

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006283.D
 Acq On : 23 Oct 2018 07:04
 Operator : VA/AP
 Sample : J5621-06
 Misc : 4.74G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SB-01B

Quant Time: Oct 23 08:34:19 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	225369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	321966	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	248132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	95326	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	59216	31.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	63.38%	
35) Dibromofluoromethane	7.88	113	59790	31.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	62.86%	
50) Toluene-d8	10.32	98	184847	25.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	51.08%	
62) 4-Bromofluorobenzene	12.62	95	53861	19.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	39.62%	

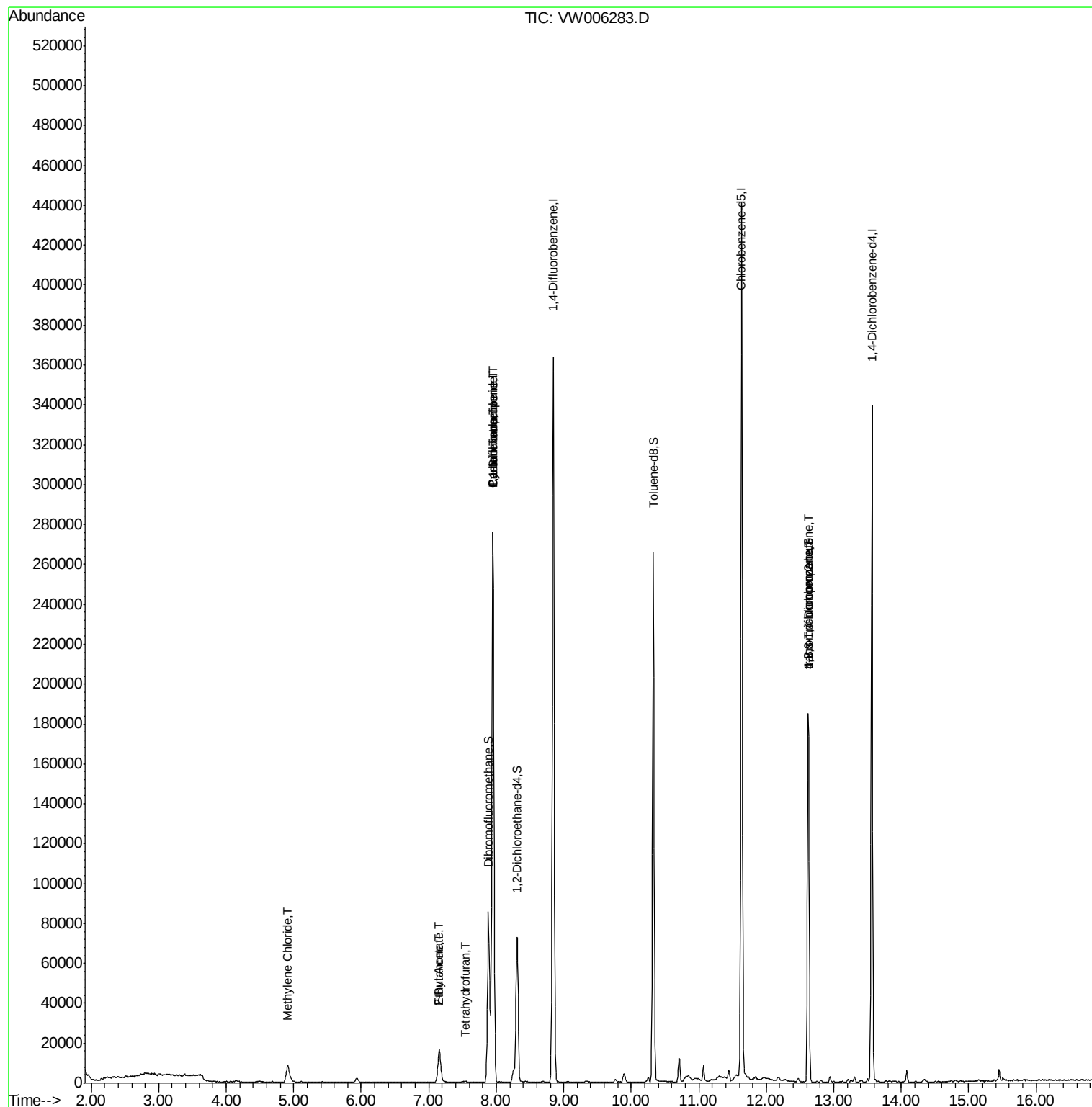
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	1721	Below Cal		90
20) Methylene Chloride	4.91	84	7584	2.283	ug/l #	86
25) 2-Butanone	7.15	43	1233	2.443	ug/l #	78
29) Tetrahydrofuran	7.53	42	338	1.089	ug/l #	50
31) Cyclohexane	7.95	56	4411	1.290	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	15098	5.088	ug/l #	47
37) Ethyl Acetate	7.15	43	1233	1.118	ug/l #	11
38) Carbon Tetrachloride	7.95	117	20135	6.189	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	27124	37.253	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	27124	89.049	ug/l #	10

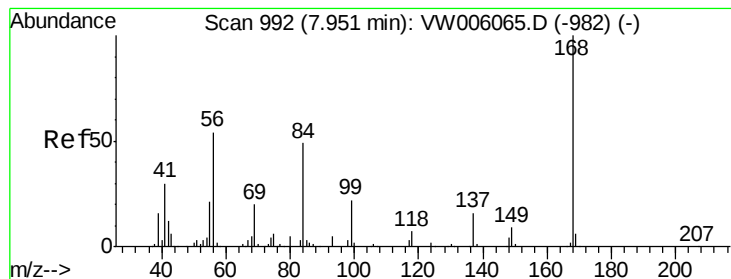
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102218\
Data File : VW006283.D
Acq On : 23 Oct 2018 07:04
Operator : VA/AP
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Misc : 4.74G/5ML/MSVOA W/SOIL
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ClientSampleId :
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Quant Time: Oct 23 08:34:19 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: VW006283.D

Acq: 23 Oct 2018 07:04

Instrument :

MSVOA_W

ClientSampleID :

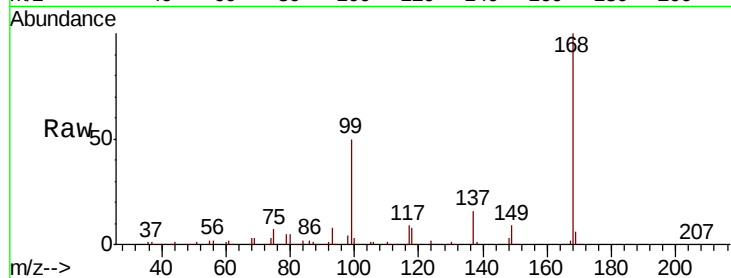
SA-SB-01B

Tot Ion:168 Resp: 225369

Ion Ratio Lower Upper

168 100

99 50.1 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

100000

80000

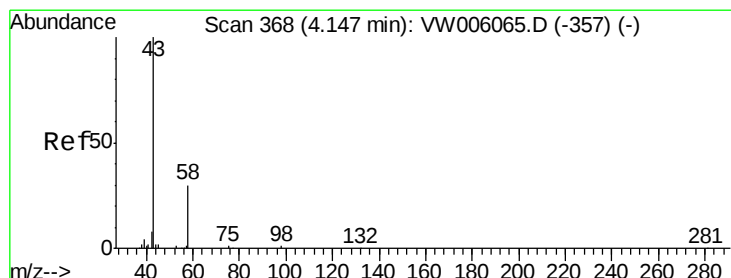
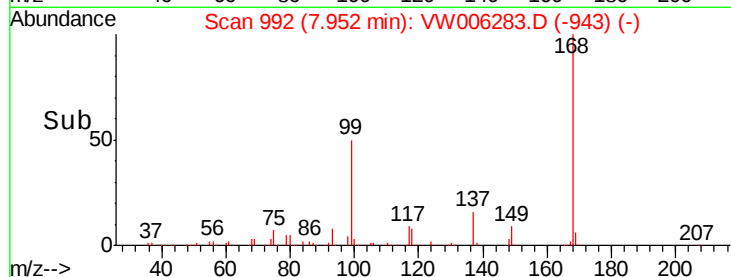
60000

40000

20000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006283.D

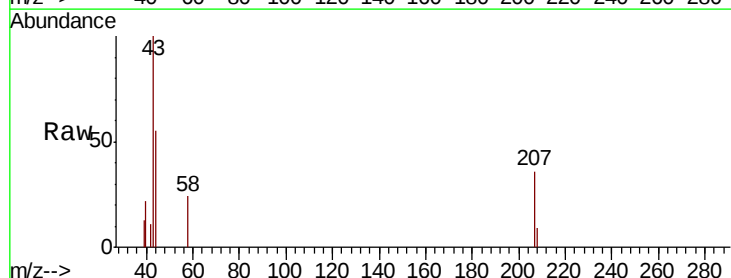
Acq: 23 Oct 2018 07:04

Tgt Ion: 43 Resp: 1721

Ion Ratio Lower Upper

43 100

58 24.4 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

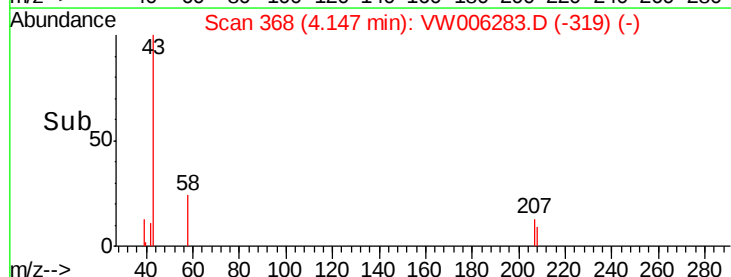
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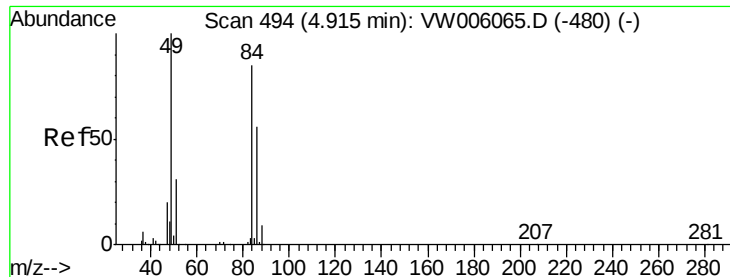
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200

0

Time-->

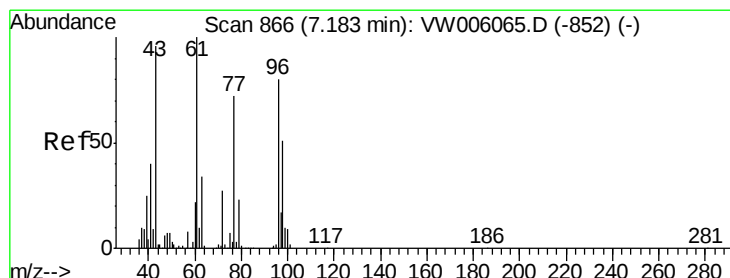
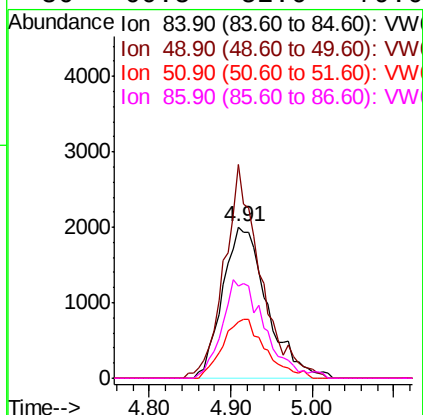
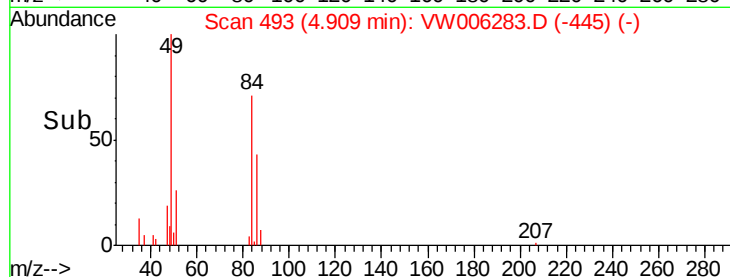
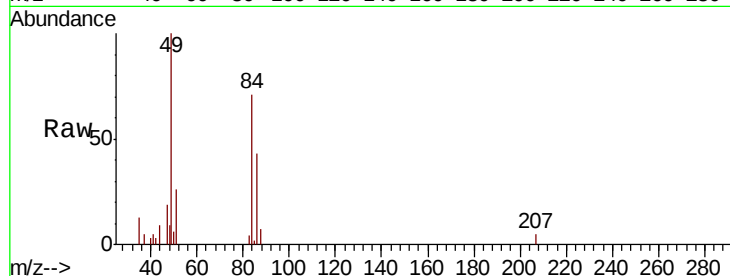




#20
Methvlene Chloride
Concen: 2.283 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006283.D
Acq: 23 Oct 2018 07:04

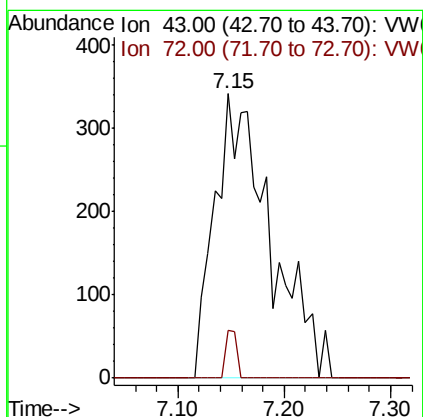
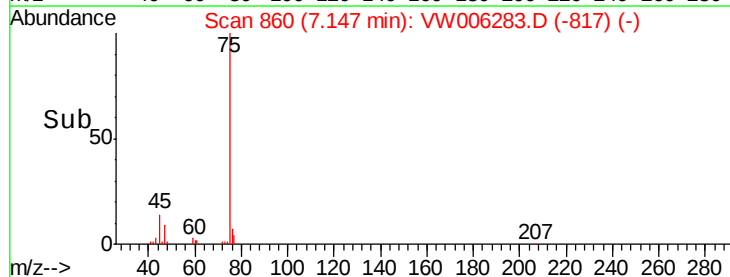
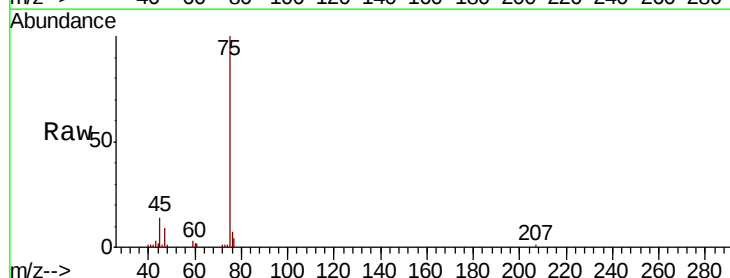
Instrument :
MSVOA_W
ClientSampleId :
SA-SB-01B

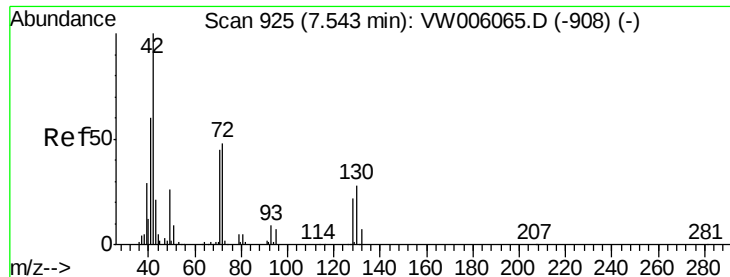
Tot Ion: 84 Resp: 7584
Ion Ratio Lower Upper
84 100
49 141.1 93.6 140.4#
51 37.1 29.0 43.4
86 60.5 52.6 79.0



#25
2-Butanone
Concen: 2.443 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.04 min
Lab File: VW006283.D
Acq: 23 Oct 2018 07:04

Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
72 16.7 22.8 34.2#

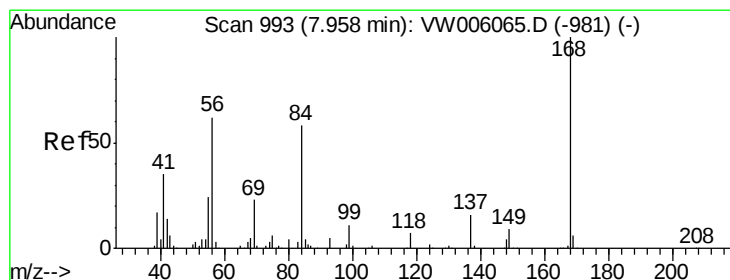
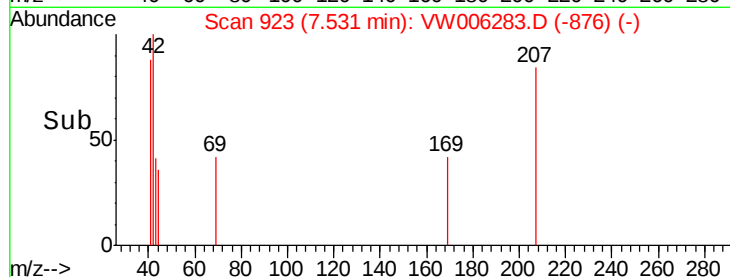
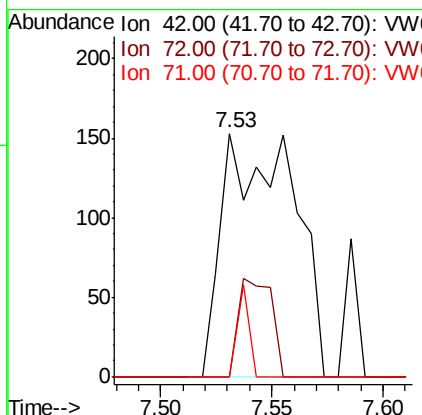
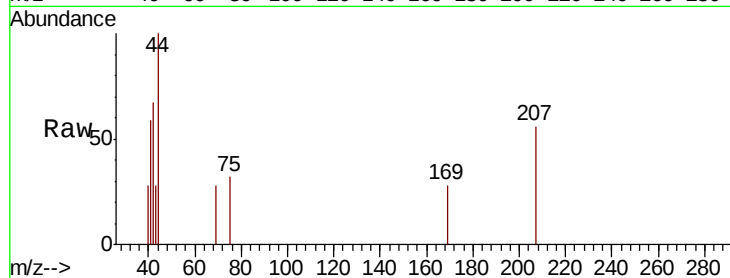




#29
Tetrahydrofuran
Concen: 1.089 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006283.D
Acq: 23 Oct 2018 07:04

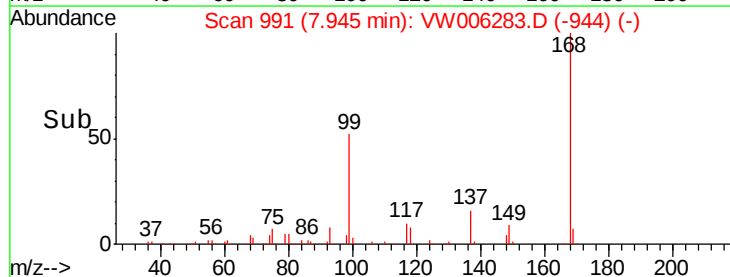
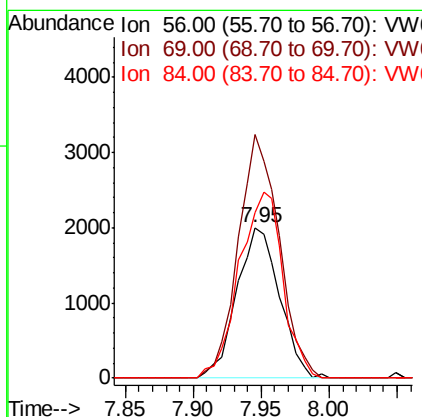
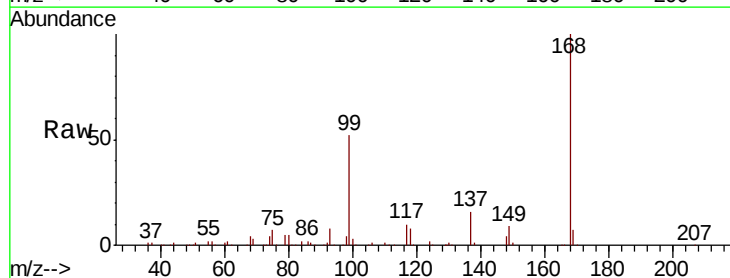
Instrument :
MSVOA_W
ClientSampleId :
SA-SB-01B

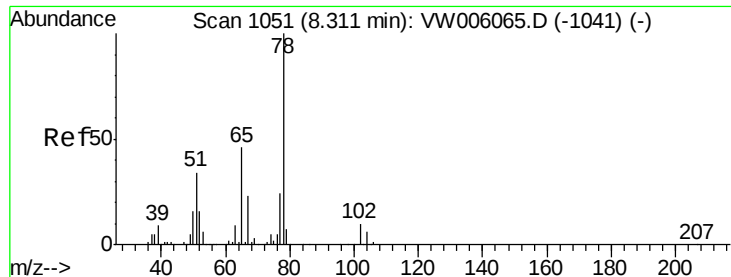
Tot Ion	Ratio	Lower	Upper
42	100		
72	18.9	38.0	57.0#
71	6.2	35.3	52.9#



#31
Cyclohexane
Concen: 1.290 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006283.D
Acq: 23 Oct 2018 07:04

Tgt Ion	Ratio	Lower	Upper
56	100		
69	161.7	29.4	44.0#
84	110.3	74.0	111.0

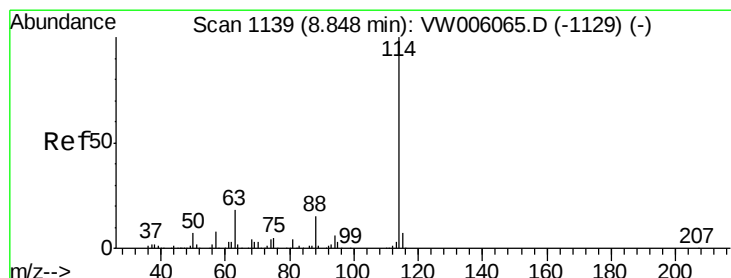
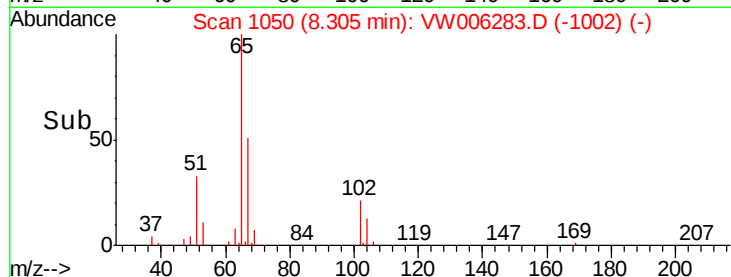
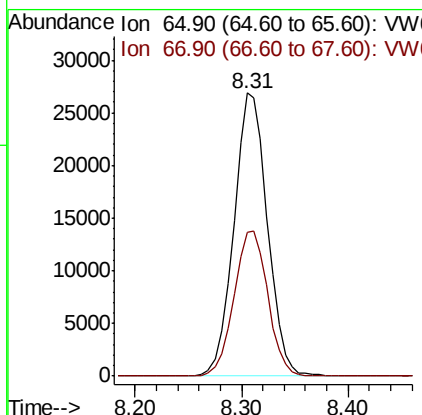
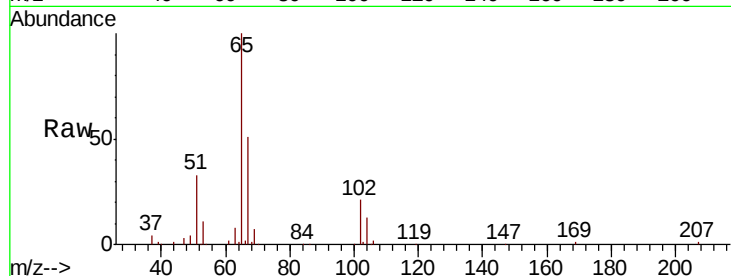




#33
 1,2-Dichloroethane-d4
 Concen: 31.693 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006283.D
 Acq: 23 Oct 2018 07:04

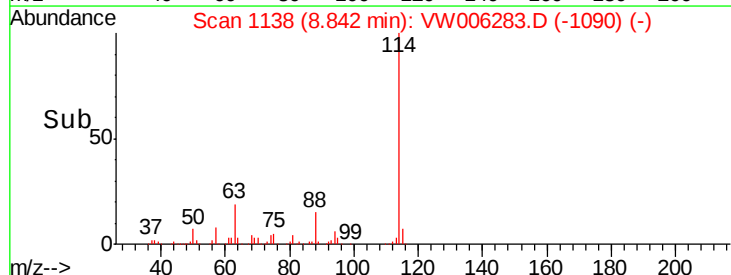
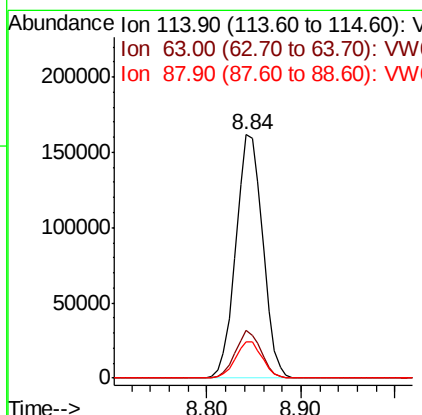
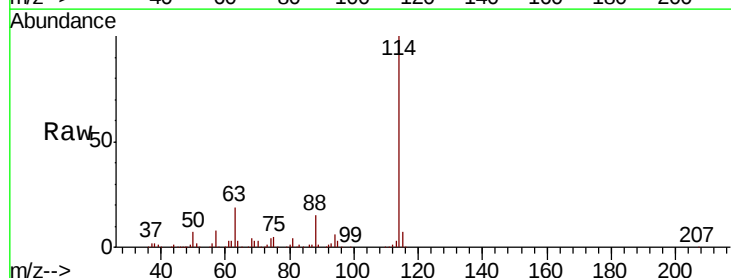
Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SB-01B

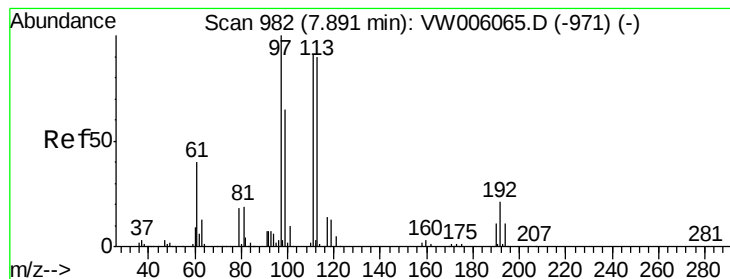
Tot Ion: 65 Resp: 59216
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006283.D
 Acq: 23 Oct 2018 07:04

Tgt Ion: 114 Resp: 321966
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 36.8
 88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 31.427 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006283.D

Acq: 23 Oct 2018 07:04

Instrument :

MSVOA_W

ClientSampleId :

SA-SB-01B

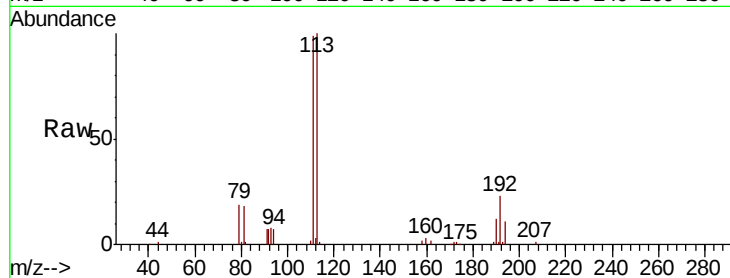
Tot Ion:113 Resp: 59790

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

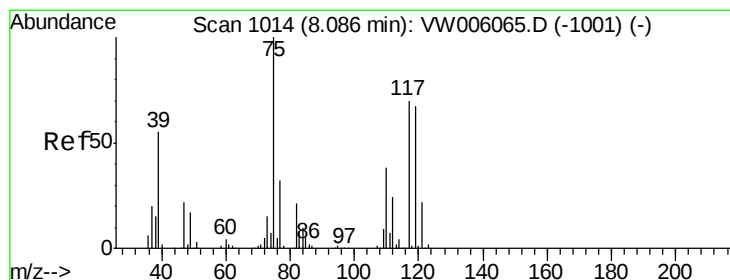
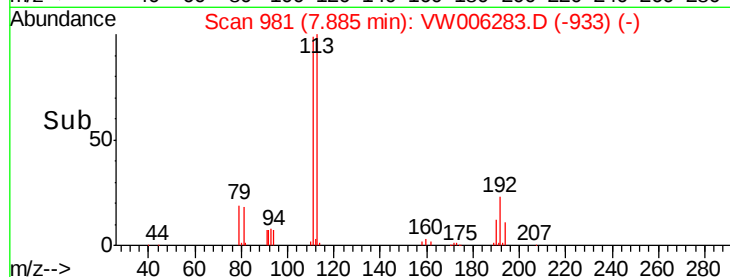
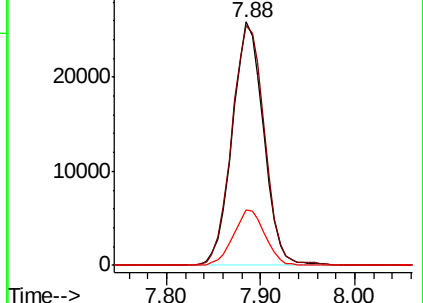
192 23.0 18.7 28.1



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



#36

1,1-Dichloropropene

Concen: 5.088 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006283.D

Acq: 23 Oct 2018 07:04

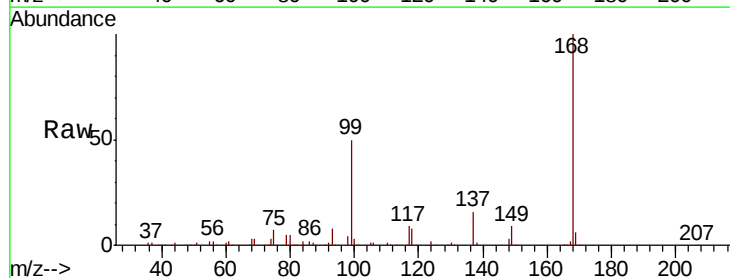
Tgt Ion: 75 Resp: 15098

Ion Ratio Lower Upper

75 100

110 7.8 19.1 57.1#

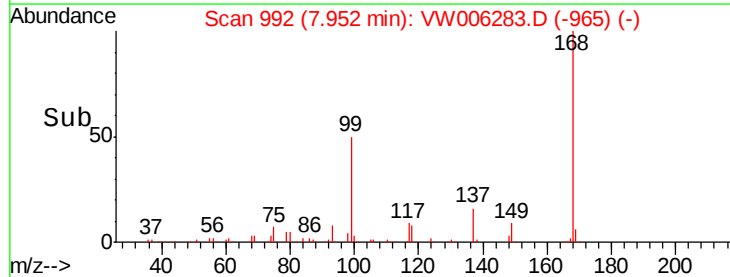
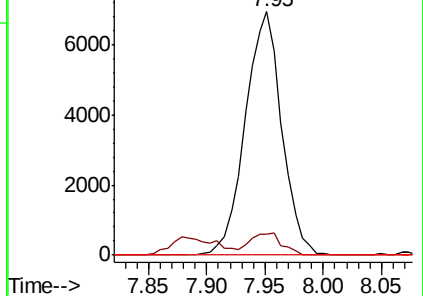
77 0.0 25.0 37.4#

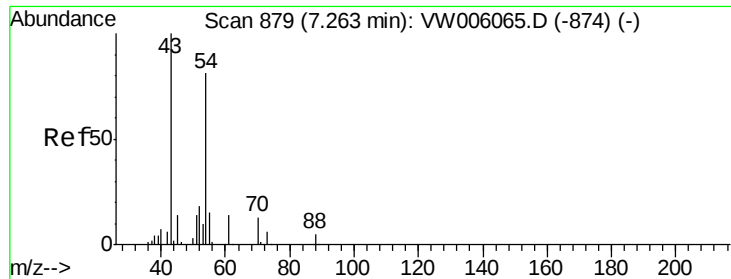


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

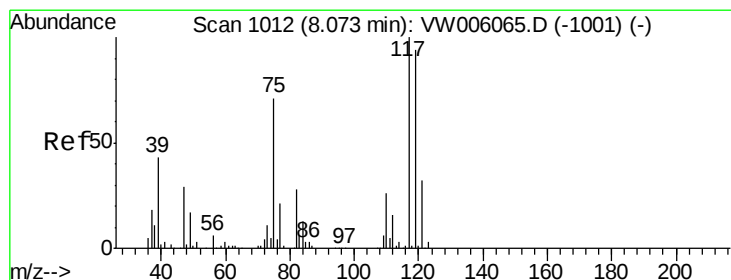
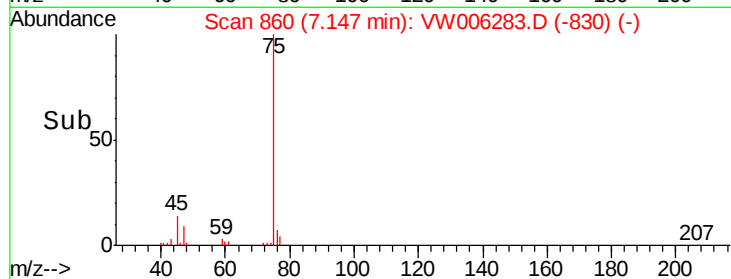
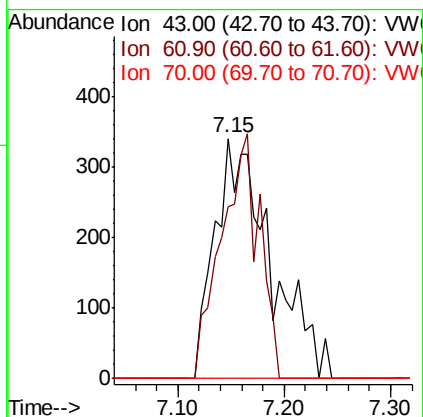
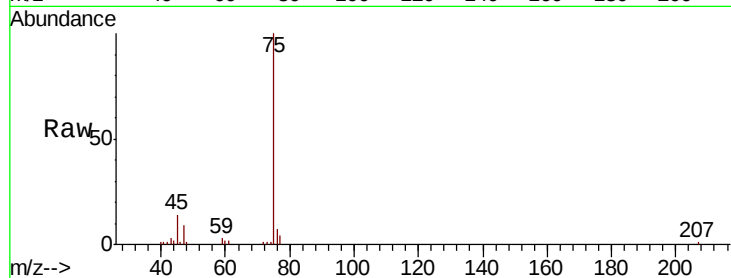




#37
Ethyl Acetate
Concen: 1.118 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.12 min
Lab File: VW006283.D
Acq: 23 Oct 2018 07:04

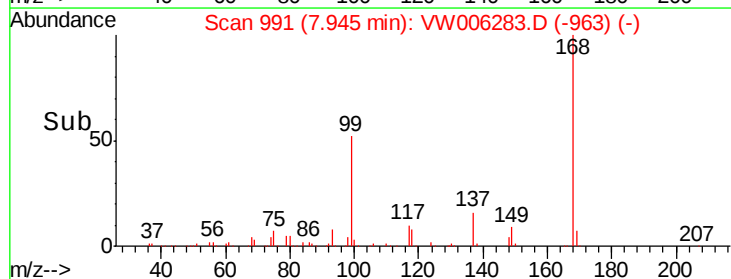
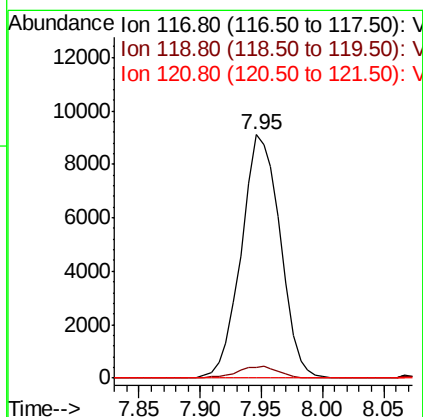
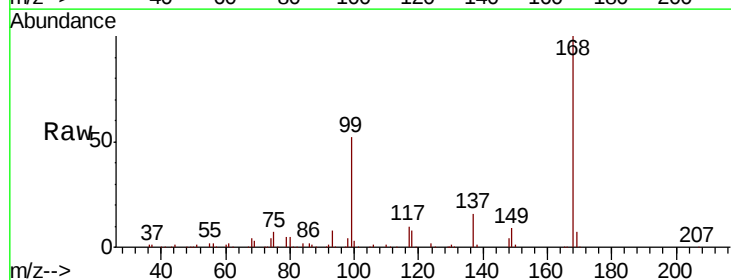
Instrument :
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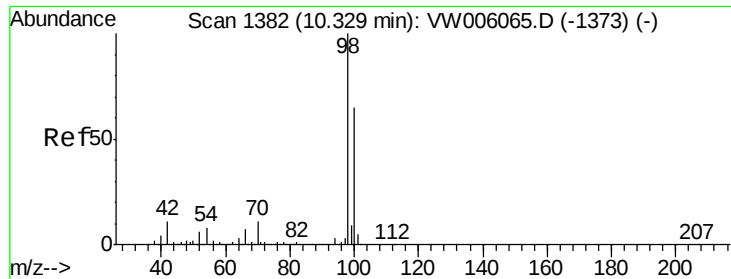
Tot Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
61 70.2 11.5 17.3#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 6.189 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006283.D
Acq: 23 Oct 2018 07:04

Tgt Ion: 117 Resp: 20135
Ion Ratio Lower Upper
117 100
119 4.2 75.2 112.8#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 25.538 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006283.D

Acq: 23 Oct 2018 07:04

Instrument :

MSVOA_W

ClientSampleId :

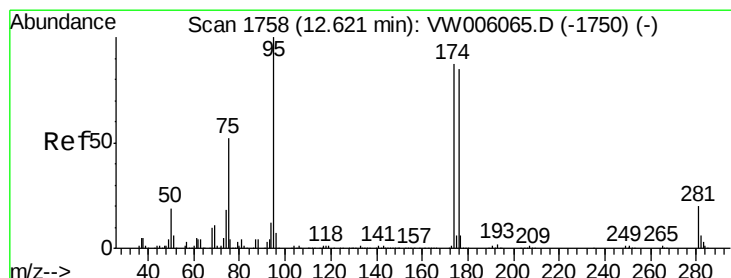
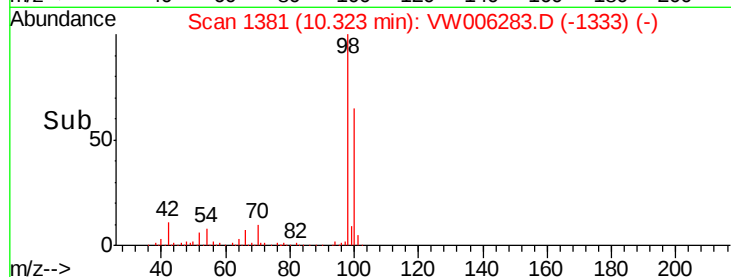
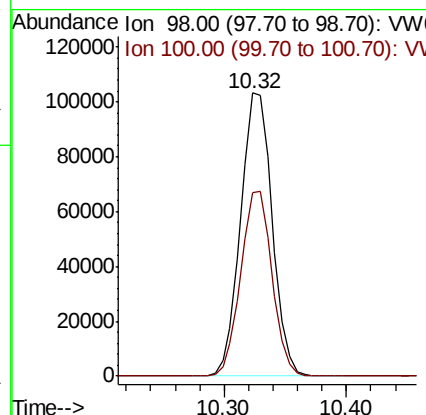
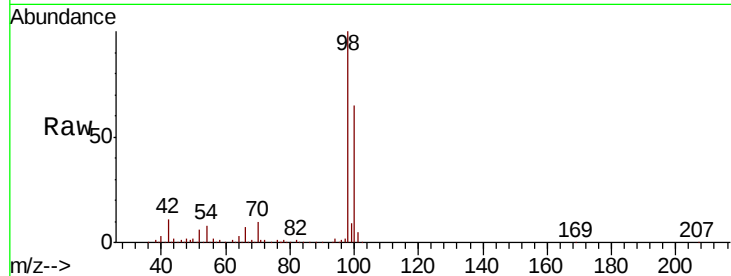
SA-SB-01B

Tot Ion: 98 Resp: 184847

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 19.813 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006283.D

Acq: 23 Oct 2018 07:04

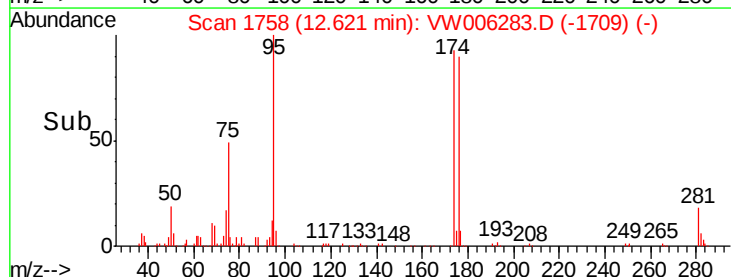
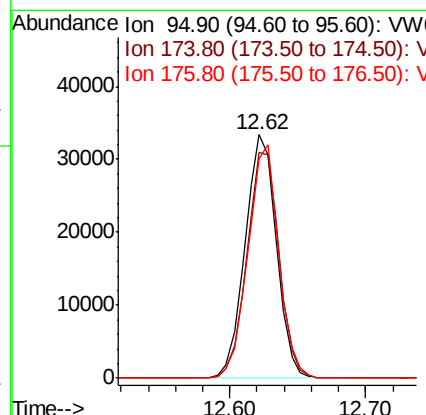
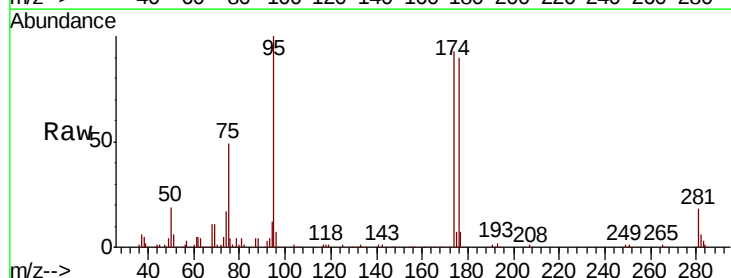
Tgt Ion: 95 Resp: 53861

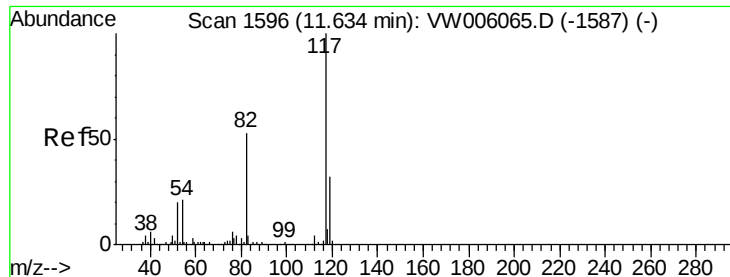
Ion Ratio Lower Upper

95 100

174 94.8 0.0 186.0

176 93.9 0.0 181.6

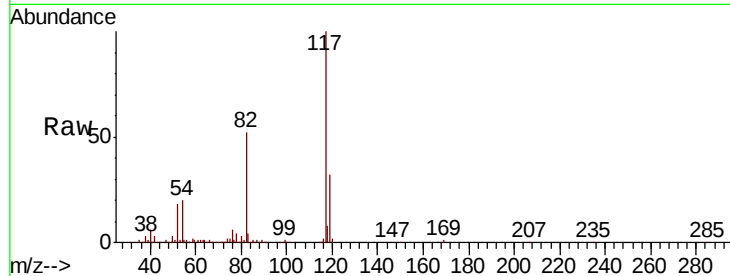




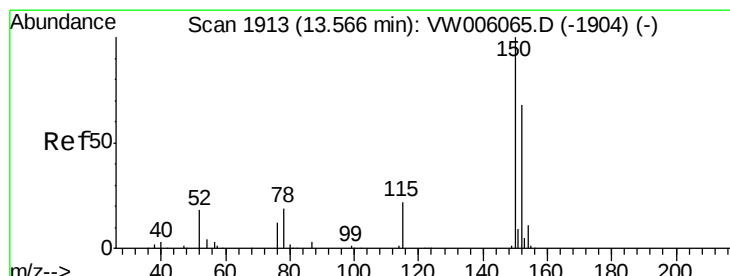
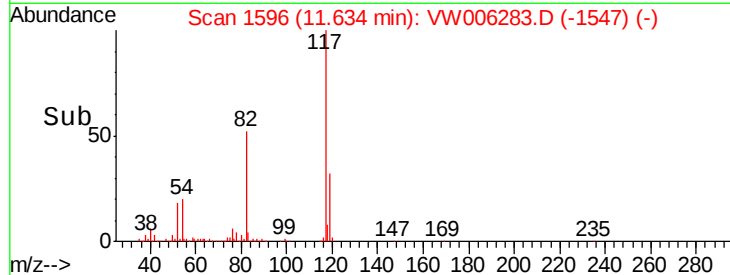
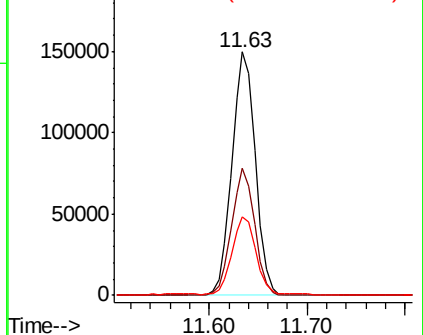
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006283.D
Acq: 23 Oct 2018 07:04

Instrument :
MSVOA_W
ClientSampleId :
SA-SB-01B

Tot Ion:117 Resp: 248132
Ion Ratio Lower Upper
117 100
82 52.0 42.1 63.1
119 32.2 25.8 38.6

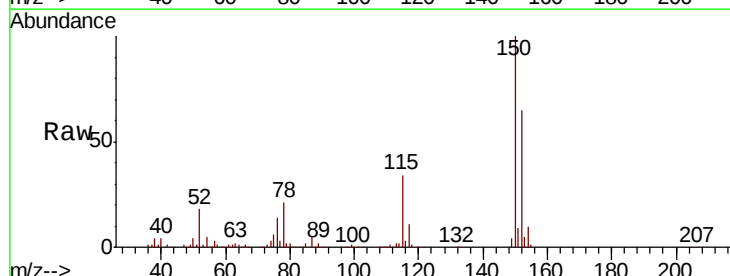


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

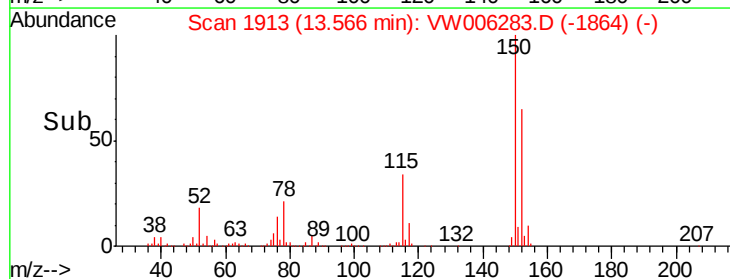
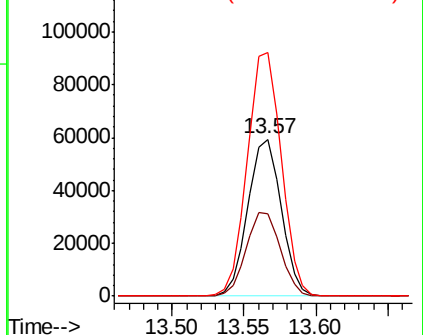


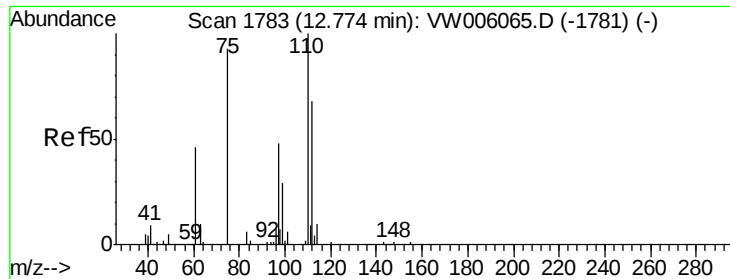
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006283.D
Acq: 23 Oct 2018 07:04

Tgt Ion:152 Resp: 95326
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.3
150 157.6 0.0 349.2



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: 37.253 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006283.D

Acq: 23 Oct 2018 07:04

Instrument :

MSVOA_W

ClientSampleId :

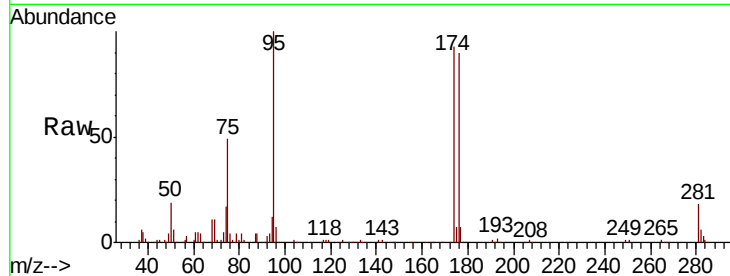
SA-SB-01B

Tot Ion: 75 Resp: 27124

Ion Ratio Lower Upper

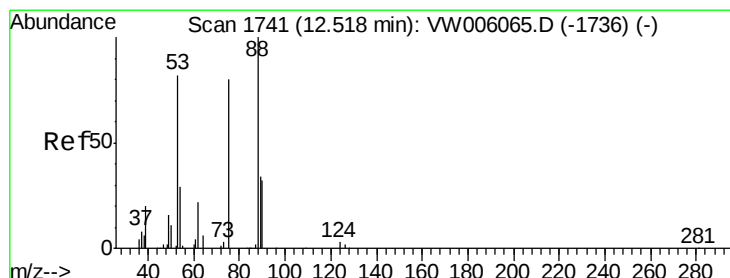
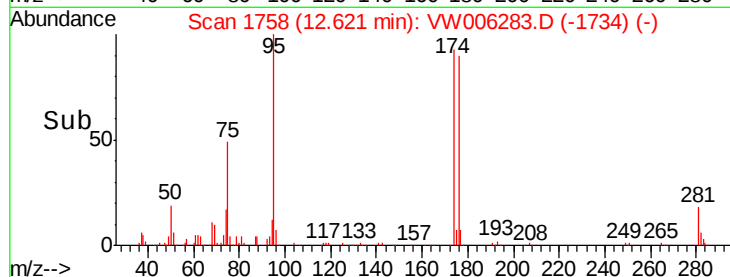
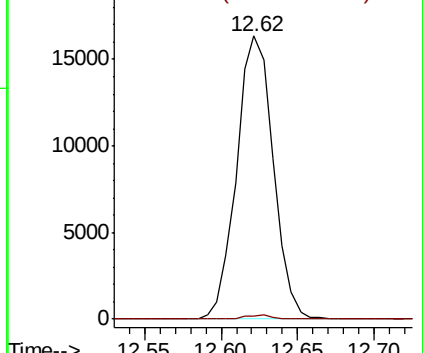
75 100

77 1.0 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: 89.049 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006283.D

Acq: 23 Oct 2018 07:04

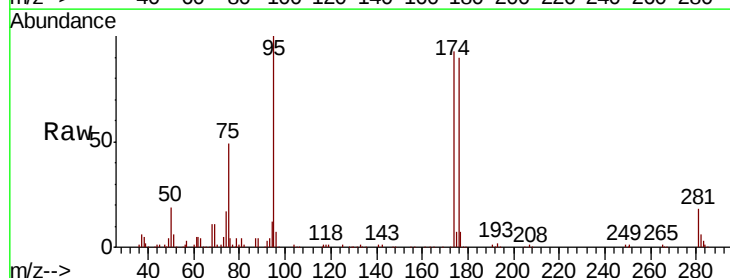
Tgt Ion: 75 Resp: 27124

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

