

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002406.D
 Acq On : 11 May 2018 03:44
 Operator : JC/SY
 Sample : J2822-07
 Misc : 6.04G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 11 05:00:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	168815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	258234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	221668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	88765	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	78261	43.66	ug/l	0.00
Spiked Amount			Recovery	=	87.32%	
35) Dibromofluoromethane	7.88	113	71634	43.28	ug/l	0.00
Spiked Amount			Recovery	=	86.56%	
50) Toluene-d8	10.33	98	226002	35.81	ug/l	0.00
Spiked Amount			Recovery	=	71.62%	
62) 4-Bromofluorobenzene	12.63	95	71197	31.21	ug/l	0.00
Spiked Amount			Recovery	=	62.42%	

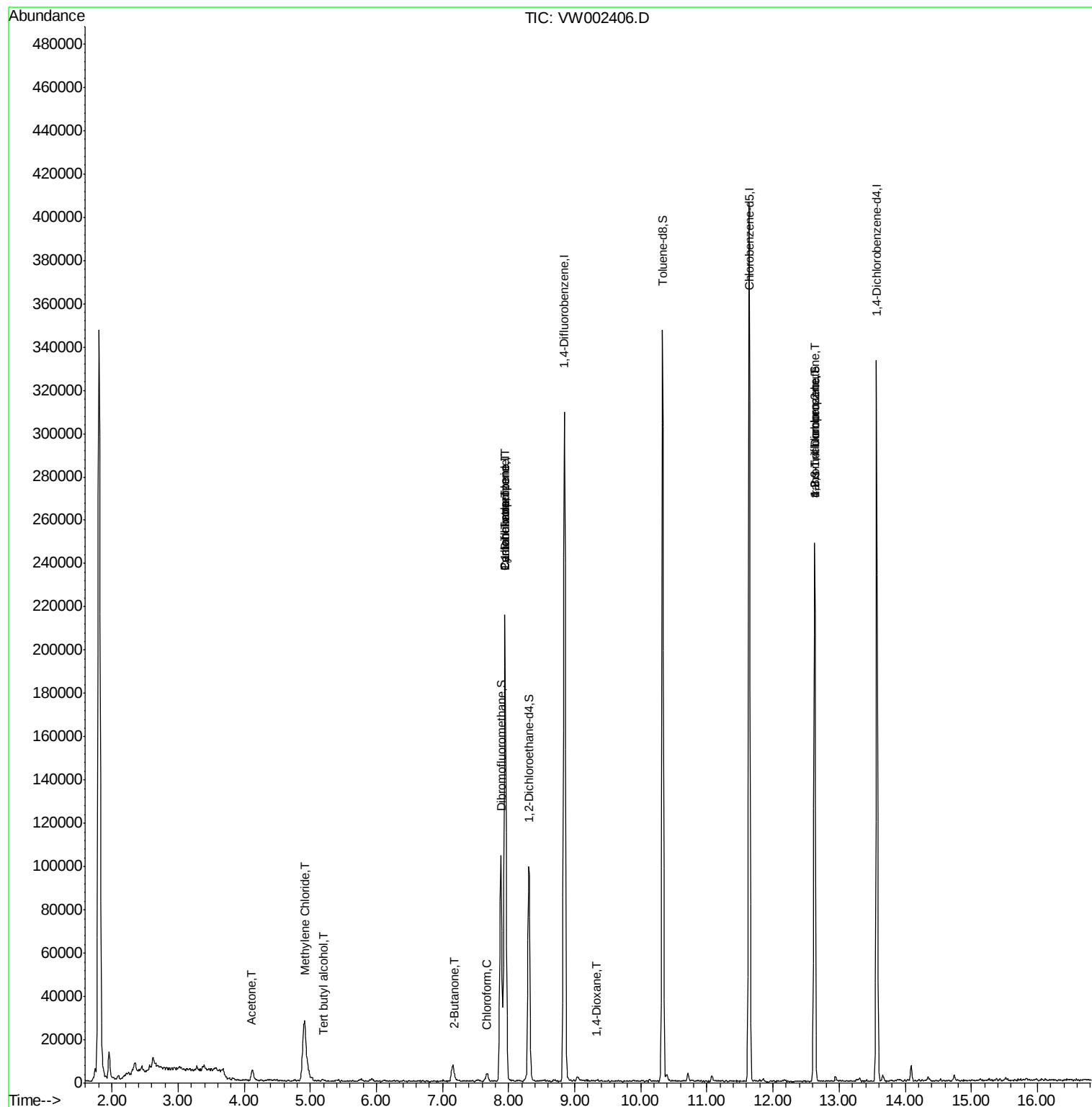
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	1005	7.71	ug/l #	85
16) Acetone	4.12	43	8297	23.70	ug/l	98
20) Methylene Chloride	4.92	84	27559	16.33	ug/l	96
25) 2-Butanone	7.18	43	1670	3.21	ug/l #	46
30) Chloroform	7.68	83	3237	1.04	ug/l	96
31) Cyclohexane	7.95	56	3801	1.43	ug/l #	38
36) 1,1-Dichloropropene	7.95	75	12020	5.15	ug/l #	51
38) Carbon Tetrachloride	7.95	117	15431	6.83	ug/l #	16
49) 1,4-Dioxane	9.32	88	20	1.32	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	36861	46.83	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	36861	123.35	ug/l #	10

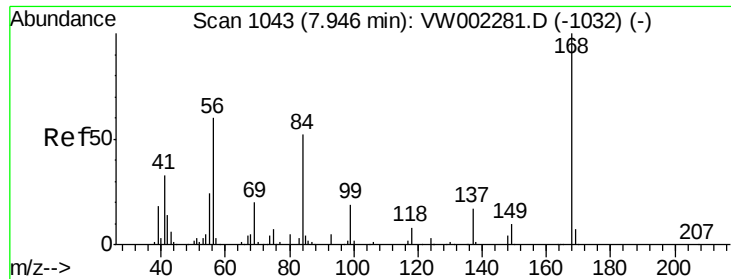
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
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ClientSampleId :

Quant Time: May 11 05:00:07 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VW002406.D

Acq: 11 May 2018 03:44

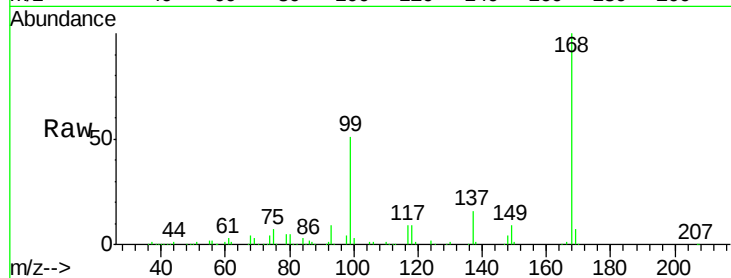
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 168815

Ion Ratio Lower Upper

168 100

99 51.5 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

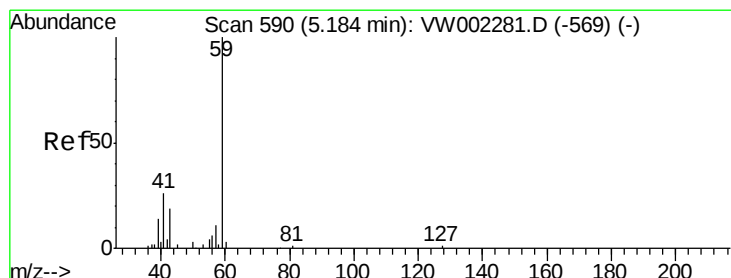
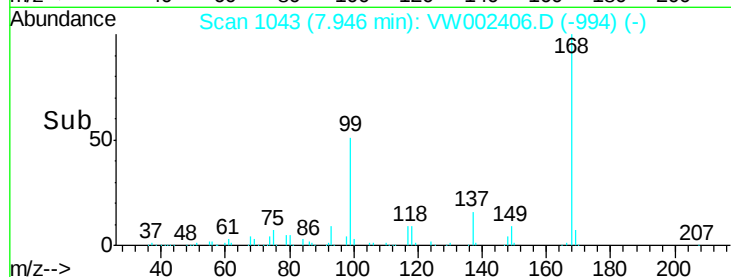
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 7.71 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW002406.D

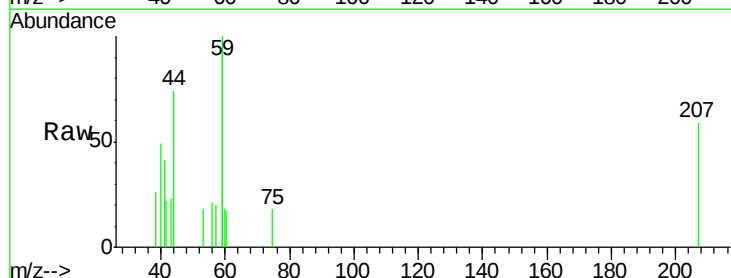
Acq: 11 May 2018 03:44

Tgt Ion: 59 Resp: 1005

Ion Ratio Lower Upper

59 100

57 0.0 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

600

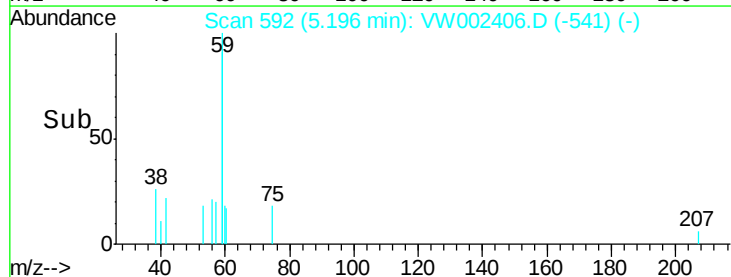
400

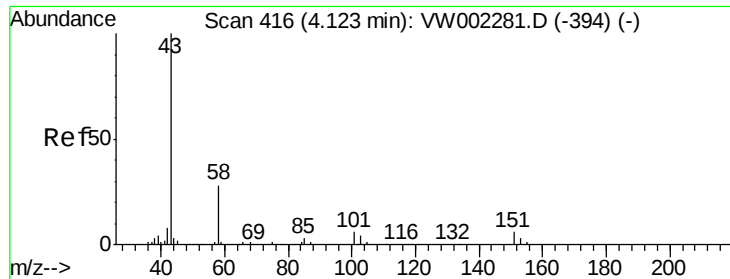
200

0

5.10 5.15 5.20

Time-->

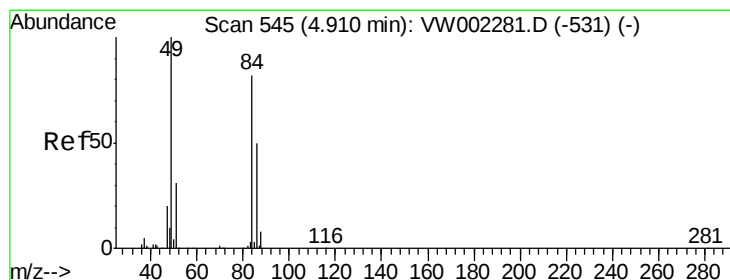
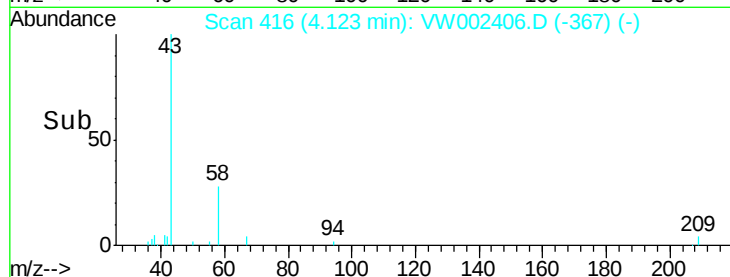
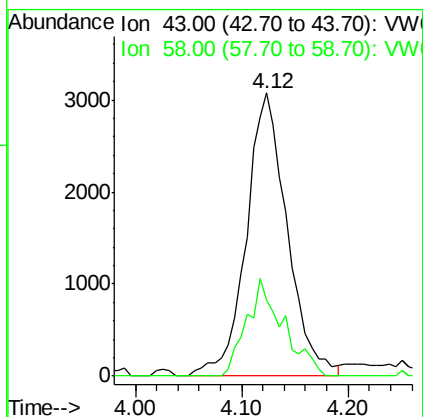
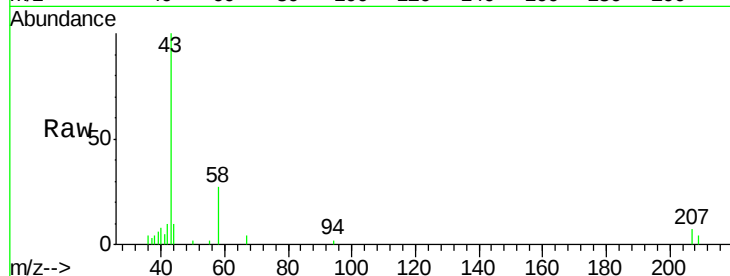




#16
Acetone
Concen: 23.70 ug/l
RT: 4.12 min Scan# 416
Delta R.T. 0.00 min
Lab File: VW002406.D
Acq: 11 May 2018 03:44

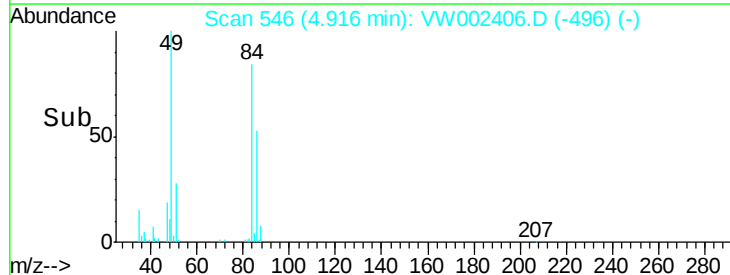
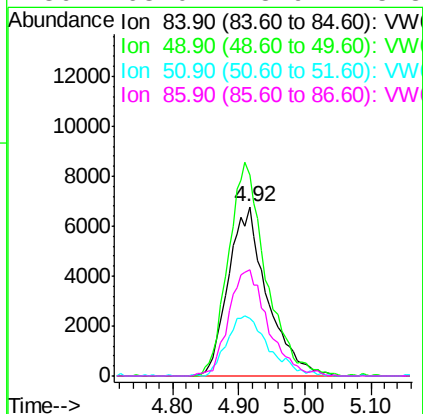
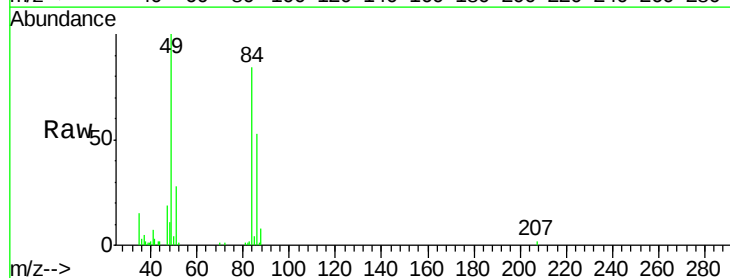
Instrument :
MSVOA_W
ClientSampleId :

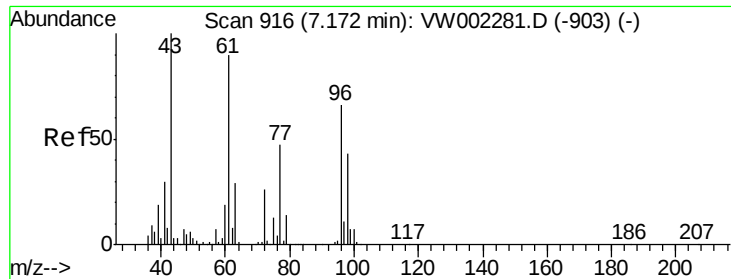
Tot Ion: 43 Resp: 8297
Ion Ratio Lower Upper
43 100
58 26.8 22.2 33.4



#20
Methylene Chloride
Concen: 16.33 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW002406.D
Acq: 11 May 2018 03:44

Tgt Ion: 84 Resp: 27559
Ion Ratio Lower Upper
84 100
49 118.4 97.7 146.5
51 33.7 30.2 45.4
86 63.0 48.9 73.3

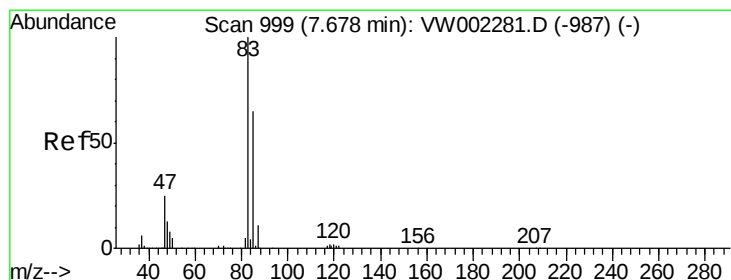
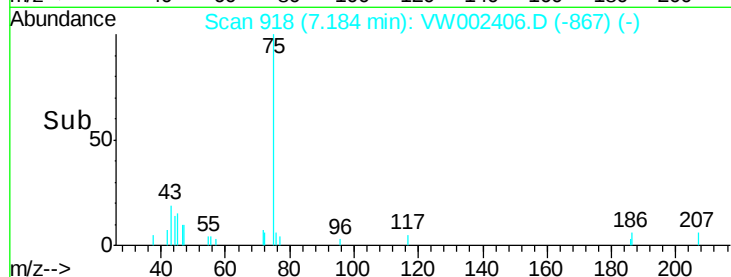
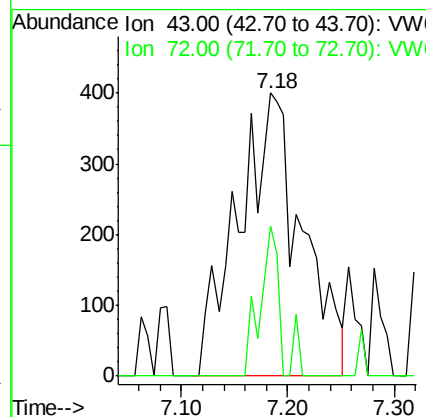
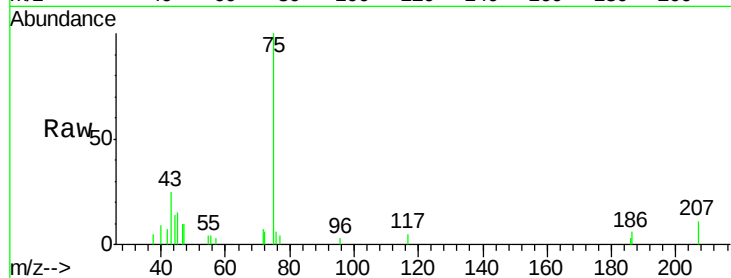




#25
2-Butanone
Concen: 3.21 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW002406.D
Acq: 11 May 2018 03:44

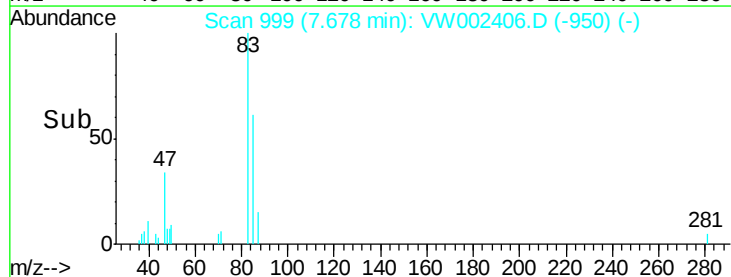
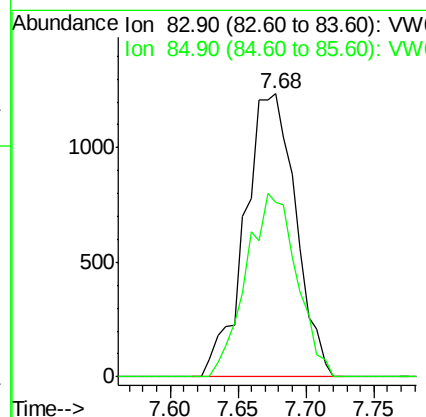
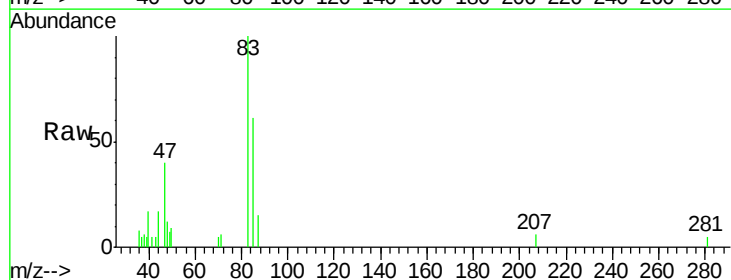
Instrument :
MSVOA_W
ClientSampled :

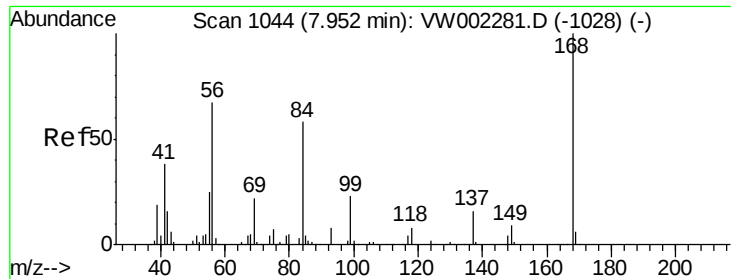
Tot Ion: 43 Resp: 1670
Ion Ratio Lower Upper
43 100
72 53.0 20.6 31.0#



#30
Chloroform
Concen: 1.04 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW002406.D
Acq: 11 May 2018 03:44

Tgt Ion: 83 Resp: 3237
Ion Ratio Lower Upper
83 100
85 61.5 51.8 77.6

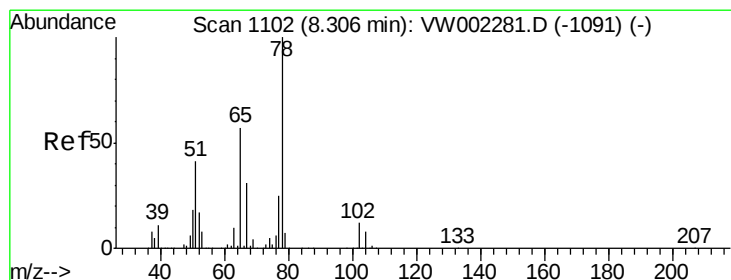
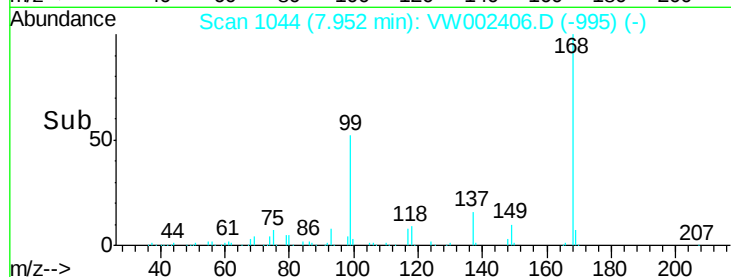
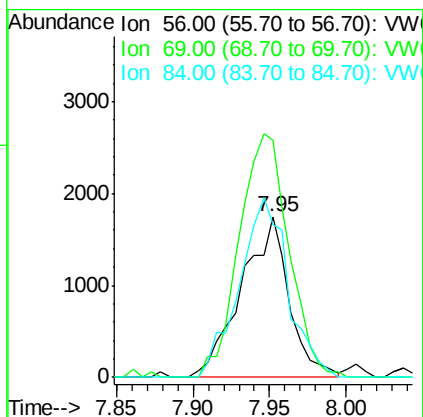
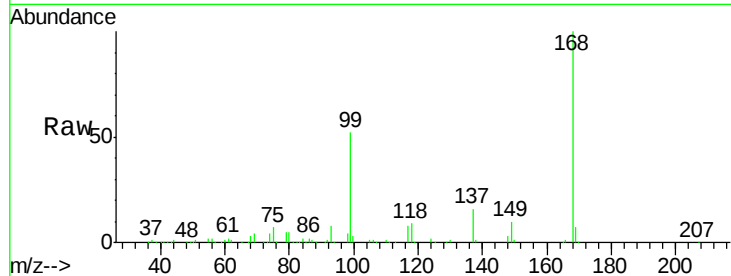




#31
Cyclohexane
Concen: 1.43 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW002406.D
Acq: 11 May 2018 03:44

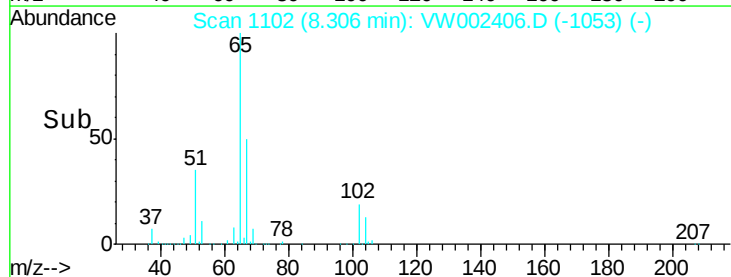
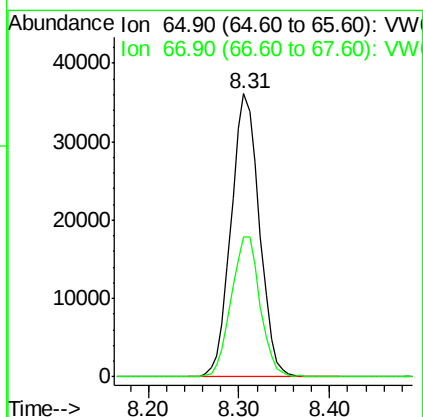
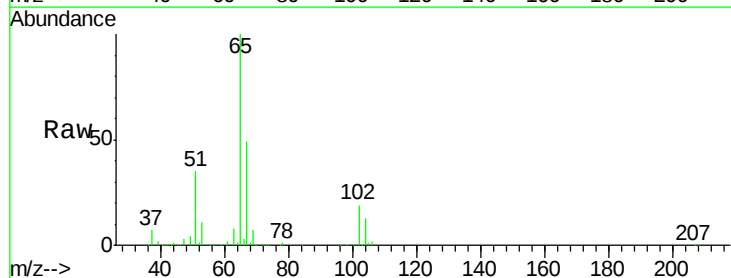
Instrument :
MSVOA_W
ClientSampleId :

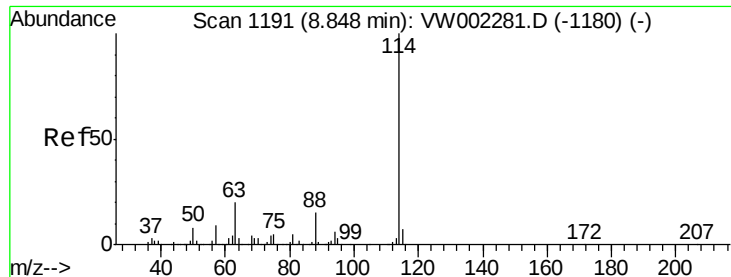
Tot Ion: 56 Resp: 3801
Ion Ratio Lower Upper
56 100
69 147.4 26.2 39.4#
84 94.9 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 43.66 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW002406.D
Acq: 11 May 2018 03:44

Tgt Ion: 65 Resp: 78261
Ion Ratio Lower Upper
65 100
67 50.4 0.0 107.2

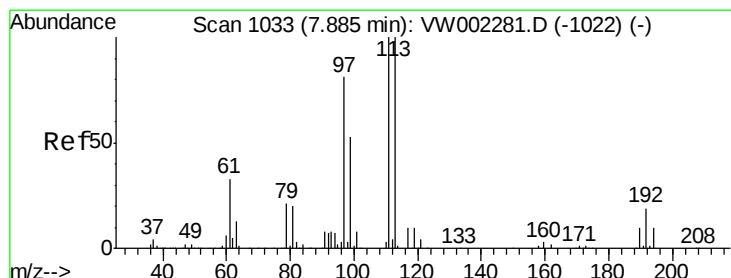
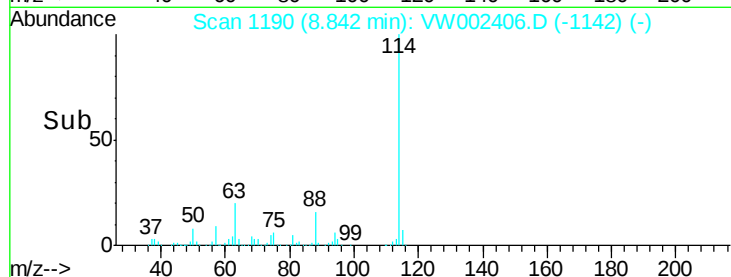
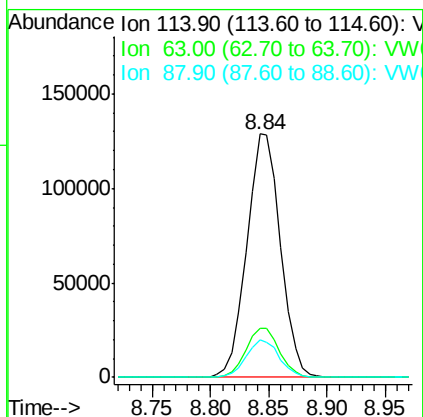
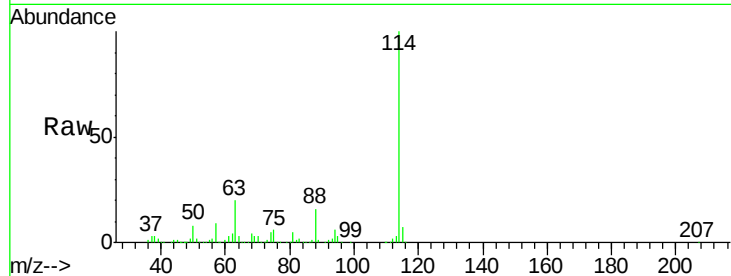




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW002406.D
 Acq: 11 May 2018 03:44

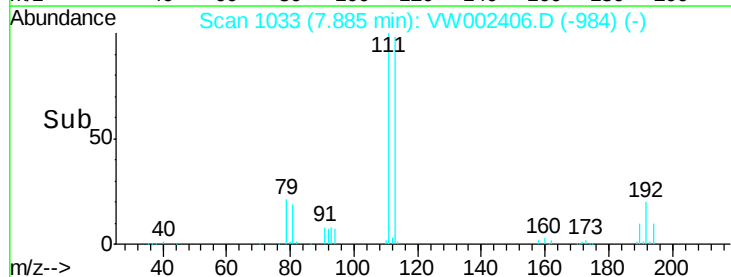
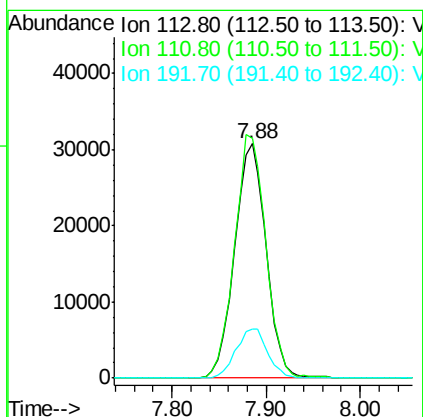
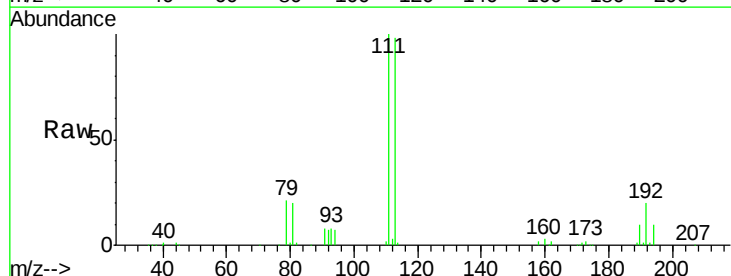
Instrument :
 MSVOA_W
 ClientSampleId :

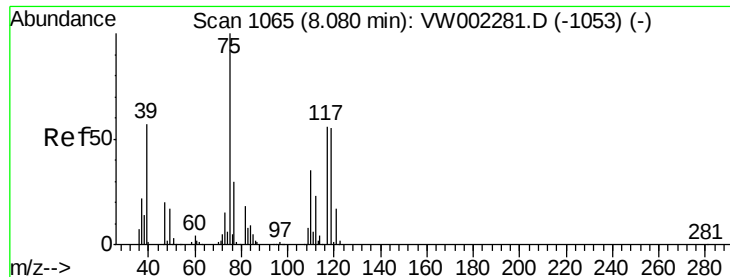
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	15.6	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 43.28 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW002406.D
 Acq: 11 May 2018 03:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.5	122.3
192	21.2	16.4	24.6





#36

1,1-Dichloropropene

Concen: 5.15 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW002406.D

Acq: 11 May 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

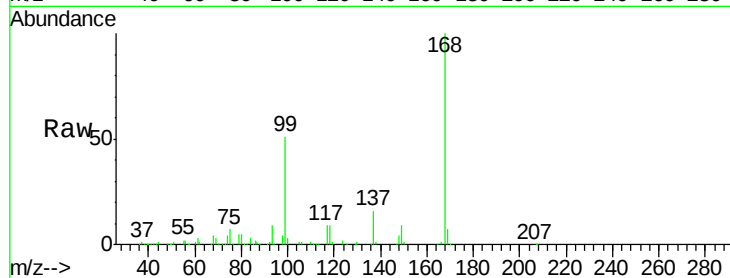
Tot Ion: 75 Resp: 12020

Ion Ratio Lower Upper

75 100

110 10.6 18.1 54.1#

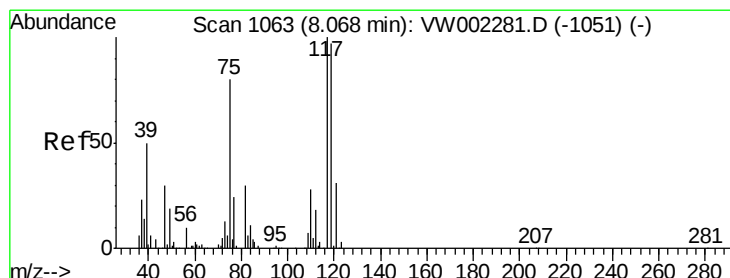
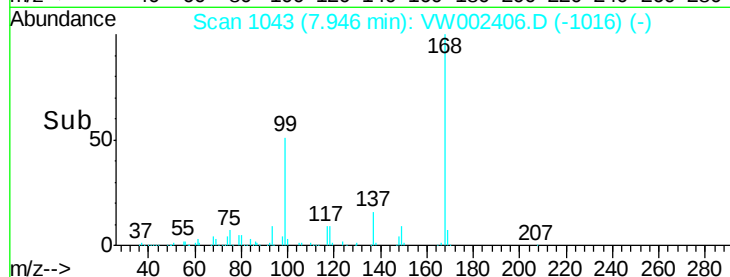
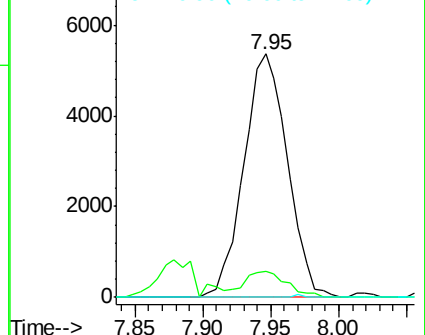
77 0.0 24.5 36.7#



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



#38

Carbon Tetrachloride

Concen: 6.83 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW002406.D

Acq: 11 May 2018 03:44

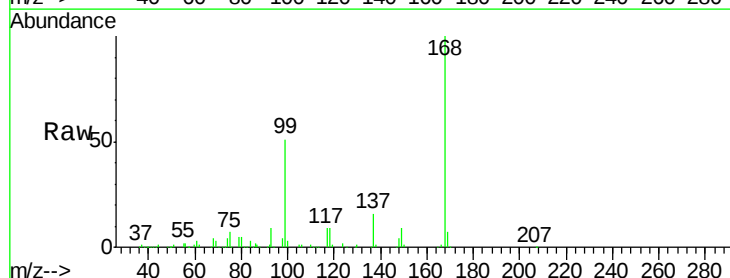
Tgt Ion: 117 Resp: 15431

Ion Ratio Lower Upper

117 100

119 6.1 77.5 116.3#

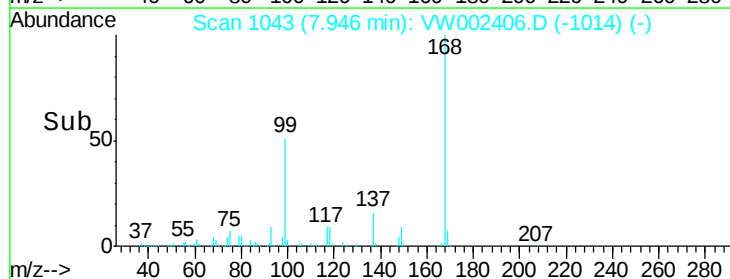
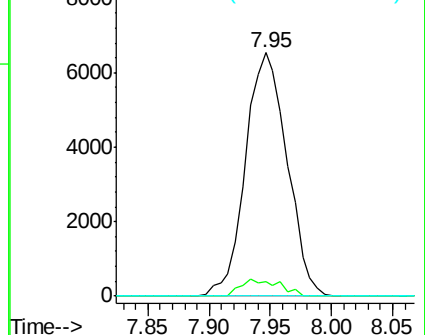
121 0.0 24.4 36.6#

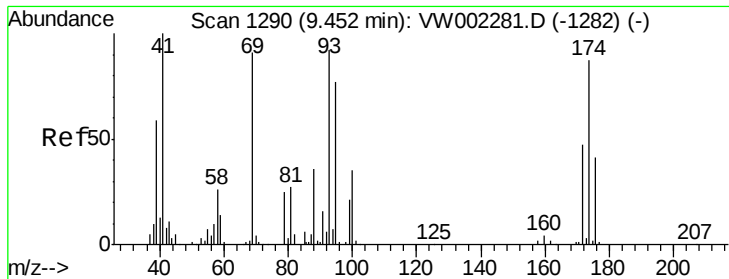


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 1.32 ug/l

RT: 9.32 min Scan# 1268

Delta R.T. -0.13 min

Lab File: VW002406.D

Acq: 11 May 2018 03:44

Instrument :
MSVOA_W
ClientSampled :

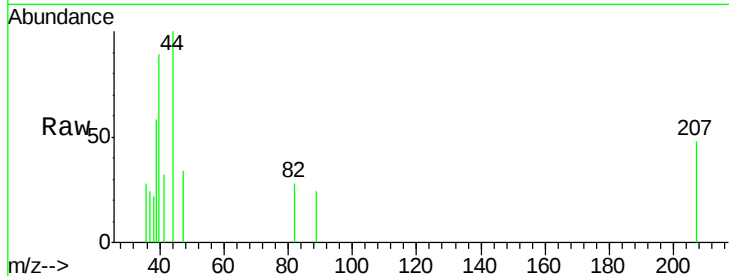
Tot Ion: 88 Resp: 20

Ion Ratio Lower Upper

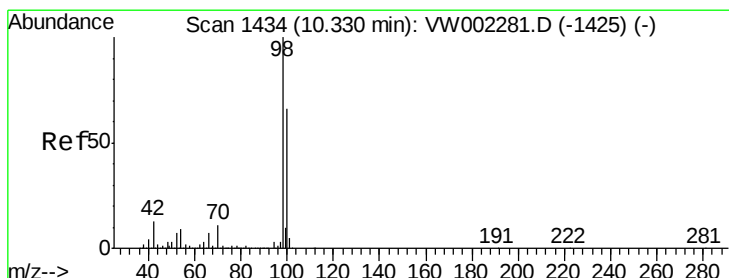
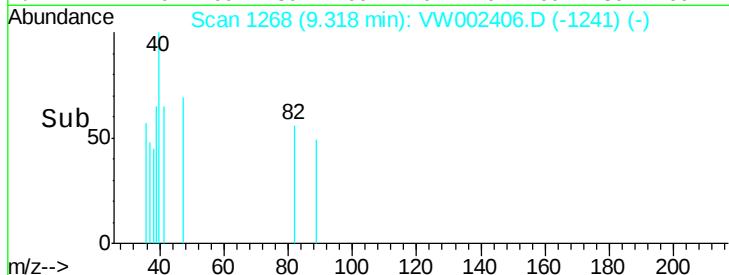
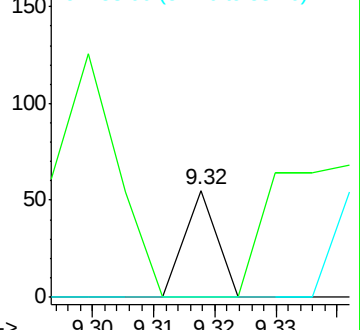
88 100

43 540.0 26.3 39.5#

58 0.0 56.0 84.0#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 35.81 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW002406.D

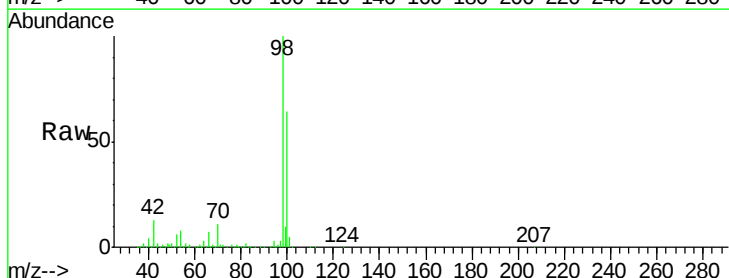
Acq: 11 May 2018 03:44

Tgt Ion: 98 Resp: 226002

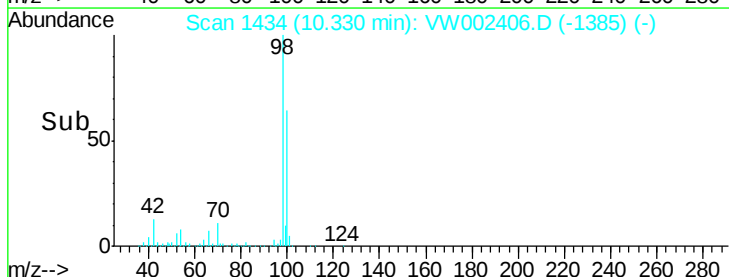
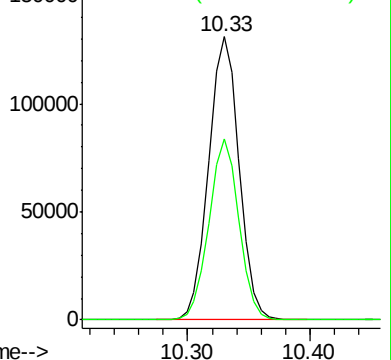
Ion Ratio Lower Upper

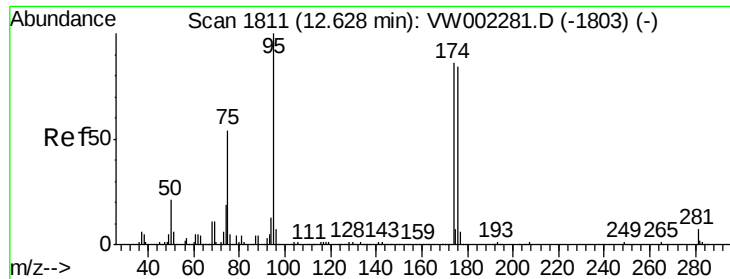
98 100

100 63.0 51.4 77.2



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

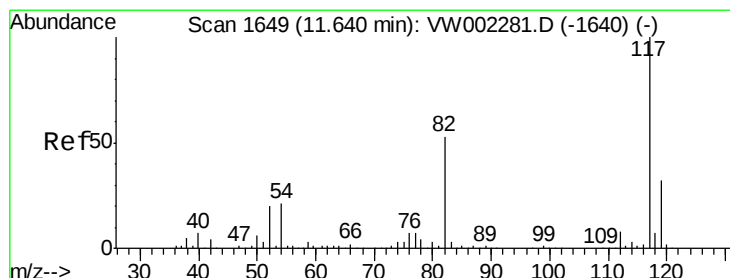
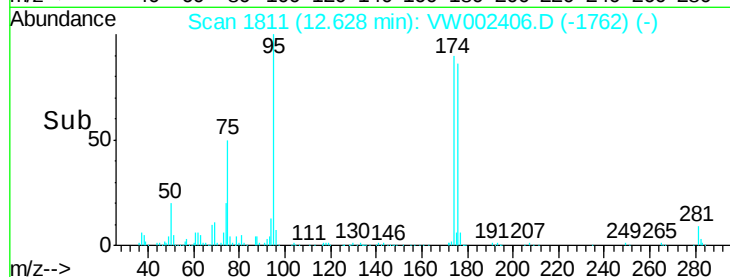
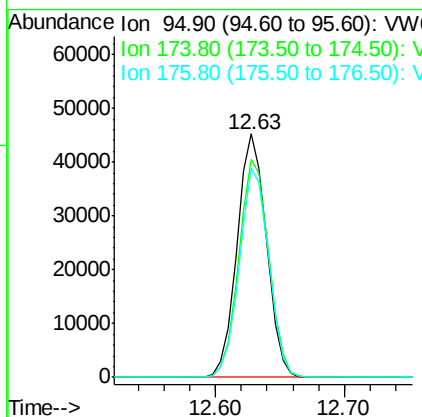
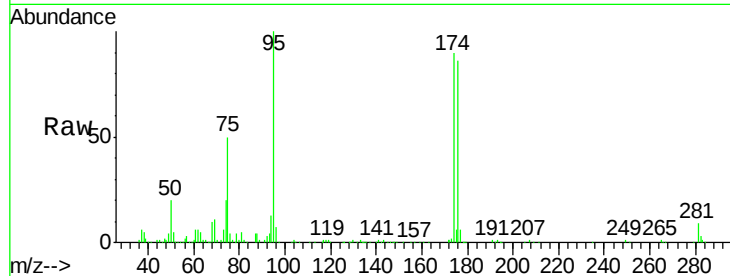




#62
4-Bromofluorobenzene
Concen: 31.21 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW002406.D
Acq: 11 May 2018 03:44

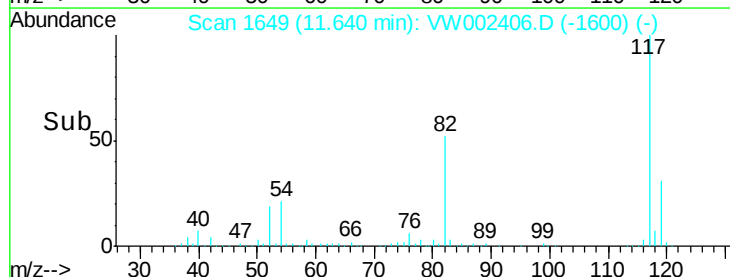
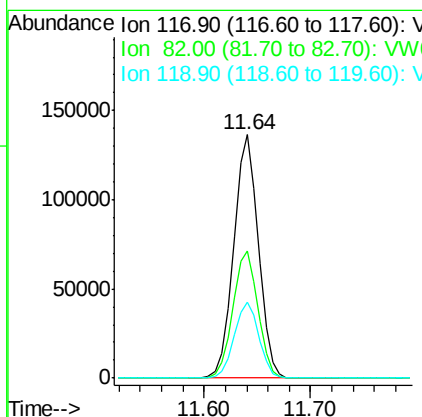
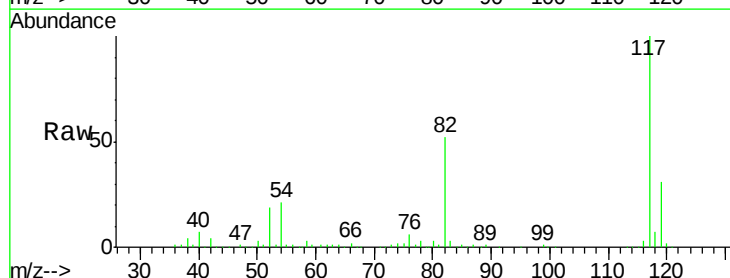
Instrument :
MSVOA_W
ClientSampleId :

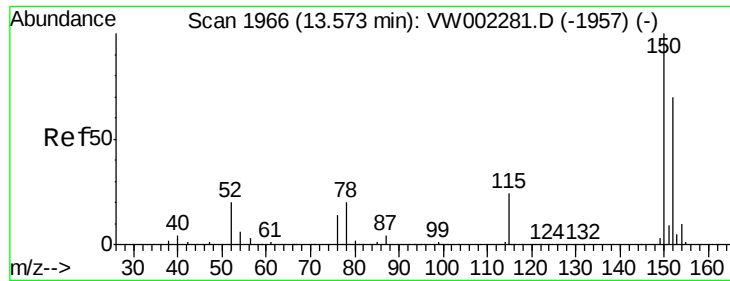
Tot Ion: 95 Resp: 71197
Ion Ratio Lower Upper
95 100
174 91.3 0.0 176.8
176 86.2 0.0 170.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002406.D
Acq: 11 May 2018 03:44

Tgt Ion: 117 Resp: 221668
Ion Ratio Lower Upper
117 100
82 52.0 42.6 63.8
119 31.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW002406.D

Acq: 11 May 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

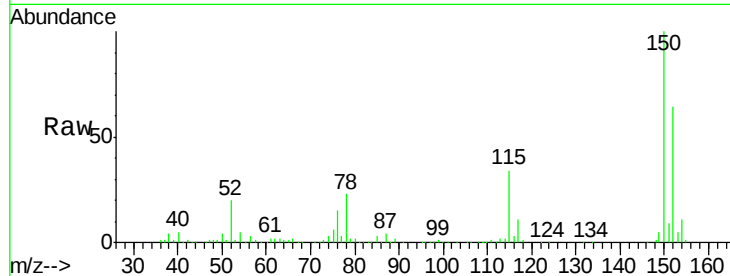
Tot Ion:152 Resp: 88765

Ion Ratio Lower Upper

152 100

115 54.8 28.5 85.5

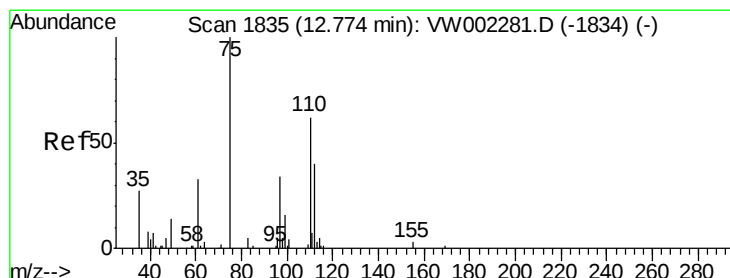
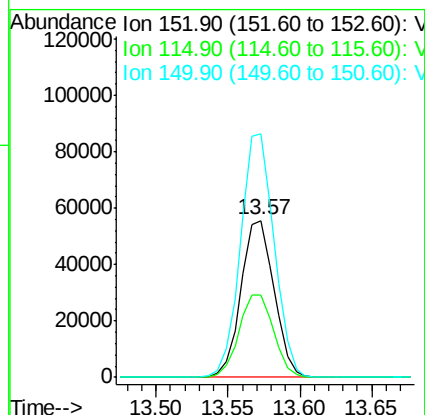
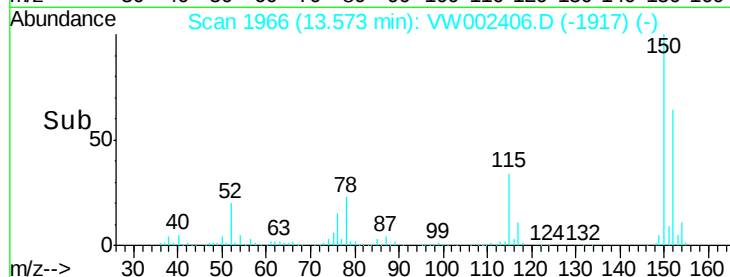
150 157.5 0.0 342.6



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: 46.83 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002406.D

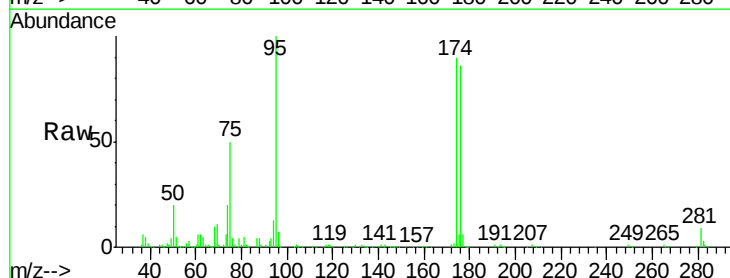
Acq: 11 May 2018 03:44

Tgt Ion: 75 Resp: 36861

Ion Ratio Lower Upper

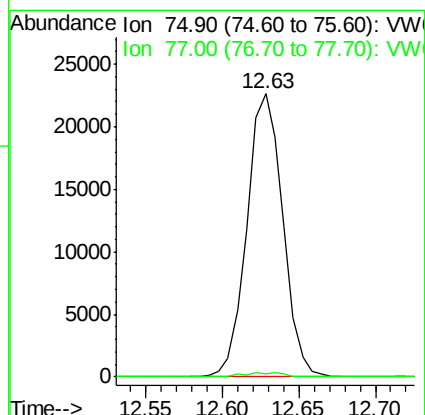
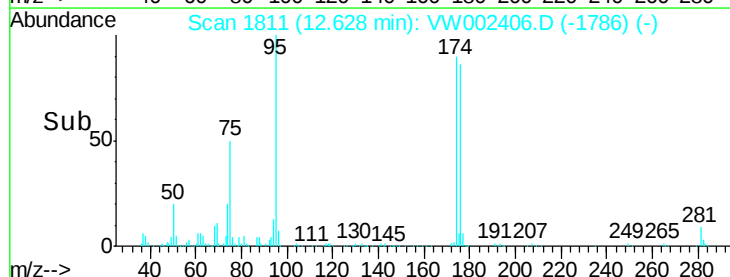
75 100

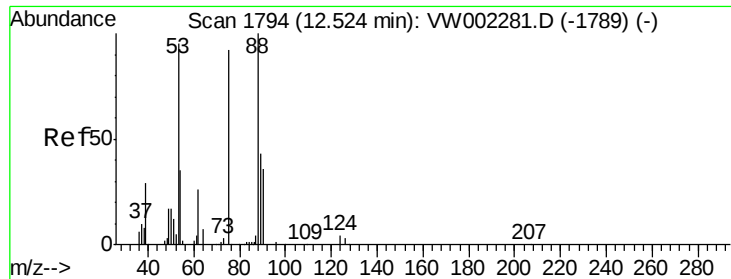
77 1.6 187.5 562.6#



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: 123.35 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002406.D

Acq: 11 May 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

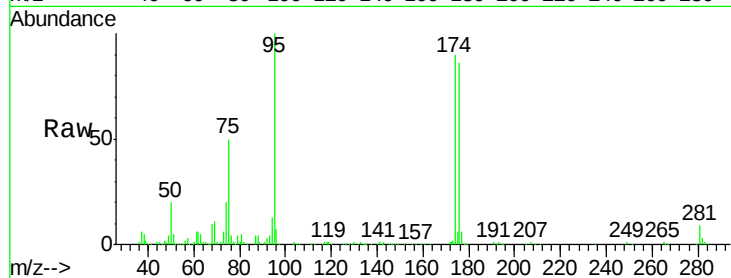
Tot Ion: 75 Resp: 36861

Ion Ratio Lower Upper

75 100

53 0.3 79.9 119.9#

89 0.3 37.6 56.4#



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

