

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004165.D
 Acq On : 24 Jul 2018 05:02
 Operator : SY/AP
 Sample : J4081-01
 Misc : 5.11G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 07:10:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	134898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	252426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	174717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	69946	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	74237	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
35) Dibromofluoromethane	7.88	113	60296	37.23	ug/l	0.00
Spiked Amount			Recovery	=	74.46%	
50) Toluene-d8	10.33	98	121351	19.31	ug/l	0.00
Spiked Amount			Recovery	=	38.62%	
62) 4-Bromofluorobenzene	12.62	95	46281	20.42	ug/l	0.00
Spiked Amount			Recovery	=	40.84%	

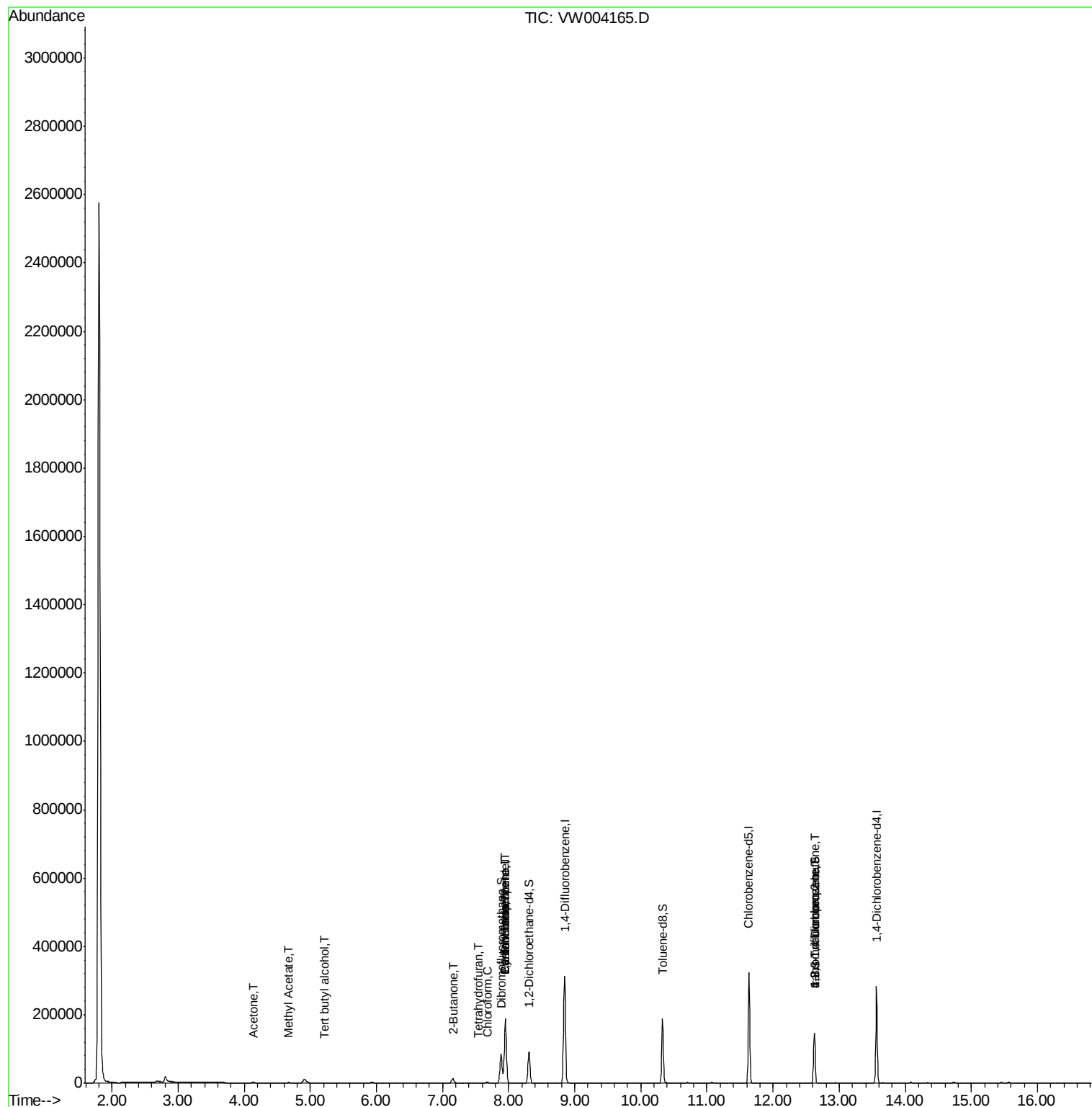
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	181	1.739	ug/l #	72
16) Acetone	4.14	43	3455	9.535	ug/l	90
18) Methyl Acetate	4.67	43	2762	3.176	ug/l #	54
20) Methylene Chloride	4.90	84	8990	Below Cal		89
25) 2-Butanone	7.16	43	564	1.157	ug/l #	51
29) Tetrahydrofuran	7.54	42	412	1.356	ug/l #	36
30) Chloroform	7.68	83	3639	1.371	ug/l	89
31) Cyclohexane	7.95	56	3316	1.326	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	11553	4.448	ug/l #	50
38) Carbon Tetrachloride	7.95	117	13839	5.703	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	23556	33.923	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	23556	75.036	ug/l #	11

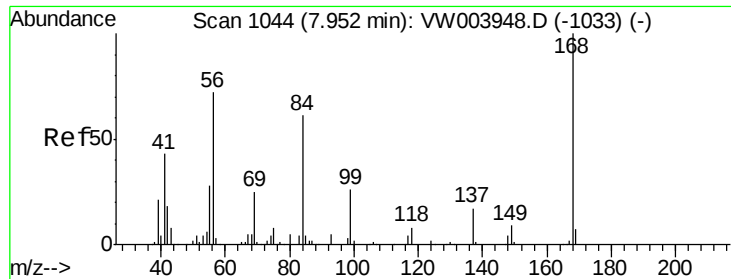
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
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QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004165.D

Acq: 24 Jul 2018 05:02

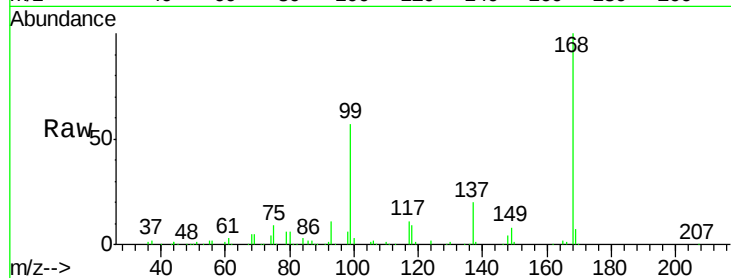
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 134898

Ion Ratio Lower Upper

168 100

99 57.1 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

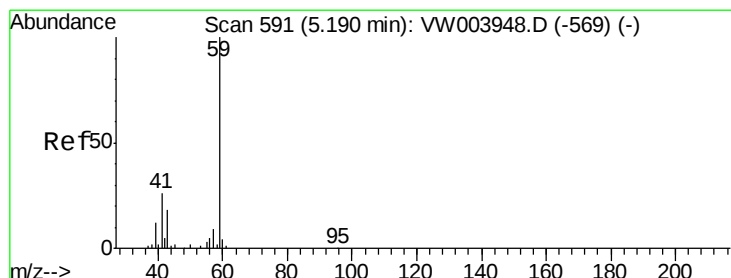
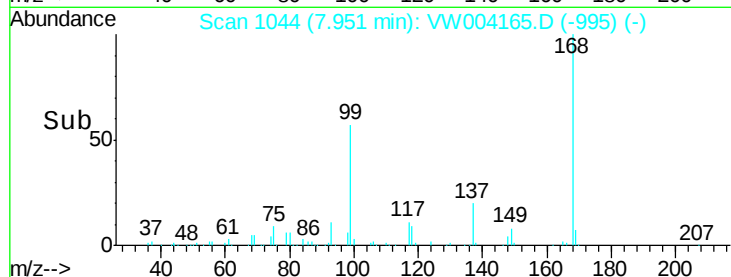
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 1.739 ug/l

RT: 5.21 min Scan# 594

Delta R.T. 0.02 min

Lab File: VW004165.D

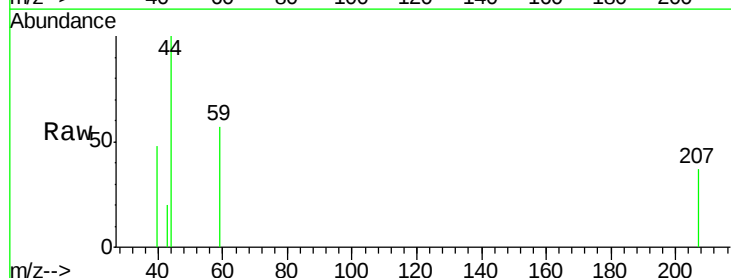
Acq: 24 Jul 2018 05:02

Tgt Ion: 59 Resp: 181

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

150

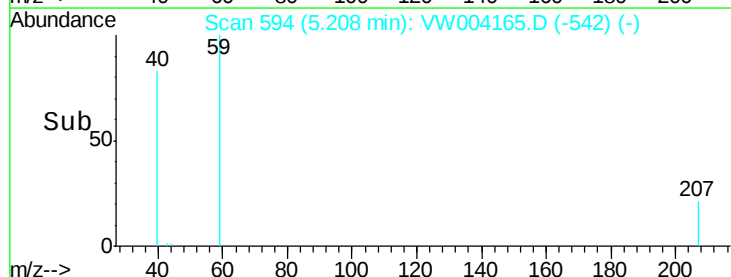
100

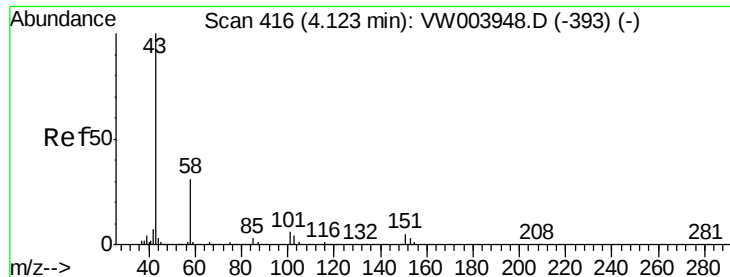
50

0

5.16 5.18 5.20 5.22 5.24

Time-->





#16

Acetone

Concen: 9.535 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004165.D

Acq: 24 Jul 2018 05:02

Instrument :

MSVOA_W

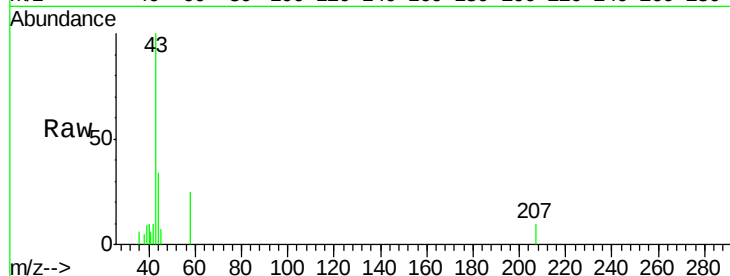
ClientSampled :

Tot Ion: 43 Resp: 3455

Ion Ratio Lower Upper

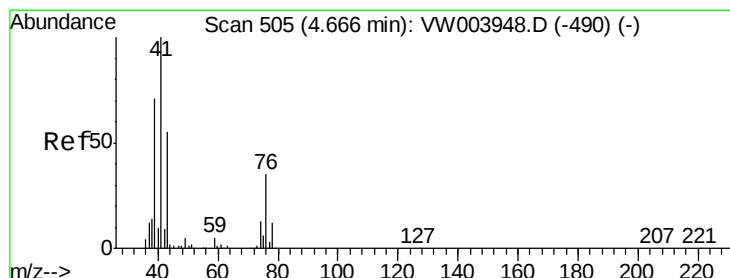
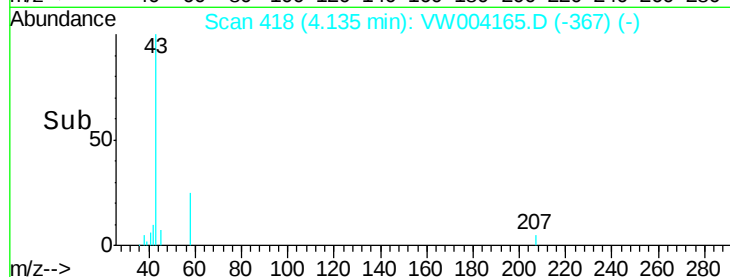
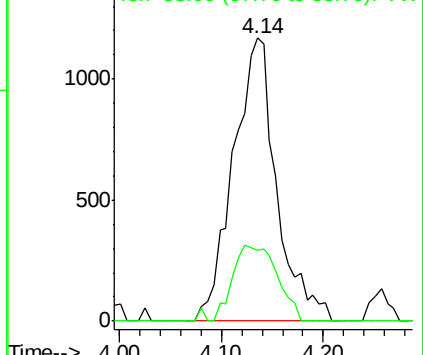
43 100

58 25.0 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 3.176 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW004165.D

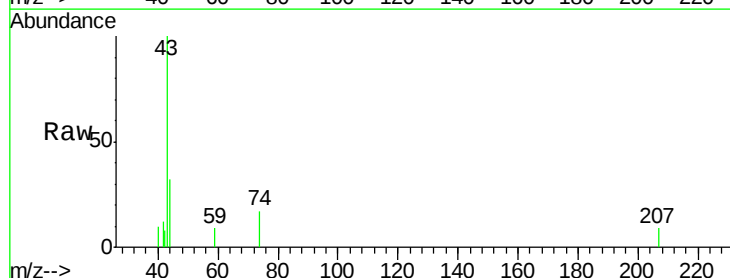
Acq: 24 Jul 2018 05:02

Tgt Ion: 43 Resp: 2762

Ion Ratio Lower Upper

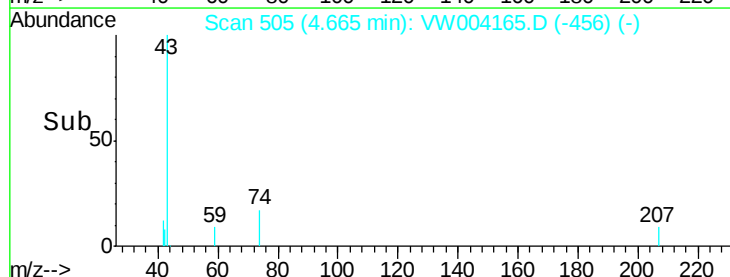
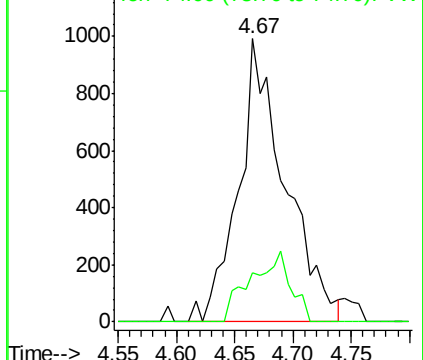
43 100

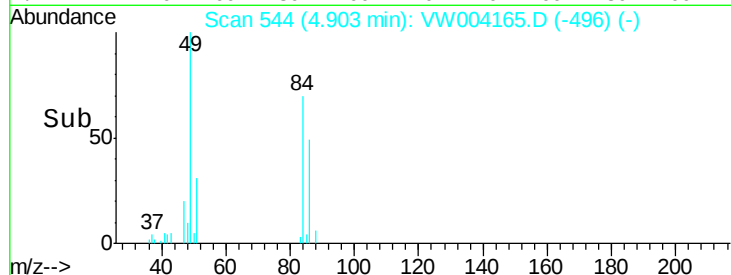
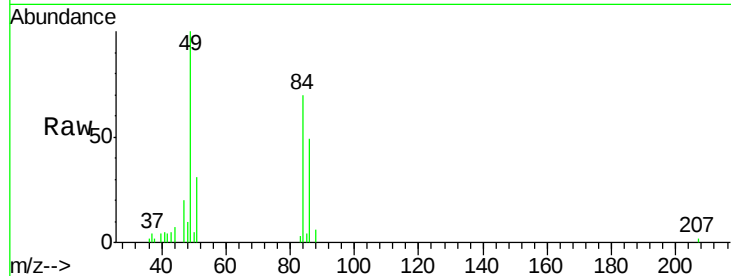
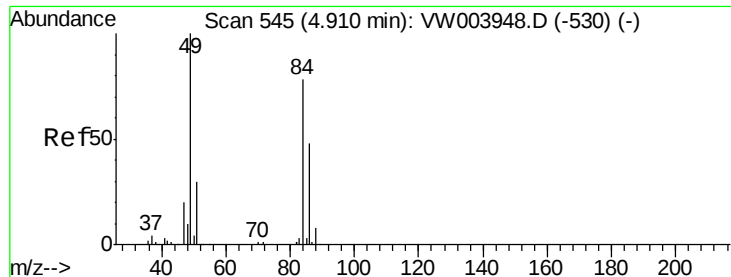
74 0.0 17.7 26.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

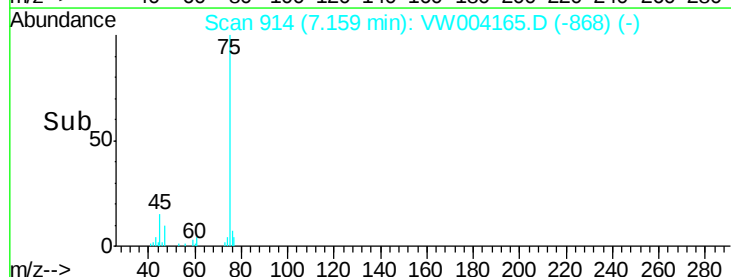
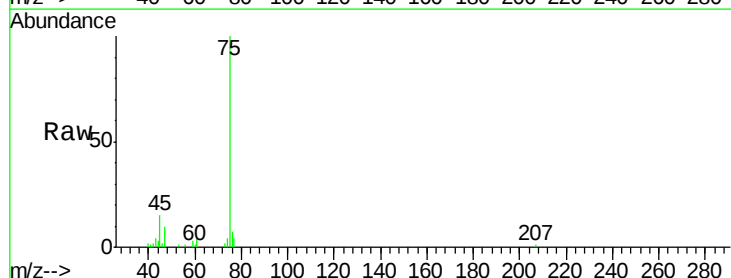
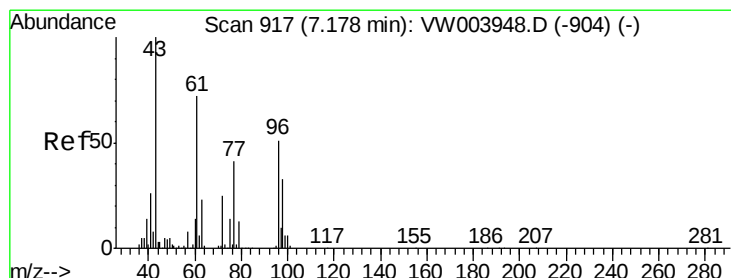
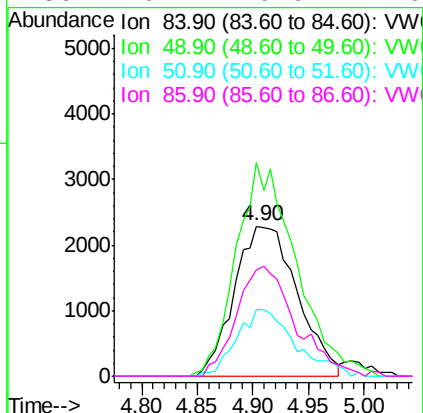
Ion 74.00 (73.70 to 74.70): VW





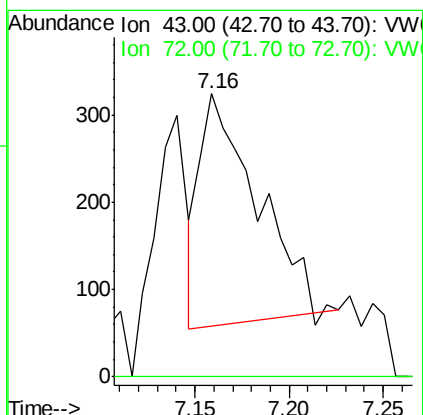
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004165.D
Acq: 24 Jul 2018 05:02

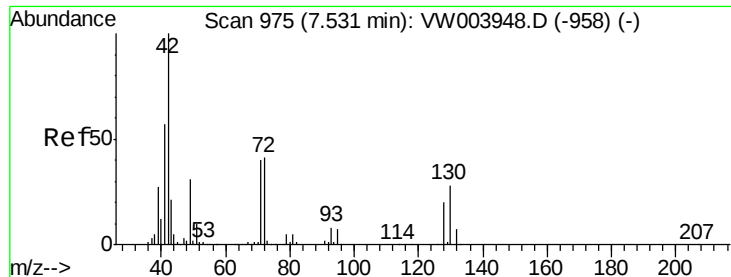
Tot Ion	84	Resp	8990
Ion Ratio	Lower	Upper	
84	100		
49	142.3	102.9	154.3
51	44.0	30.9	46.3
86	70.4	49.9	74.9



#25
2-Butanone
Concen: 1.157 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW004165.D
Acq: 24 Jul 2018 05:02

Tgt Ion	43	Resp	564
Ion Ratio	Lower	Upper	
43	100		
72	0.0	19.8	29.6#





#29

Tetrahydrofuran

Concen: 1.356 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW004165.D

Acq: 24 Jul 2018 05:02

Instrument :

MSVOA_W

ClientSampled :

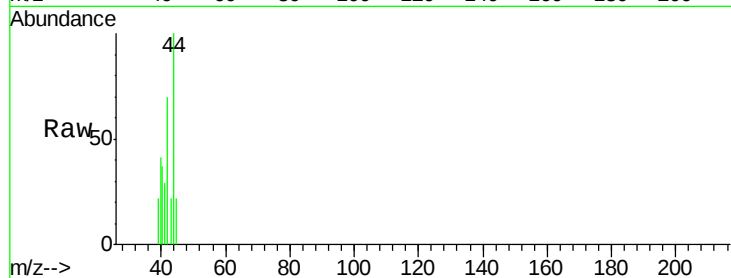
Tot Ion: 42 Resp: 412

Ion Ratio Lower Upper

42 100

72 0.0 32.6 48.8#

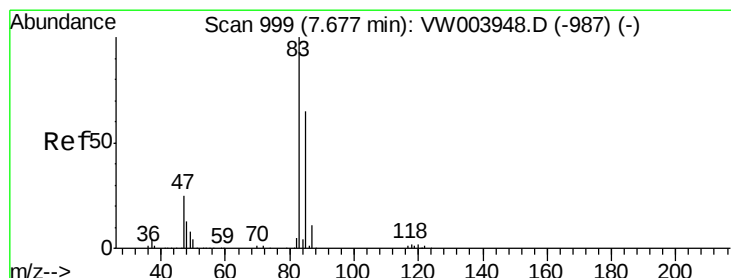
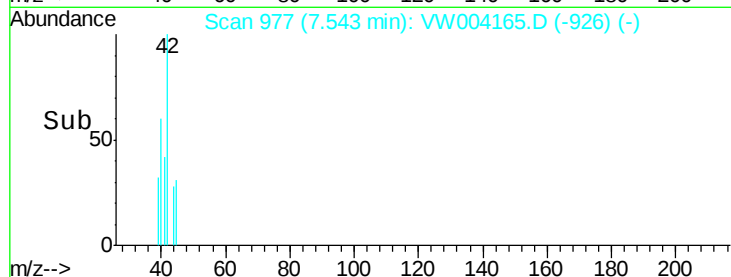
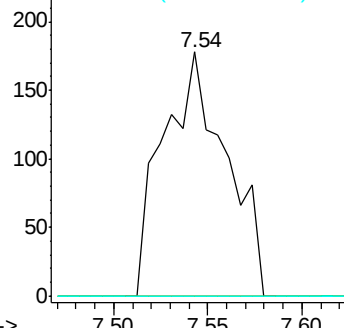
71 0.0 30.5 45.7#



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



#30

Chloroform

Concen: 1.371 ug/l

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

Lab File: VW004165.D

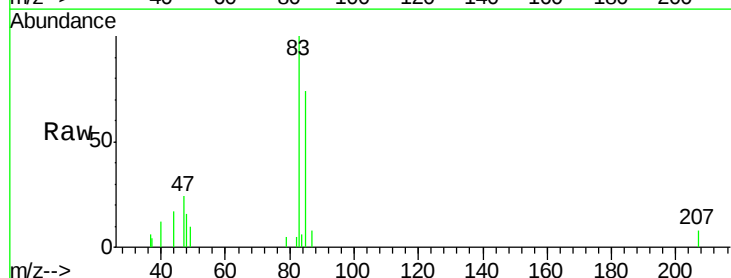
Acq: 24 Jul 2018 05:02

Tgt Ion: 83 Resp: 3639

Ion Ratio Lower Upper

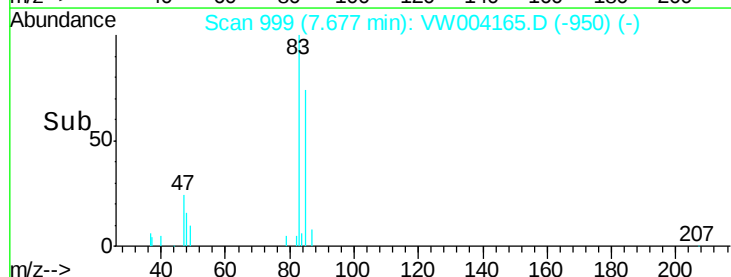
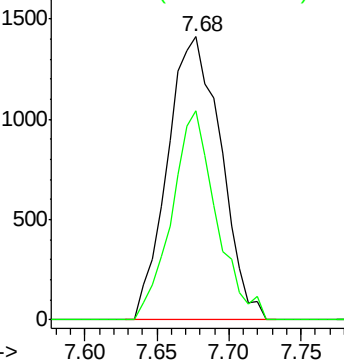
83 100

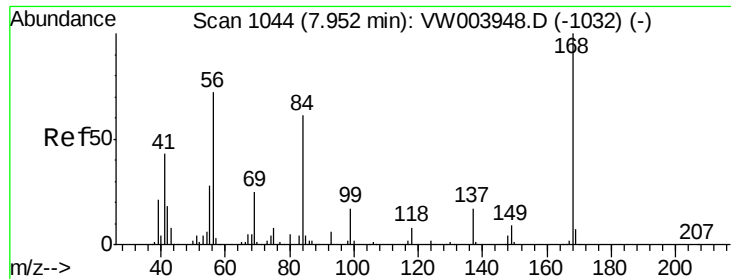
85 73.8 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

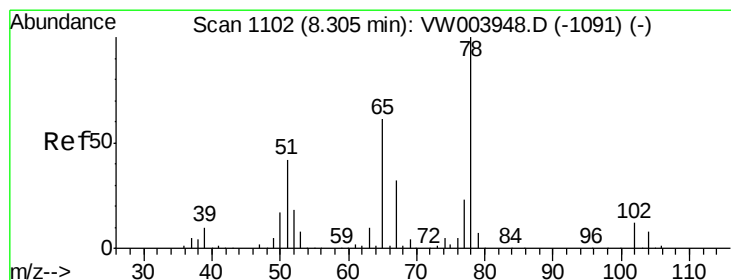
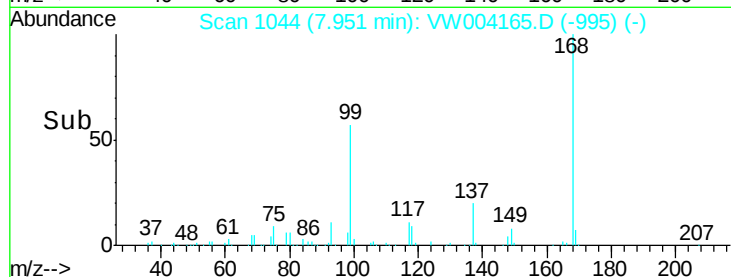
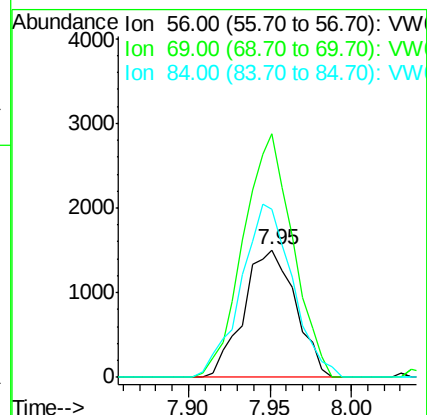
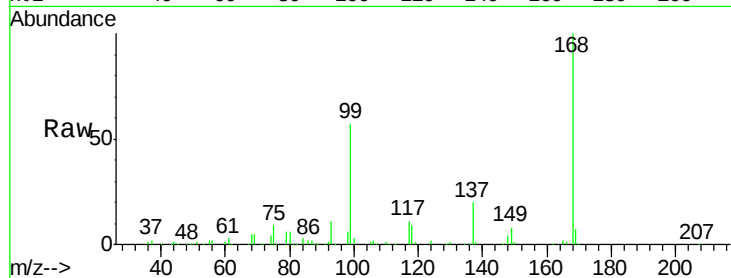




#31
Cyclohexane
Concen: 1.326 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004165.D
Acq: 24 Jul 2018 05:02

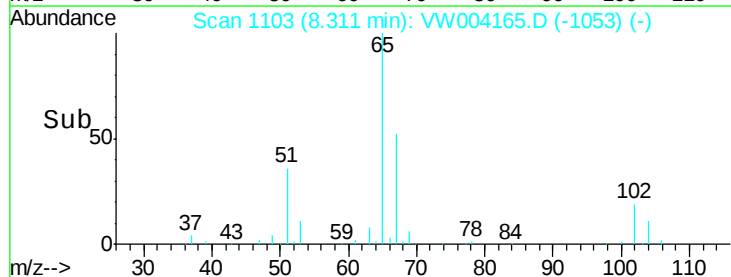
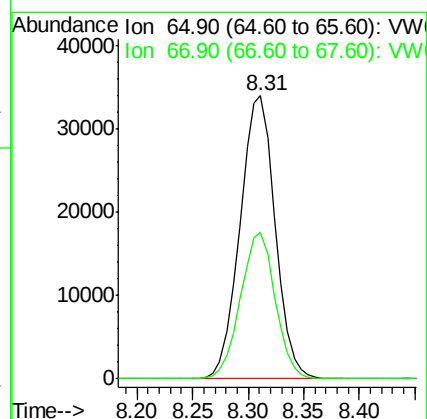
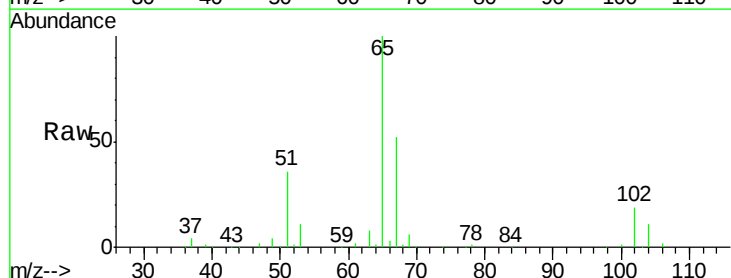
Instrument :
MSVOA_W
ClientSampled :

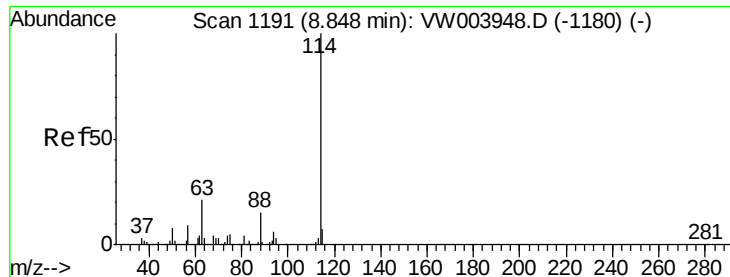
Tot Ion: 56 Resp: 3316
Ion Ratio Lower Upper
56 100
69 190.6 27.8 41.8#
84 131.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 49.232 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW004165.D
Acq: 24 Jul 2018 05:02

Tgt Ion: 65 Resp: 74237
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.0

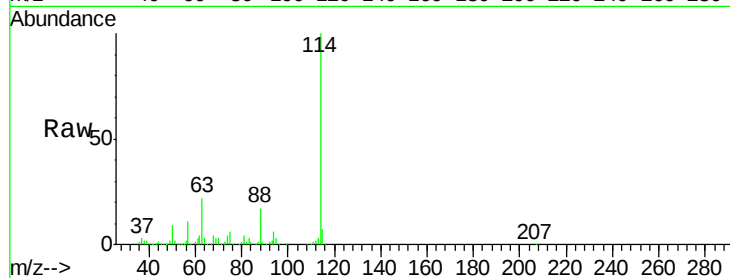




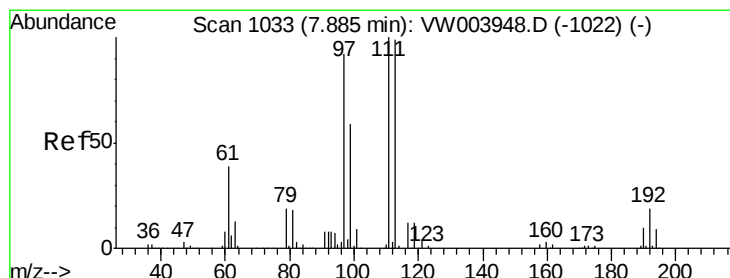
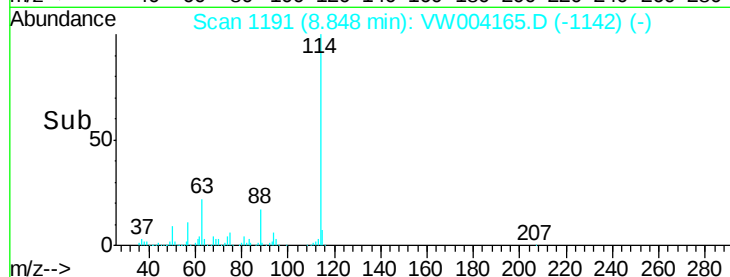
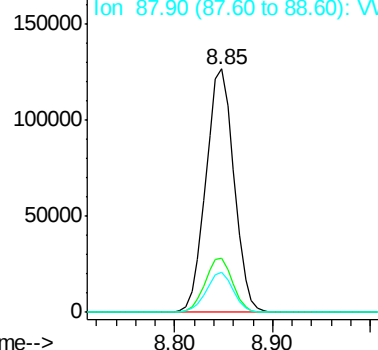
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW004165.D
Acq: 24 Jul 2018 05:02

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 252426
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.8
88 16.7 0.0 30.4

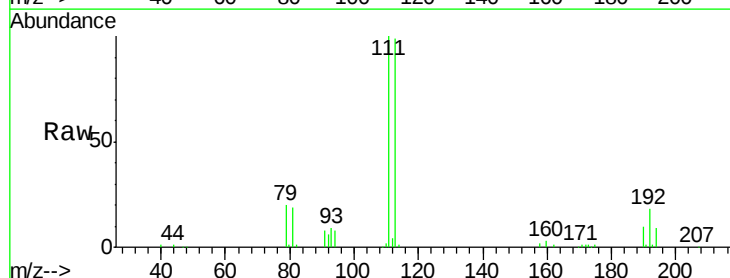


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

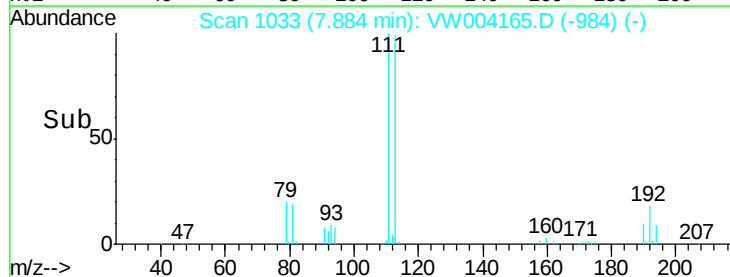
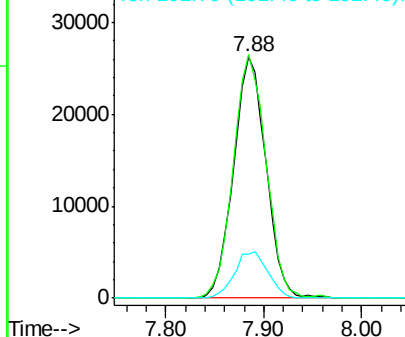


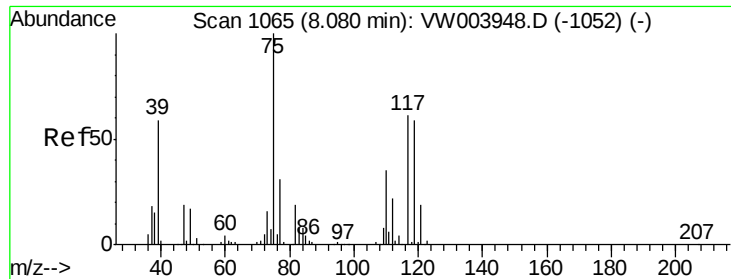
#35
Dibromofluoromethane
Concen: 37.228 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW004165.D
Acq: 24 Jul 2018 05:02

Tgt Ion:113 Resp: 60296
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.7 15.8 23.6



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

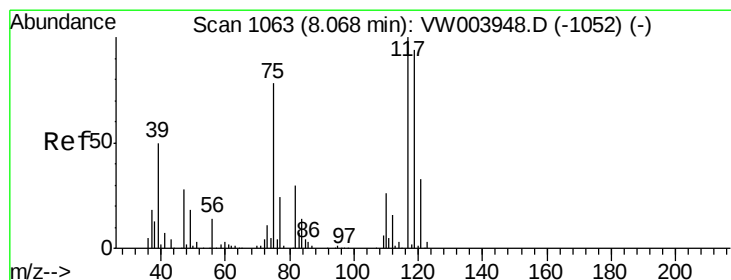
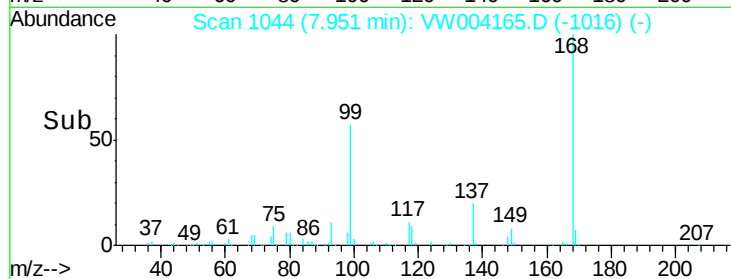
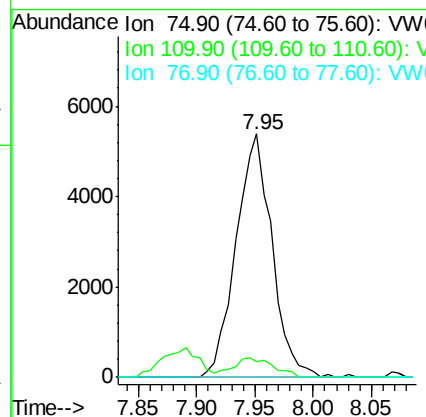
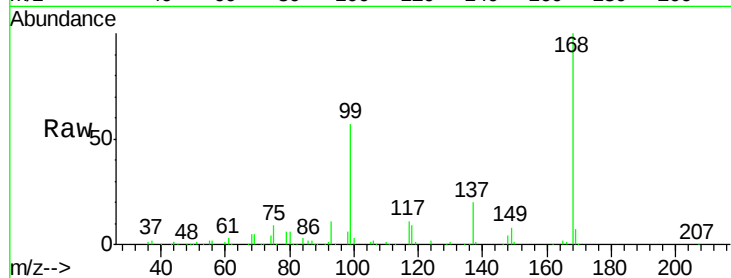




#36
 1,1-Dichloropropene
 Concen: 4.448 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004165.D
 Acq: 24 Jul 2018 05:02

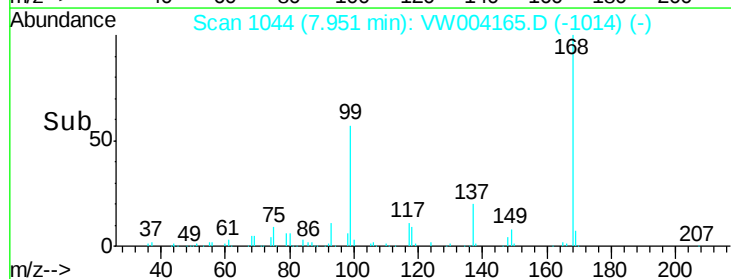
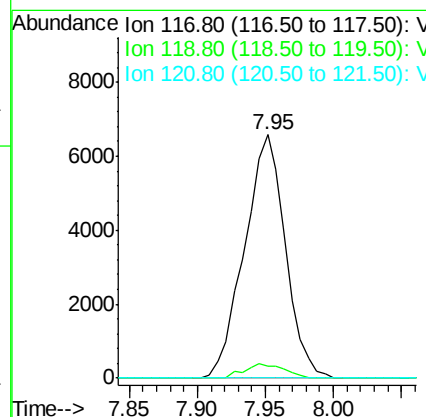
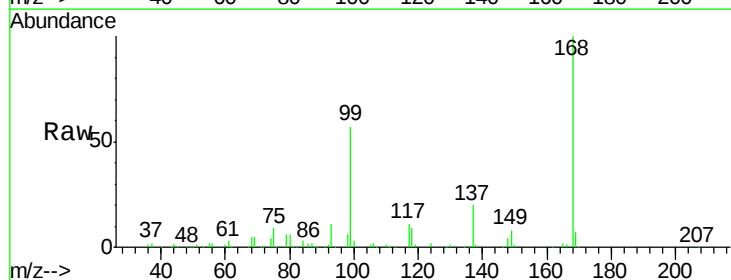
Instrument :
 MSVOA_W
 ClientSampled :

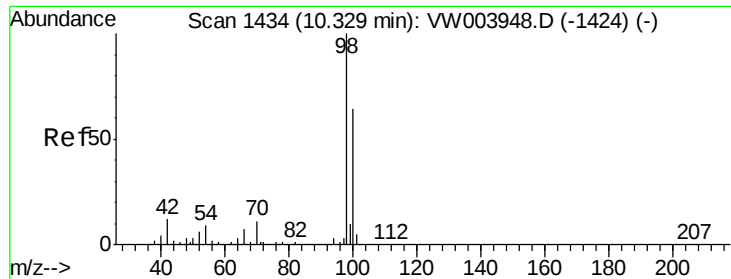
Tot Ion	75	Resp	11553
Ion Ratio	Lower	Upper	
75	100		
110	8.9	17.0	51.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.703 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004165.D
 Acq: 24 Jul 2018 05:02

Tgt Ion	117	Resp	13839
Ion Ratio	Lower	Upper	
117	100		
119	4.9	75.3	112.9#
121	0.0	26.0	39.0#





#50

Toluene-d8

Concen: 19.309 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004165.D

Acq: 24 Jul 2018 05:02

Instrument :

MSVOA_W

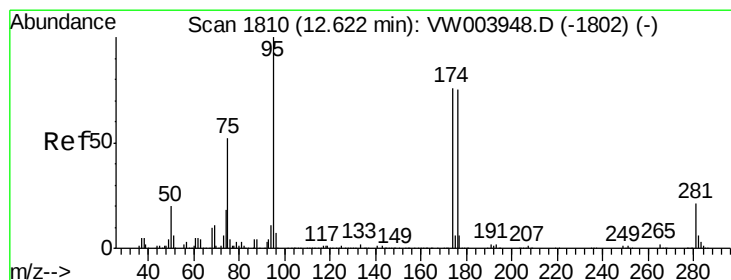
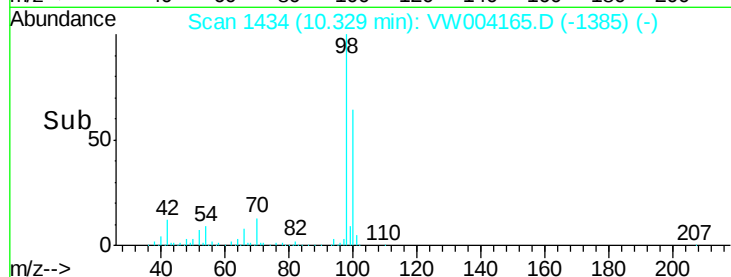
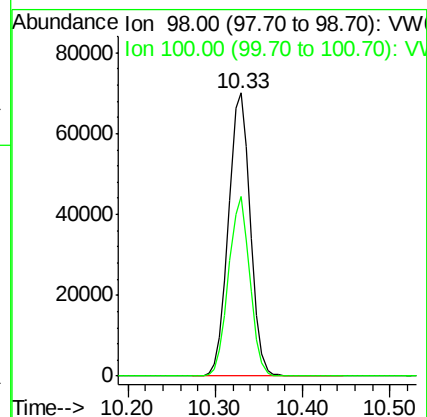
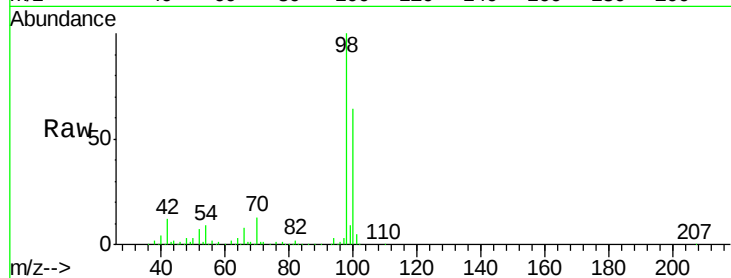
ClientSampleId :

Tot Ion: 98 Resp: 121351

Ion Ratio Lower Upper

98 100

100 62.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 20.422 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004165.D

Acq: 24 Jul 2018 05:02

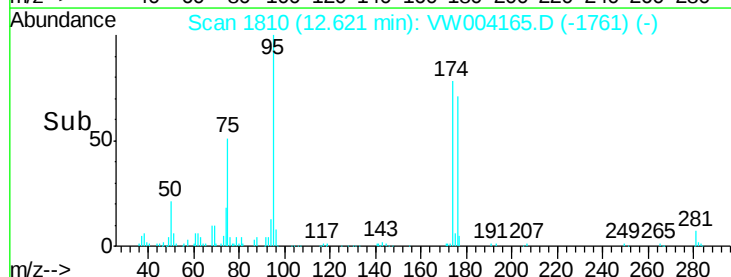
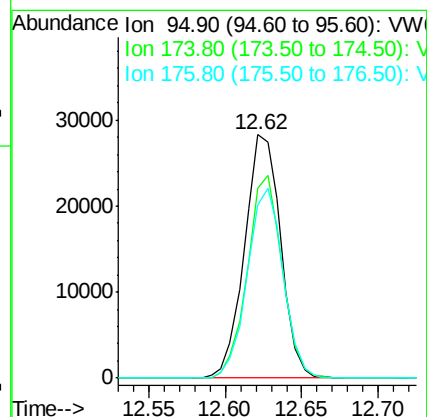
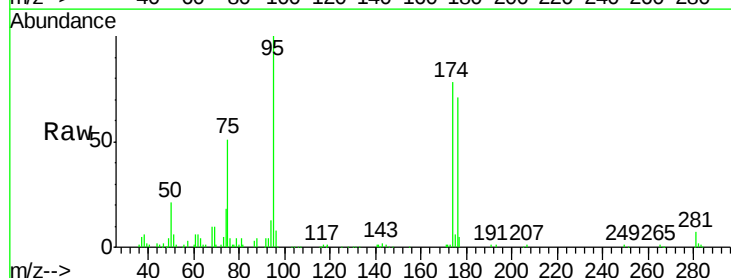
Tgt Ion: 95 Resp: 46281

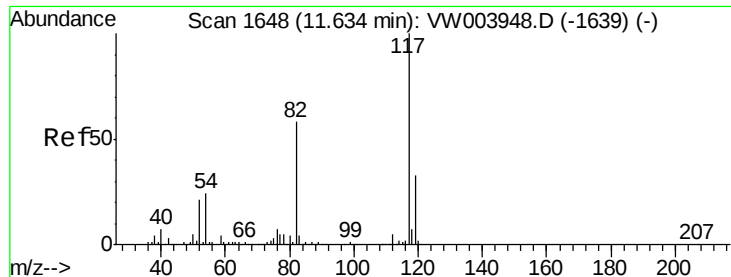
Ion Ratio Lower Upper

95 100

174 80.2 0.0 160.2

176 77.2 0.0 155.8

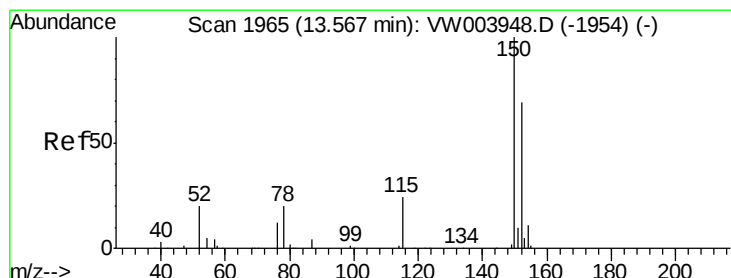
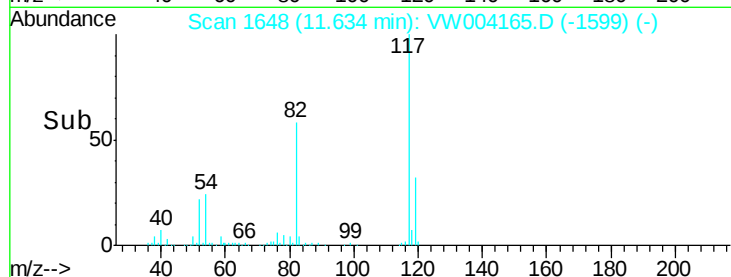
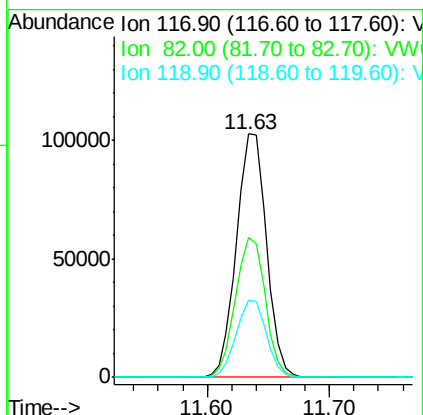
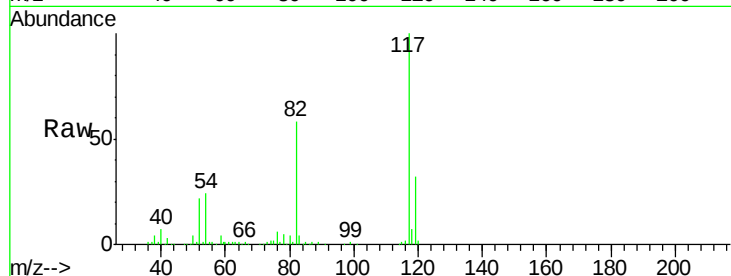




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004165.D
Acq: 24 Jul 2018 05:02

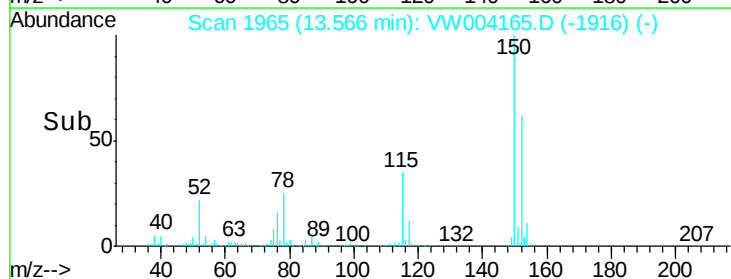
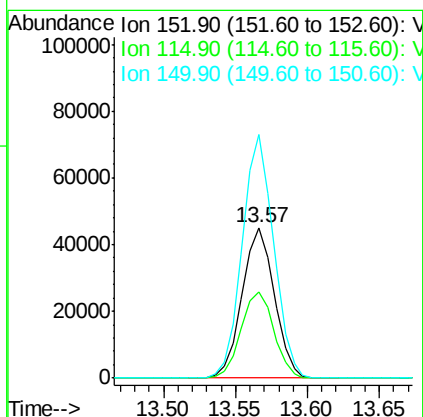
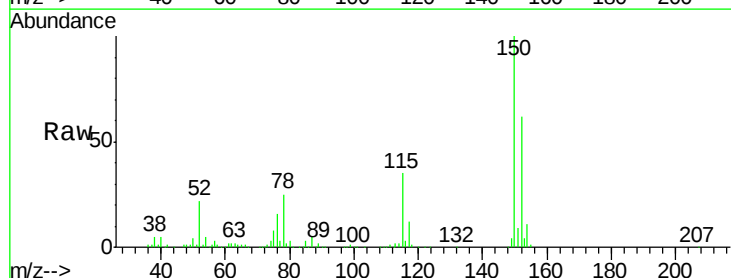
Instrument :
MSVOA_W
ClientSampled :

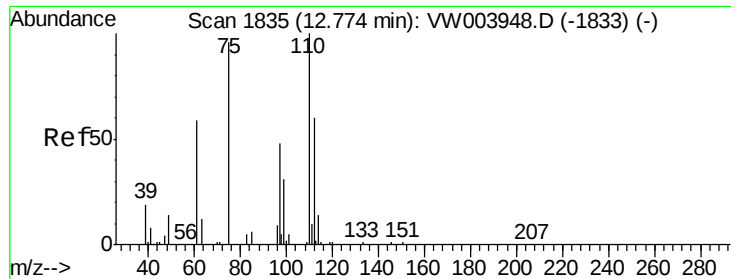
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.5	69.7
119	31.6	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004165.D
Acq: 24 Jul 2018 05:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.2	87.6
150	157.6	0.0	345.2





#76

1,2,3-Trichloropropane

Concen: 33.923 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW004165.D

Acq: 24 Jul 2018 05:02

Instrument :

MSVOA_W

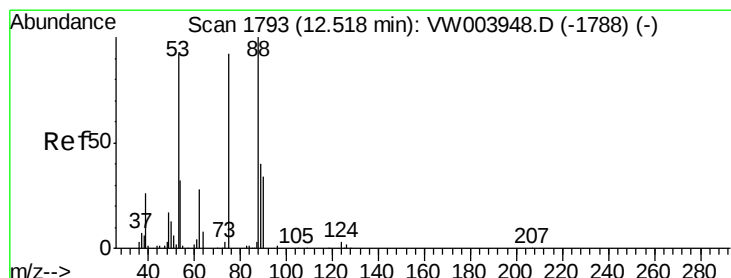
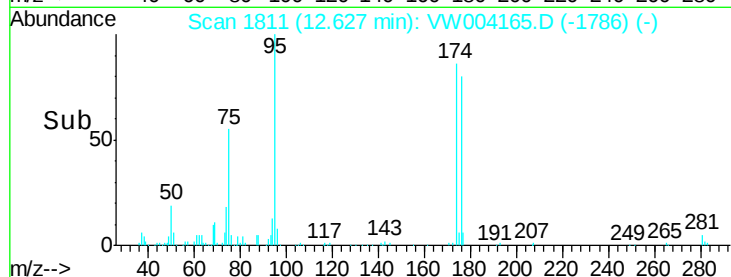
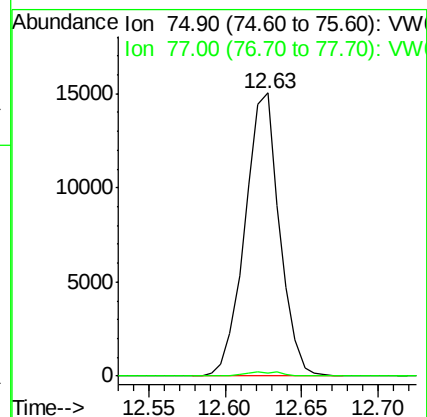
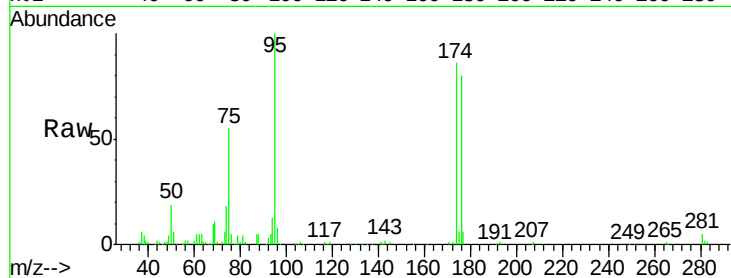
ClientSampleId :

Tot Ion: 75 Resp: 23556

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.036 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW004165.D

Acq: 24 Jul 2018 05:02

Tgt Ion: 75 Resp: 23556

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 36.6 54.8#

