

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006473.D
 Acq On : 30 Oct 2018 01:26
 Operator : SY/AP
 Sample : J5624-09
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01A

Quant Time: Oct 30 05:40:36 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	140495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	211810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	140856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	34624	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	87896	75.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.92%	
35) Dibromofluoromethane	7.88	113	84930	67.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.72%	
50) Toluene-d8	10.33	98	228663	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
62) 4-Bromofluorobenzene	12.62	95	43805	24.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.98%	

Target Compounds

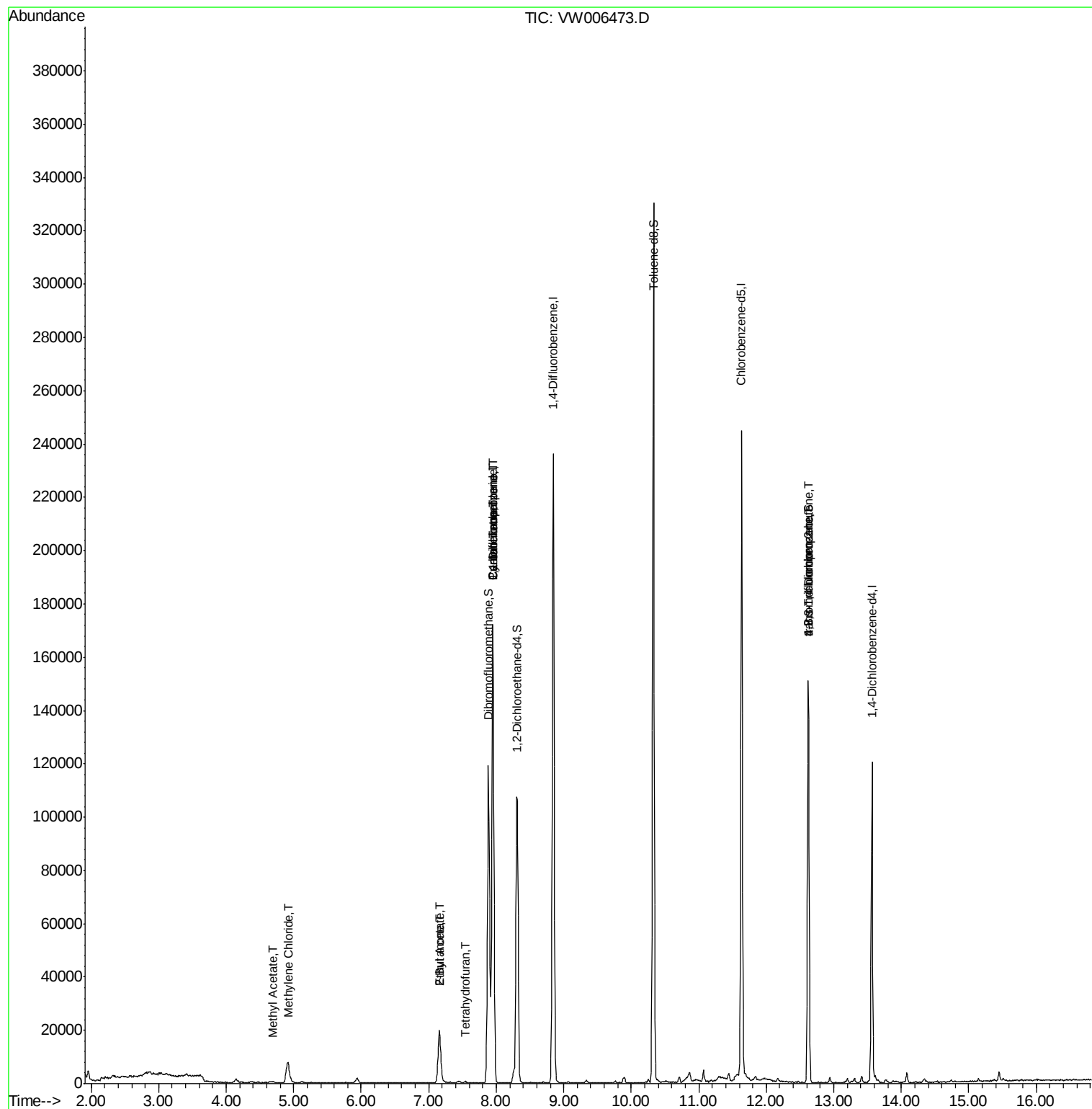
					Qvalue
16) Acetone	4.15	43	2623	Below Cal	92
18) Methyl Acetate	4.69	43	657	1.121 ug/l #	49
20) Methylene Chloride	4.91	84	6849	4.062 ug/l	86
25) 2-Butanone	7.16	43	1393	4.427 ug/l #	72
29) Tetrahydrofuran	7.54	42	336	1.737 ug/l #	51
31) Cyclohexane	7.95	56	2607	1.223 ug/l #	30
36) 1,1-Dichloropropene	7.95	75	8978	4.599 ug/l #	47
37) Ethyl Acetate	7.16	43	1393	1.920 ug/l #	21
38) Carbon Tetrachloride	7.95	117	12155	5.679 ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	22526	85.178 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	22526	203.608 ug/l #	10

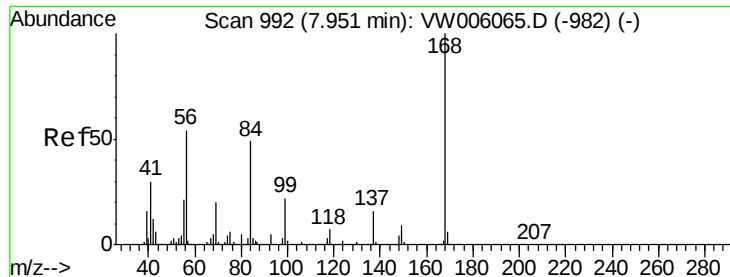
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 30 05:40:36 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: VW006473.D

Acq: 30 Oct 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

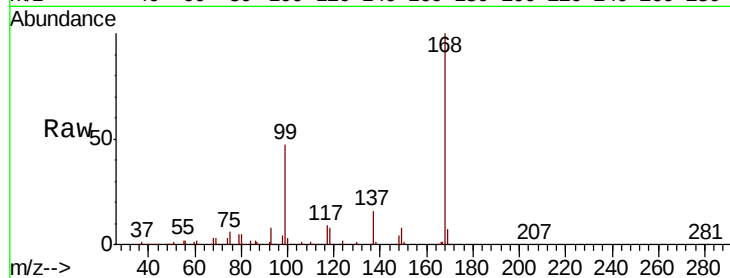
PA-SB-01A

Tot Ion:168 Resp: 140495

Ion Ratio Lower Upper

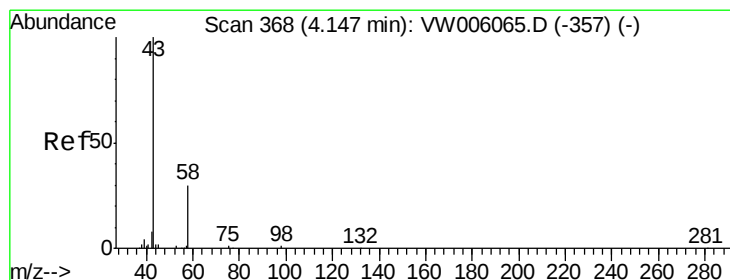
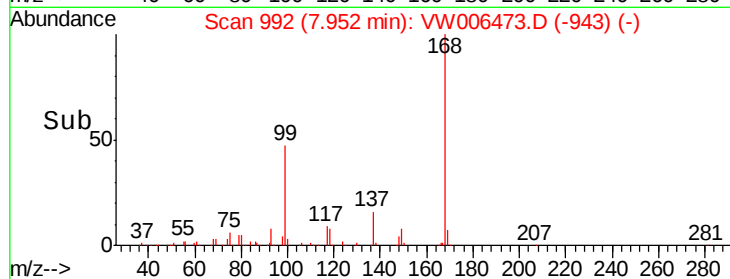
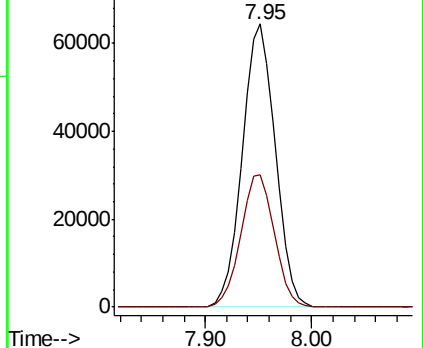
168 100

99 46.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006473.D

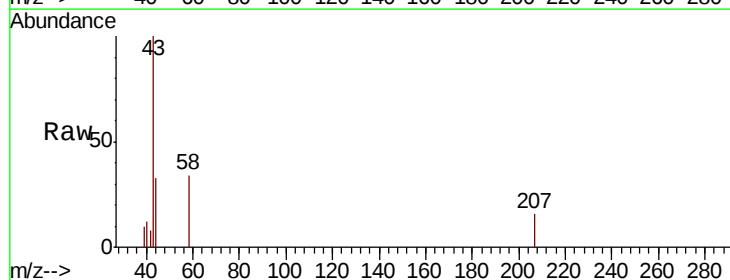
Acq: 30 Oct 2018 01:26

Tgt Ion: 43 Resp: 2623

Ion Ratio Lower Upper

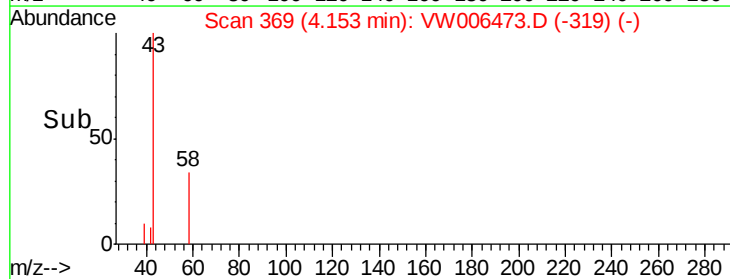
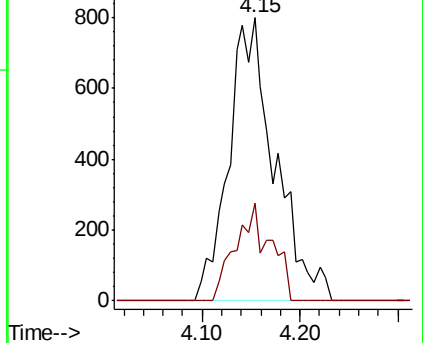
43 100

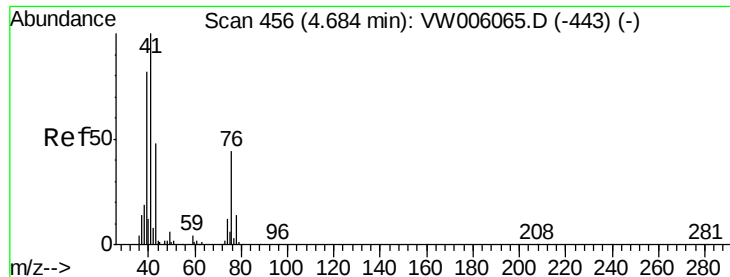
58 34.4 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

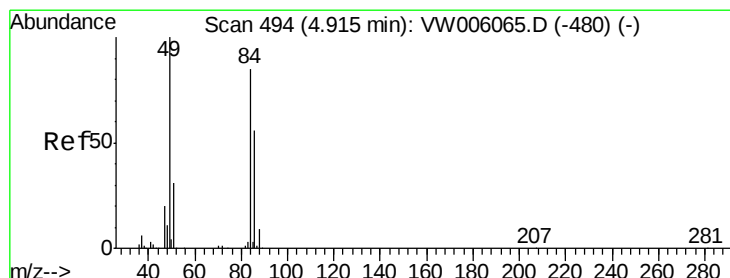
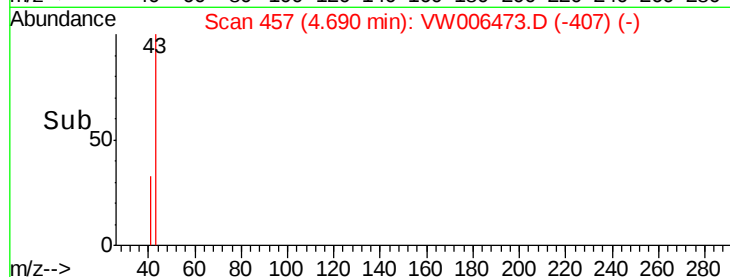
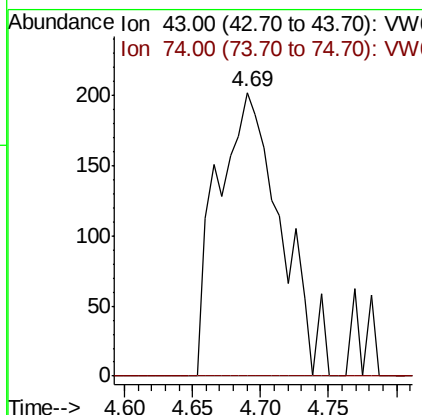
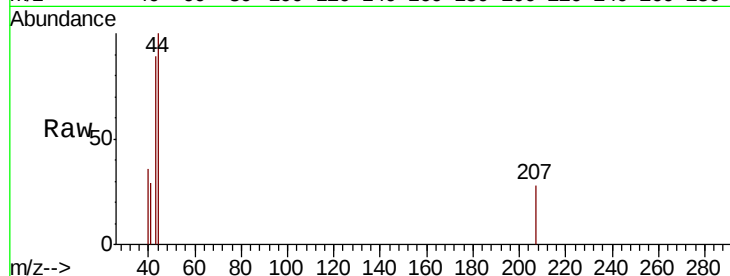




#18
Methyl Acetate
Concen: 1.121 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW006473.D
Acq: 30 Oct 2018 01:26

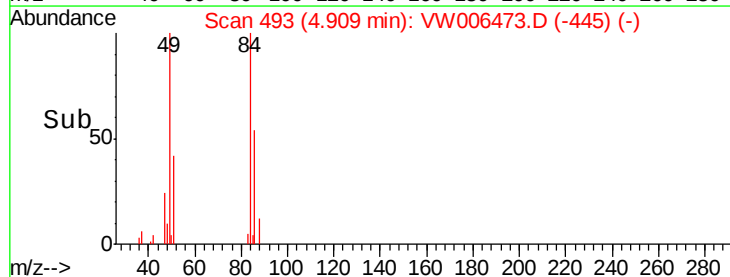
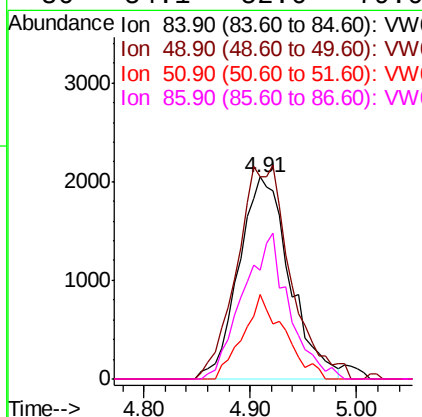
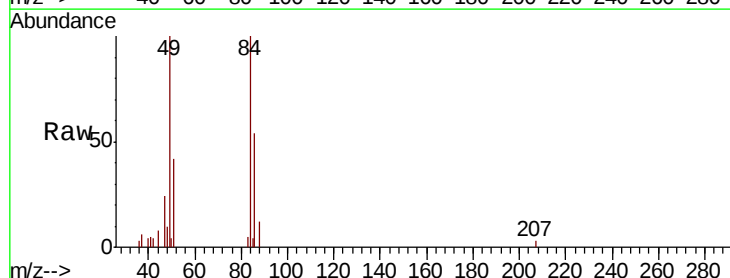
Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01A

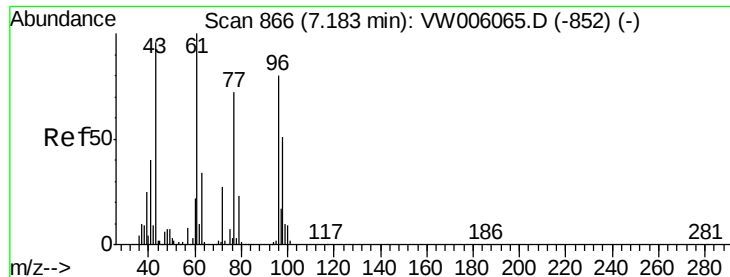
Tot Ion: 43 Resp: 657
Ion Ratio Lower Upper
43 100
74 0.0 20.5 30.7#



#20
Methylene Chloride
Concen: 4.062 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006473.D
Acq: 30 Oct 2018 01:26

Tgt Ion: 84 Resp: 6849
Ion Ratio Lower Upper
84 100
49 100.3 93.6 140.4
51 41.7 29.0 43.4
86 54.1 52.6 79.0





#25

2-Butanone

Concen: 4.427 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006473.D

Acq: 30 Oct 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

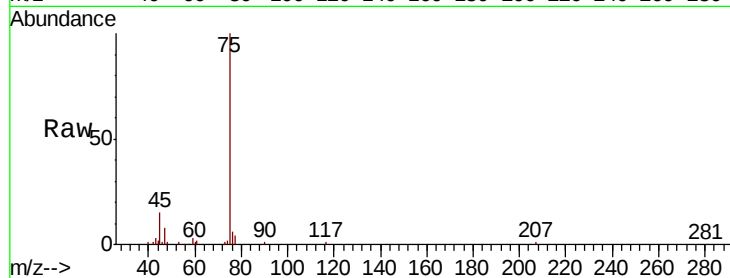
PA-SB-01A

Tot Ion: 43 Resp: 1393

Ion Ratio Lower Upper

43 100

72 13.8 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.16

400

300

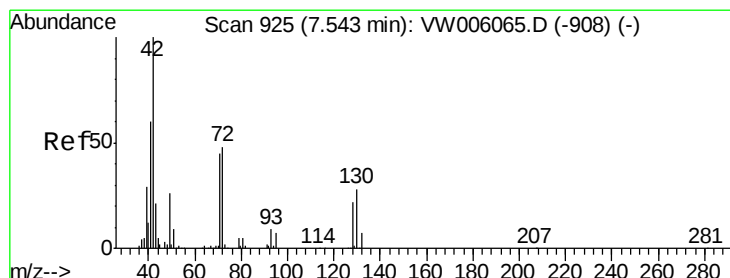
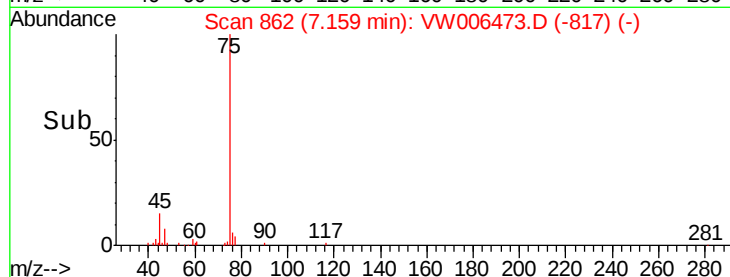
200

100

0

7.10 7.20

Time-->



#29

Tetrahydrofuran

Concen: 1.737 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: VW006473.D

Acq: 30 Oct 2018 01:26

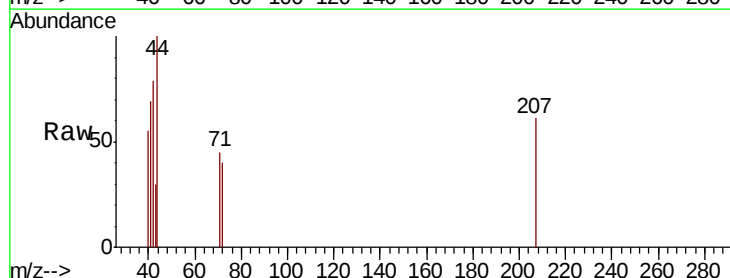
Tgt Ion: 42 Resp: 336

Ion Ratio Lower Upper

42 100

72 8.6 38.0 57.0#

71 19.0 35.3 52.9#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

7.54

200

150

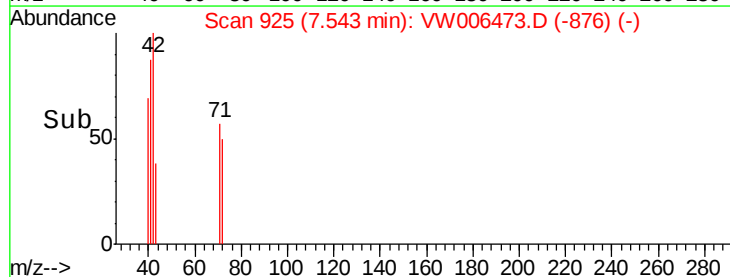
100

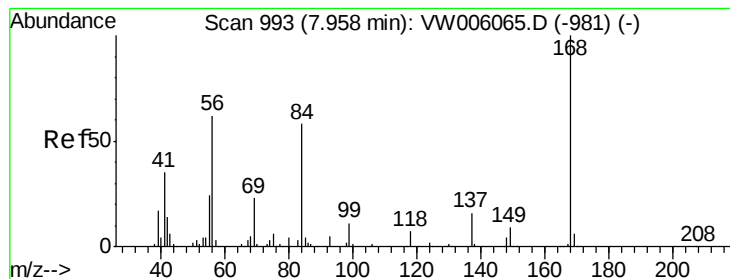
50

0

7.50 7.55 7.60

Time-->





#31

Cyclohexane

Concen: 1.223 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006473.D

Acq: 30 Oct 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01A

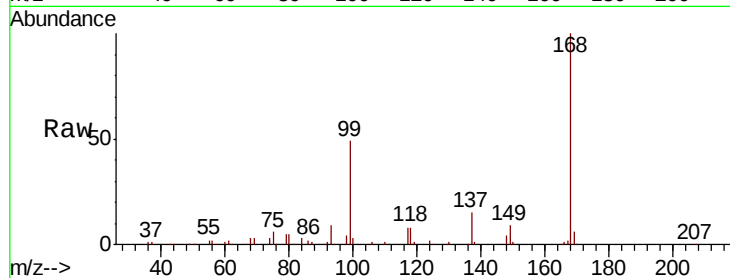
Tot Ion: 56 Resp: 2607

Ion Ratio Lower Upper

56 100

69 144.2 29.4 44.0#

84 117.7 74.0 111.0#

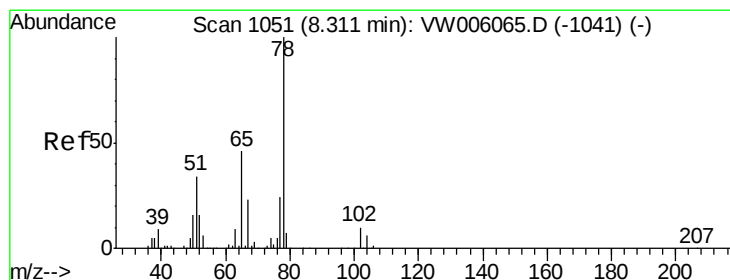
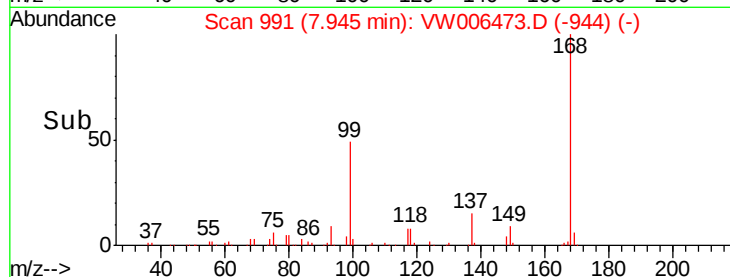
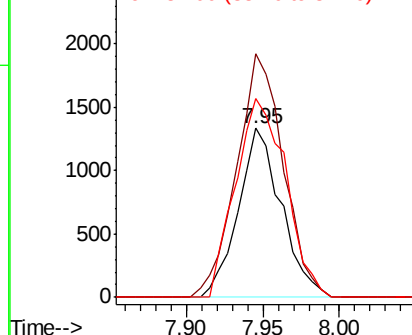


Abundance

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: 75.461 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006473.D

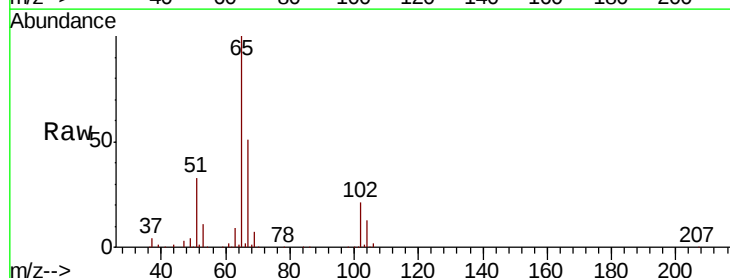
Acq: 30 Oct 2018 01:26

Tgt Ion: 65 Resp: 87896

Ion Ratio Lower Upper

65 100

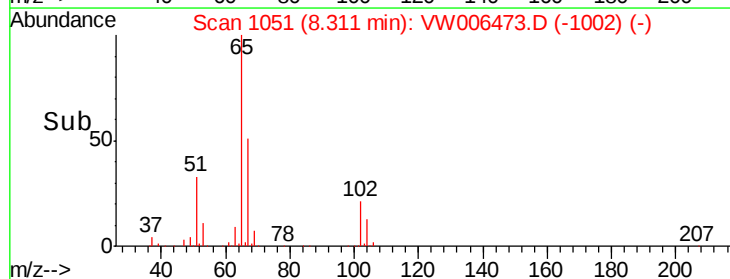
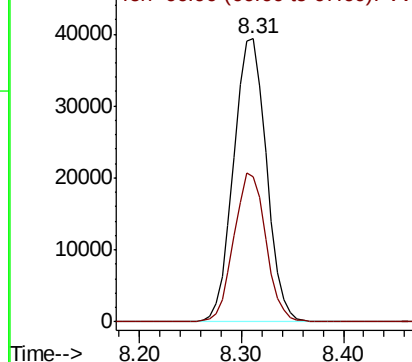
67 51.2 0.0 101.0

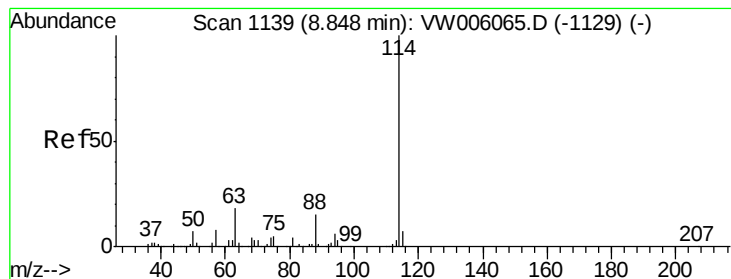


Abundance

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: VW006473.D

Acq: 30 Oct 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01A

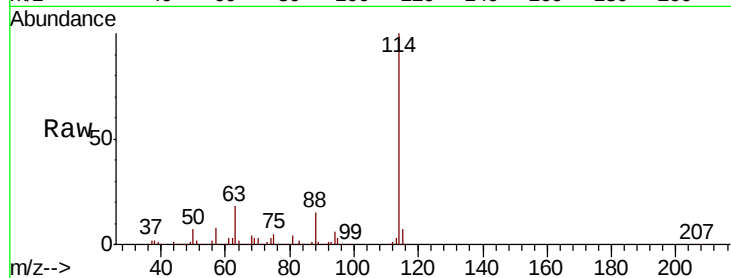
Tot Ion:114 Resp: 211810

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

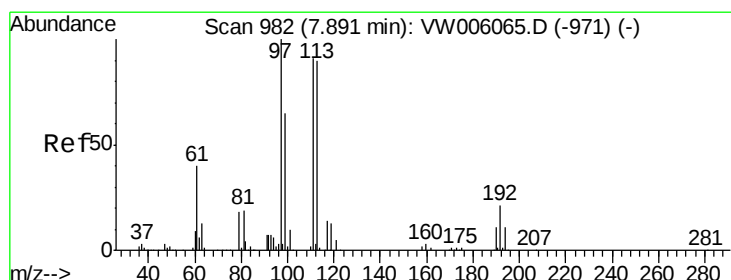
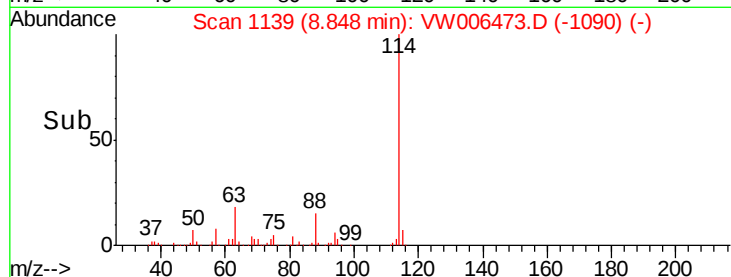
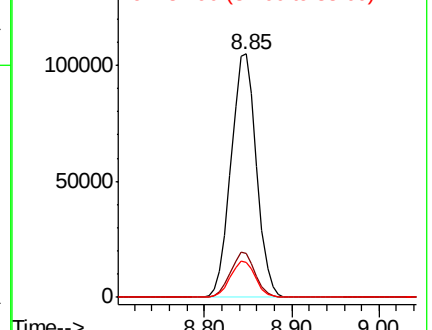
88 14.6 0.0 29.0



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: 67.859 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006473.D

Acq: 30 Oct 2018 01:26

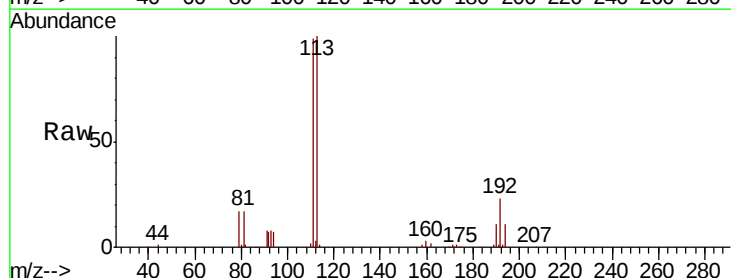
Tgt Ion:113 Resp: 84930

Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.0

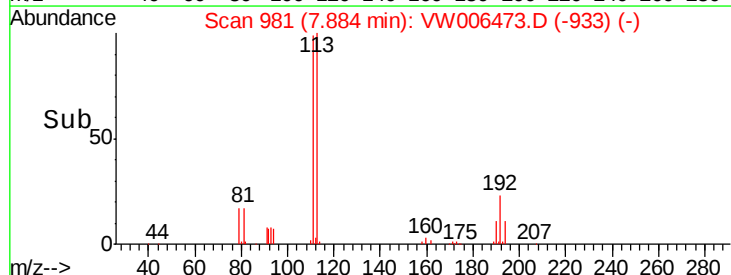
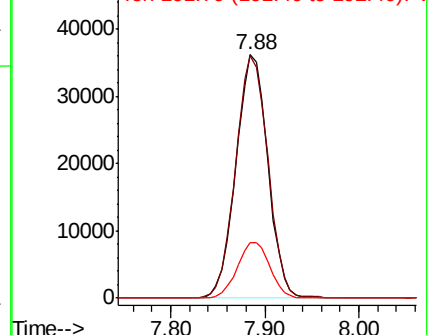
192 23.5 18.7 28.1

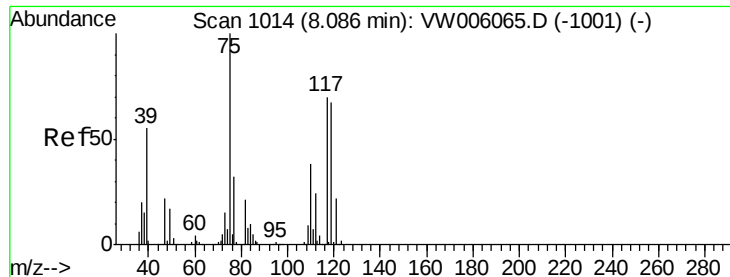


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

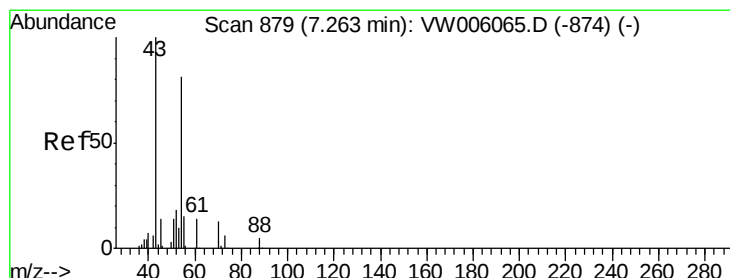
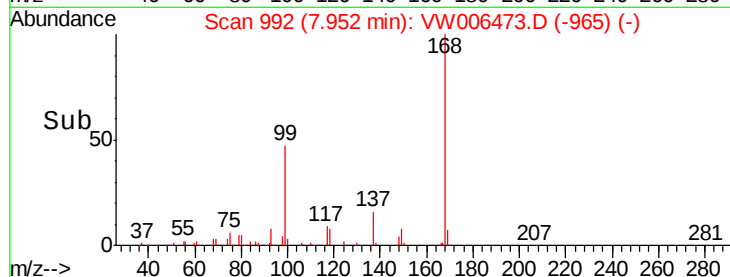
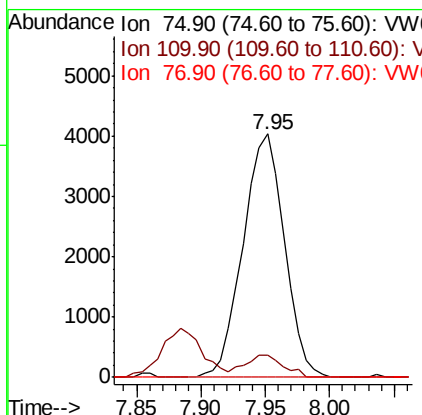
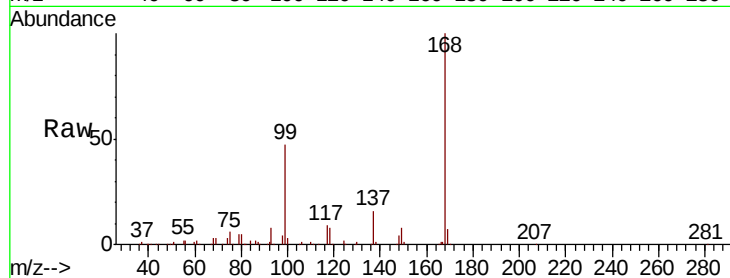




#36
 1,1-Dichloropropene
 Concen: 4.599 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006473.D
 Acq: 30 Oct 2018 01:26

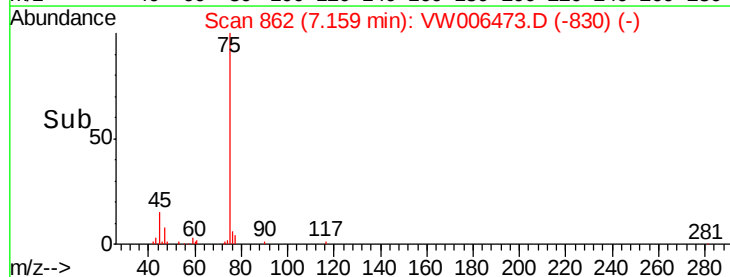
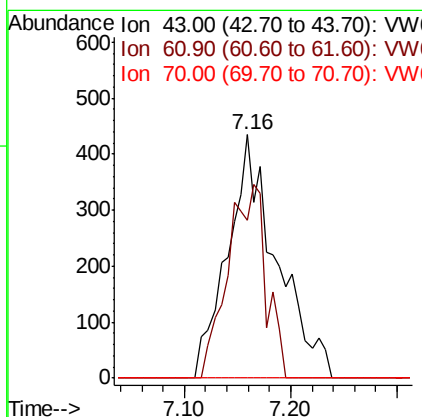
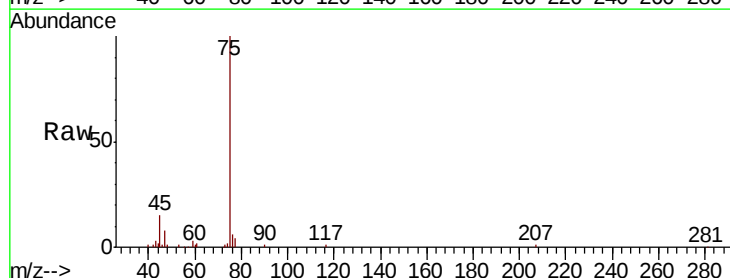
Instrument :
 MSVOA_W
 ClientSampled :
 PA-SB-01A

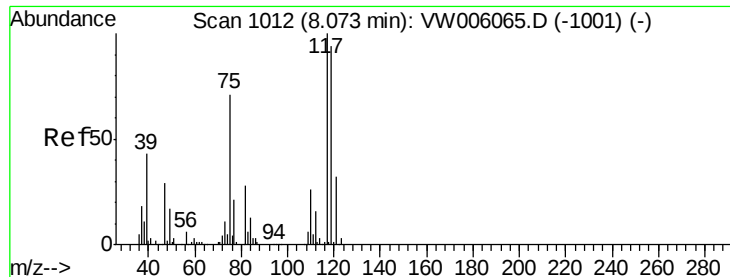
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	19.1	57.1#
77	0.0	25.0	37.4#



#37
 Ethyl Acetate
 Concen: 1.920 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.10 min
 Lab File: VW006473.D
 Acq: 30 Oct 2018 01:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	62.6	11.5	17.3#
70	0.0	9.2	13.8#

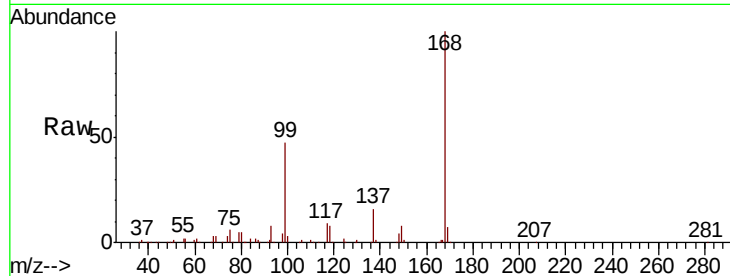




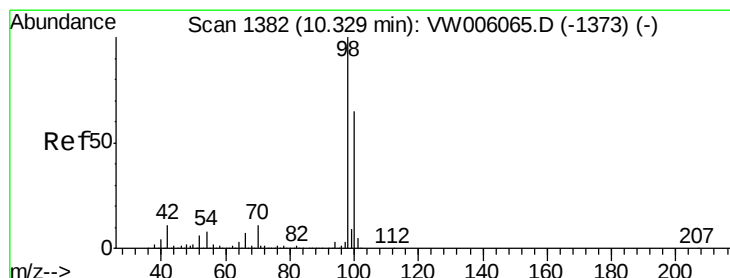
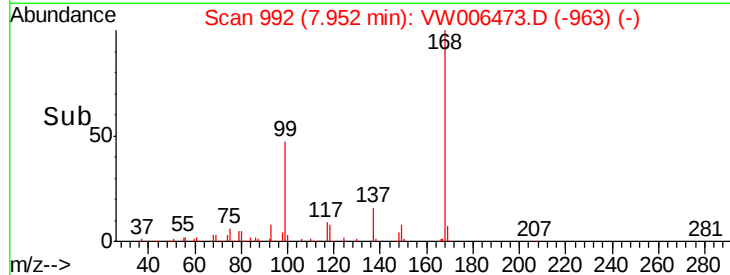
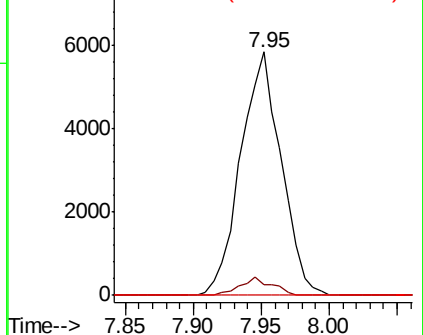
#38
Carbon Tetrachloride
Concen: 5.679 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006473.D
Acq: 30 Oct 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01A

Tot Ion:117 Resp: 12155
Ion Ratio Lower Upper
117 100
119 4.6 75.2 112.8#
121 0.0 25.3 37.9#

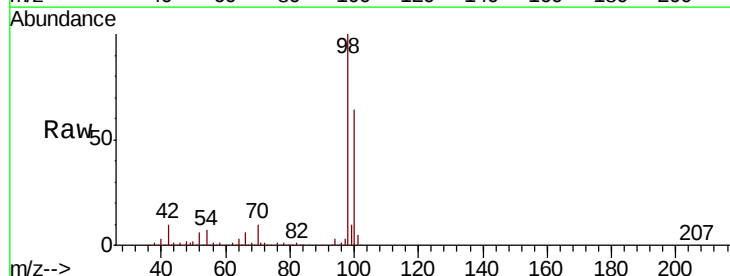


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

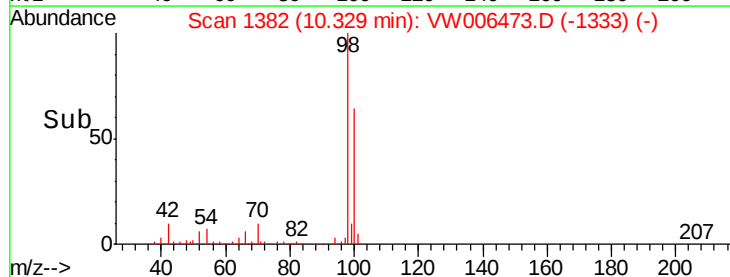
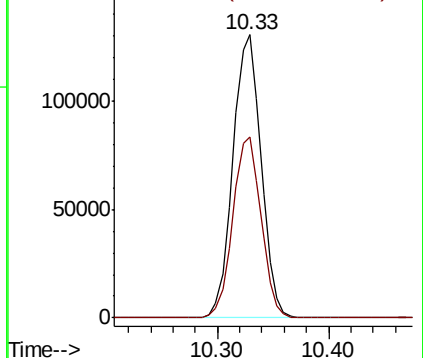


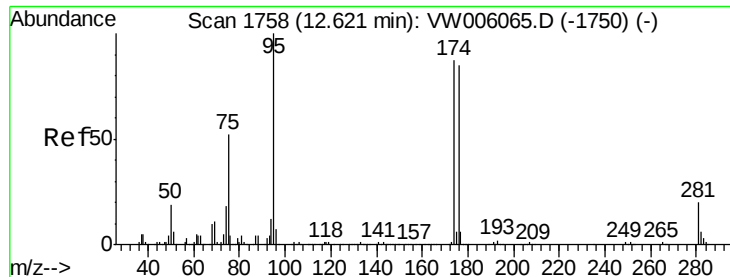
#50
Toluene-d8
Concen: 48.022 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006473.D
Acq: 30 Oct 2018 01:26

Tgt Ion: 98 Resp: 228663
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



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

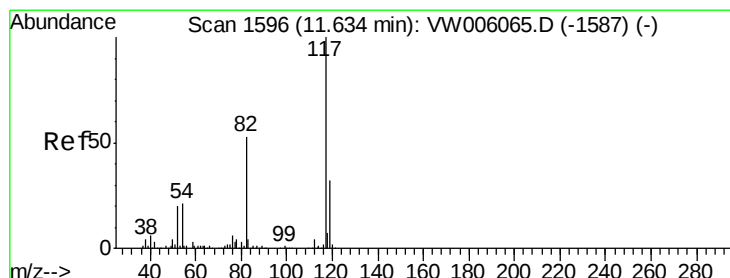
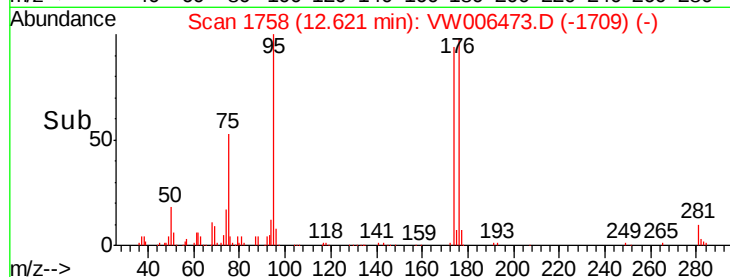
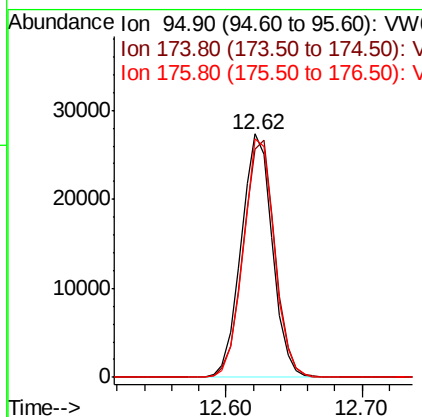
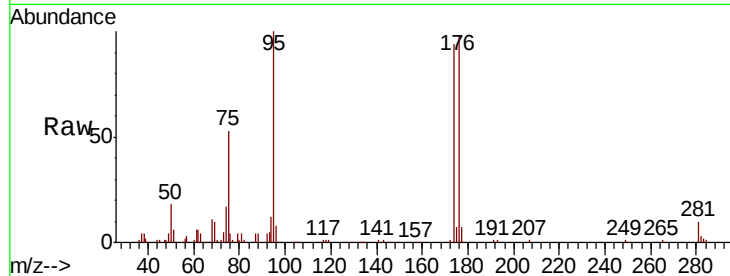




#62
4-Bromofluorobenzene
Concen: 24.494 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006473.D
Acq: 30 Oct 2018 01:26

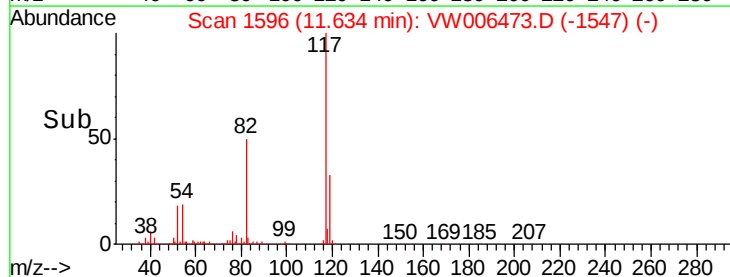
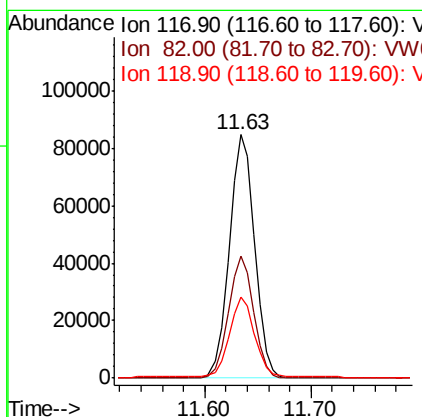
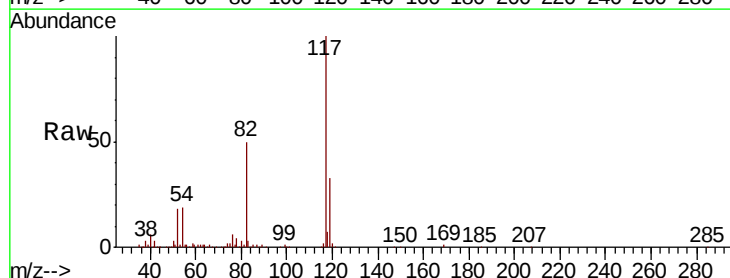
Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01A

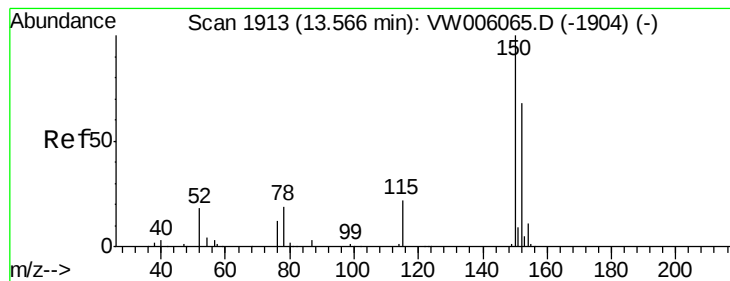
Tot Ion	95	Resp	43805
Ion Ratio	Lower	Upper	
95	100		
174	99.0	0.0	186.0
176	97.5	0.0	181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006473.D
Acq: 30 Oct 2018 01:26

Tgt Ion	117	Resp	140856
Ion Ratio	Lower	Upper	
117	100		
82	50.0	42.1	63.1
119	32.6	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006473.D

Acq: 30 Oct 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01A

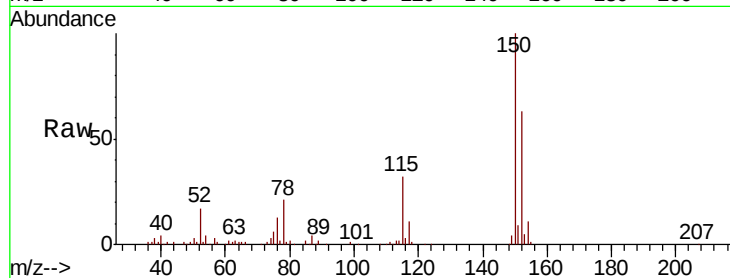
Tot Ion:152 Resp: 34624

Ion Ratio Lower Upper

152 100

115 53.8 27.8 83.3

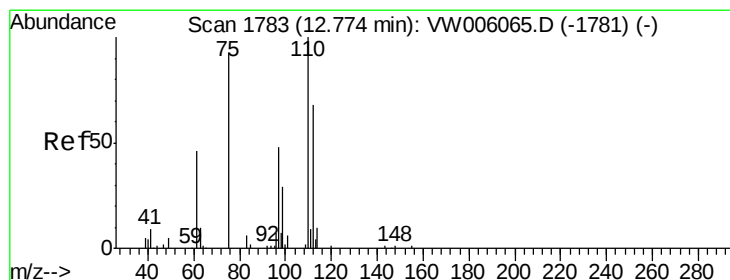
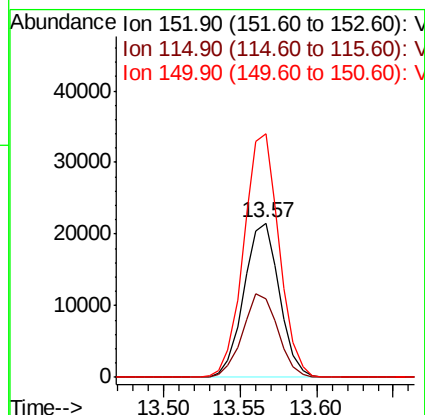
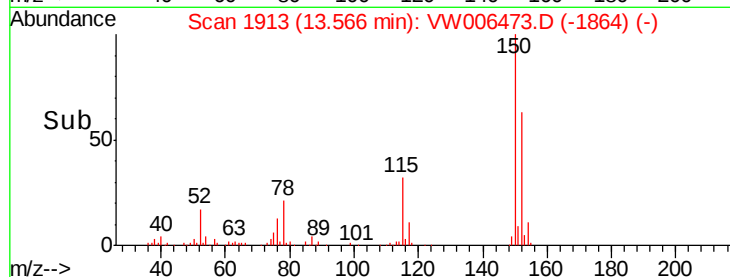
150 157.1 0.0 349.2



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: 85.178 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006473.D

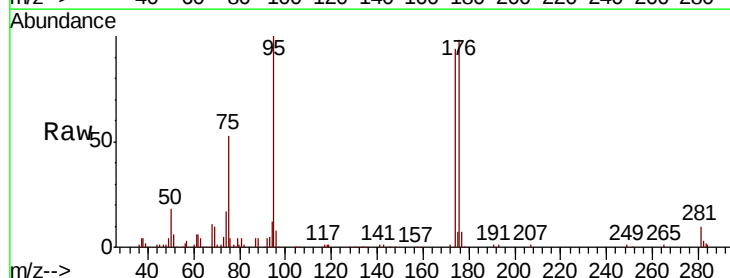
Acq: 30 Oct 2018 01:26

Tgt Ion: 75 Resp: 22526

Ion Ratio Lower Upper

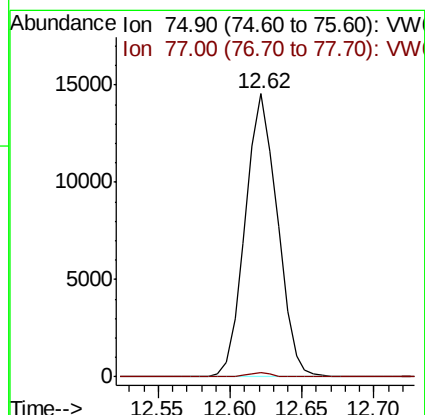
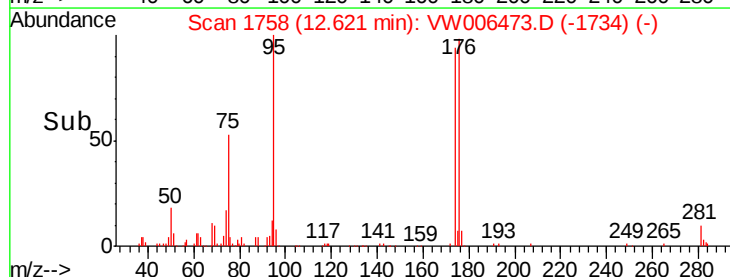
75 100

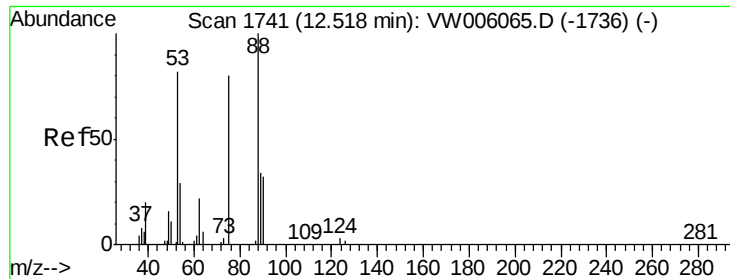
77 1.0 0.0 0.0#



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: 203.608 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006473.D

Acq: 30 Oct 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01A

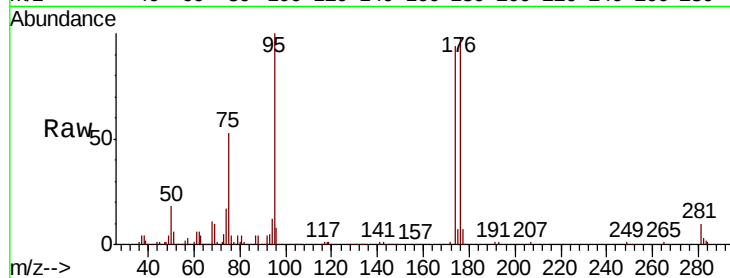
Tot Ion: 75 Resp: 22526

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

