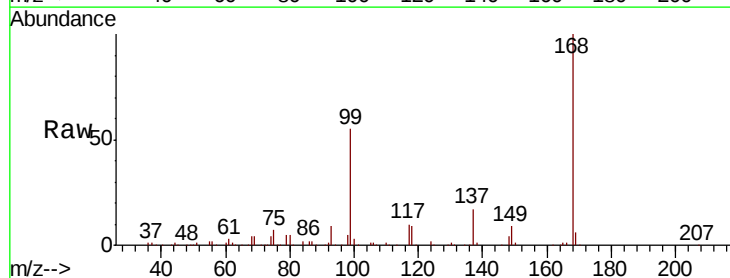
Tgt Ion: 117 Resp: 23162

Ion Ratio Lower Upper

117 100

119 4.2 77.6 116.4#

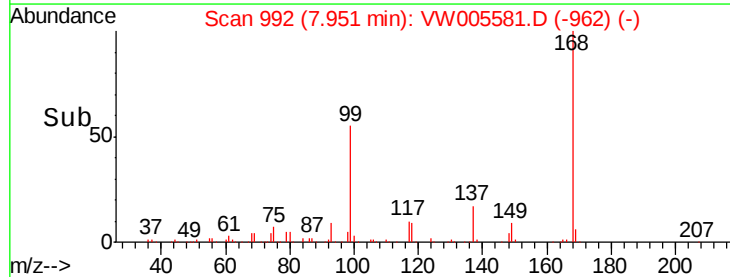
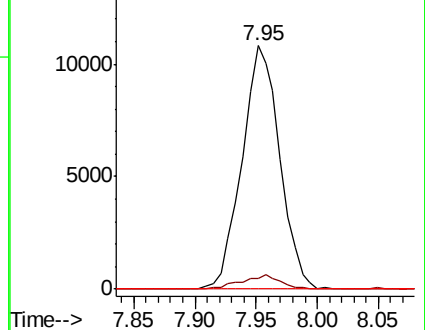
121 0.0 25.7 38.5#

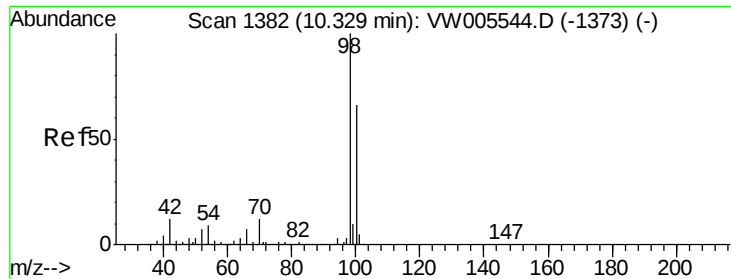


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 22.462 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005581.D

Acq: 24 Sep 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

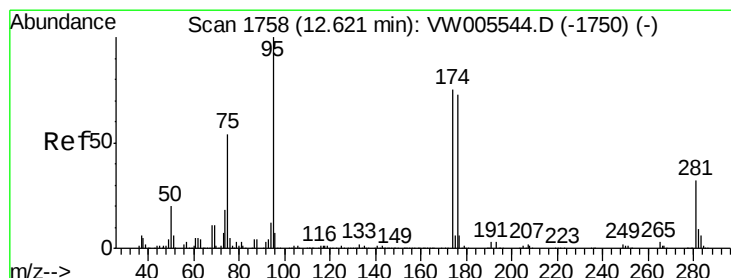
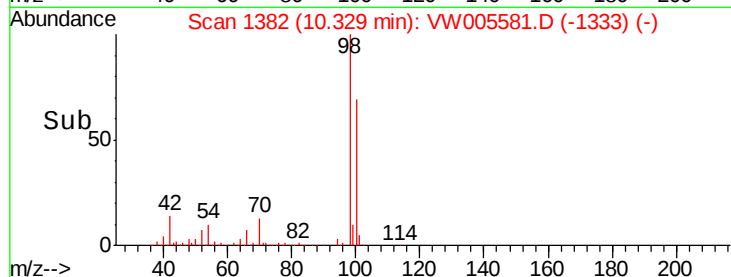
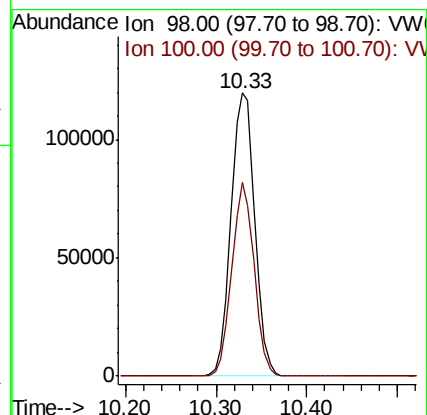
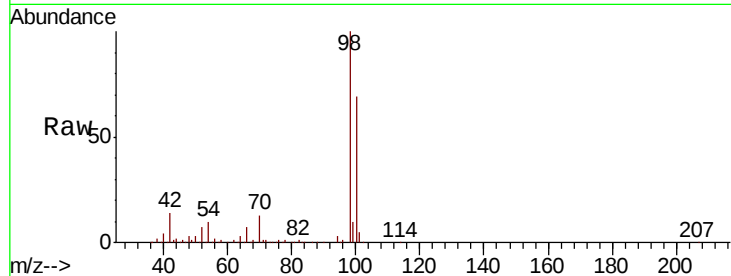
PL-03-092018-C

Tot Ion: 98 Resp: 216898

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 20.072 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005581.D

Acq: 24 Sep 2018 13:39

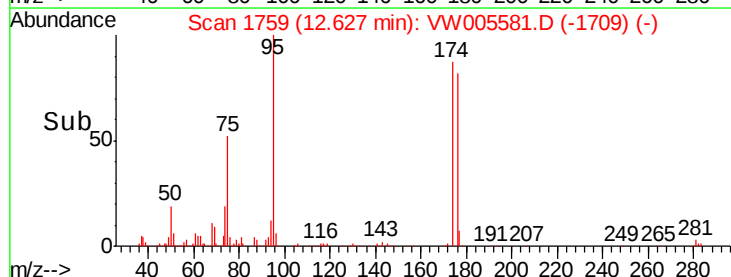
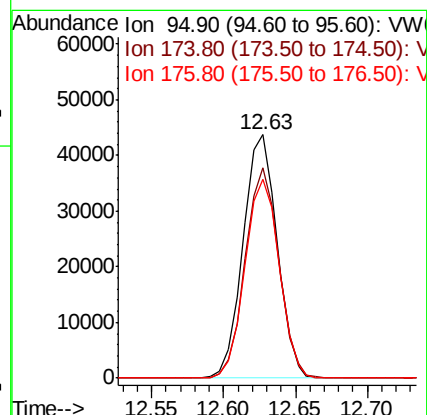
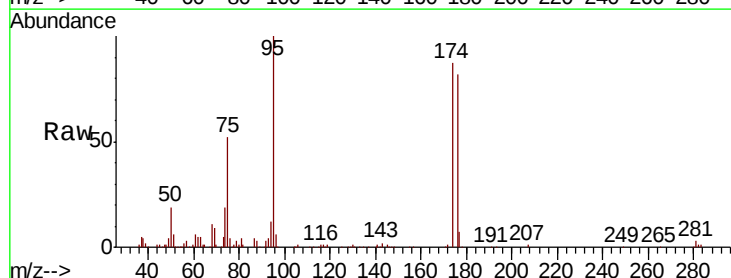
Tgt Ion: 95 Resp: 71716

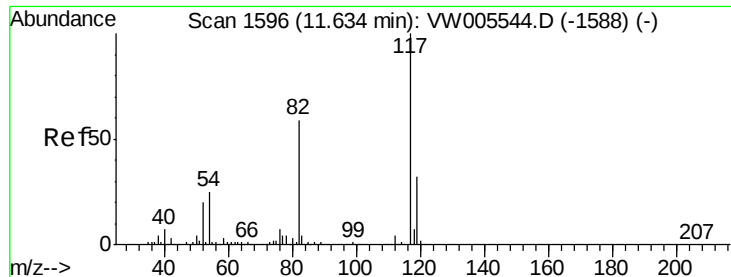
Ion Ratio Lower Upper

95 100

174 84.8 0.0 163.8

176 82.0 0.0 158.0

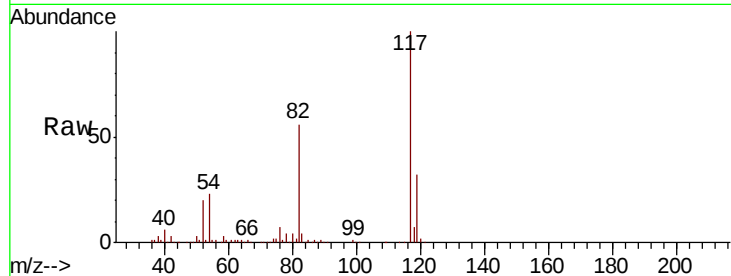




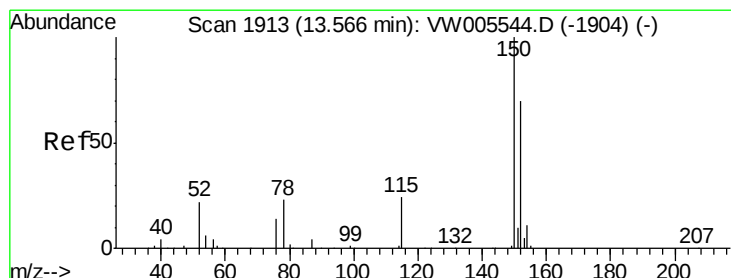
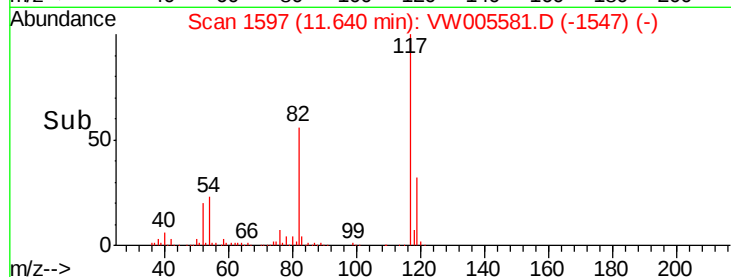
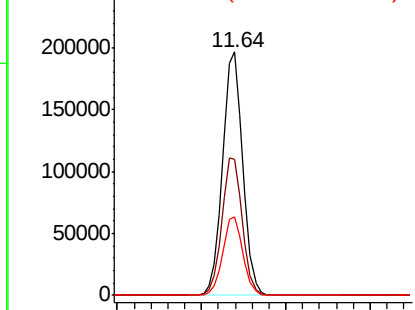
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005581.D
Acq: 24 Sep 2018 13:39

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

Tot Ion:117 Resp: 324722
Ion Ratio Lower Upper
117 100
82 55.8 46.9 70.3
119 32.3 25.7 38.5

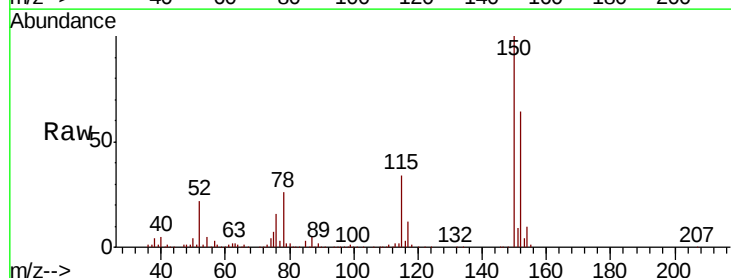


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

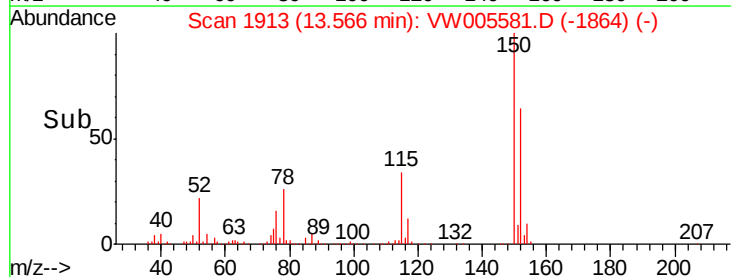
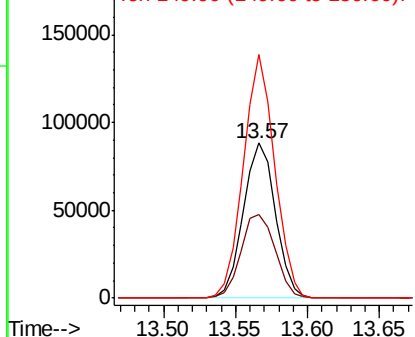


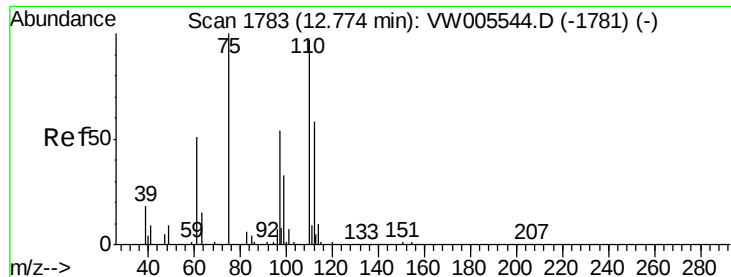
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005581.D
Acq: 24 Sep 2018 13:39

Tgt Ion:152 Resp: 136468
Ion Ratio Lower Upper
152 100
115 57.5 30.0 90.0
150 152.8 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: 32.247 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW005581.D

Acq: 24 Sep 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

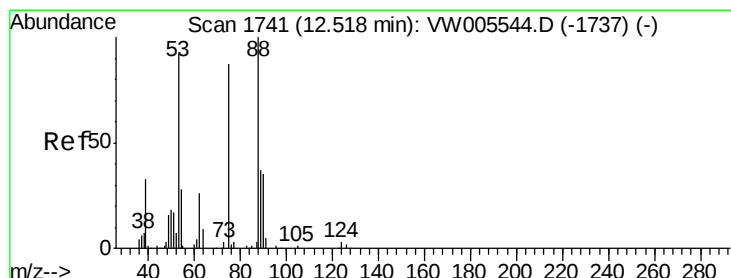
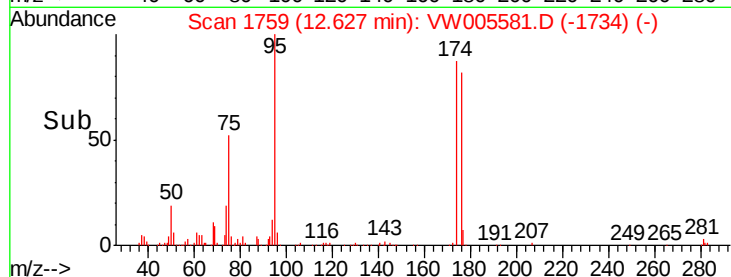
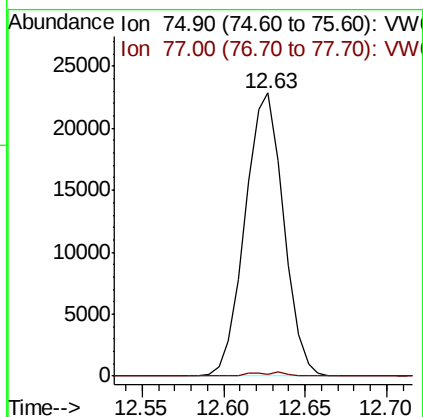
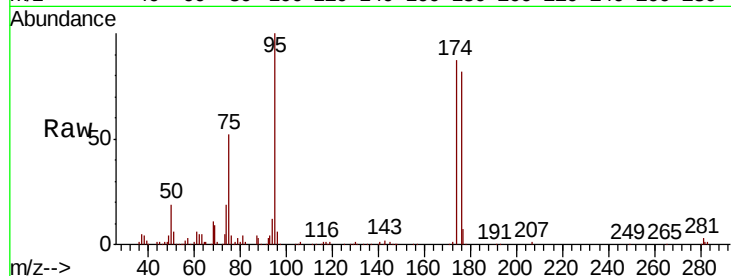
PL-03-092018-C

Tot Ion: 75 Resp: 37513

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.630 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005581.D

Acq: 24 Sep 2018 13:39

Tgt Ion: 75 Resp: 37513

Ion Ratio Lower Upper

75 100

53 0.2 85.8 128.6#

89 0.3 37.3 55.9#

