

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
 Data File : VW006582.D
 Acq On : 02 Nov 2018 02:53
 Operator : SY/AP
 Sample : J5202-11RE
 Misc : 6.54G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-103018-CRE

Quant Time: Nov 02 07:59:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

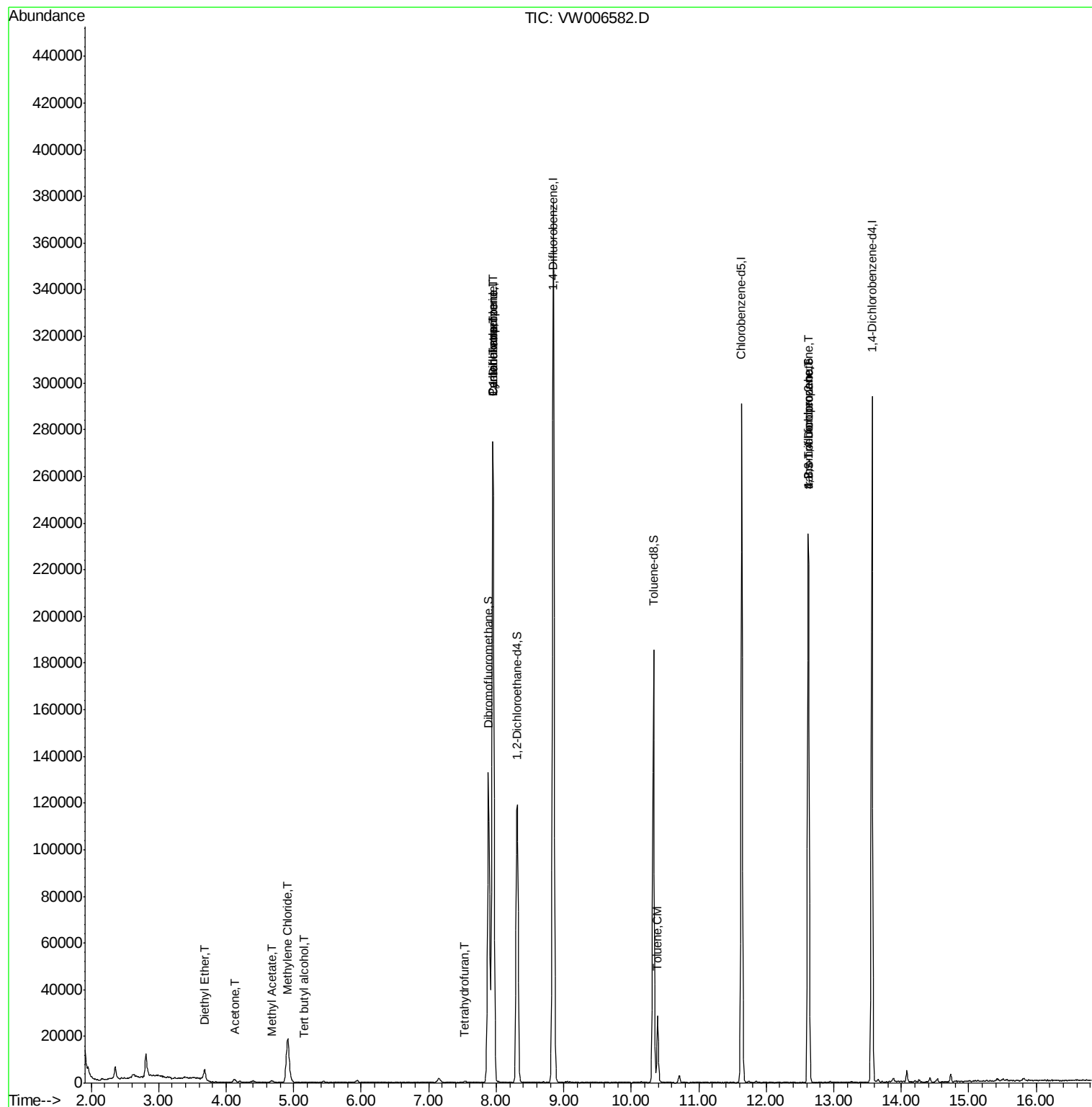
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	339929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95749	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
35) Dibromofluoromethane	7.88	113	92484	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.70%	
50) Toluene-d8	10.32	98	131592	16.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	32.40%	
62) 4-Bromofluorobenzene	12.62	95	72915	24.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.54%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	3083	3.101	ug/l	97
11) Tert butyl alcohol	5.15	59	153	1.436	ug/l #	84
16) Acetone	4.12	43	2320	7.269	ug/l	100
18) Methyl Acetate	4.67	43	1390	1.515	ug/l	90
20) Methylene Chloride	4.90	84	15729	1.853	ug/l	94
29) Tetrahydrofuran	7.53	42	386	1.348	ug/l #	64
31) Cyclohexane	7.95	56	4133	1.313	ug/l #	26
36) 1,1-Dichloropropene	7.95	75	14096	4.715	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20227	6.475	ug/l #	16
52) Toluene	10.39	92	11803	2.073	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	36317	55.969	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	36317	139.891	ug/l #	11

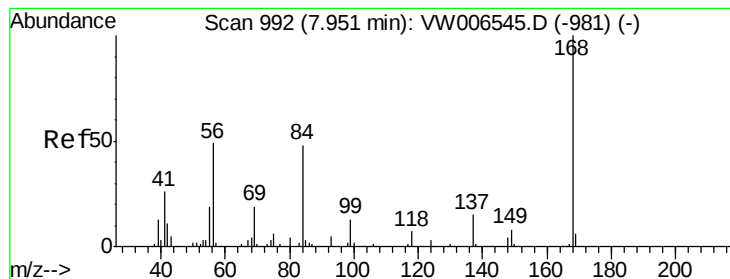
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006582.D

Acq: 02 Nov 2018 02:53

Instrument :

MSVOA_W

ClientSampleId :

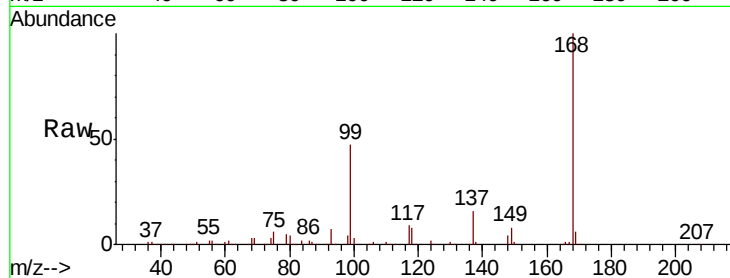
PL-02-103018-CRE

Tgt Ion:168 Resp: 229971

Ion Ratio Lower Upper

168 100

99 46.8 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

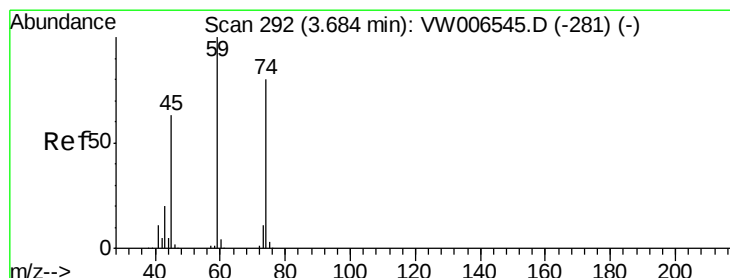
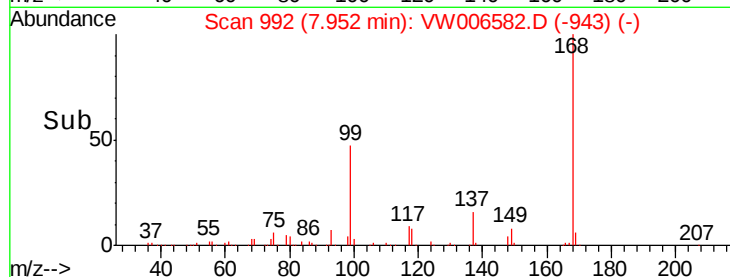
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 3.101 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006582.D

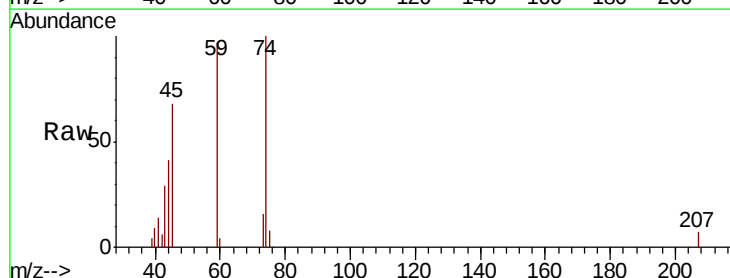
Acq: 02 Nov 2018 02:53

Tgt Ion: 74 Resp: 3083

Ion Ratio Lower Upper

74 100

45 85.4 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

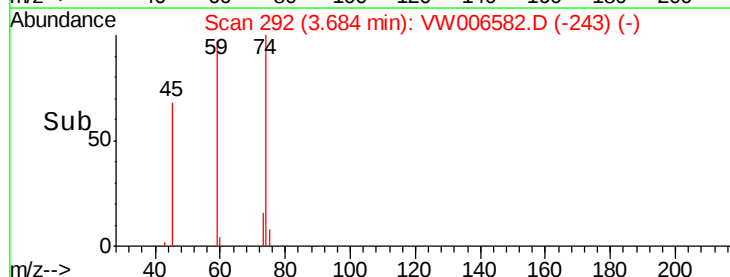
1500

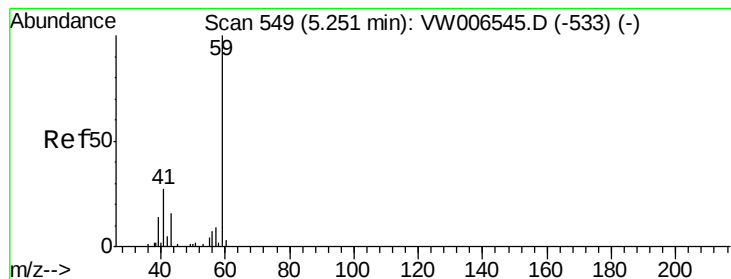
1000

500

0

Time--> 3.60 3.65 3.70 3.75





#11

Tert butyl alcohol

Concen: 1.436 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.10 min

Lab File: VW006582.D

Acq: 02 Nov 2018 02:53

Instrument :

MSVOA_W

ClientSampleId :

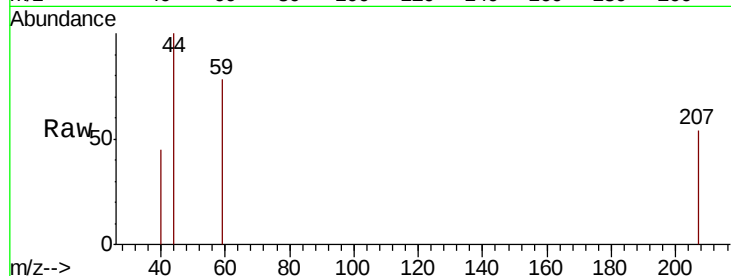
PL-02-103018-CRE

Tgt Ion: 59 Resp: 153

Ion Ratio Lower Upper

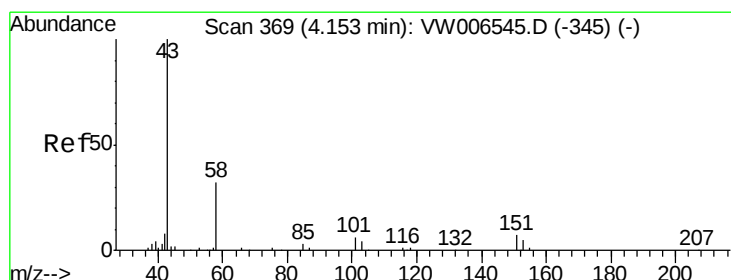
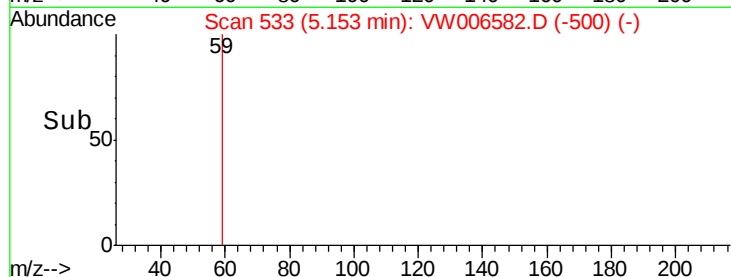
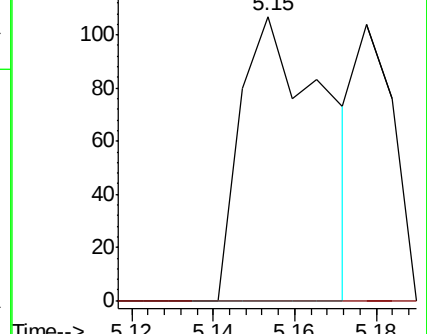
59 100

57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#16

Acetone

Concen: 7.269 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006582.D

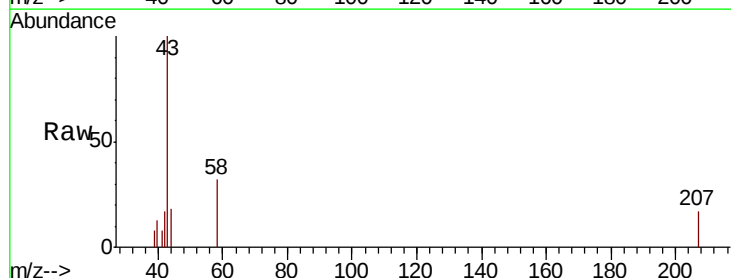
Acq: 02 Nov 2018 02:53

Tgt Ion: 43 Resp: 2320

Ion Ratio Lower Upper

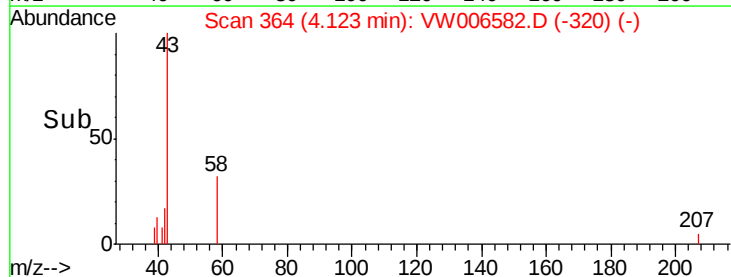
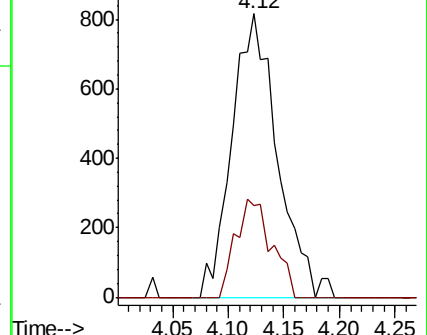
43 100

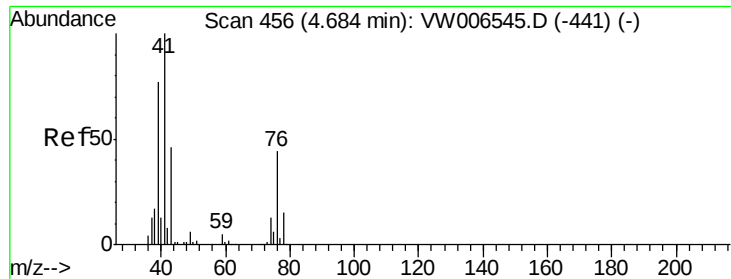
58 32.2 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

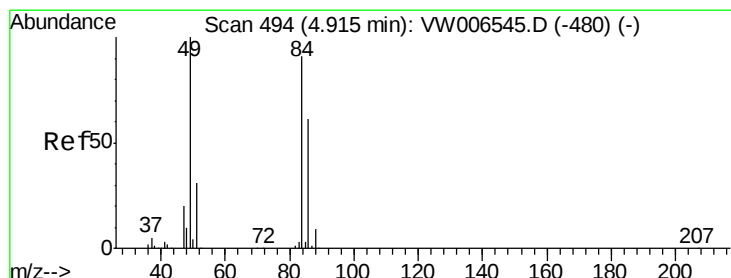
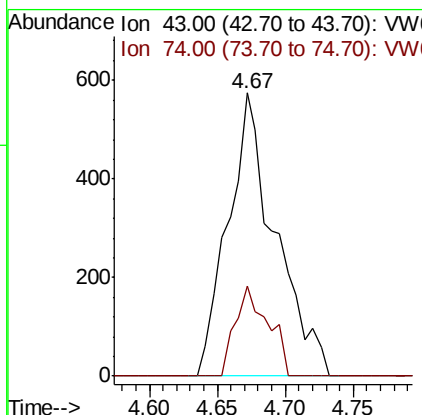
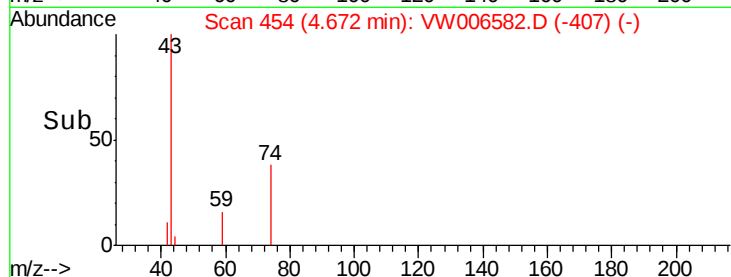
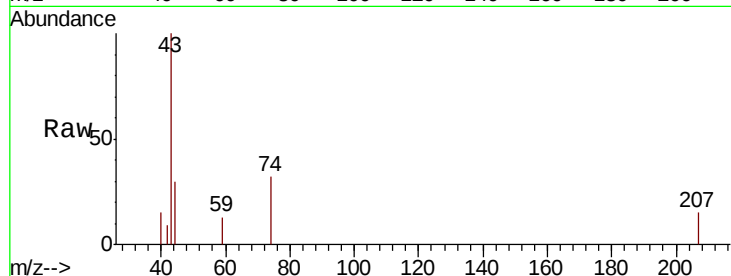




#18
Methyl Acetate
Concen: 1.515 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006582.D
Acq: 02 Nov 2018 02:53

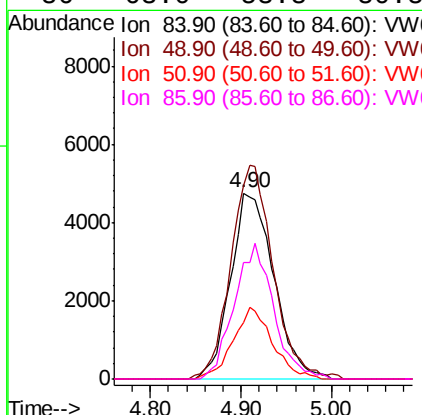
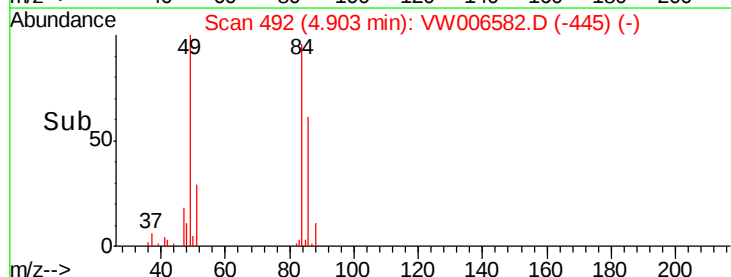
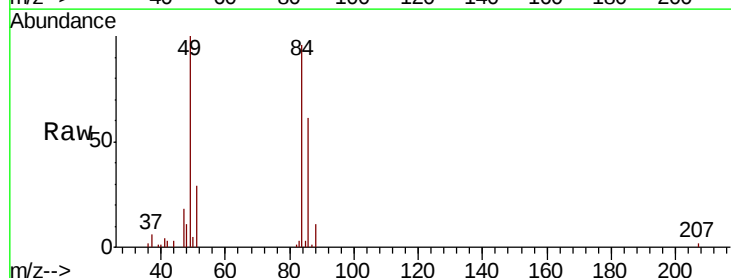
Instrument :
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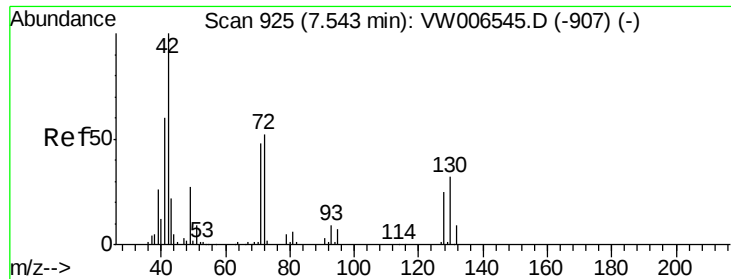
Tgt Ion: 43 Resp: 1390
Ion Ratio Lower Upper
43 100
74 22.2 21.9 32.9



#20
Methylene Chloride
Concen: 1.853 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW006582.D
Acq: 02 Nov 2018 02:53

Tgt Ion: 84 Resp: 15729
Ion Ratio Lower Upper
84 100
49 103.9 88.2 132.4
51 30.6 27.0 40.6
86 63.0 53.8 80.8

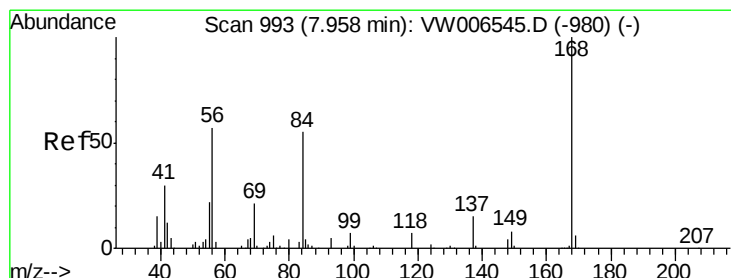
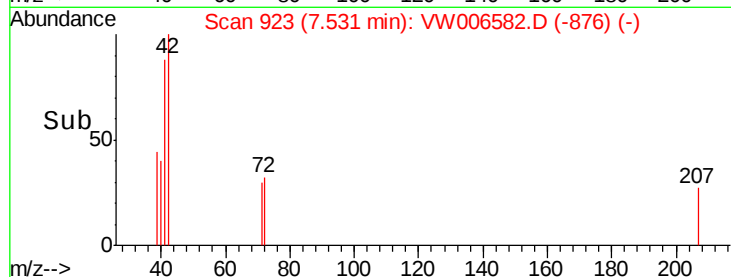
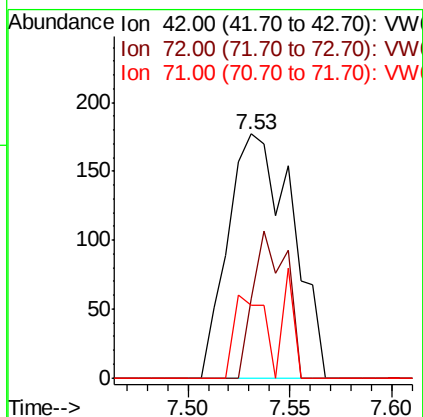
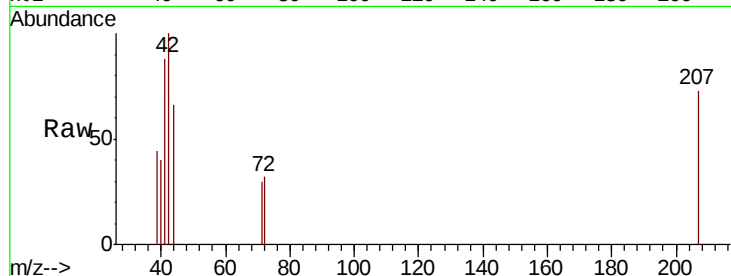




#29
Tetrahydrofuran
Concen: 1.348 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006582.D
Acq: 02 Nov 2018 02:53

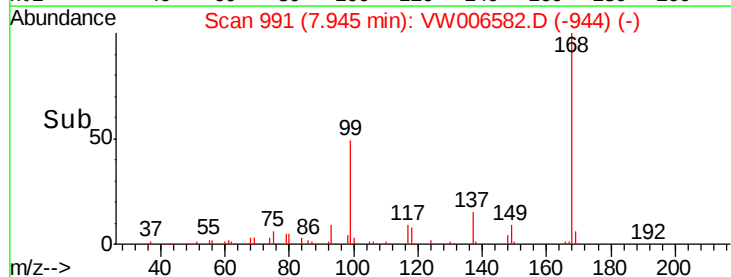
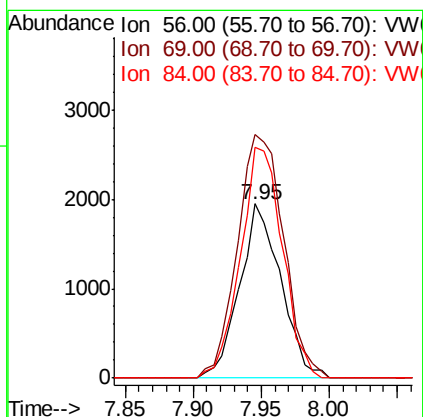
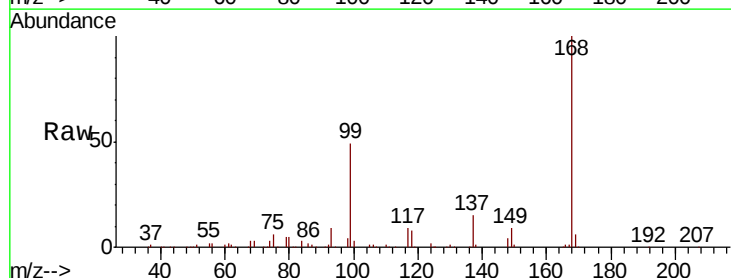
Instrument :
MSVOA_W
ClientSampleId :
PL-02-103018-CRE

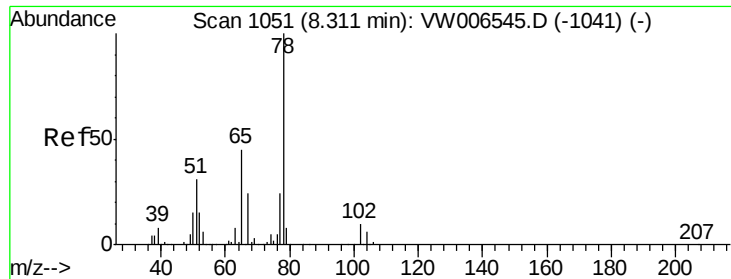
Tgt Ion: 42 Resp: 386
Ion Ratio Lower Upper
42 100
72 31.6 39.2 58.8#
71 15.8 37.6 56.4#



#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006582.D
Acq: 02 Nov 2018 02:53

Tgt Ion: 56 Resp: 4133
Ion Ratio Lower Upper
56 100
69 139.8 29.0 43.4#
84 132.2 77.8 116.6#

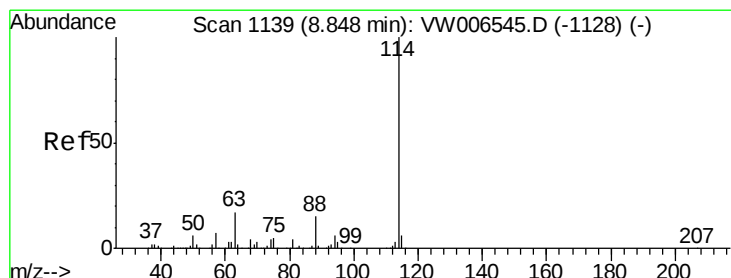
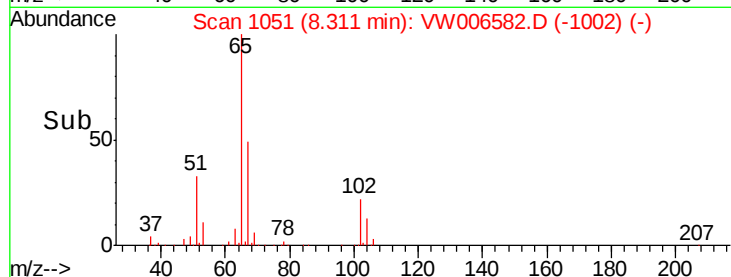
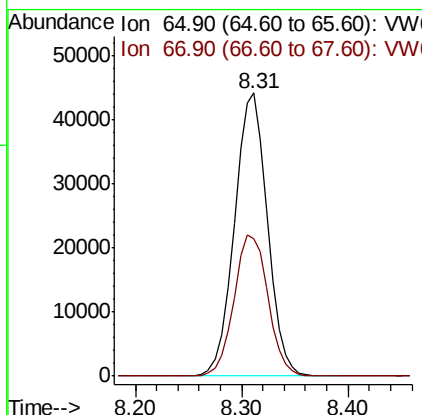
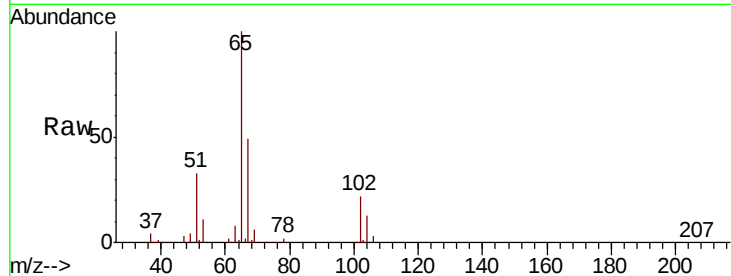




#33
 1,2-Dichloroethane-d4
 Concen: 48.436 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006582.D
 Acq: 02 Nov 2018 02:53

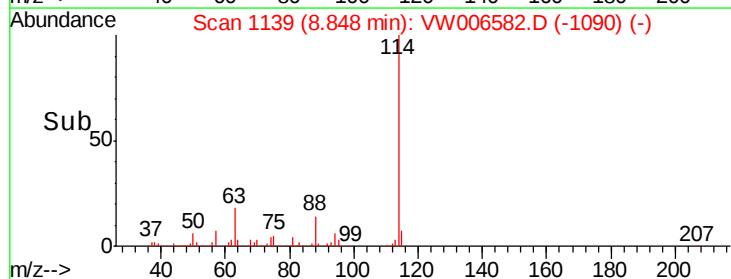
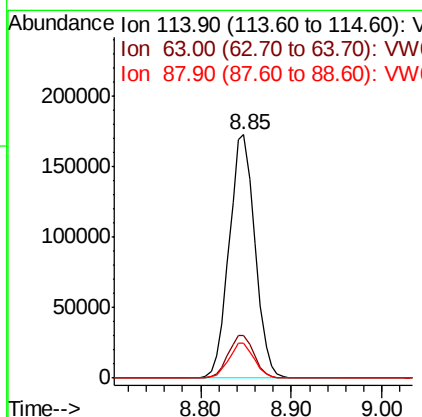
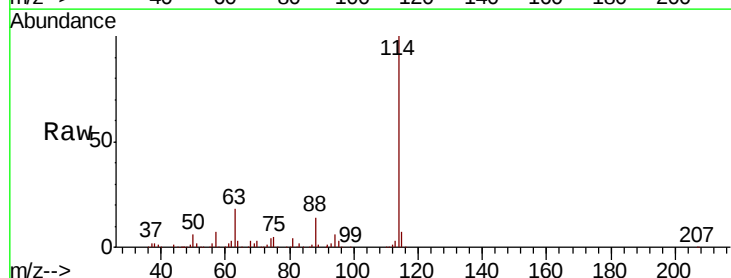
Instrument :
 MSVOA_W
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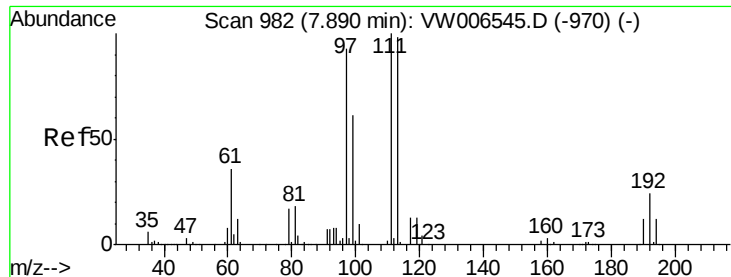
Tgt Ion: 65 Resp: 95749
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006582.D
 Acq: 02 Nov 2018 02:53

Tgt Ion: 114 Resp: 339929
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.4
 88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 43.352 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006582.D

Acq: 02 Nov 2018 02:53

Instrument :
MSVOA_W
ClientSampleId :
PL-02-103018-CRE

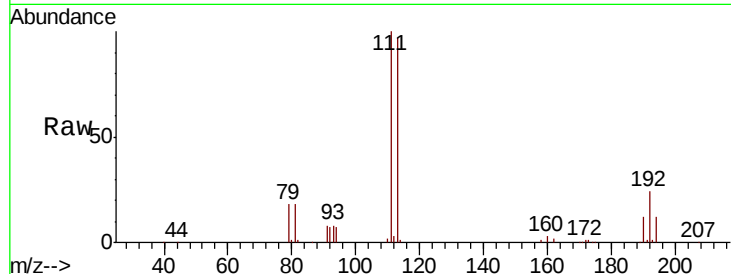
Tgt Ion:113 Resp: 92484

Ion Ratio Lower Upper

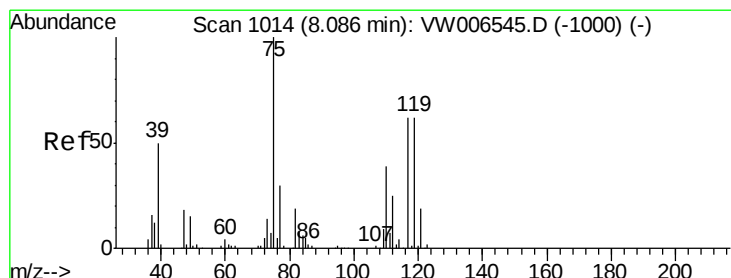
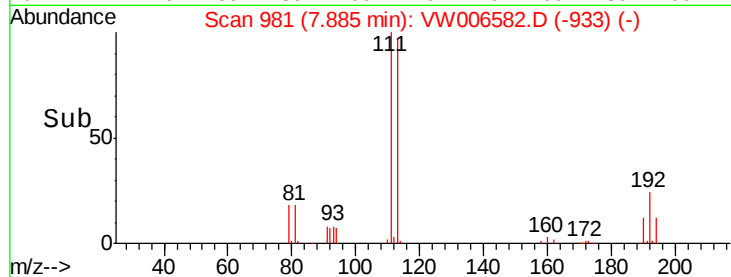
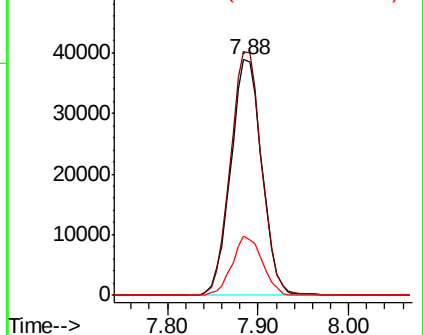
113 100

111 103.5 82.2 123.2

192 24.4 19.0 28.6



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: 4.715 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006582.D

Acq: 02 Nov 2018 02:53

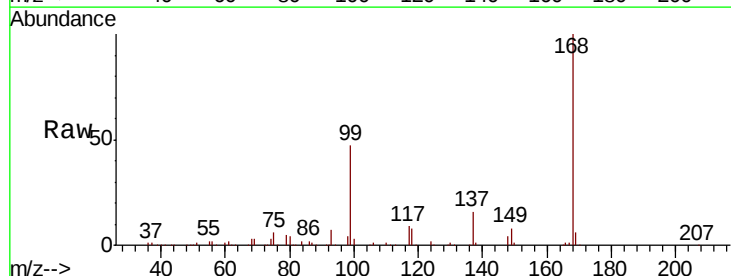
Tgt Ion: 75 Resp: 14096

Ion Ratio Lower Upper

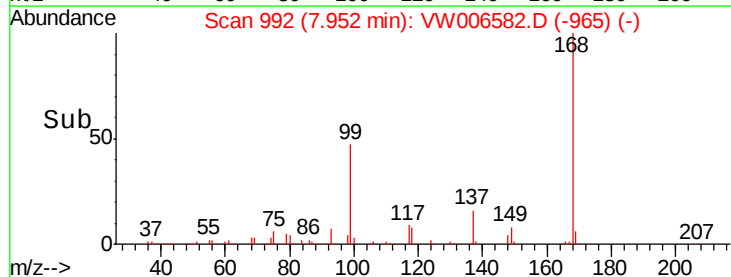
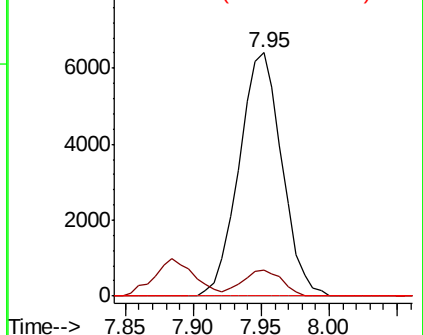
75 100

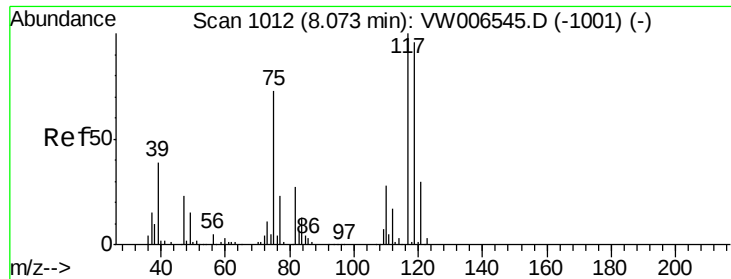
110 9.8 19.5 58.5#

77 0.0 24.6 37.0#



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

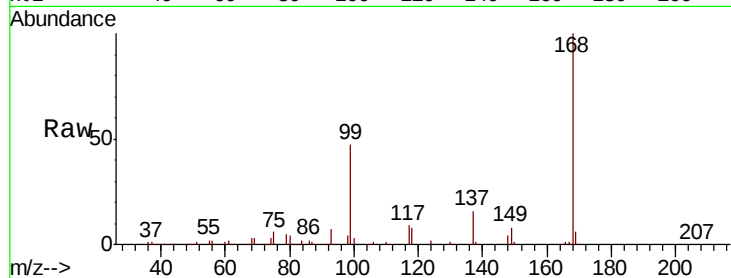




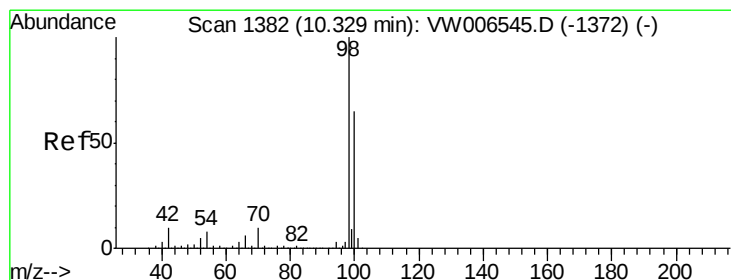
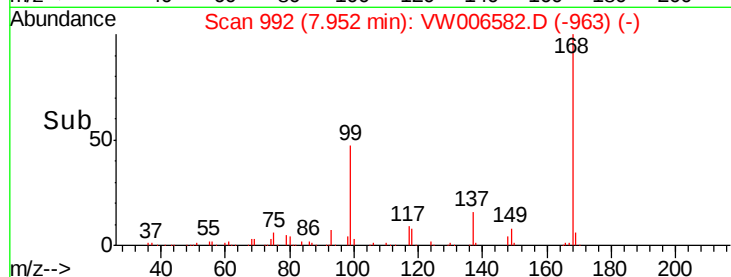
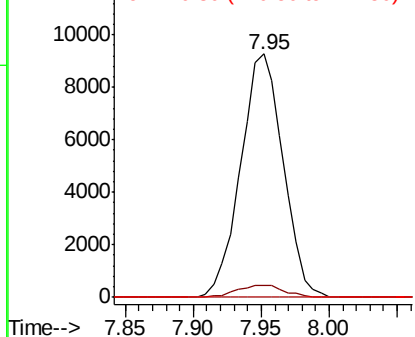
#38
Carbon Tetrachloride
Concen: 6.475 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006582.D
Acq: 02 Nov 2018 02:53

Instrument :
MSVOA_W
ClientSampleId :
PL-02-103018-CRE

Tgt Ion:117 Resp: 20227
Ion Ratio Lower Upper
117 100
119 4.9 76.3 114.5#
121 0.0 24.1 36.1#

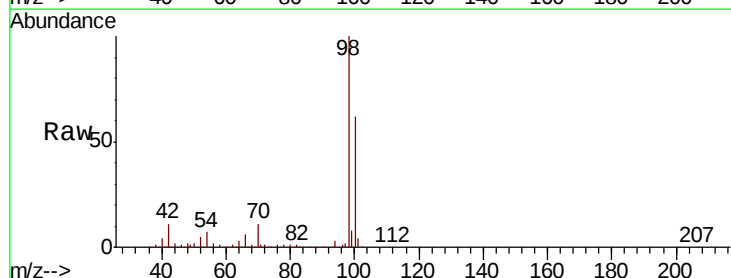


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

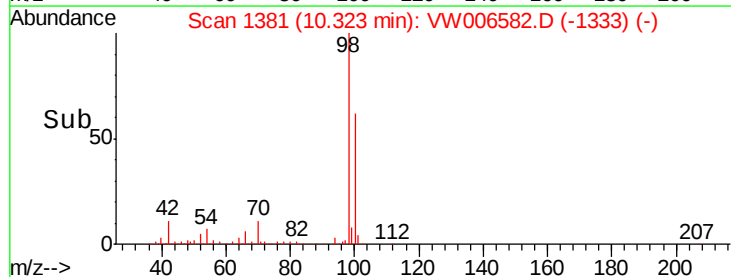
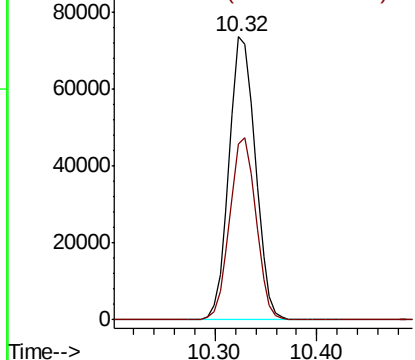


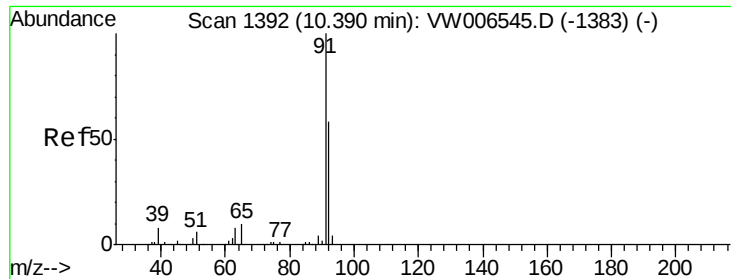
#50
Toluene-d8
Concen: 16.204 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006582.D
Acq: 02 Nov 2018 02:53

Tgt Ion: 98 Resp: 131592
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



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





#52

Toluene

Concen: 2.073 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006582.D

Acq: 02 Nov 2018 02:53

Instrument :

MSVOA_W

ClientSampleId :

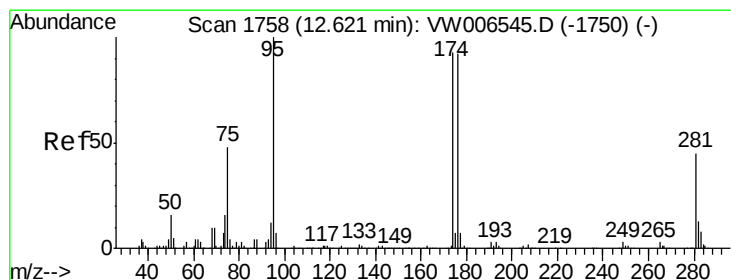
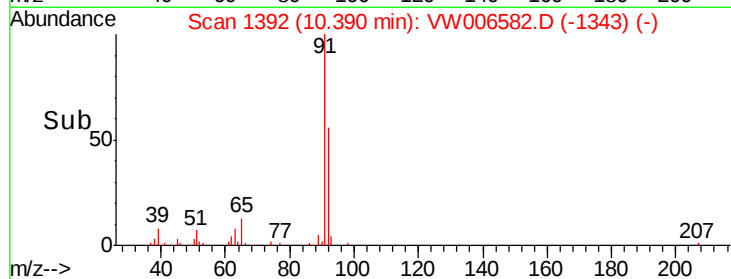
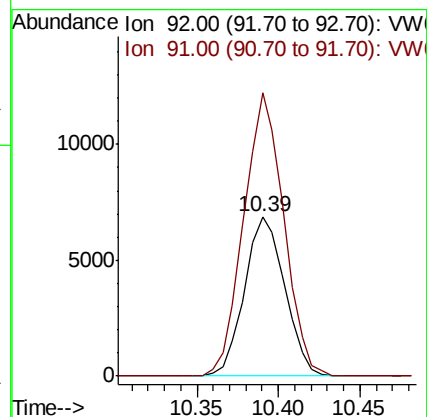
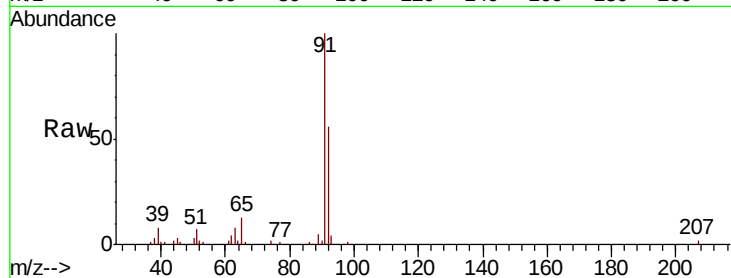
PL-02-103018-CRE

Tgt Ion: 92 Resp: 11803

Ion Ratio Lower Upper

92 100

91 177.3 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 24.765 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006582.D

Acq: 02 Nov 2018 02:53

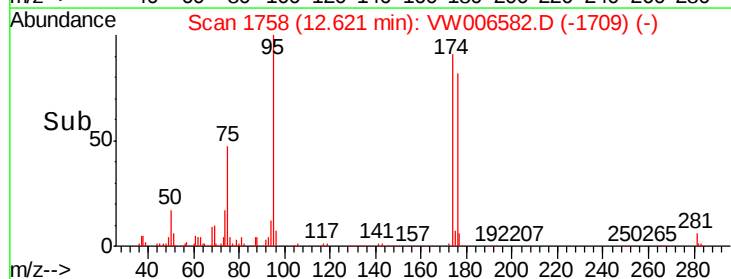
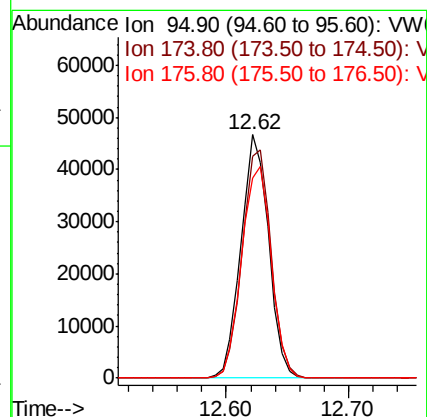
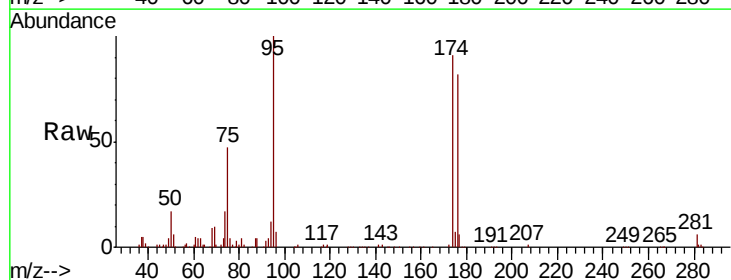
Tgt Ion: 95 Resp: 72915

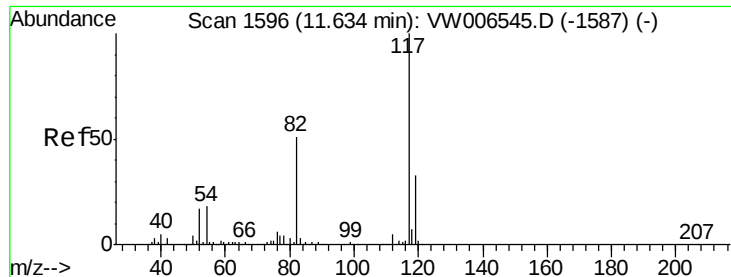
Ion Ratio Lower Upper

95 100

174 98.2 0.0 192.4

176 93.6 0.0 187.4

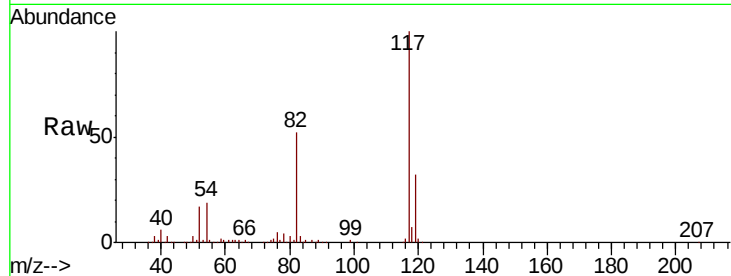




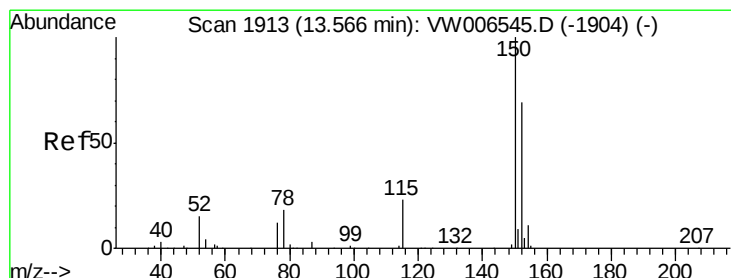
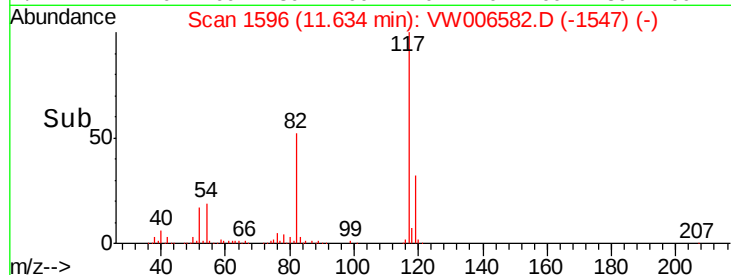
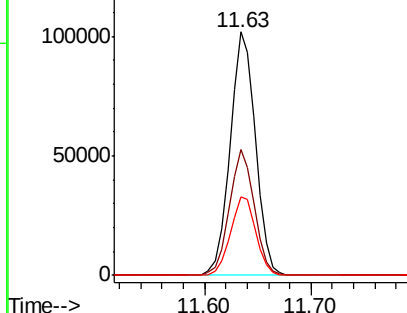
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006582.D
Acq: 02 Nov 2018 02:53

Instrument :
MSVOA_W
ClientSampleId :
PL-02-103018-CRE

Tgt Ion:117 Resp: 169781
Ion Ratio Lower Upper
117 100
82 51.9 40.8 61.2
119 32.2 26.1 39.1

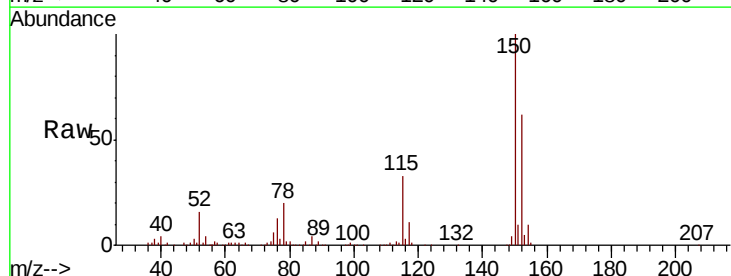


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

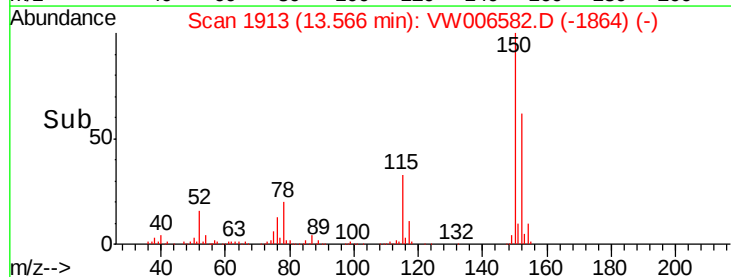
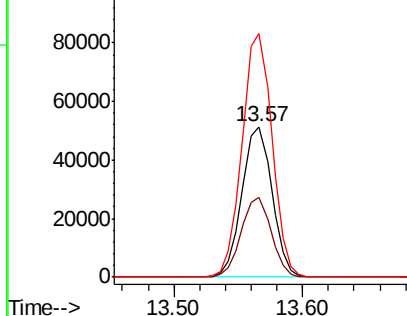


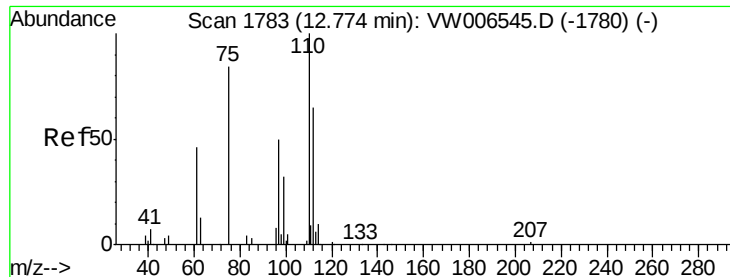
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006582.D
Acq: 02 Nov 2018 02:53

Tgt Ion:152 Resp: 83165
Ion Ratio Lower Upper
152 100
115 52.8 26.6 79.8
150 160.9 0.0 344.6



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: 55.969 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006582.D

Acq: 02 Nov 2018 02:53

Instrument :

MSVOA_W

ClientSampleId :

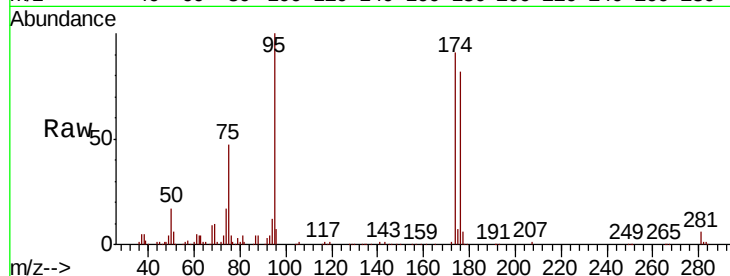
PL-02-103018-CRE

Tgt Ion: 75 Resp: 36317

Ion Ratio Lower Upper

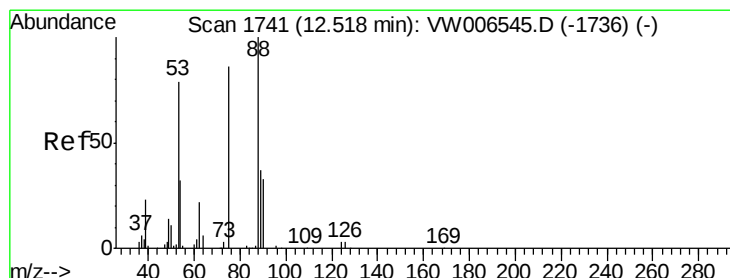
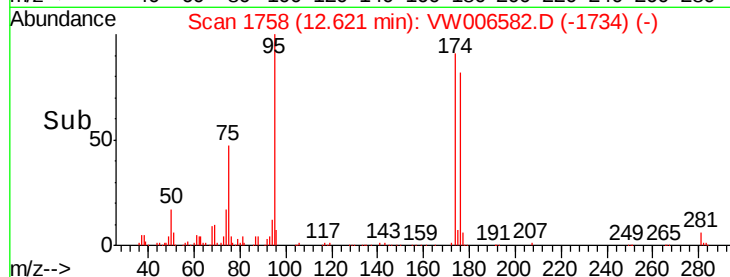
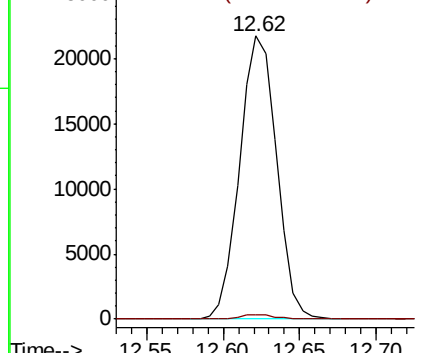
75 100

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: 139.891 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006582.D

Acq: 02 Nov 2018 02:53

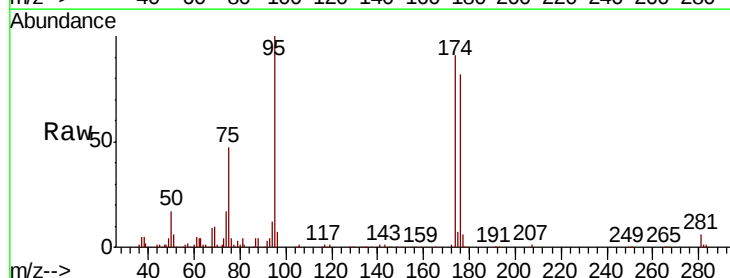
Tgt Ion: 75 Resp: 36317

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#



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

