

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006264.D
 Acq On : 22 Oct 2018 20:45
 Operator : VA/AP
 Sample : J5625-04
 Misc : 5.18G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-02

Quant Time: Oct 23 04:08:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	296838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	417658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	86088	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	81865	33.27	ug/l	0.00
Spiked Amount			Recovery	=	66.54%	
35) Dibromofluoromethane	7.88	113	83304	33.75	ug/l	0.00
Spiked Amount			Recovery	=	67.50%	
50) Toluene-d8	10.33	98	254861	27.14	ug/l	0.00
Spiked Amount			Recovery	=	54.28%	
62) 4-Bromofluorobenzene	12.62	95	65741	18.64	ug/l	0.00
Spiked Amount			Recovery	=	37.28%	

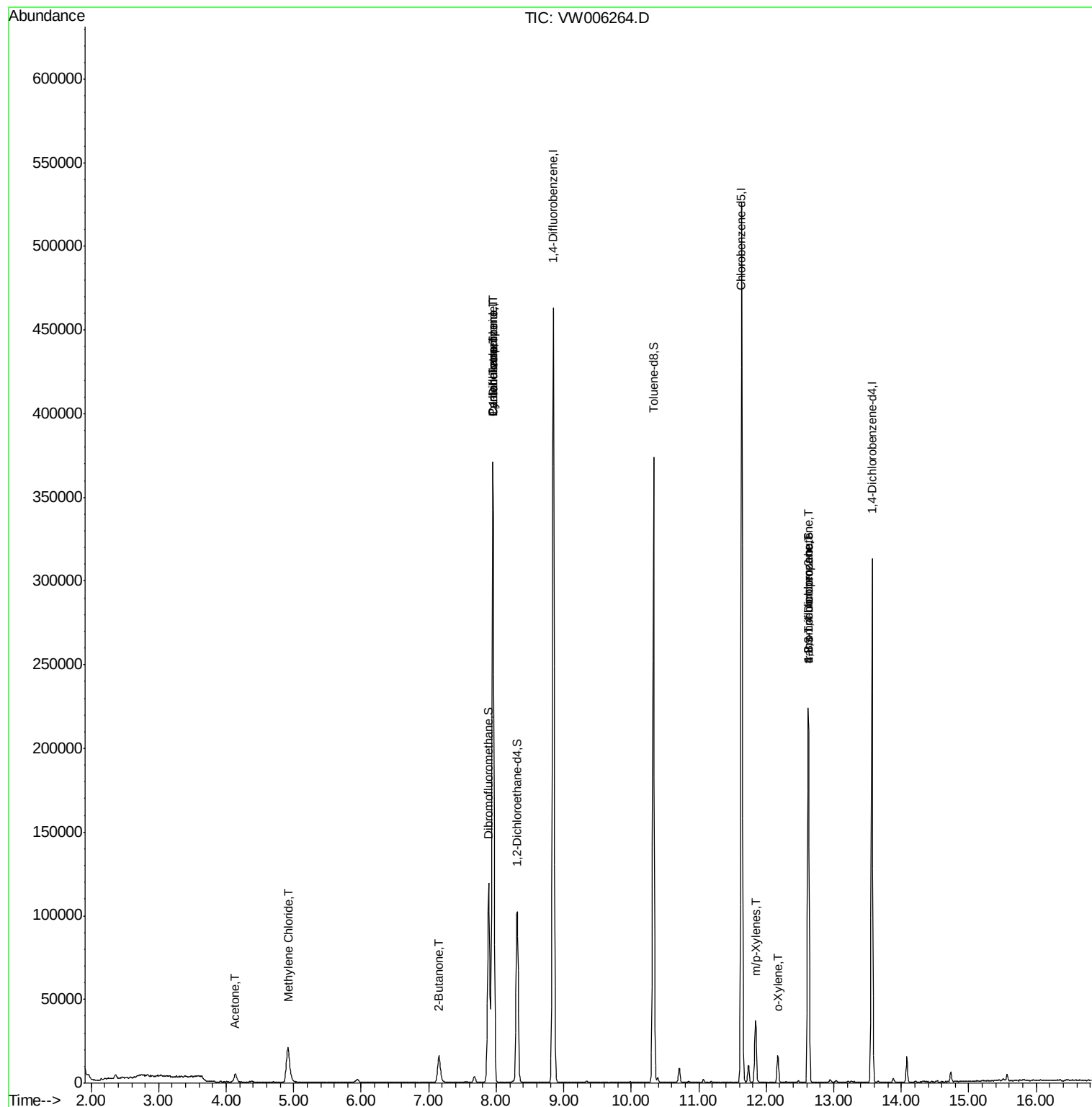
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	9343	5.774	ug/l	89
20) Methylene Chloride	4.92	84	19298	5.978	ug/l	95
25) 2-Butanone	7.15	43	902	1.357	ug/l #	46
31) Cyclohexane	7.95	56	5478	1.216	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19892	5.167	ug/l #	48
38) Carbon Tetrachloride	7.95	117	26397	6.255	ug/l #	17
68) m/p-Xylenes	11.84	106	11801	2.663	ug/l	97
69) o-Xylene	12.18	106	4371	1.035	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	32568	49.530	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	32568	118.396	ug/l #	10

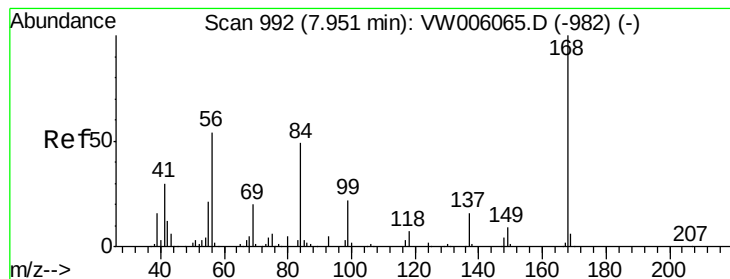
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102218\
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Quant Time: Oct 23 04:08:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006264.D

Acq: 22 Oct 2018 20:45

Instrument :

MSVOA_W

ClientSampleId :

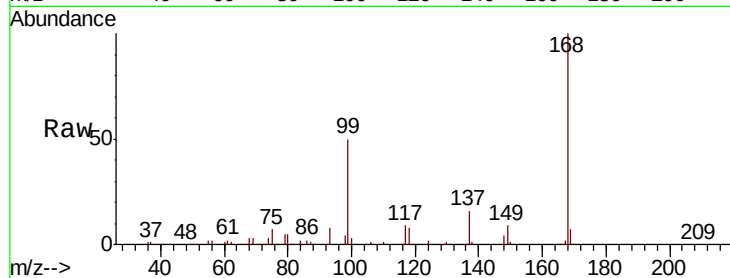
DW-02

Tot Ion:168 Resp: 296838

Ion Ratio Lower Upper

168 100

99 50.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

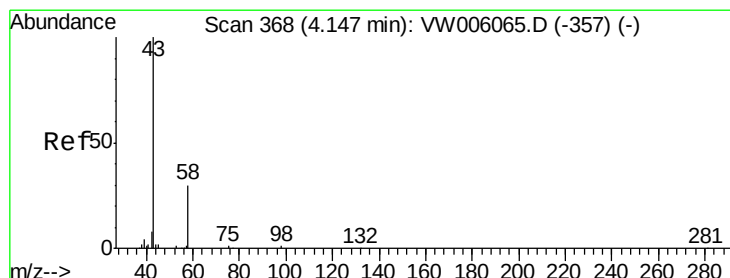
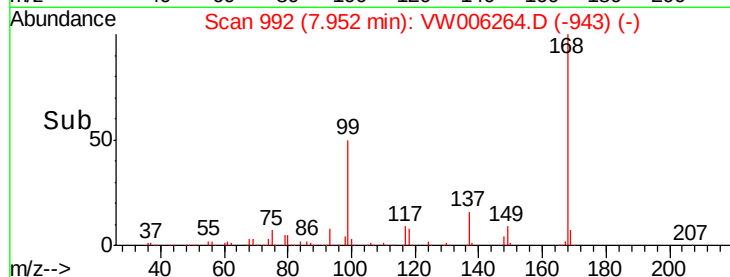
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.774 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006264.D

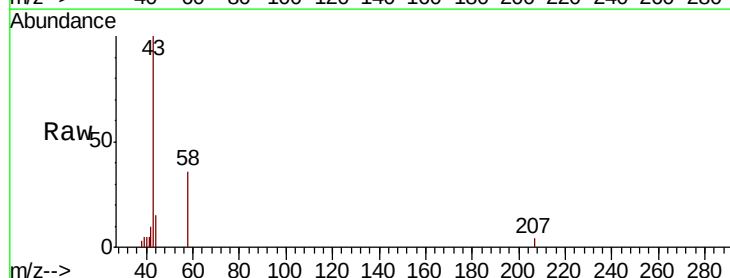
Acq: 22 Oct 2018 20:45

Tgt Ion: 43 Resp: 9343

Ion Ratio Lower Upper

43 100

58 35.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

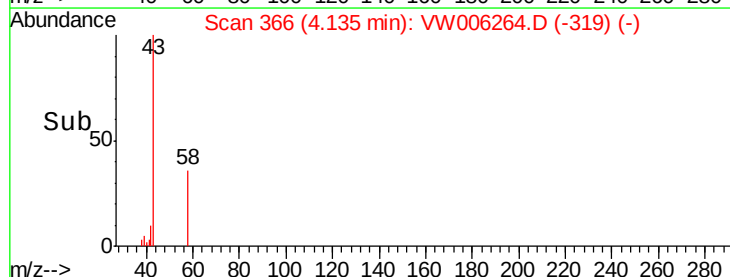
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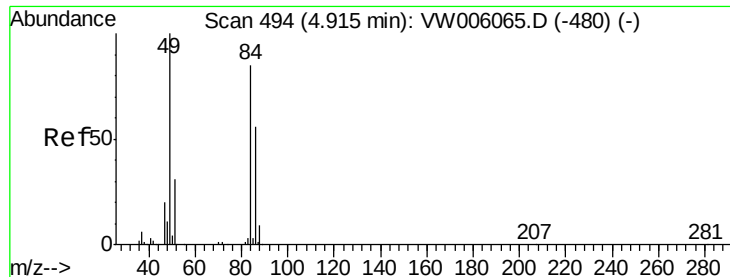
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1000

0

Time-->

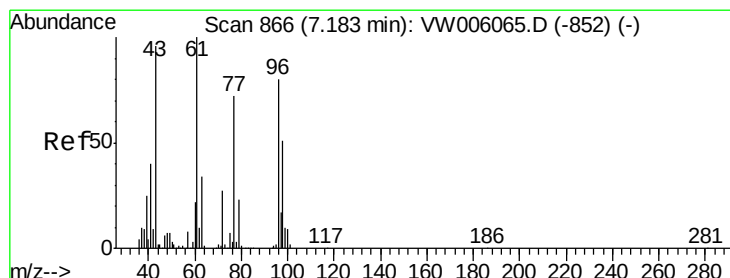
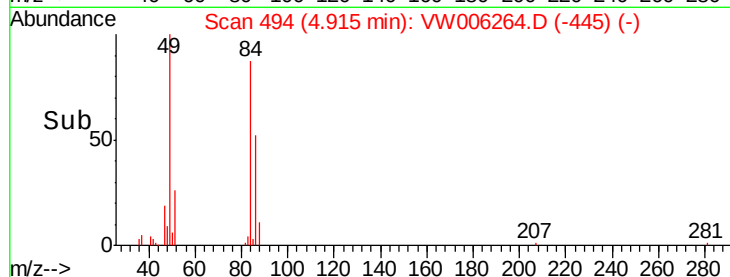
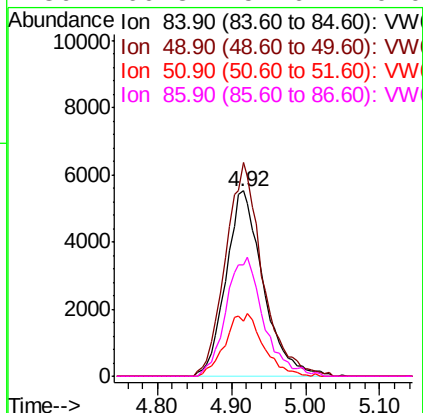
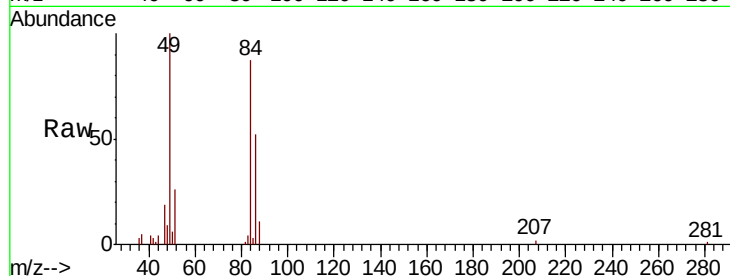




#20
Methylene Chloride
Concen: 5.978 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006264.D
Acq: 22 Oct 2018 20:45

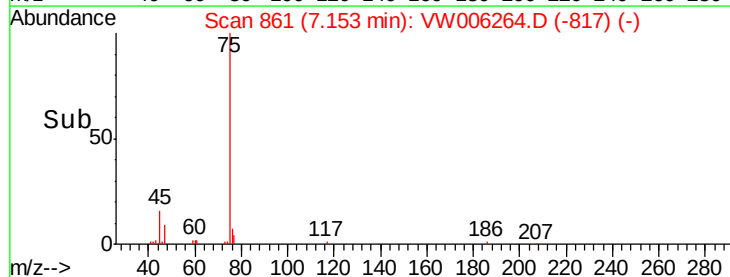
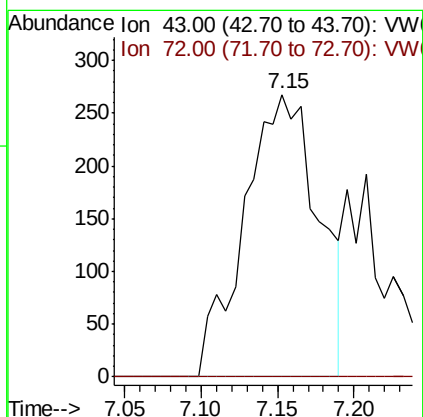
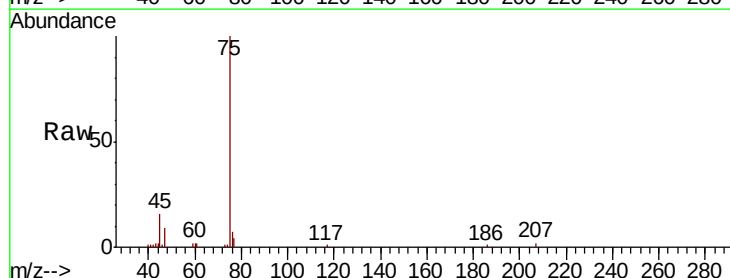
Instrument :
MSVOA_W
ClientSampled :
DW-02

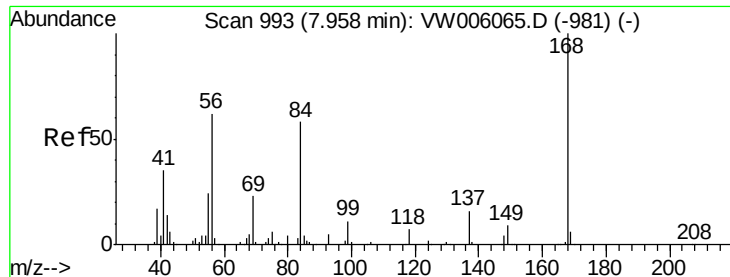
Tot Ion: 84 Resp: 19298
Ion Ratio Lower Upper
84 100
49 115.4 93.6 140.4
51 30.0 29.0 43.4
86 60.3 52.6 79.0



#25
2-Butanone
Concen: 1.357 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW006264.D
Acq: 22 Oct 2018 20:45

Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#

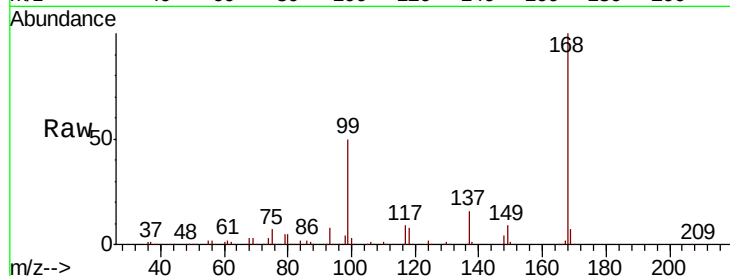




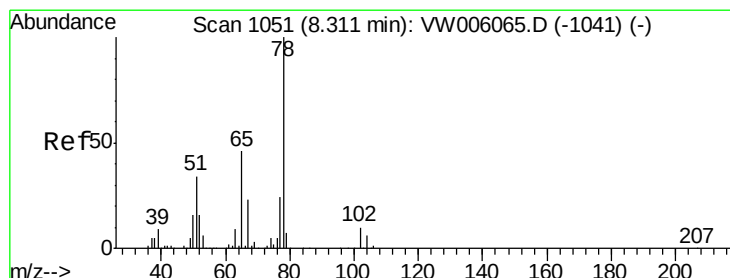
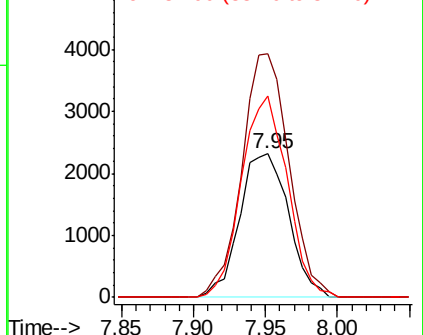
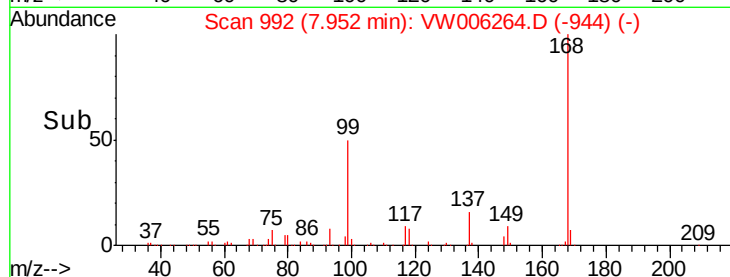
#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006264.D
Acq: 22 Oct 2018 20:45

Instrument :
MSVOA_W
ClientSampled :
DW-02

Tot Ion: 56 Resp: 5478
Ion Ratio Lower Upper
56 100
69 169.9 29.4 44.0#
84 140.5 74.0 111.0#

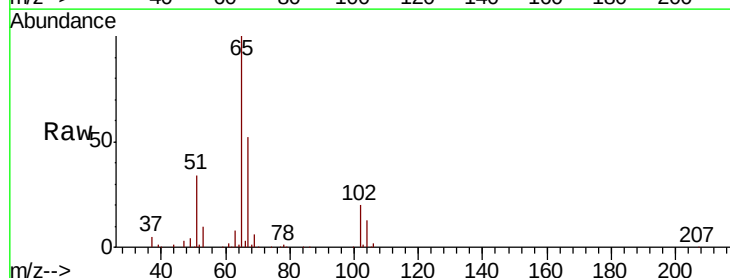


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

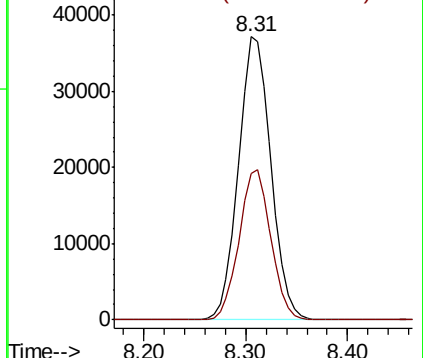
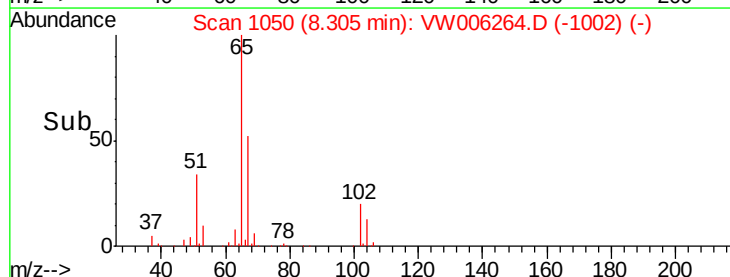


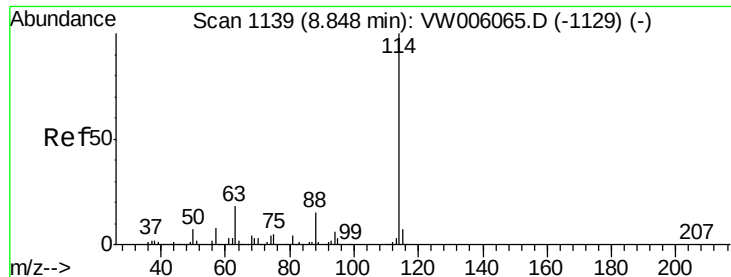
#33
1,2-Dichloroethane-d4
Concen: 33.266 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006264.D
Acq: 22 Oct 2018 20:45

Tgt Ion: 65 Resp: 81865
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.0



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: VW006264.D

Acq: 22 Oct 2018 20:45

Instrument :

MSVOA_W

ClientSampled :

DW-02

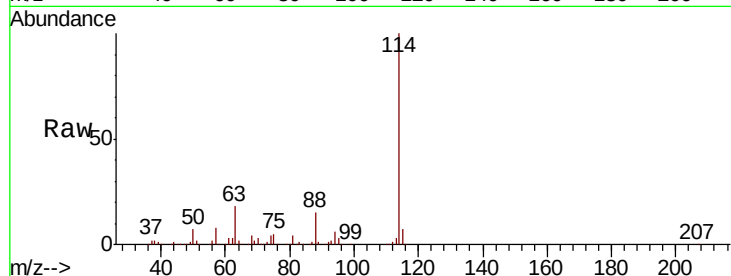
Tot Ion:114 Resp: 417658

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 15.0 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

250000

200000

150000

100000

50000

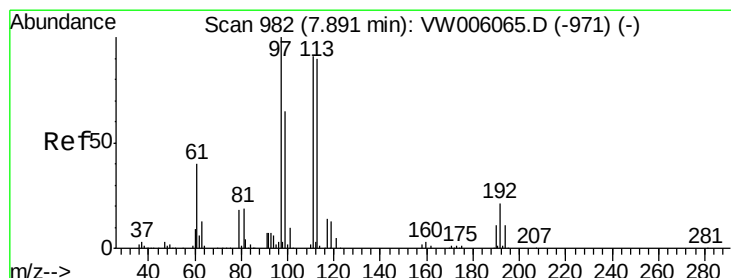
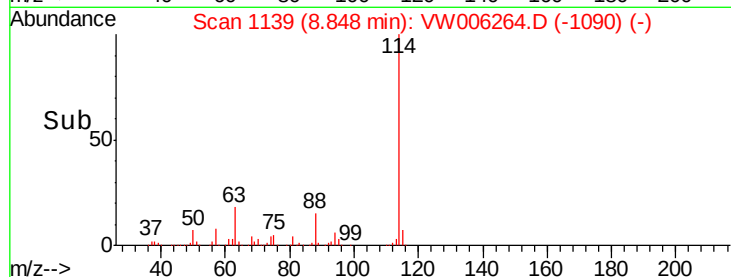
0

8.80

8.85

8.90

Time-->



#35

Dibromofluoromethane

Concen: 33.755 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006264.D

Acq: 22 Oct 2018 20:45

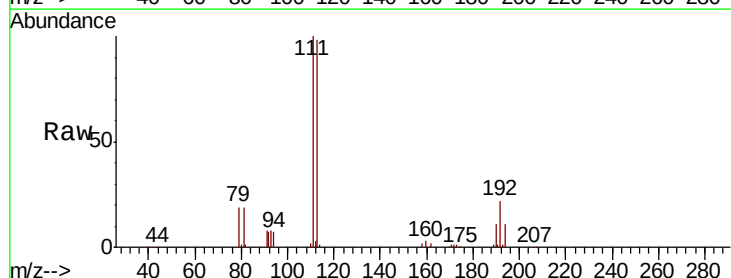
Tgt Ion:113 Resp: 83304

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 23.3 18.7 28.1



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

50000

40000

30000

20000

10000

0

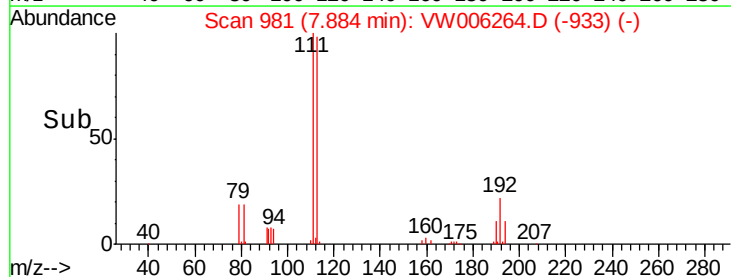
7.80

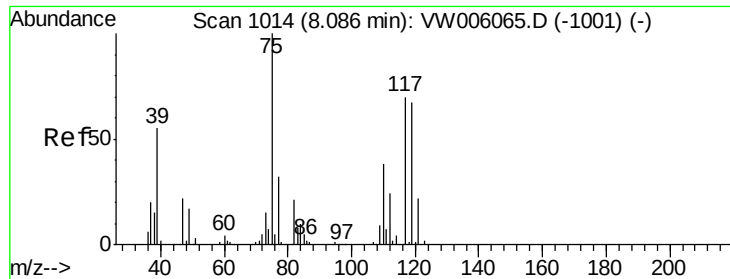
7.88

7.90

8.00

Time-->

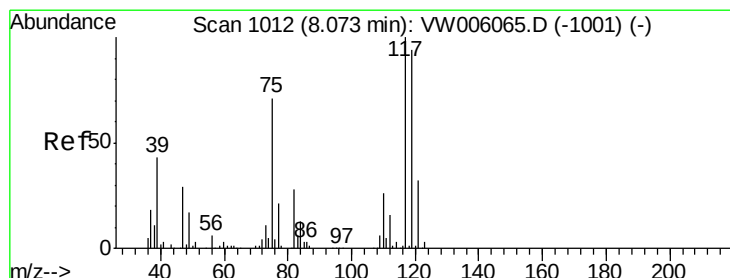
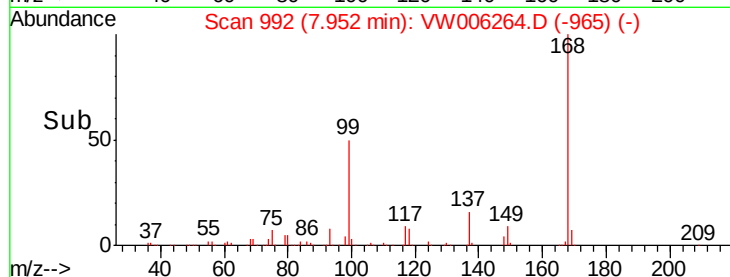
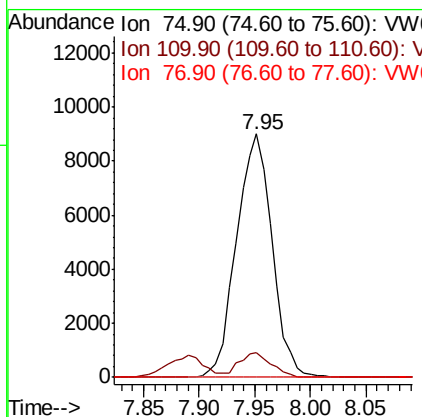
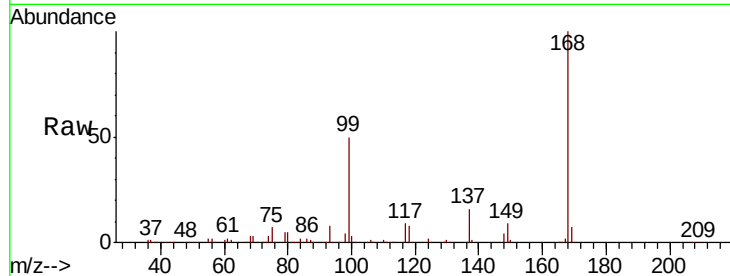




#36
 1,1-Dichloropropene
 Concen: 5.167 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006264.D
 Acq: 22 Oct 2018 20:45

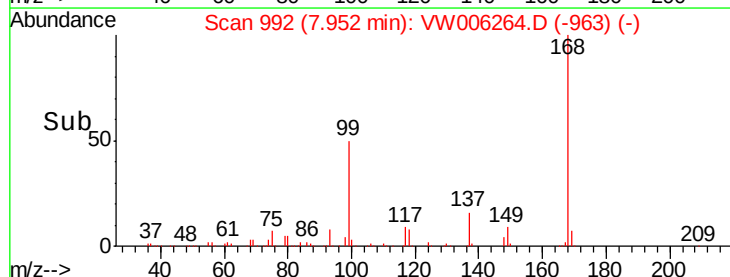
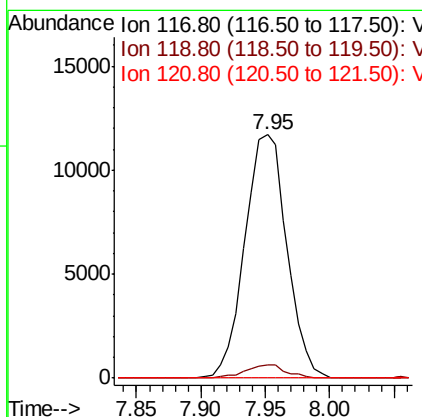
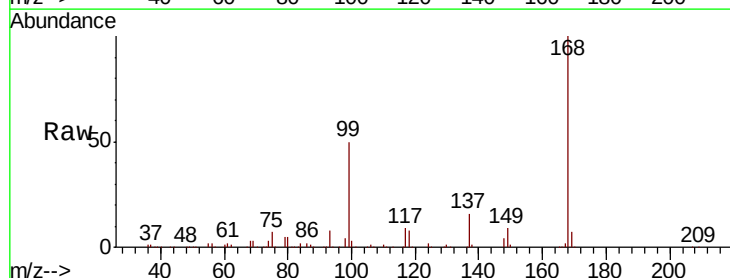
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-02

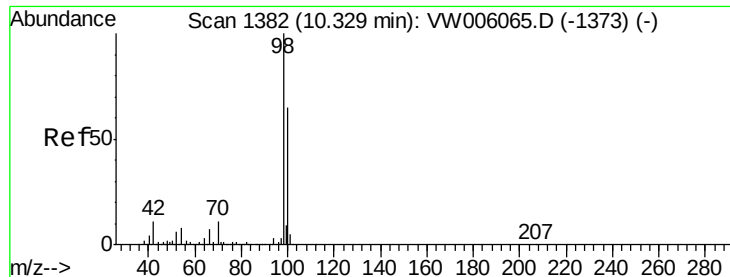
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.255 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006264.D
 Acq: 22 Oct 2018 20:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 27.144 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006264.D

Acq: 22 Oct 2018 20:45

Instrument :

MSVOA_W

ClientSampleId :

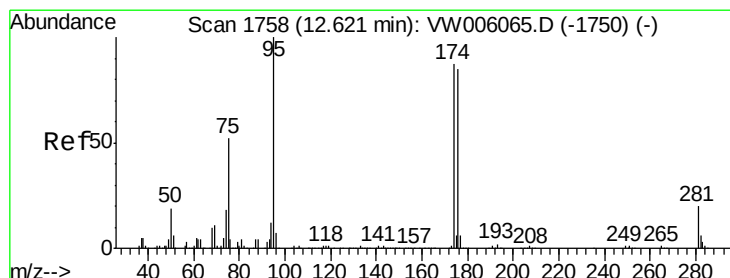
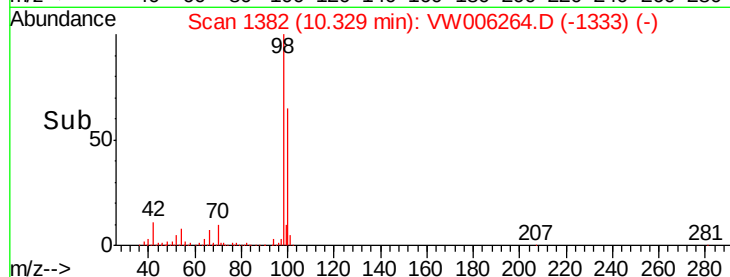
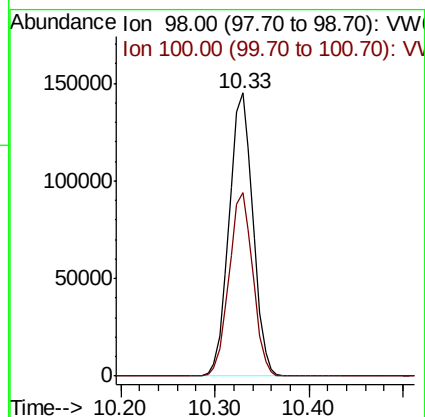
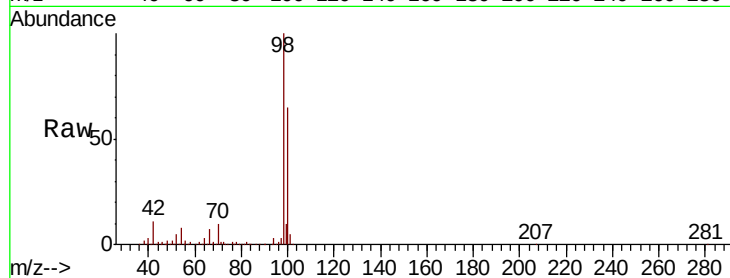
DW-02

Tot Ion: 98 Resp: 254861

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 18.642 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006264.D

Acq: 22 Oct 2018 20:45

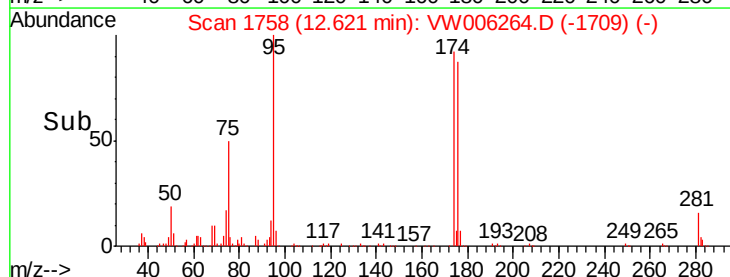
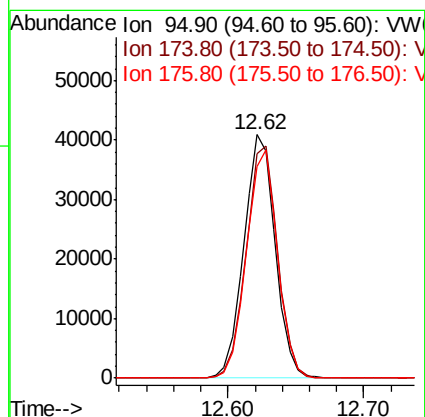
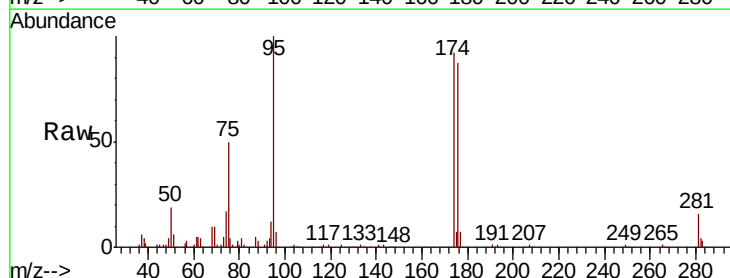
Tgt Ion: 95 Resp: 65741

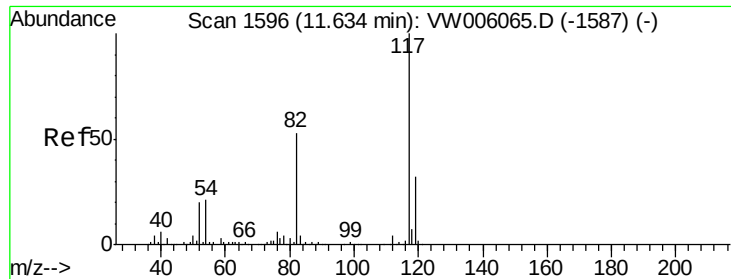
Ion Ratio Lower Upper

95 100

174 96.1 0.0 186.0

176 93.0 0.0 181.6

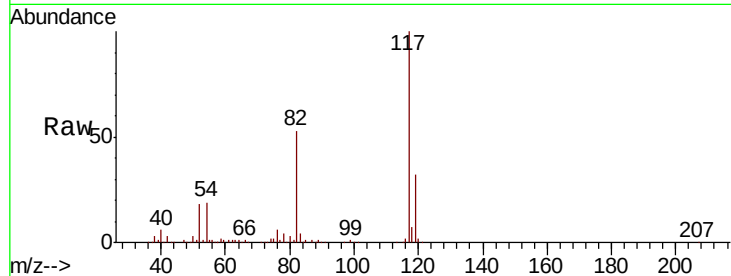




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006264.D
Acq: 22 Oct 2018 20:45

Instrument :
MSVOA_W
ClientSampleId :
DW-02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.1	63.1
119	32.5	25.8	38.6

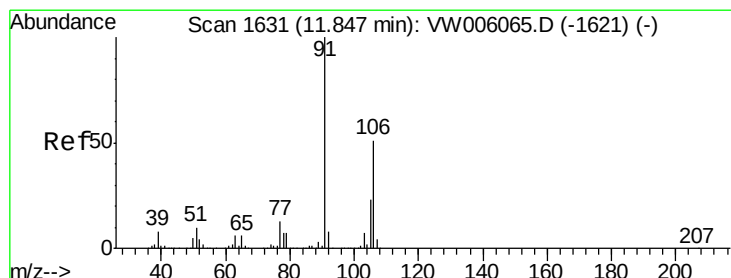
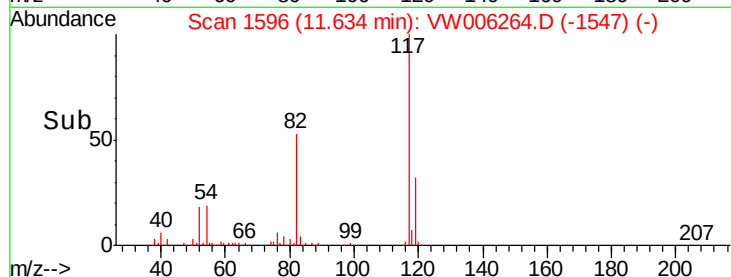
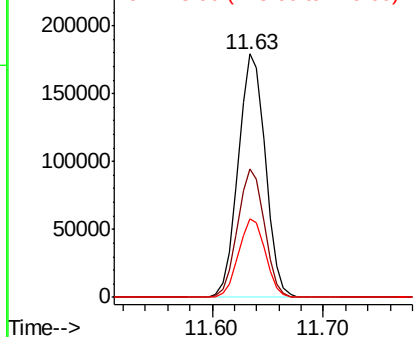


Abundance

Ion 116.90 (116.60 to 117.60): V

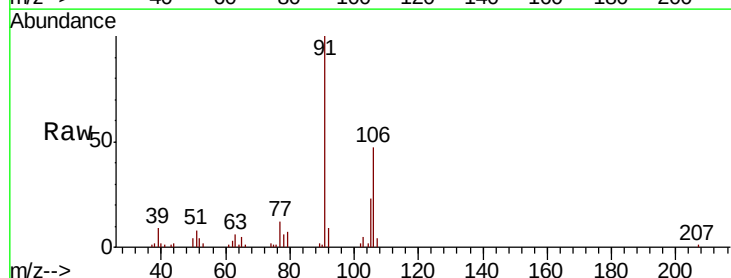
Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#68
m/p-Xylenes
Concen: 2.663 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006264.D
Acq: 22 Oct 2018 20:45

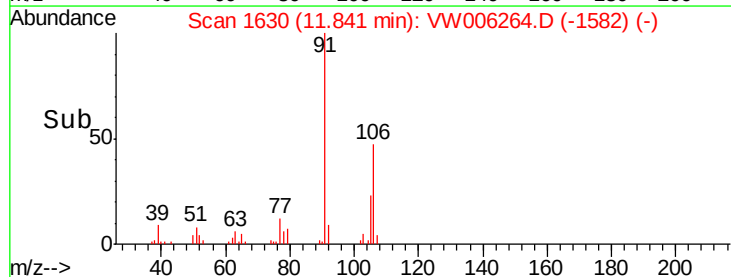
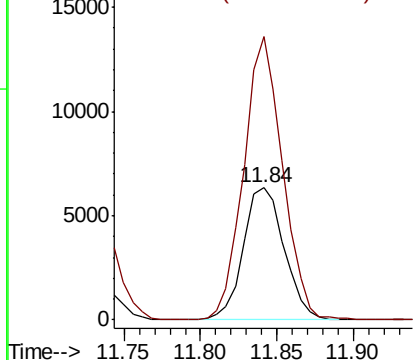
Tgt Ion	Ratio	Lower	Upper
106	100		
91	203.2	159.1	238.7

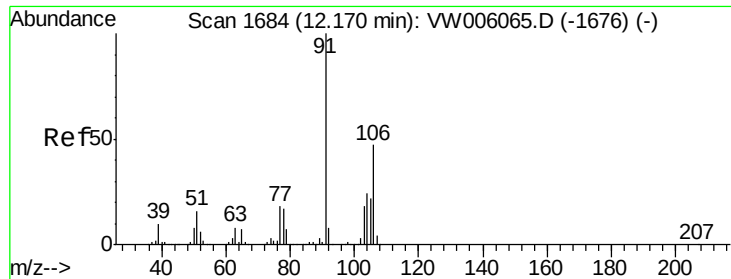


Abundance

Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

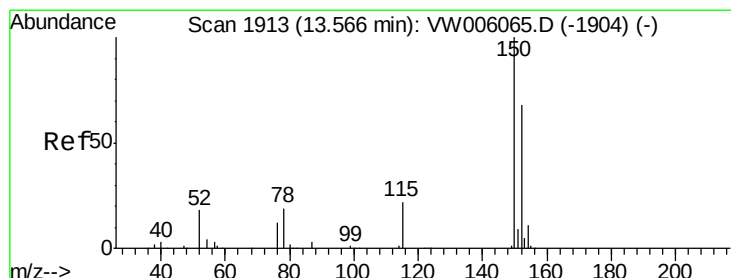
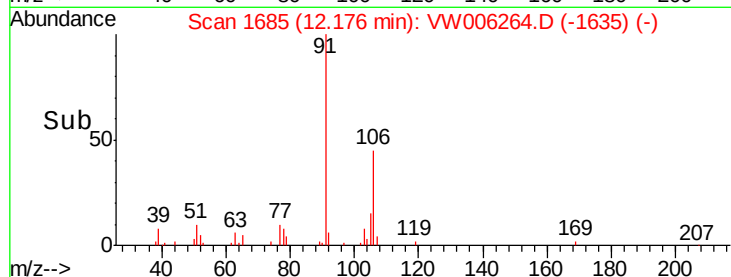
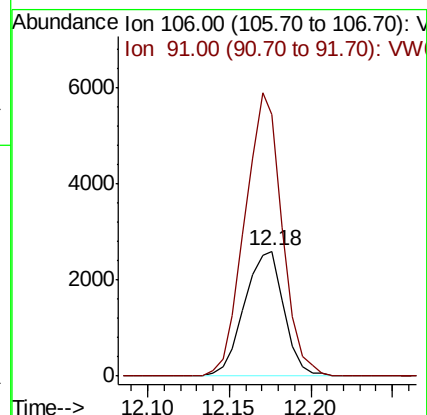
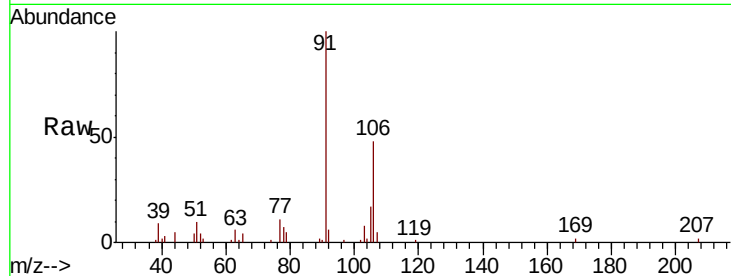




#69
o-Xylene
Concen: 1.035 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW006264.D
Acq: 22 Oct 2018 20:45

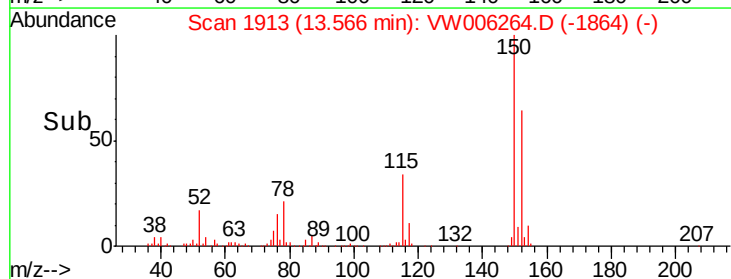
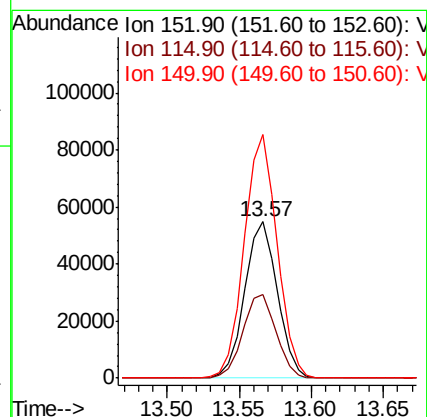
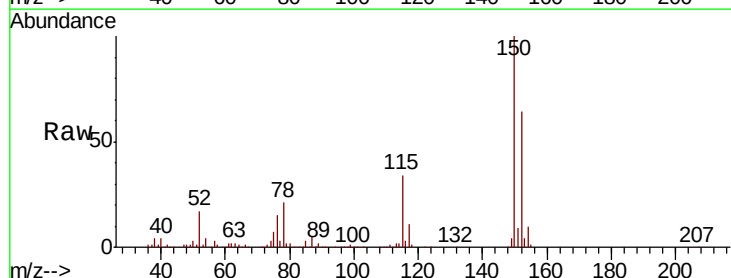
Instrument :
MSVOA_W
ClientSampleID :
DW-02

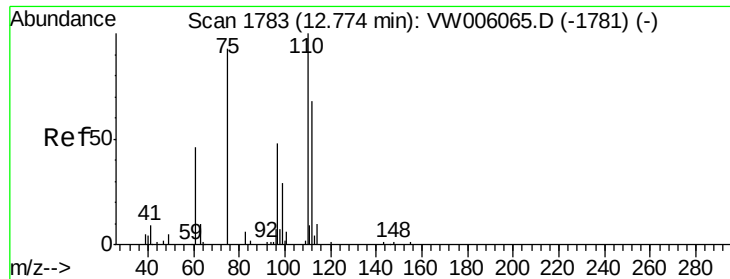
Tot Ion:106 Resp: 4371
Ion Ratio Lower Upper
106 100
91 214.6 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006264.D
Acq: 22 Oct 2018 20:45

Tgt Ion:152 Resp: 86088
Ion Ratio Lower Upper
152 100
115 54.6 27.8 83.3
150 156.7 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 49.530 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006264.D

Acq: 22 Oct 2018 20:45

Instrument :

MSVOA_W

ClientSampled :

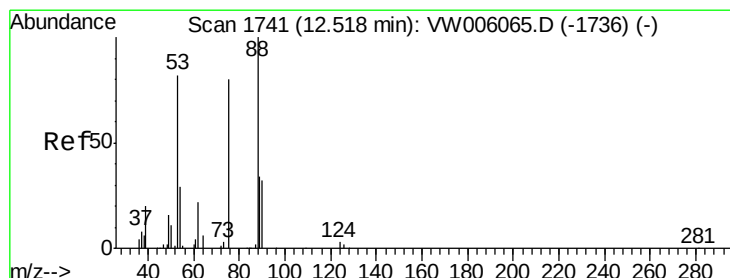
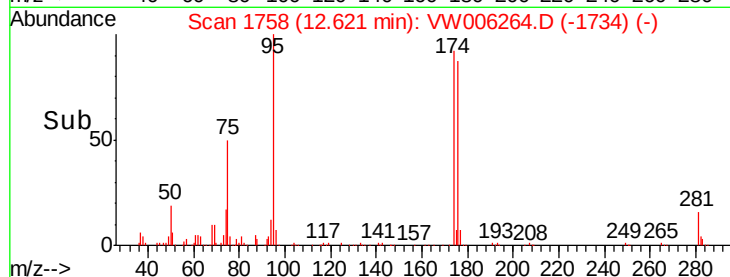
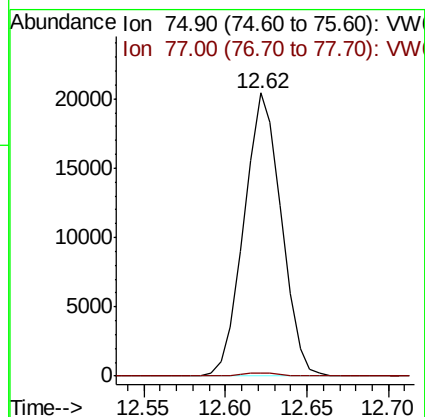
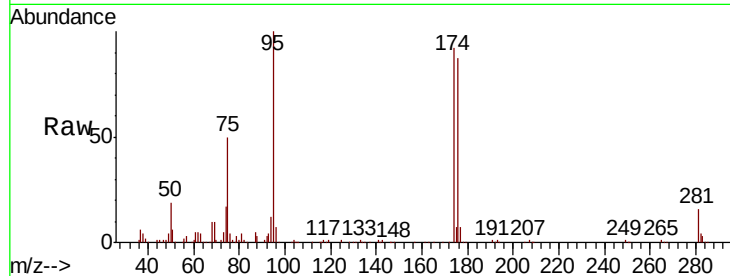
DW-02

Tot Ion: 75 Resp: 32568

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 118.396 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006264.D

Acq: 22 Oct 2018 20:45

Tgt Ion: 75 Resp: 32568

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

