

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
 Data File : VW006583.D
 Acq On : 02 Nov 2018 03:19
 Operator : SY/AP
 Sample : J5202-13RE
 Misc : 5.74G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-03-103018-A

Quant Time: Nov 02 07:59:29 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	232266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	380810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	113978	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100261	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	7.88	113	102826	43.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.06%	
50) Toluene-d8	10.33	98	318619	35.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.04%	
62) 4-Bromofluorobenzene	12.62	95	89899	27.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.52%	

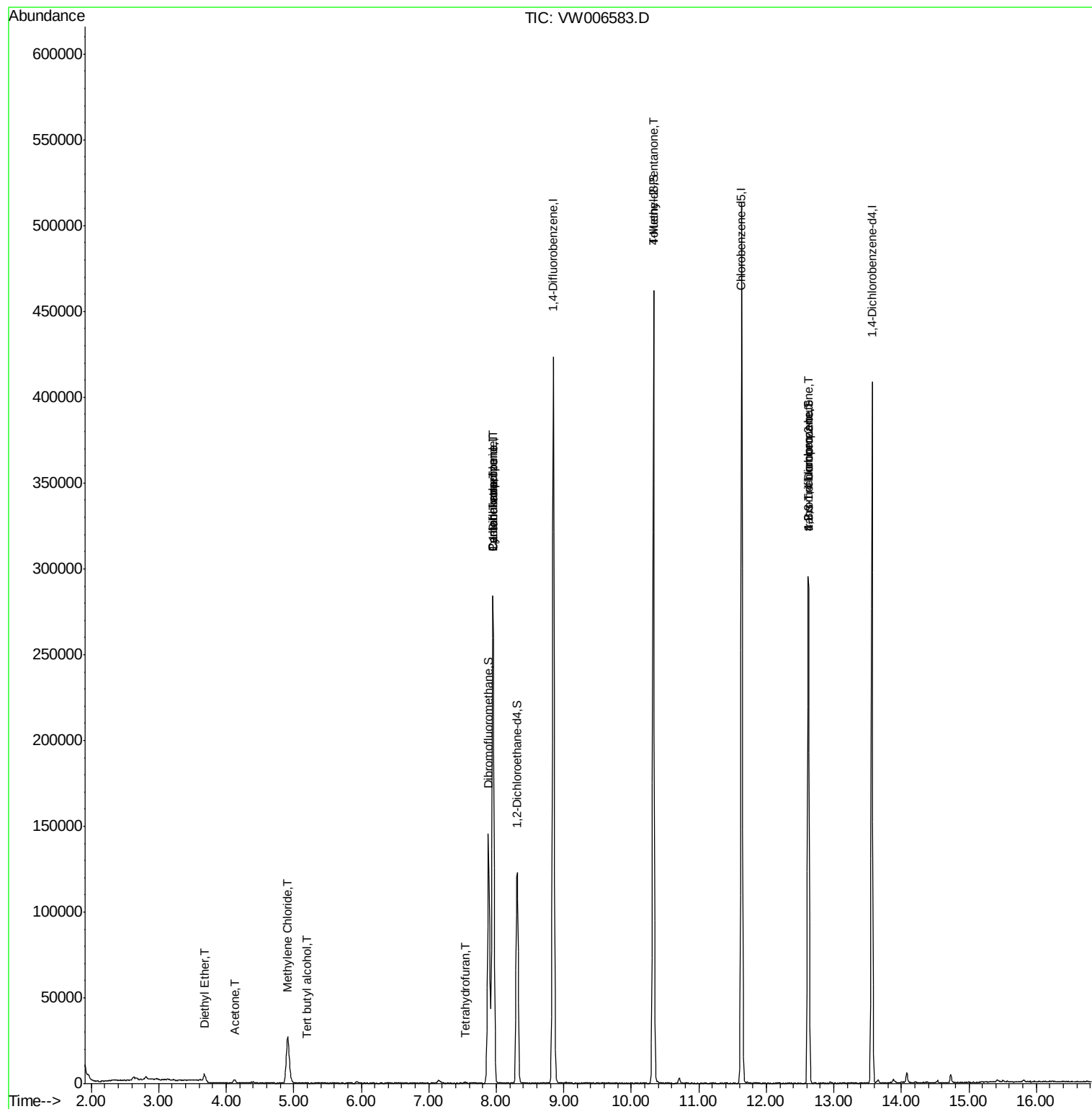
Target Compounds					Qvalue	
8) Diethyl Ether	3.68	74	2967	2.955	ug/l	86
11) Tert butyl alcohol	5.19	59	149	1.385	ug/l #	84
16) Acetone	4.12	43	3550	11.013	ug/l	93
20) Methylene Chloride	4.91	84	23100	5.775	ug/l	97
29) Tetrahydrofuran	7.54	42	507	1.752	ug/l #	61
31) Cyclohexane	7.95	56	3959	1.245	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	14169	4.231	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20246	5.786	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1240	1.043	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	44161	49.659	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	44161	124.419	ug/l #	11

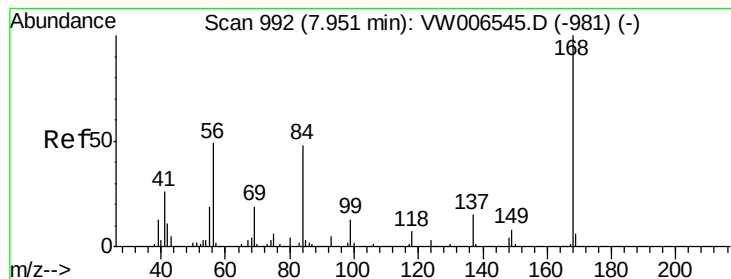
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
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QLast Update : Thu Nov 01 03:48:08 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: VW006583.D

Acq: 02 Nov 2018 03:19

Instrument :

MSVOA_W

ClientSampleId :

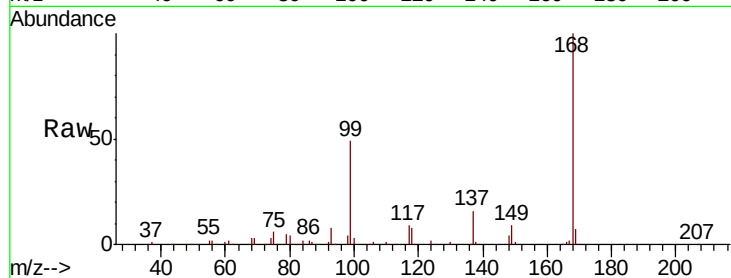
PL-03-103018-A

Tgt Ion:168 Resp: 232266

Ion Ratio Lower Upper

168 100

99 49.2 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

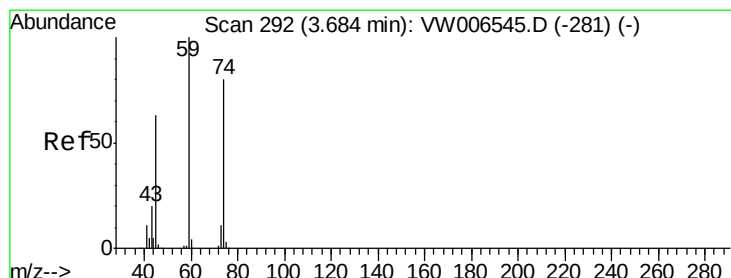
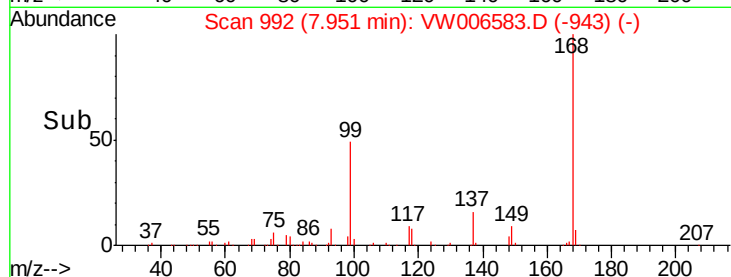
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.955 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006583.D

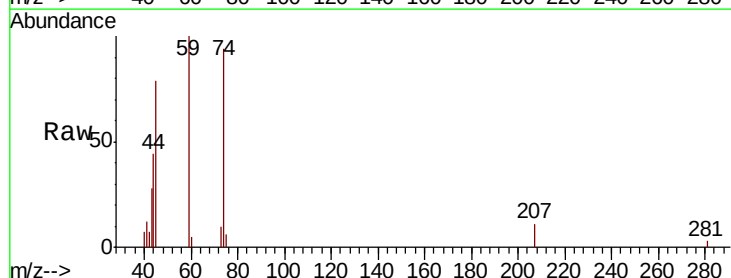
Acq: 02 Nov 2018 03:19

Tgt Ion: 74 Resp: 2967

Ion Ratio Lower Upper

74 100

45 95.0 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

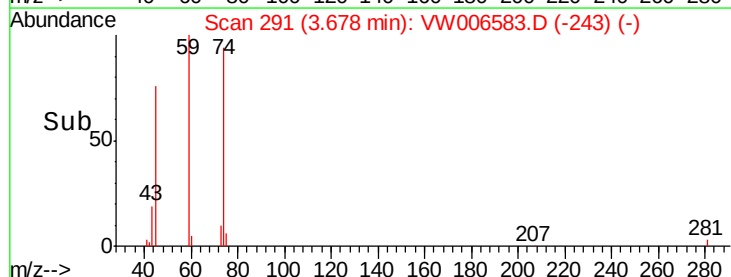
1500

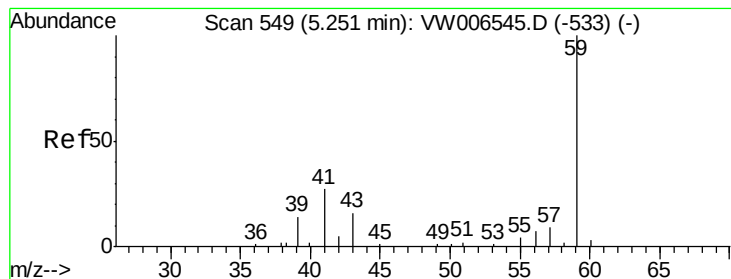
1000

500

0

Time--> 3.60 3.65 3.70 3.75



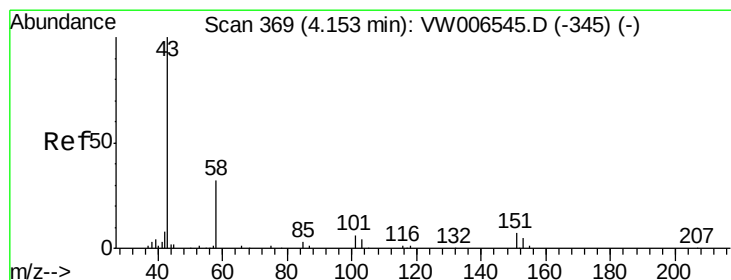
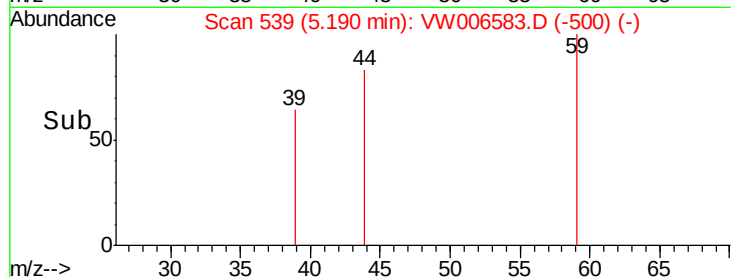
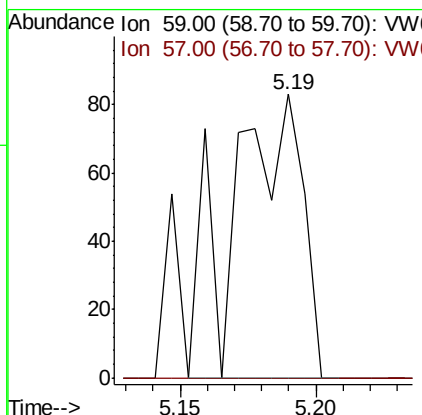
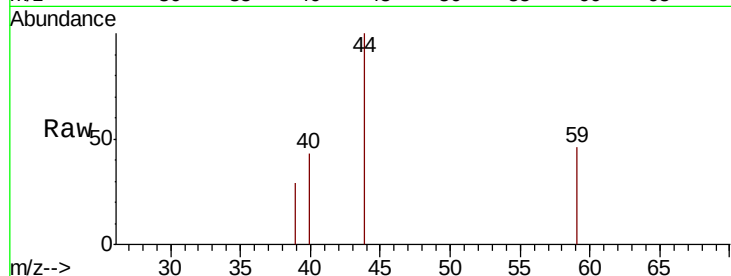


#11

Tert butyl alcohol
 Concen: 1.385 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. -0.06 min
 Lab File: VW006583.D
 Acq: 02 Nov 2018 03:19

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-03-103018-A

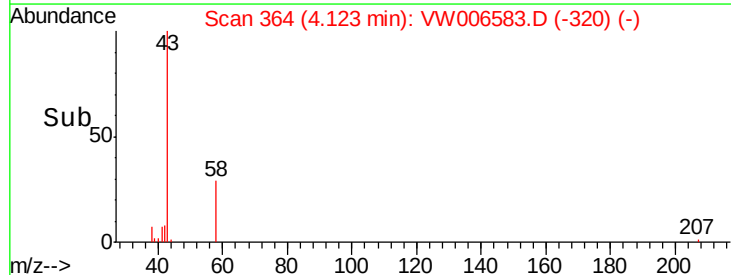
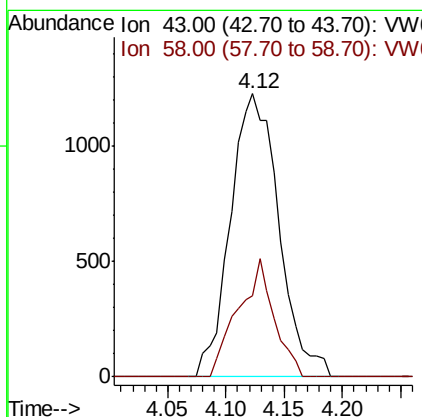
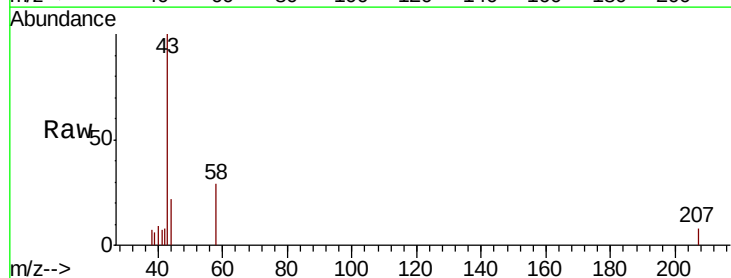
Tgt Ion: 59 Resp: 149
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.3 6.5#

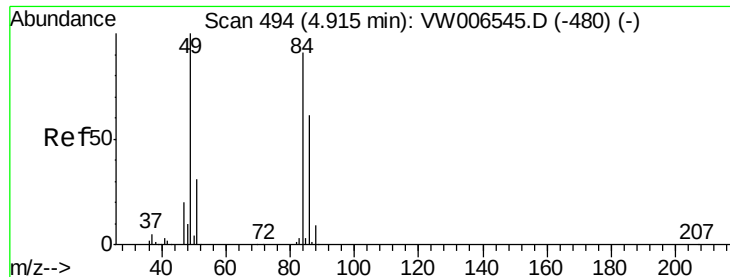


#16

Acetone
 Concen: 11.013 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.03 min
 Lab File: VW006583.D
 Acq: 02 Nov 2018 03:19

Tgt Ion: 43 Resp: 3550
 Ion Ratio Lower Upper
 43 100
 58 28.6 25.8 38.8

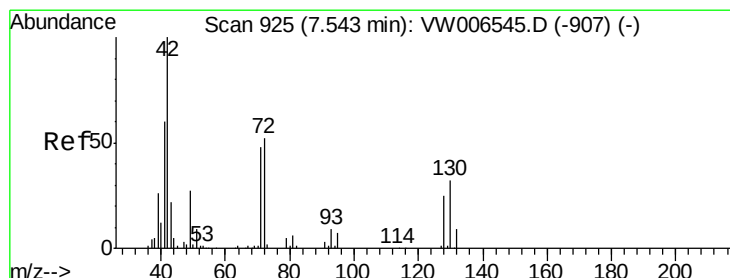
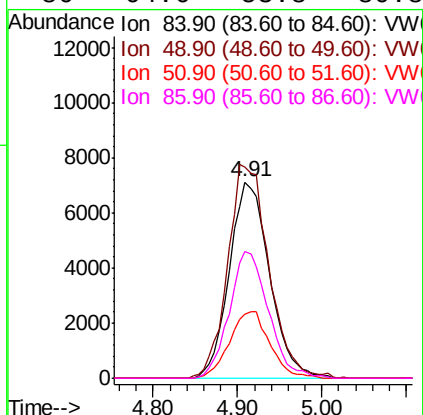
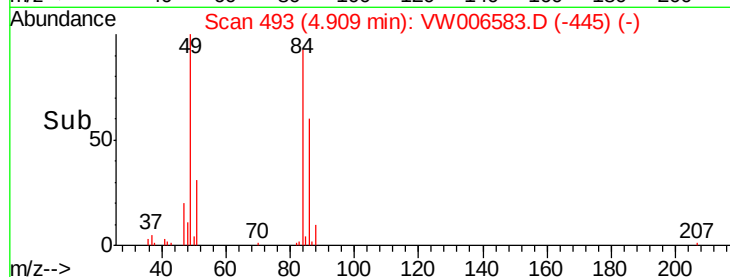
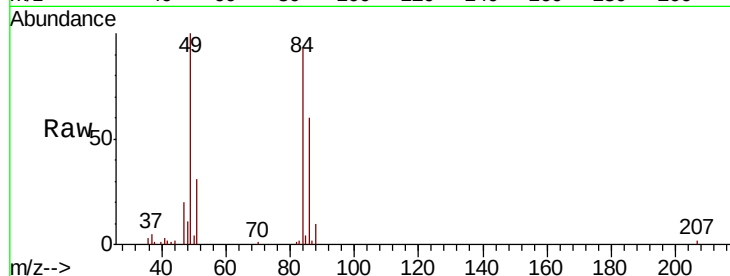




#20
Methylene Chloride
Concen: 5.775 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006583.D
Acq: 02 Nov 2018 03:19

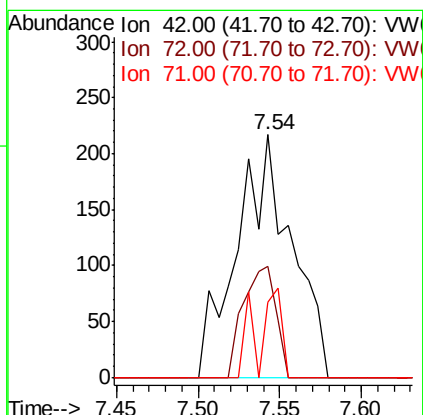
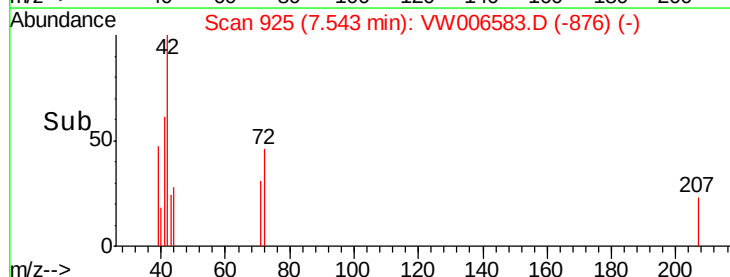
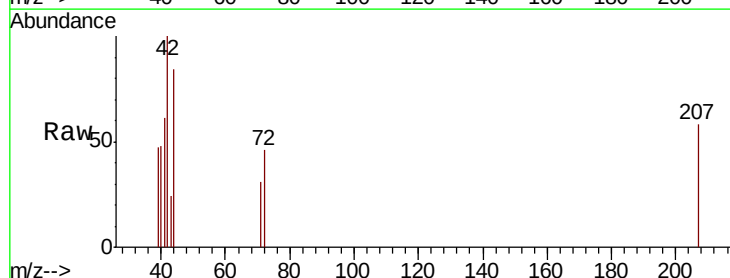
Instrument :
MSVOA_W
ClientSampleId :
PL-03-103018-A

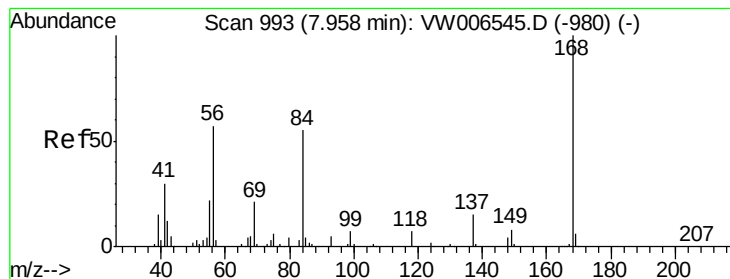
Tgt Ion: 84 Resp: 23100
Ion Ratio Lower Upper
84 100
49 107.4 88.2 132.4
51 32.8 27.0 40.6
86 64.6 53.8 80.8



#29
Tetrahydrofuran
Concen: 1.752 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006583.D
Acq: 02 Nov 2018 03:19

Tgt Ion: 42 Resp: 507
Ion Ratio Lower Upper
42 100
72 27.4 39.2 58.8#
71 16.2 37.6 56.4#





#31

Cyclohexane

Concen: 1.245 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006583.D

Acq: 02 Nov 2018 03:19

Instrument :

MSVOA_W

ClientSampleId :

PL-03-103018-A

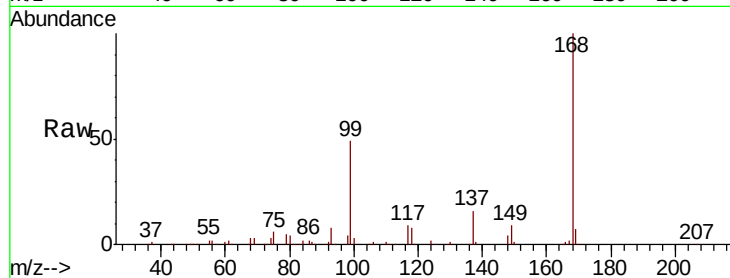
Tgt Ion: 56 Resp: 3959

Ion Ratio Lower Upper

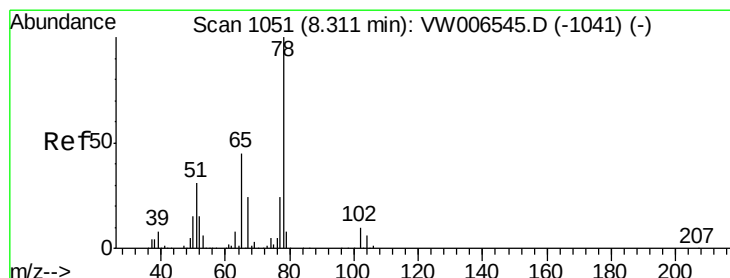
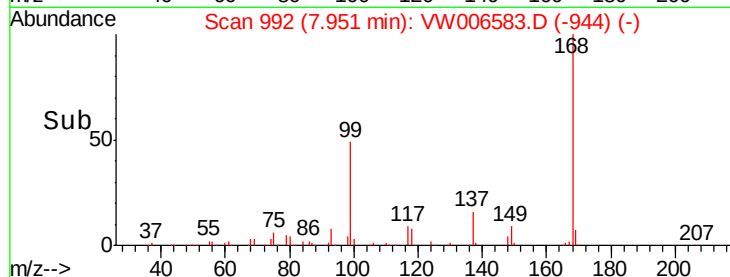
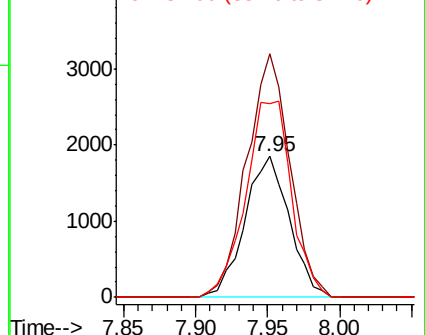
56 100

69 172.7 29.0 43.4#

84 137.7 77.8 116.6#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 50.217 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006583.D

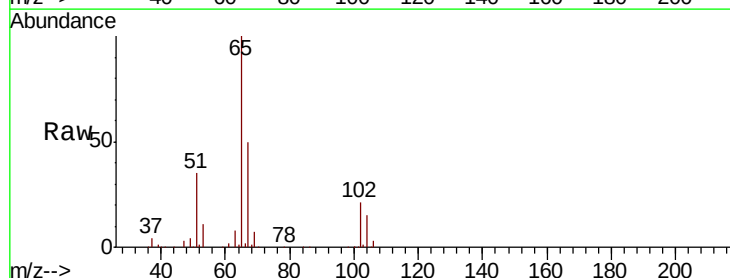
Acq: 02 Nov 2018 03:19

Tgt Ion: 65 Resp: 100261

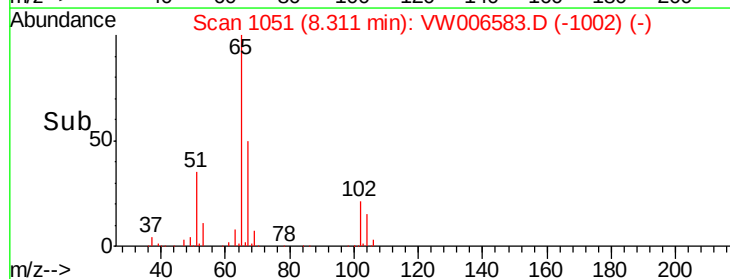
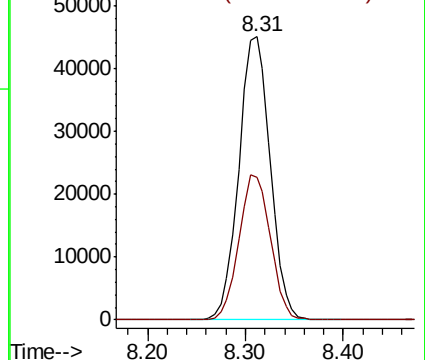
Ion Ratio Lower Upper

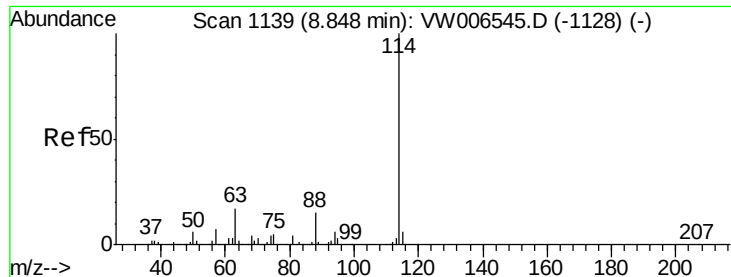
65 100

67 51.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

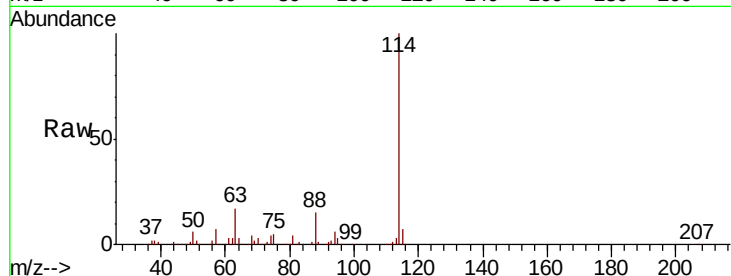




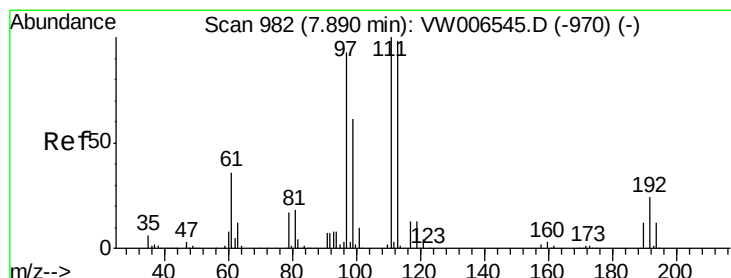
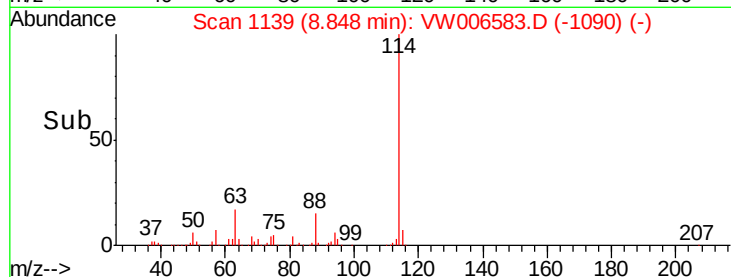
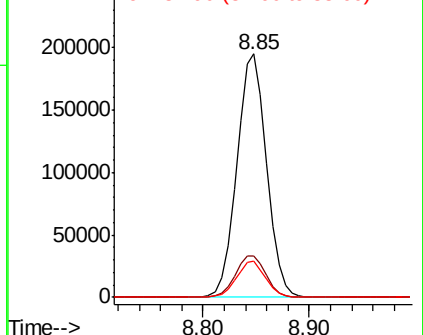
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006583.D
 Acq: 02 Nov 2018 03:19

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-03-103018-A

Tgt Ion:114 Resp: 380810
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 34.4
 88 14.7 0.0 29.0

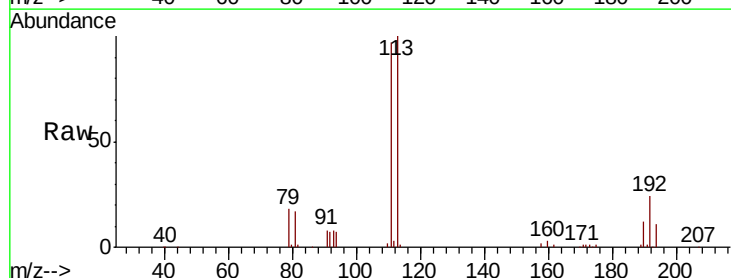


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

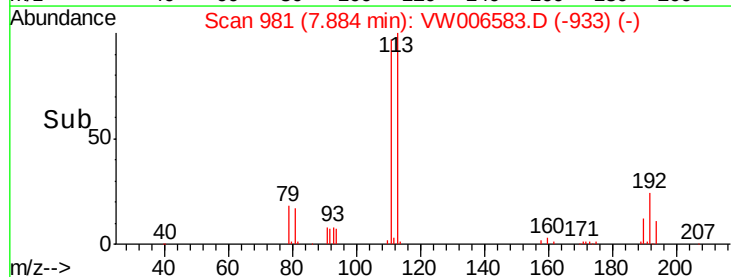
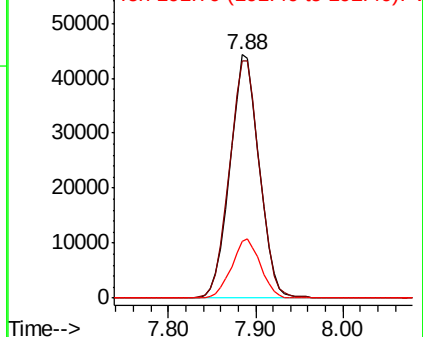


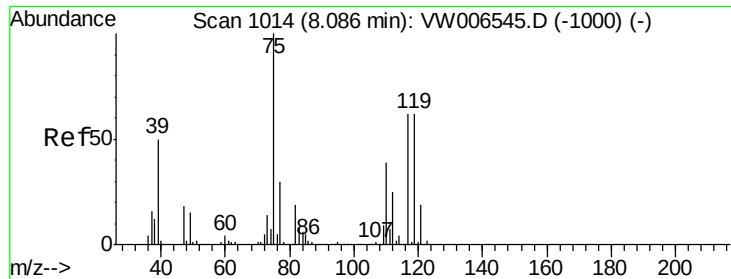
#35
 Dibromofluoromethane
 Concen: 43.026 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006583.D
 Acq: 02 Nov 2018 03:19

Tgt Ion:113 Resp: 102826
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.2 123.2
 192 24.1 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

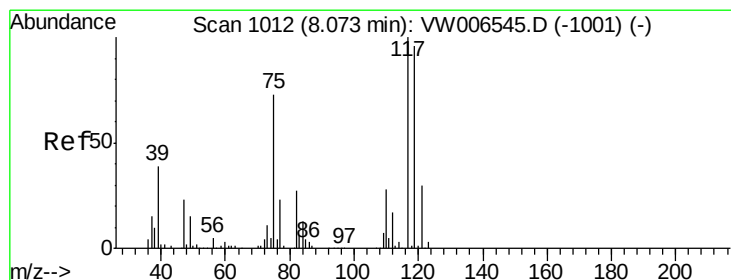
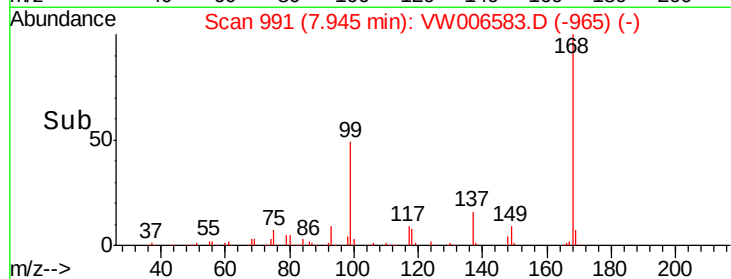
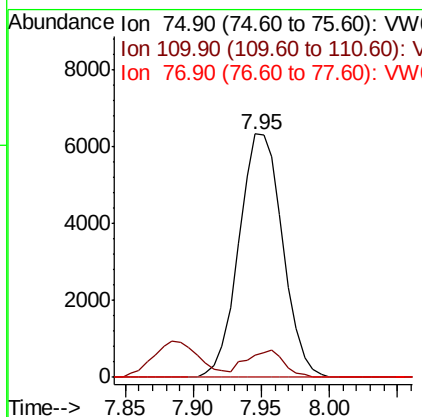
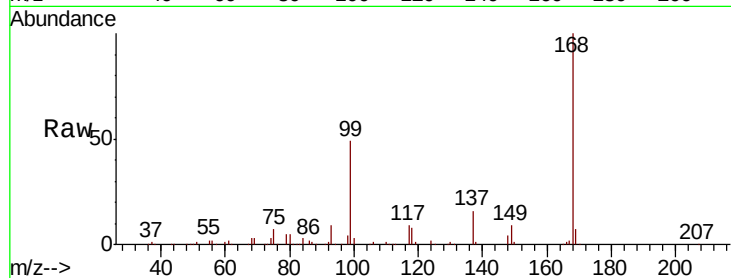




#36
 1,1-Dichloropropene
 Concen: 4.231 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006583.D
 Acq: 02 Nov 2018 03:19

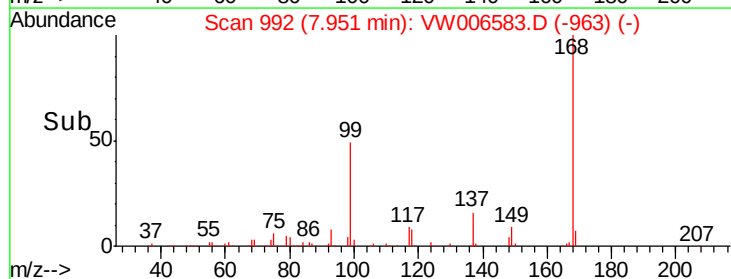
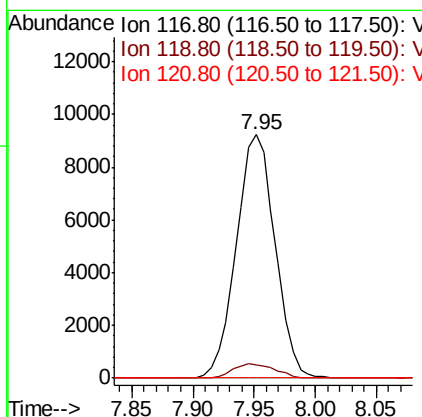
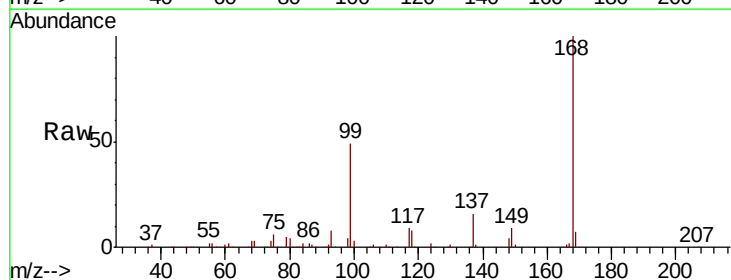
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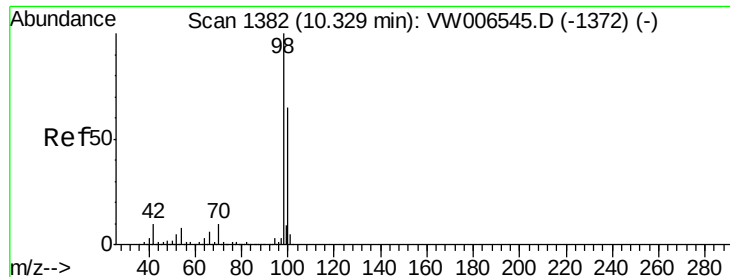
Tgt Ion: 75 Resp: 14169
 Ion Ratio Lower Upper
 75 100
 110 9.7 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.786 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006583.D
 Acq: 02 Nov 2018 03:19

Tgt Ion: 117 Resp: 20246
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.3 114.5#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 35.021 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006583.D

Acq: 02 Nov 2018 03:19

Instrument :

MSVOA_W

ClientSampleId :

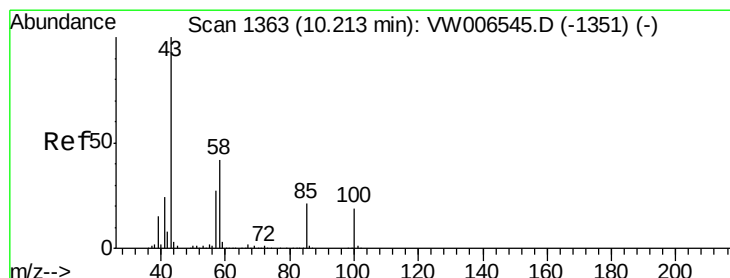
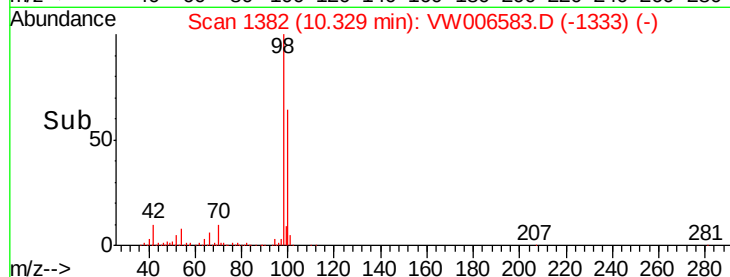
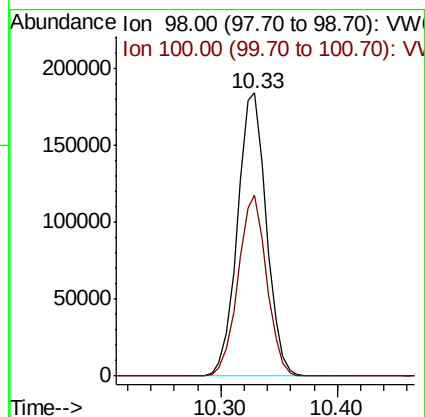
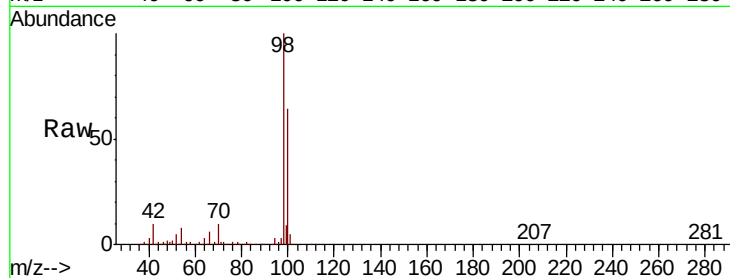
PL-03-103018-A

Tgt Ion: 98 Resp: 318619

Ion Ratio Lower Upper

98 100

100 63.3 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.043 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006583.D

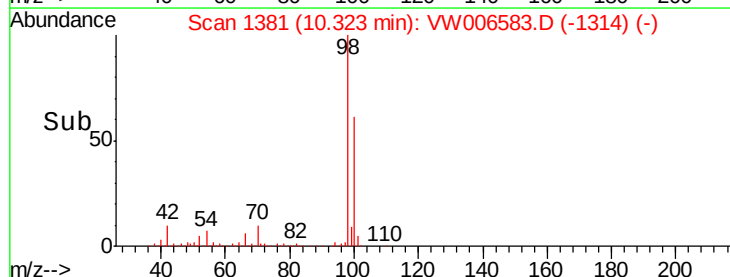
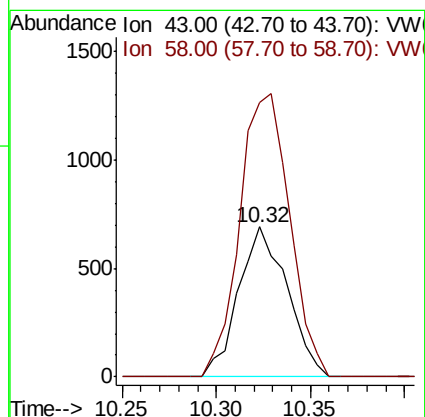
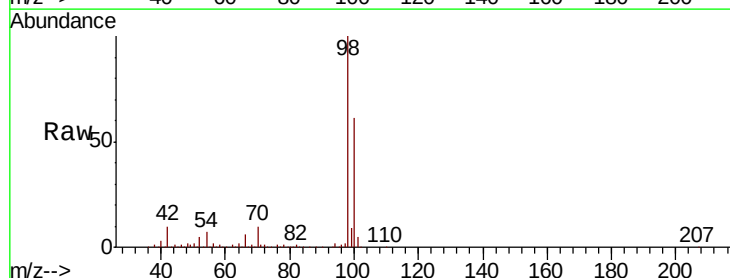
Acq: 02 Nov 2018 03:19

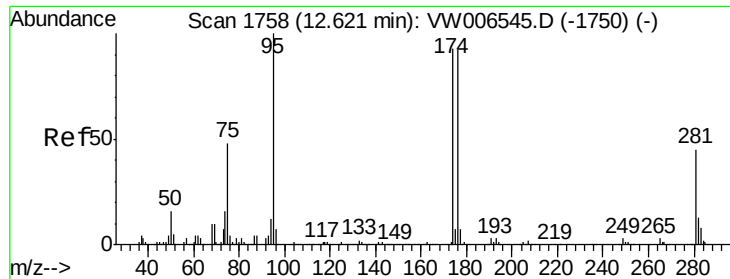
Tgt Ion: 43 Resp: 1240

Ion Ratio Lower Upper

43 100

58 193.7 33.4 50.0#

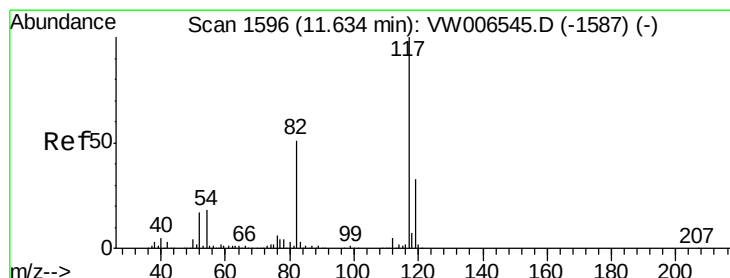
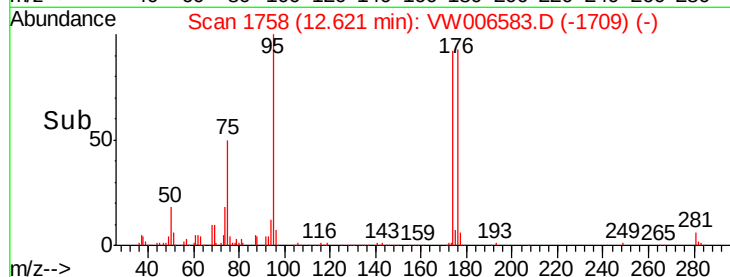
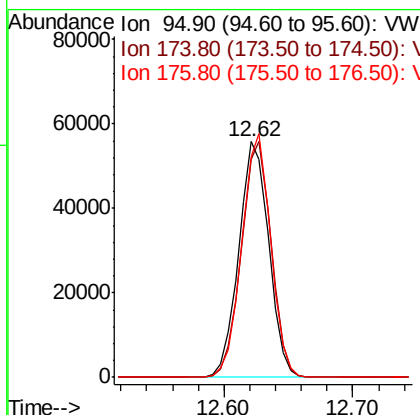
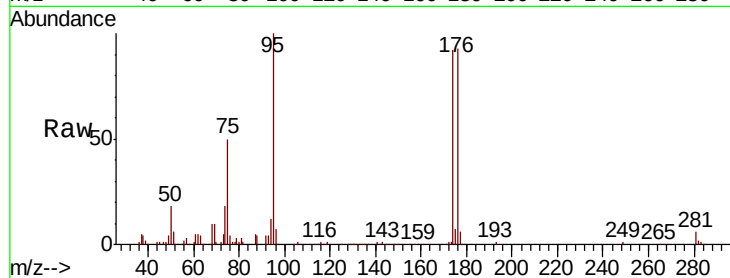




#62
4-Bromofluorobenzene
Concen: 27.256 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006583.D
Acq: 02 Nov 2018 03:19

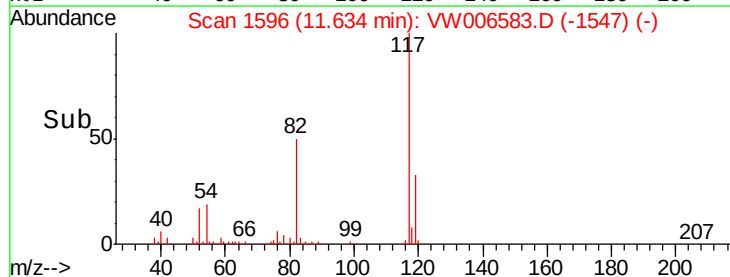
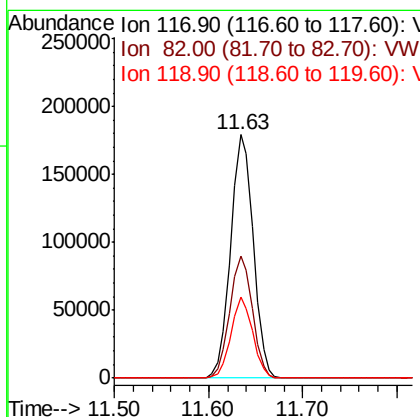
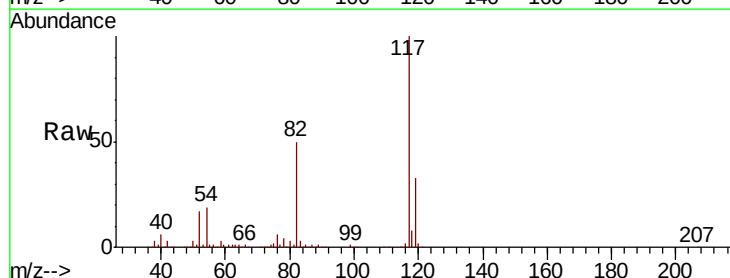
Instrument :
MSVOA_W
ClientSampleId :
PL-03-103018-A

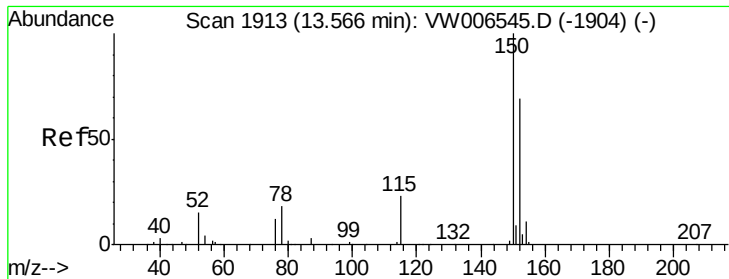
Tgt Ion	Ratio	Resp	Lower	Upper
95	100	89899		
174	98.8	0.0	192.4	
176	99.0	0.0	187.4	



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006583.D
Acq: 02 Nov 2018 03:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	298593		
82	50.1	40.8	61.2	
119	33.3	26.1	39.1	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006583.D

Acq: 02 Nov 2018 03:19

Instrument :

MSVOA_W

ClientSampleId :

PL-03-103018-A

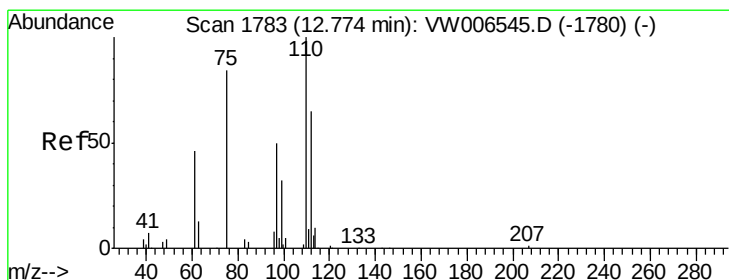
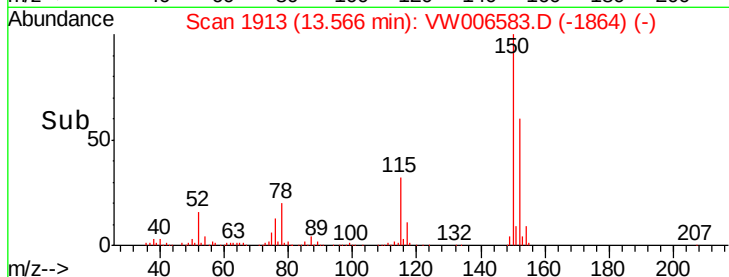
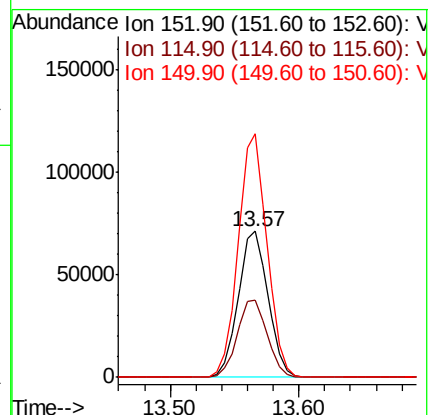
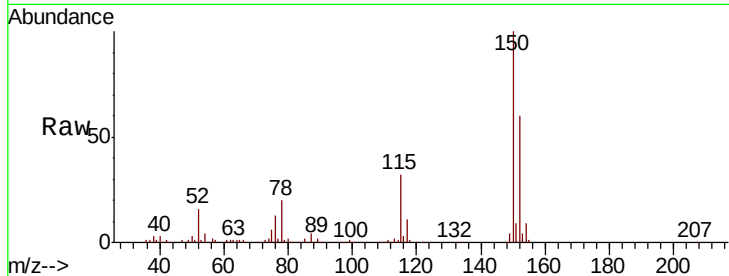
Tgt Ion:152 Resp: 113978

Ion Ratio Lower Upper

152 100

115 53.4 26.6 79.8

150 161.1 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 49.659 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006583.D

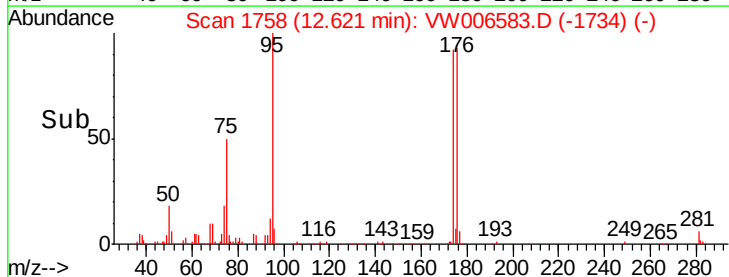
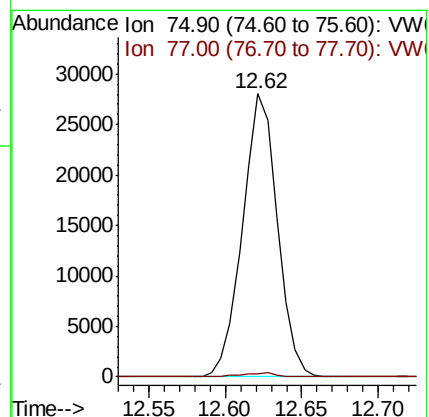
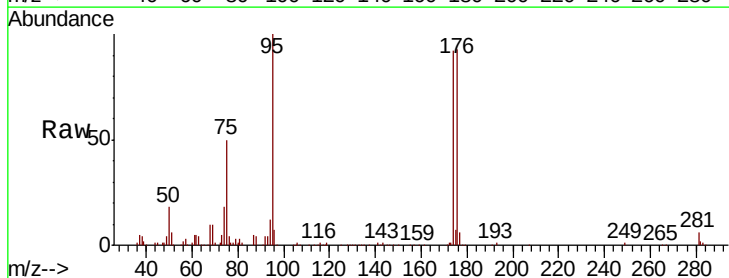
Acq: 02 Nov 2018 03:19

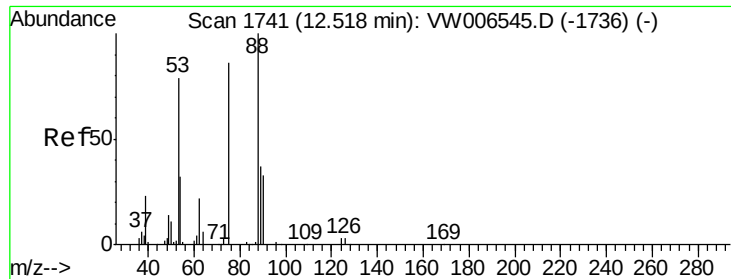
Tgt Ion: 75 Resp: 44161

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 124.419 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006583.D

Acq: 02 Nov 2018 03:19

Instrument :

MSVOA_W

ClientSampleId :

PL-03-103018-A

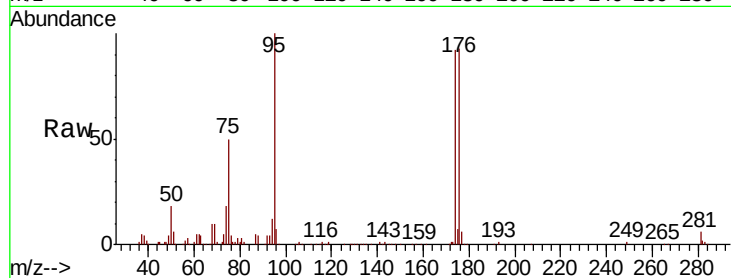
Tgt Ion: 75 Resp: 44161

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

