

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005324.D
 Acq On : 12 Sep 2018 14:41
 Operator : SY/AP
 Sample : J4847-02RE
 Misc : 10.11G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 15:26:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	442655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	665372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	603038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	231790	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	171616	51.98	ug/l	0.00
Spiked Amount			Recovery	=	103.96%	
35) Dibromofluoromethane	7.89	113	161731	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
50) Toluene-d8	10.33	98	678930	38.55	ug/l	0.00
Spiked Amount			Recovery	=	77.10%	
62) 4-Bromofluorobenzene	12.63	95	205716	31.93	ug/l	0.00
Spiked Amount			Recovery	=	63.86%	

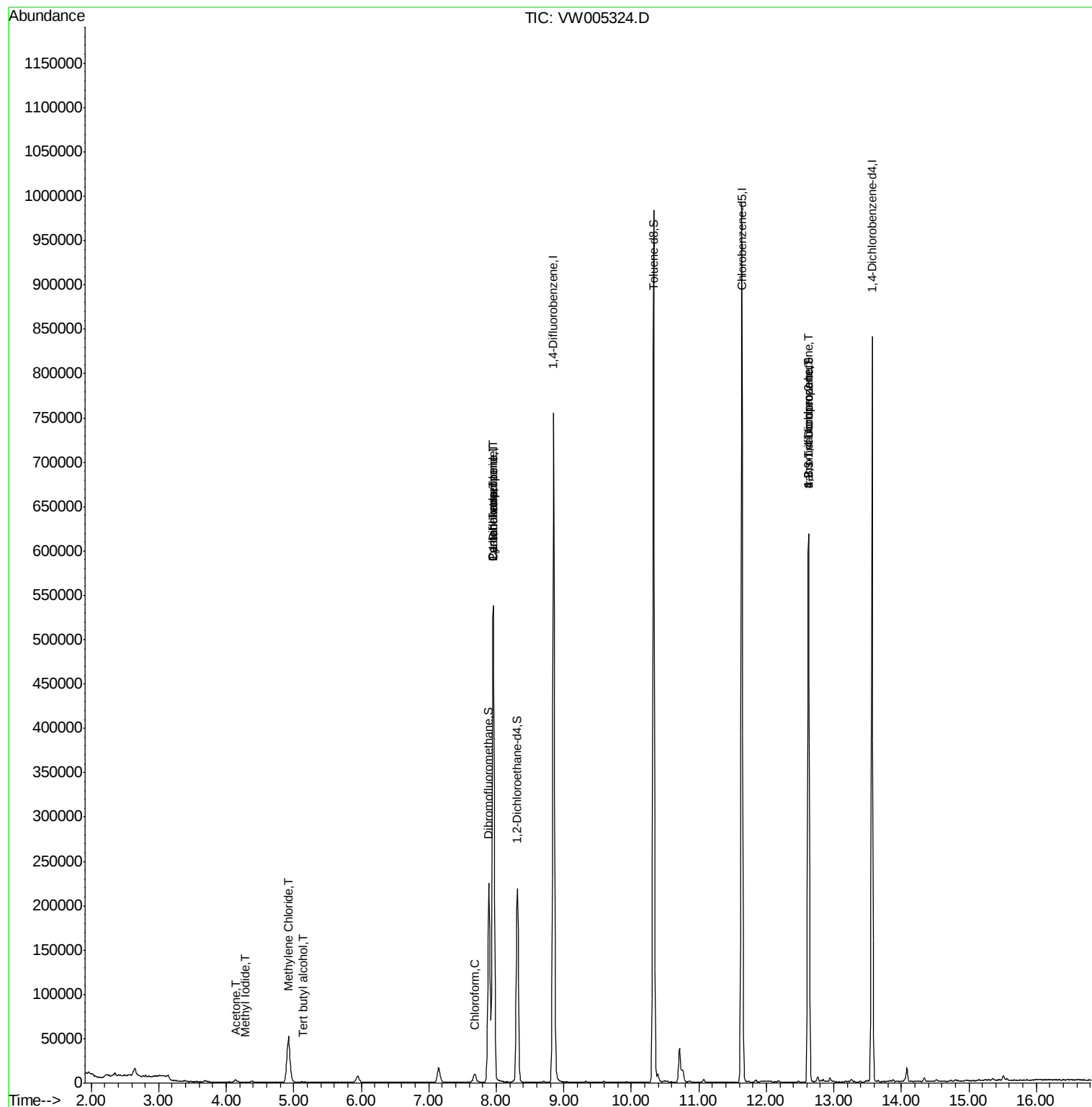
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	312	Below Cal	#	80
10) Methyl Iodide	4.28	142	179	3.362	ug/l #	60
11) Tert butyl alcohol	5.15	59	344	1.271	ug/l #	73
16) Acetone	4.14	43	4653	7.593	ug/l #	87
20) Methylene Chloride	4.92	84	44585	6.954	ug/l	98
30) Chloroform	7.68	83	6981	1.048	ug/l	87
31) Cyclohexane	7.95	56	7611	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	29646	4.863	ug/l #	48
38) Carbon Tetrachloride	7.96	117	38255	6.699	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	93520	52.456	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	93520	123.022	ug/l #	16

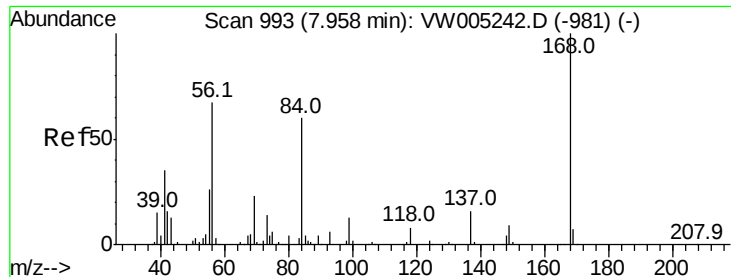
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091218\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005324.D

Acq: 12 Sep 2018 14:41

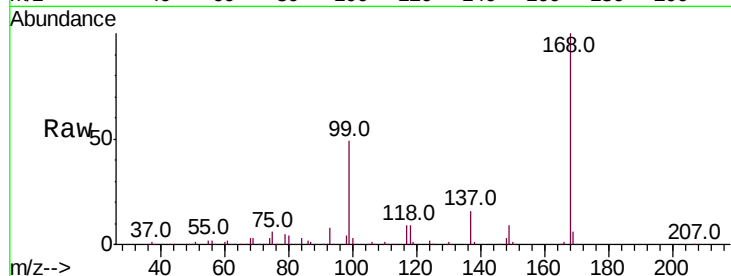
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 442655

Ion Ratio Lower Upper

168 100

99 48.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

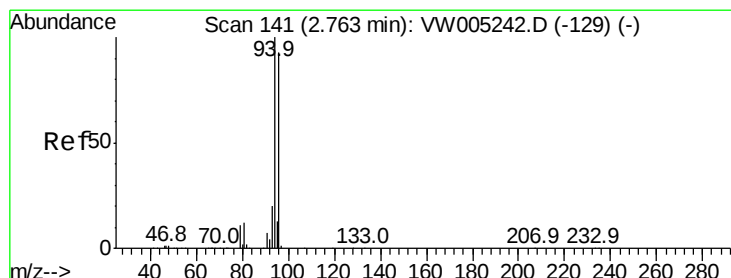
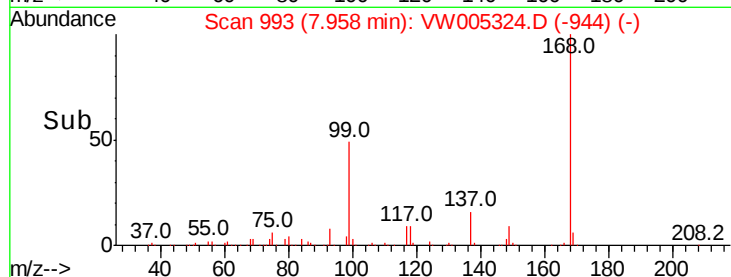
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW005324.D

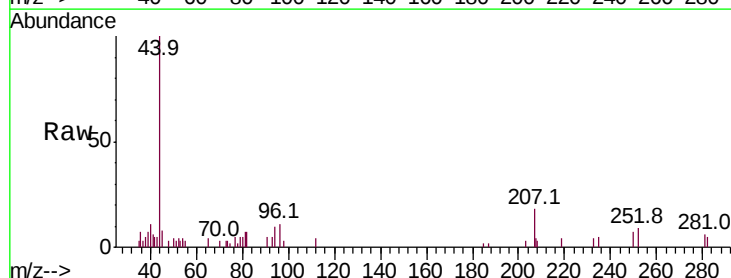
Acq: 12 Sep 2018 14:41

Tgt Ion: 94 Resp: 312

Ion Ratio Lower Upper

94 100

96 112.2 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

300

250

200

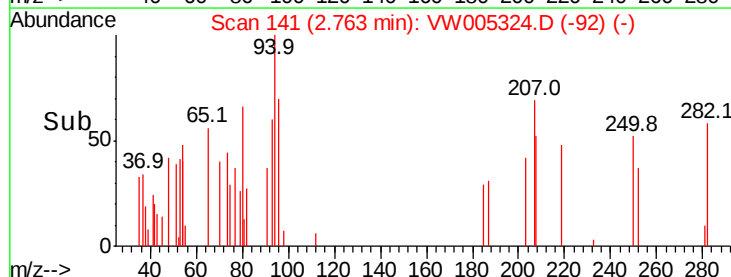
150

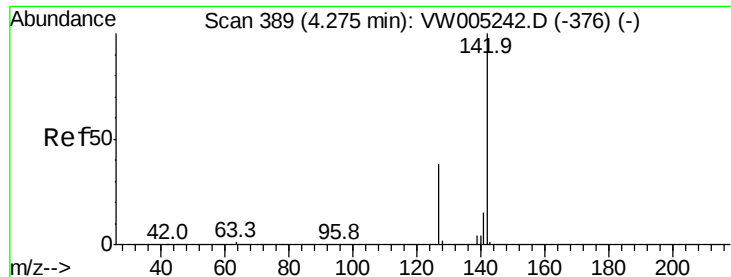
100

50

0

Time-->

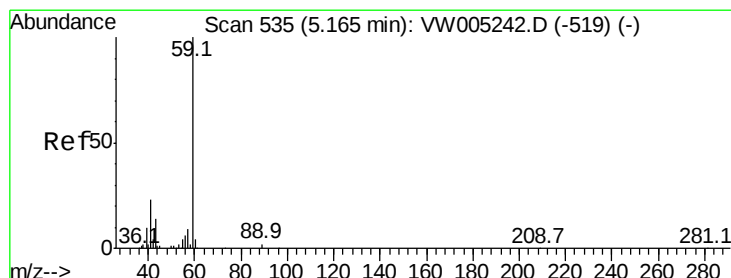
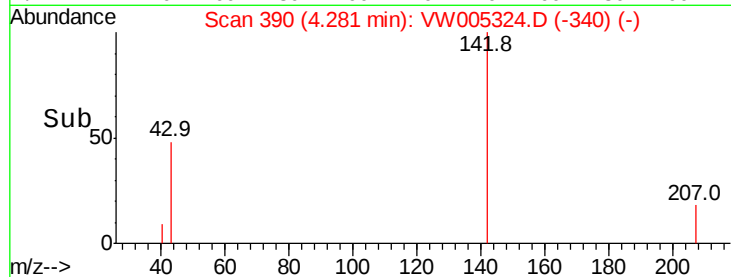
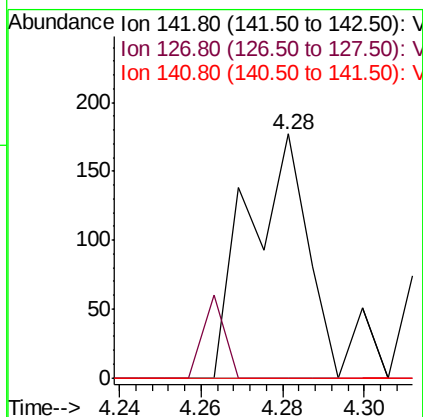
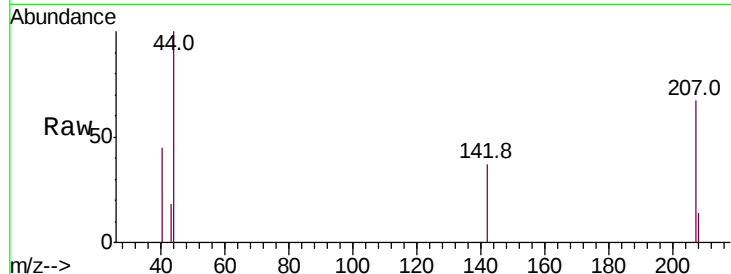




#10
Methyl Iodide
Concen: 3.362 ug/l
RT: 4.28 min Scan# 390
Delta R.T. 0.01 min
Lab File: VW005324.D
Acq: 12 Sep 2018 14:41

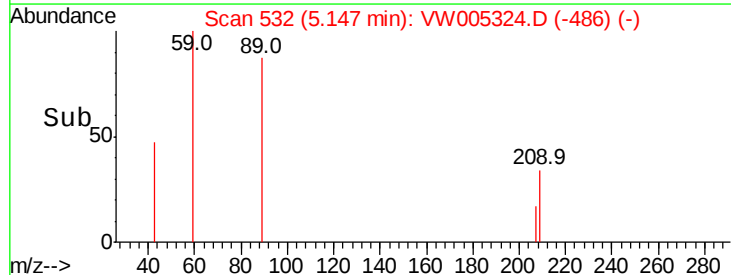
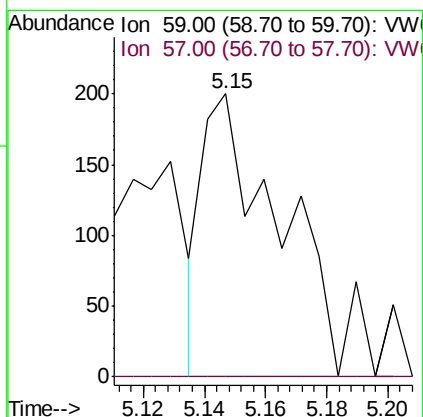
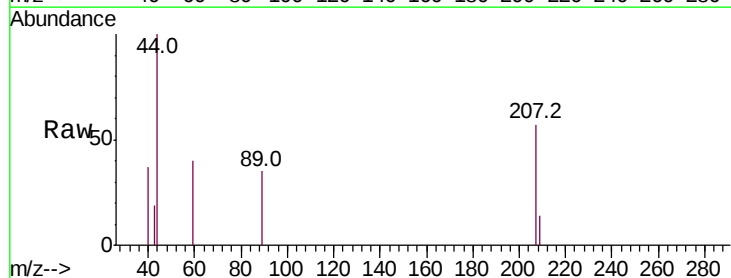
Instrument :
MSVOA_W
ClientSampled :

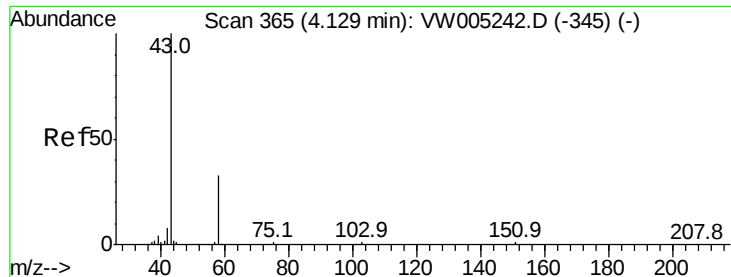
Tot Ion:142 Resp: 179
Ion Ratio Lower Upper
142 100
127 12.3 30.3 45.5#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.271 ug/l
RT: 5.15 min Scan# 532
Delta R.T. -0.02 min
Lab File: VW005324.D
Acq: 12 Sep 2018 14:41

Tgt Ion: 59 Resp: 344
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

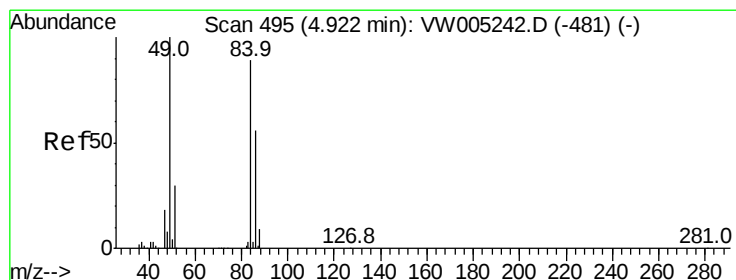
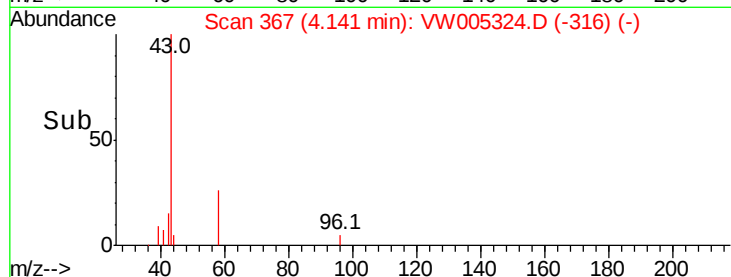
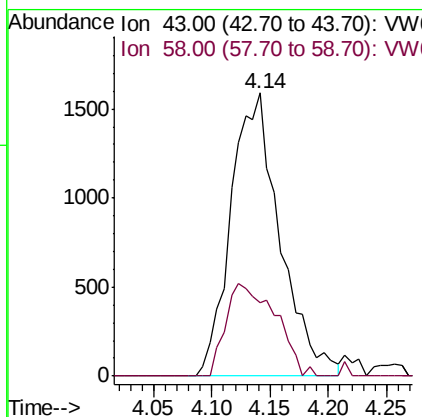
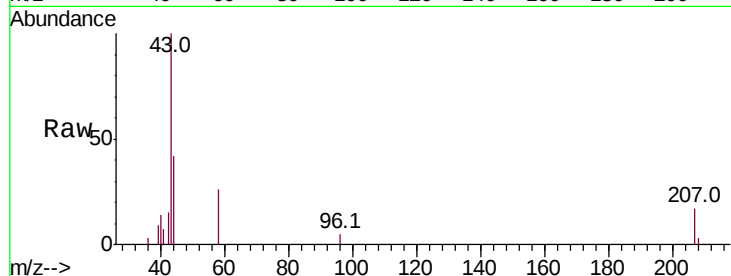




#16
Acetone
Concen: 7.593 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW005324.D
Acq: 12 Sep 2018 14:41

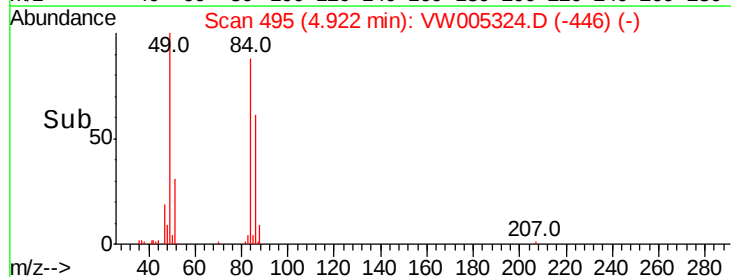
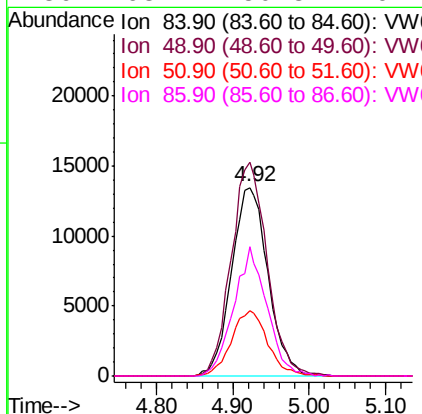
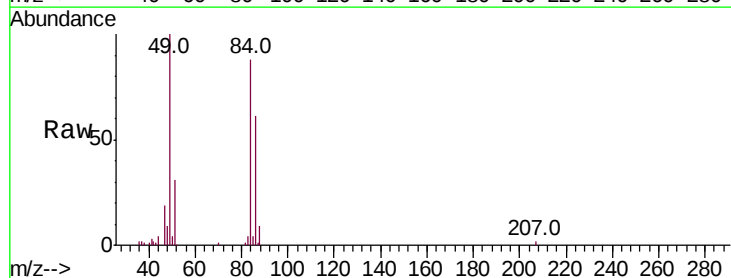
Instrument :
MSVOA_W
ClientSampleId :

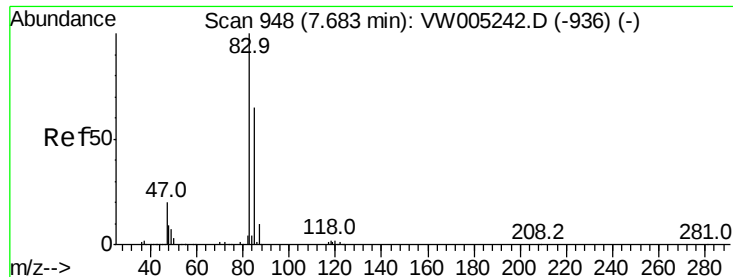
Tot Ion: 43 Resp: 4653
Ion Ratio Lower Upper
43 100
58 26.1 26.7 40.1#



#20
Methylene Chloride
Concen: 6.954 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005324.D
Acq: 12 Sep 2018 14:41

Tgt Ion: 84 Resp: 44585
Ion Ratio Lower Upper
84 100
49 113.2 90.3 135.5
51 34.6 26.9 40.3
86 68.7 50.8 76.2

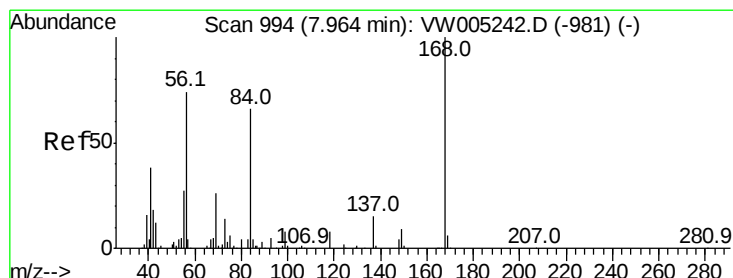
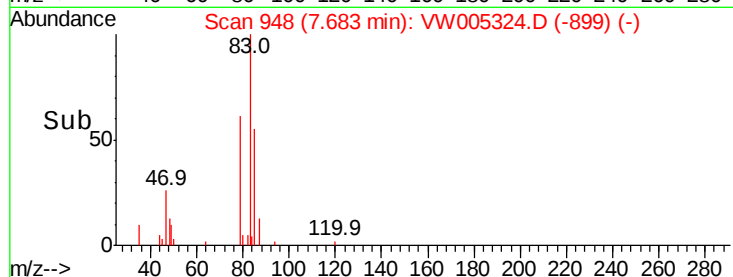
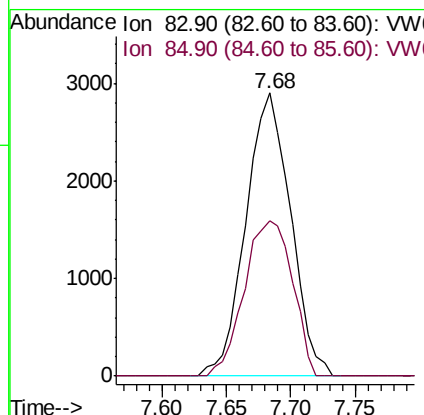
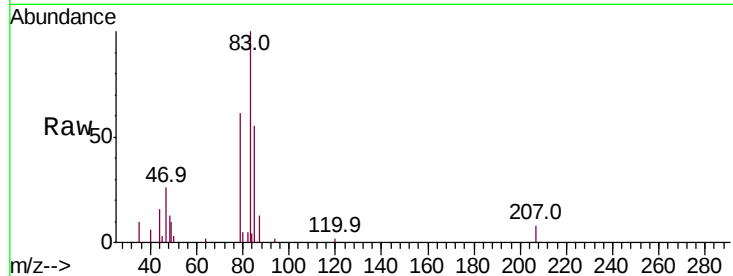




#30
Chloroform
Concen: 1.048 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005324.D
Acq: 12 Sep 2018 14:41

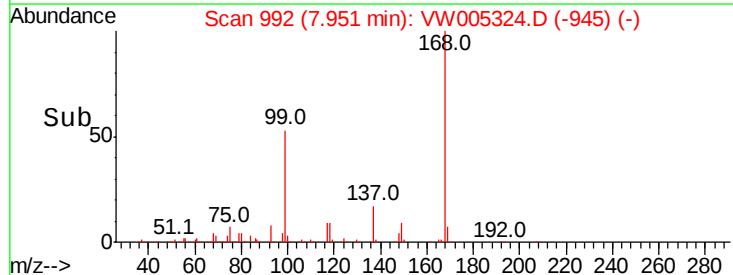
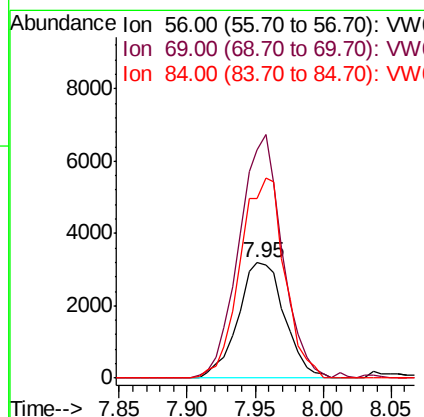
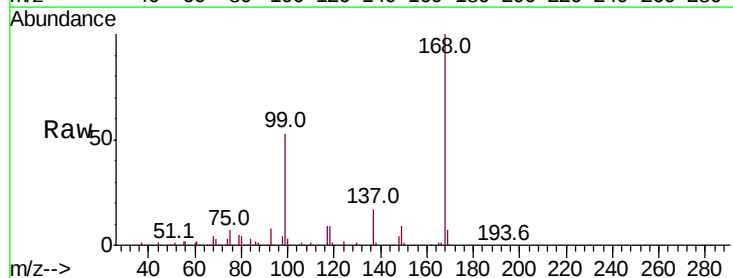
Instrument :
MSVOA_W
ClientSampleId :

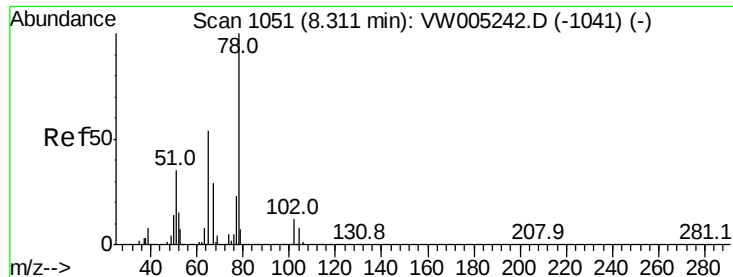
Tot Ion: 83 Resp: 6981
Ion Ratio Lower Upper
83 100
85 54.7 51.7 77.5



#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005324.D
Acq: 12 Sep 2018 14:41

Tgt Ion: 56 Resp: 7611
Ion Ratio Lower Upper
56 100
69 197.9 27.8 41.8#
84 156.4 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 51.980 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005324.D

Acq: 12 Sep 2018 14:41

Instrument :

MSVOA_W

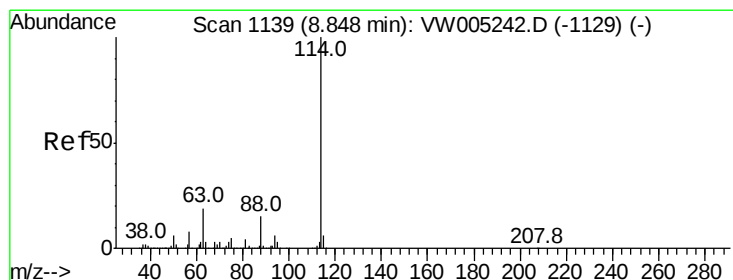
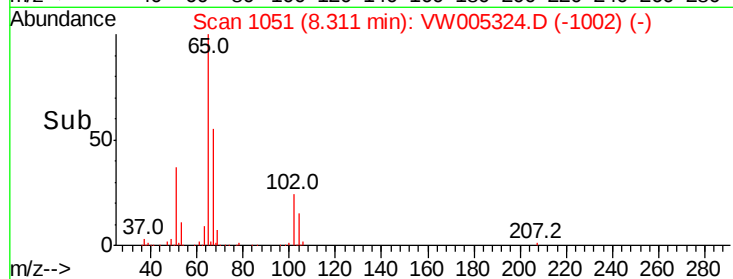
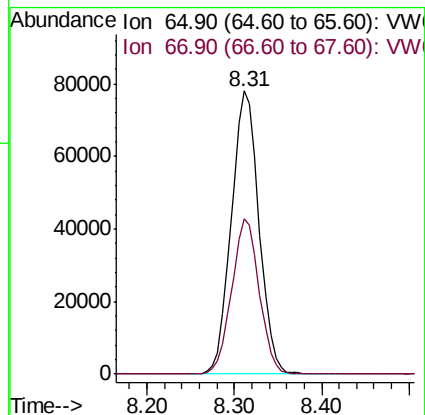
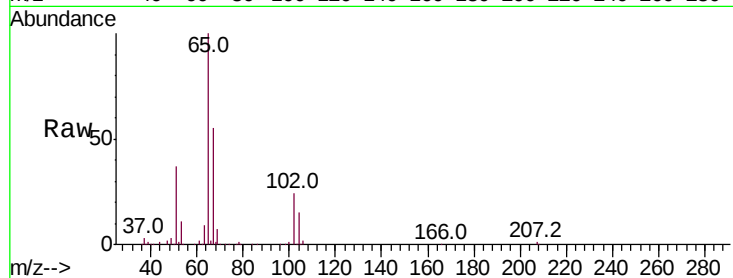
ClientSampleId :

Tot Ion: 65 Resp: 171616

Ion Ratio Lower Upper

65 100

67 54.6 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005324.D

Acq: 12 Sep 2018 14:41

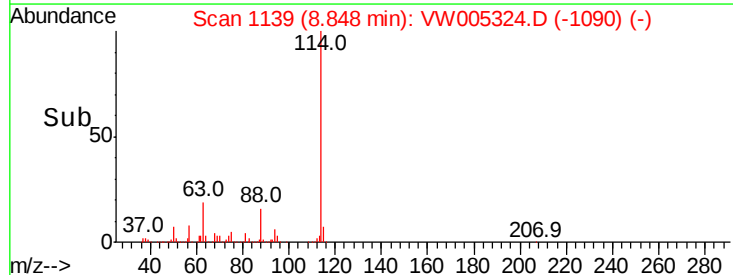
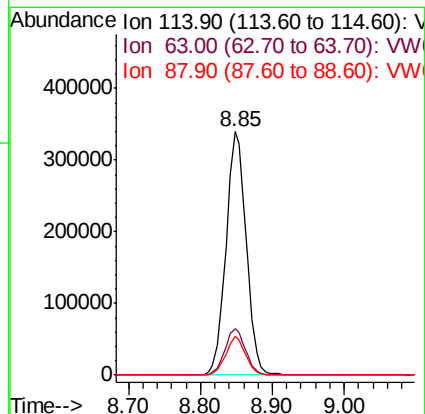
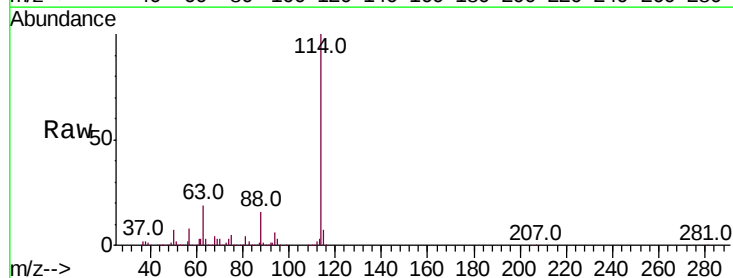
Tgt Ion: 114 Resp: 665372

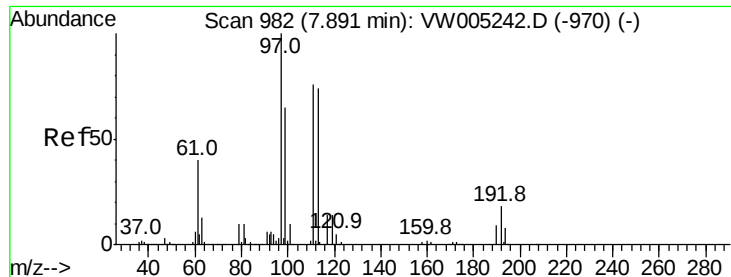
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.0

88 15.9 0.0 30.4

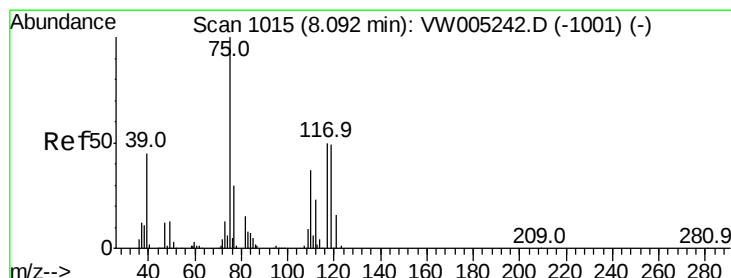
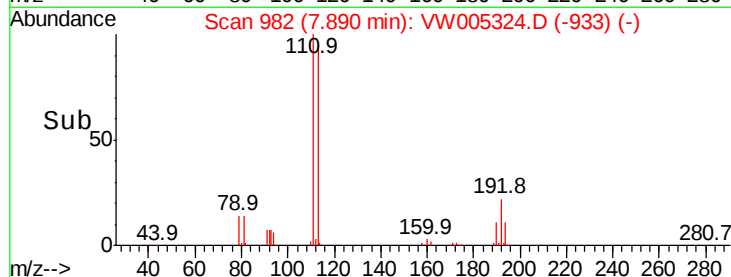
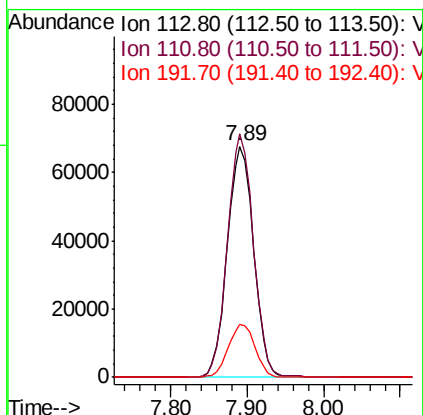
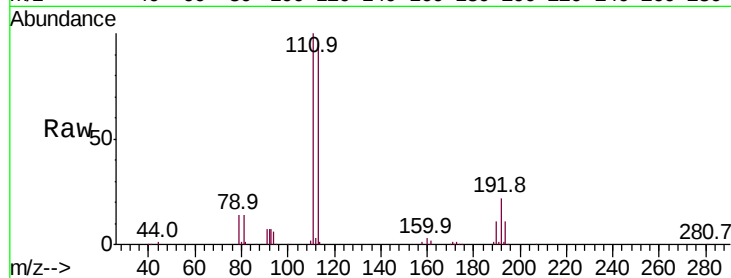




#35
 Dibromofluoromethane
 Concen: 46.402 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005324.D
 Acq: 12 Sep 2018 14:41

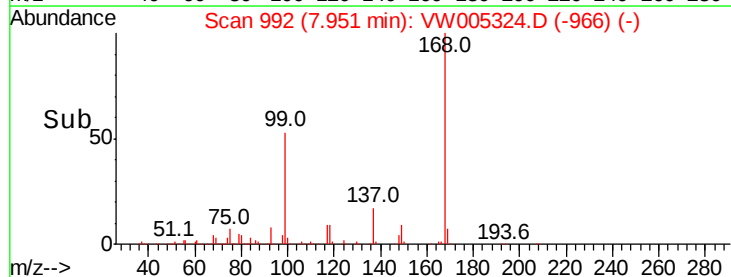
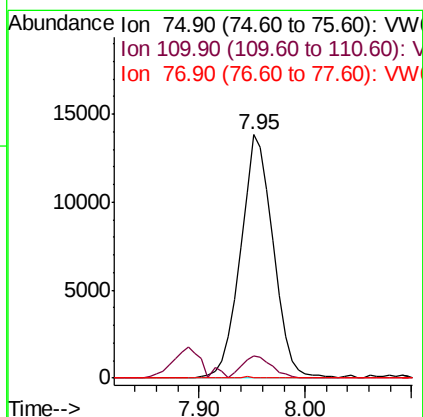
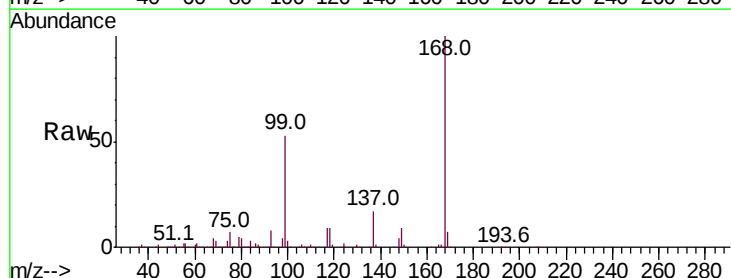
Instrument :
 MSVOA_W
 ClientSampleId :

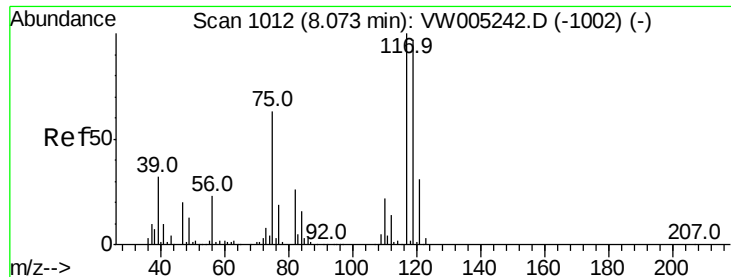
Tot Ion:113 Resp: 161731
 Ion Ratio Lower Upper
 113 100
 111 103.6 80.6 121.0
 192 23.1 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 4.863 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.14 min
 Lab File: VW005324.D
 Acq: 12 Sep 2018 14:41

Tgt Ion: 75 Resp: 29646
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.8 56.4#
 77 0.2 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.699 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005324.D

Acq: 12 Sep 2018 14:41

Instrument :

MSVOA_W

ClientSampled :

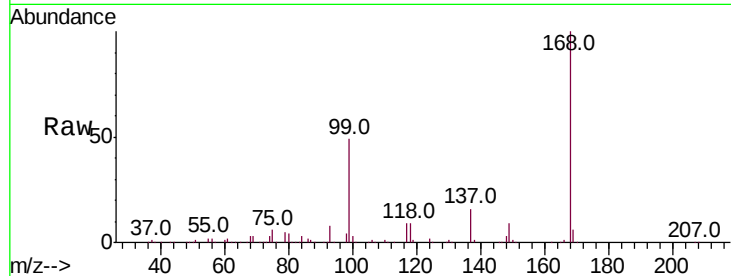
Tot Ion:117 Resp: 38255

Ion Ratio Lower Upper

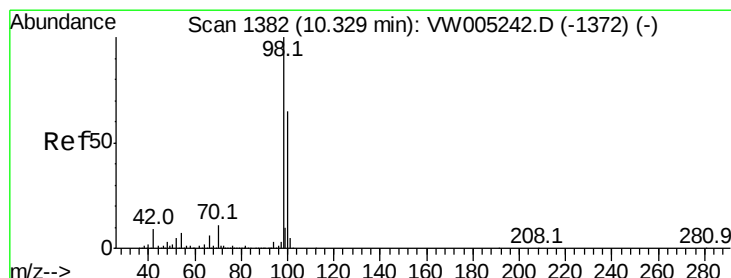
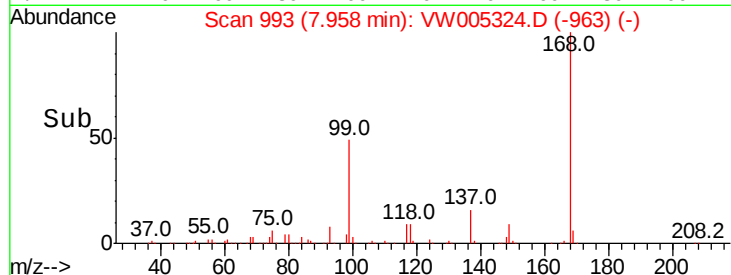
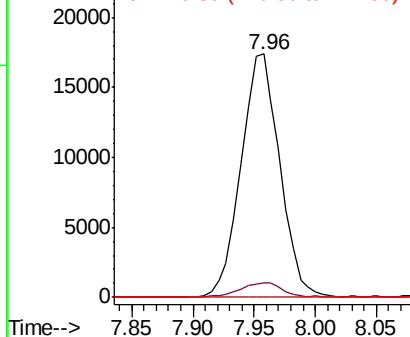
117 100

119 5.8 77.5 116.3#

121 0.0 24.7 37.1#



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: 38.548 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005324.D

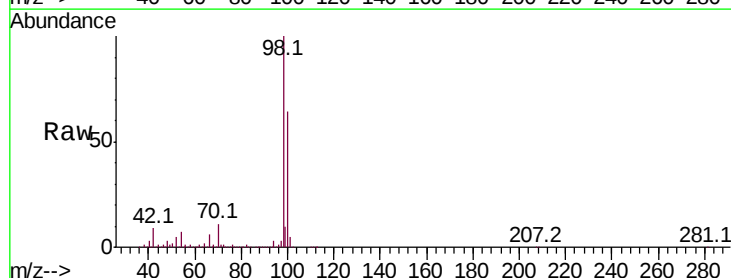
Acq: 12 Sep 2018 14:41

Tgt Ion: 98 Resp: 678930

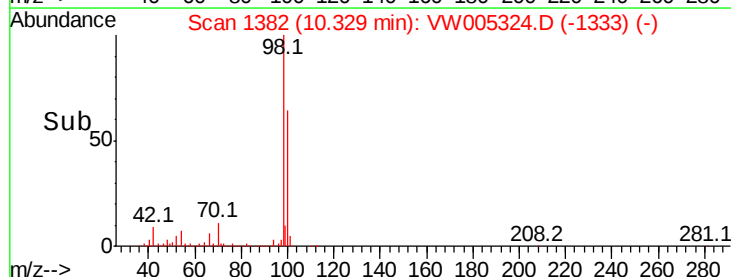
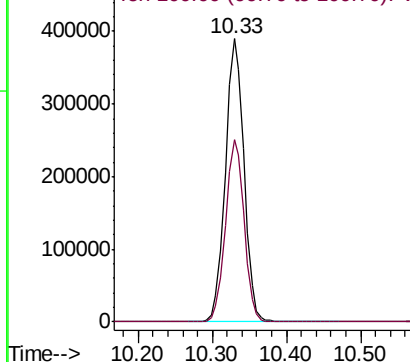
Ion Ratio Lower Upper

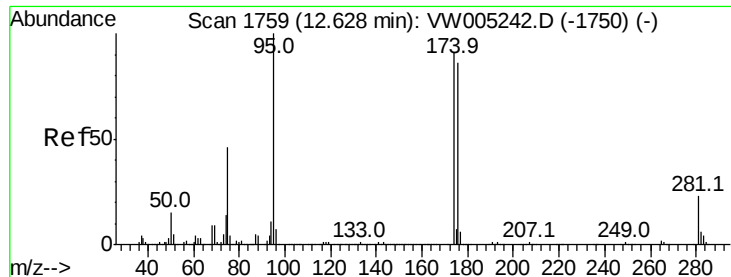
98 100

100 64.3 52.0 78.0



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

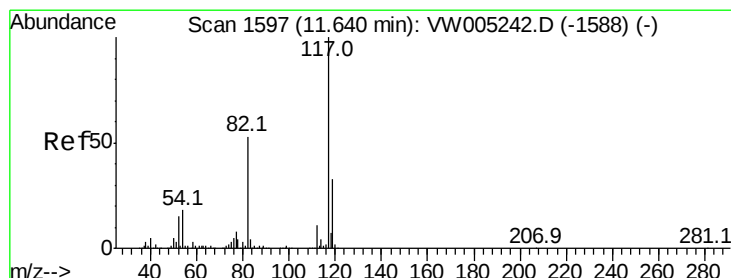
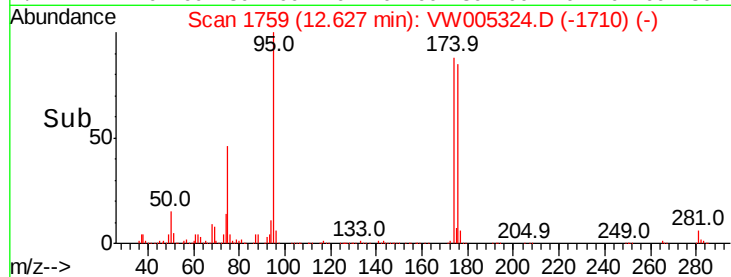
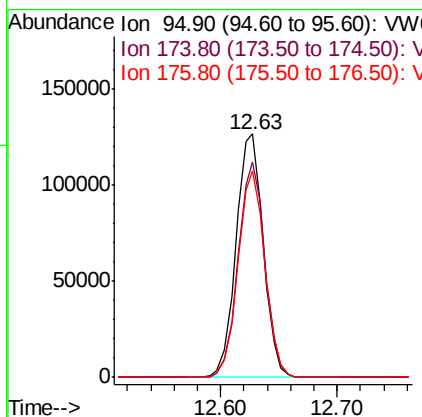
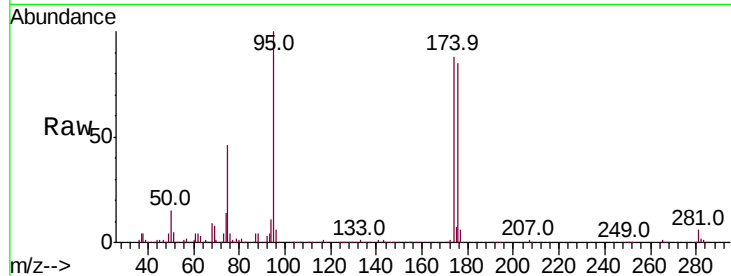




#62
4-Bromofluorobenzene
Concen: 31.933 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. -0.00 min
Lab File: VW005324.D
Acq: 12 Sep 2018 14:41

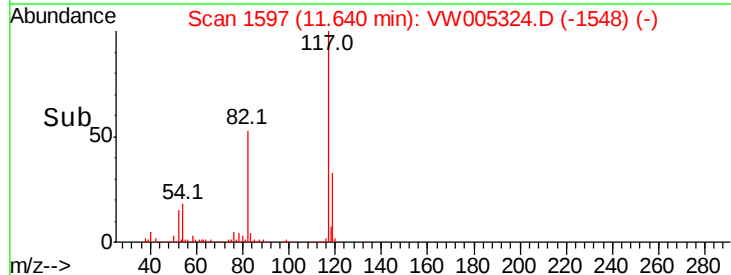
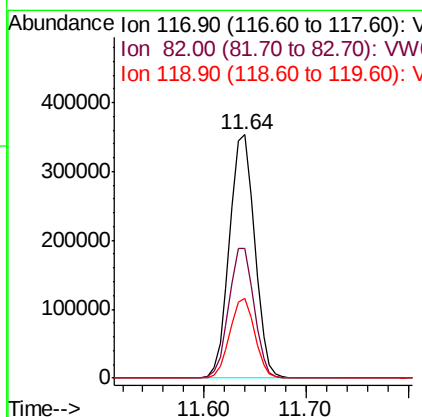
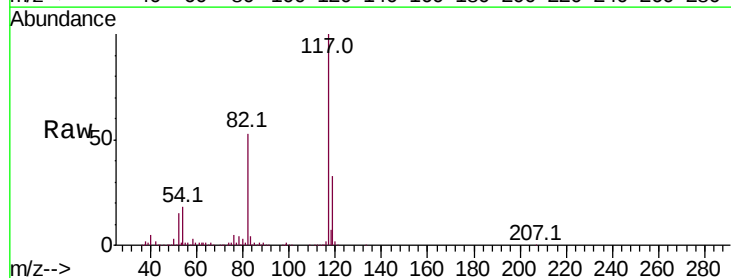
Instrument :
MSVOA_W
ClientSampleId :

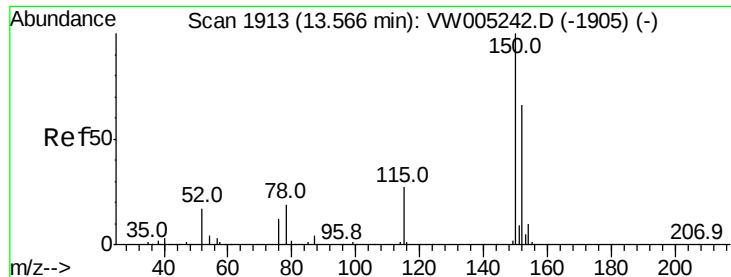
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	174.6
176	83.5	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005324.D
Acq: 12 Sep 2018 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.6	63.8
119	32.8	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005324.D

Acq: 12 Sep 2018 14:41

Instrument :

MSVOA_W

ClientSampleId :

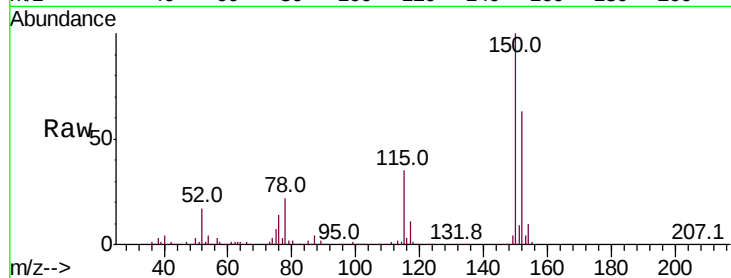
Tot Ion:152 Resp: 231790

Ion Ratio Lower Upper

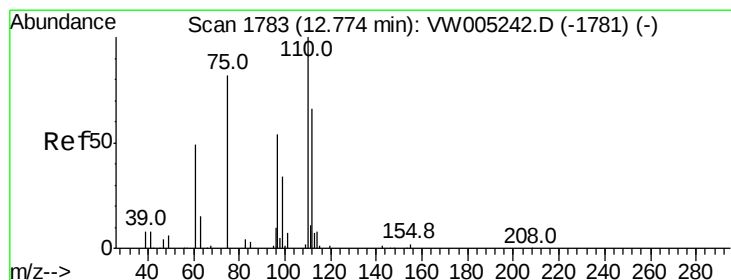
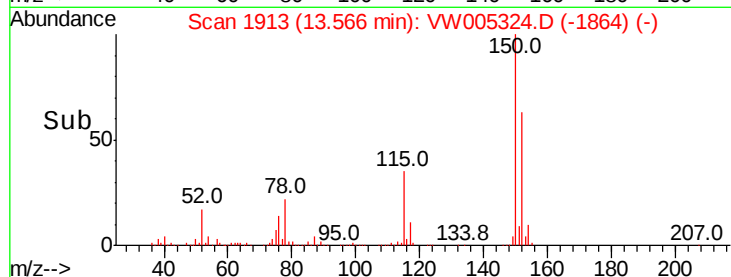
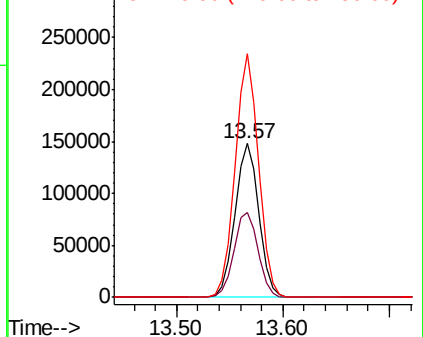
152 100

115 56.2 27.5 82.4

150 156.0 0.0 347.4



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: 52.456 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW005324.D

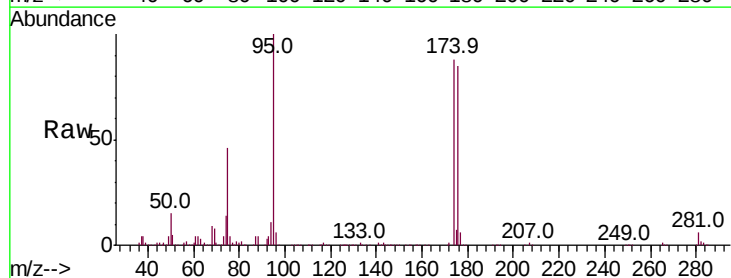
Acq: 12 Sep 2018 14:41

Tgt Ion: 75 Resp: 93520

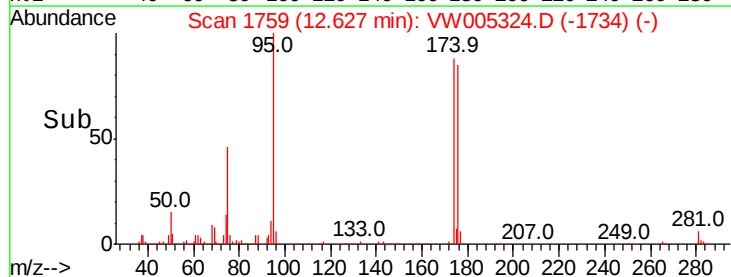
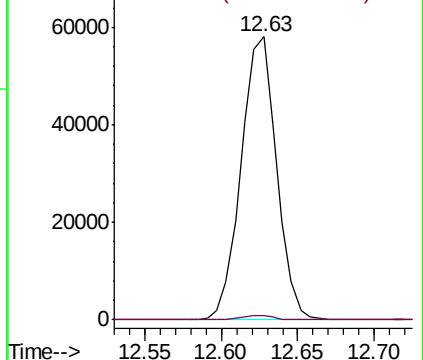
Ion Ratio Lower Upper

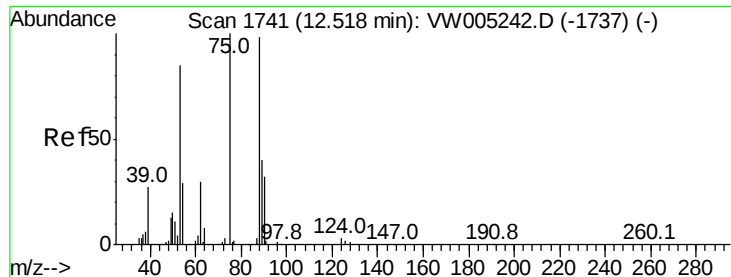
75 100

77 1.5 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: 123.022 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005324.D

Acq: 12 Sep 2018 14:41

Instrument :

MSVOA_W

ClientSampleId :

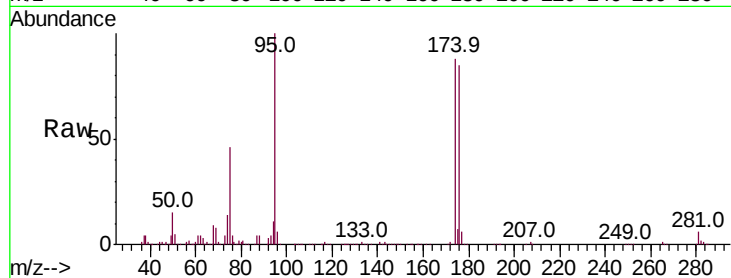
Tot Ion: 75 Resp: 93520

Ion Ratio Lower Upper

75 100

53 0.2 67.0 100.6#

89 0.0 37.0 55.4#



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

