

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
 Data File : VW005301.D
 Acq On : 12 Sep 2018 04:14
 Operator : SY/AP
 Sample : J4777-07
 Misc : 5.90G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-D

Quant Time: Sep 12 06:47:06 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	7.95	168	319509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	538680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	343036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	78386	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	165246	69.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.68%	
35) Dibromofluoromethane	7.89	113	68598	24.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.62%	
50) Toluene-d8	10.33	98	432658	30.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.68%	
62) 4-Bromofluorobenzene	12.62	95	86520	16.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	33.18%	

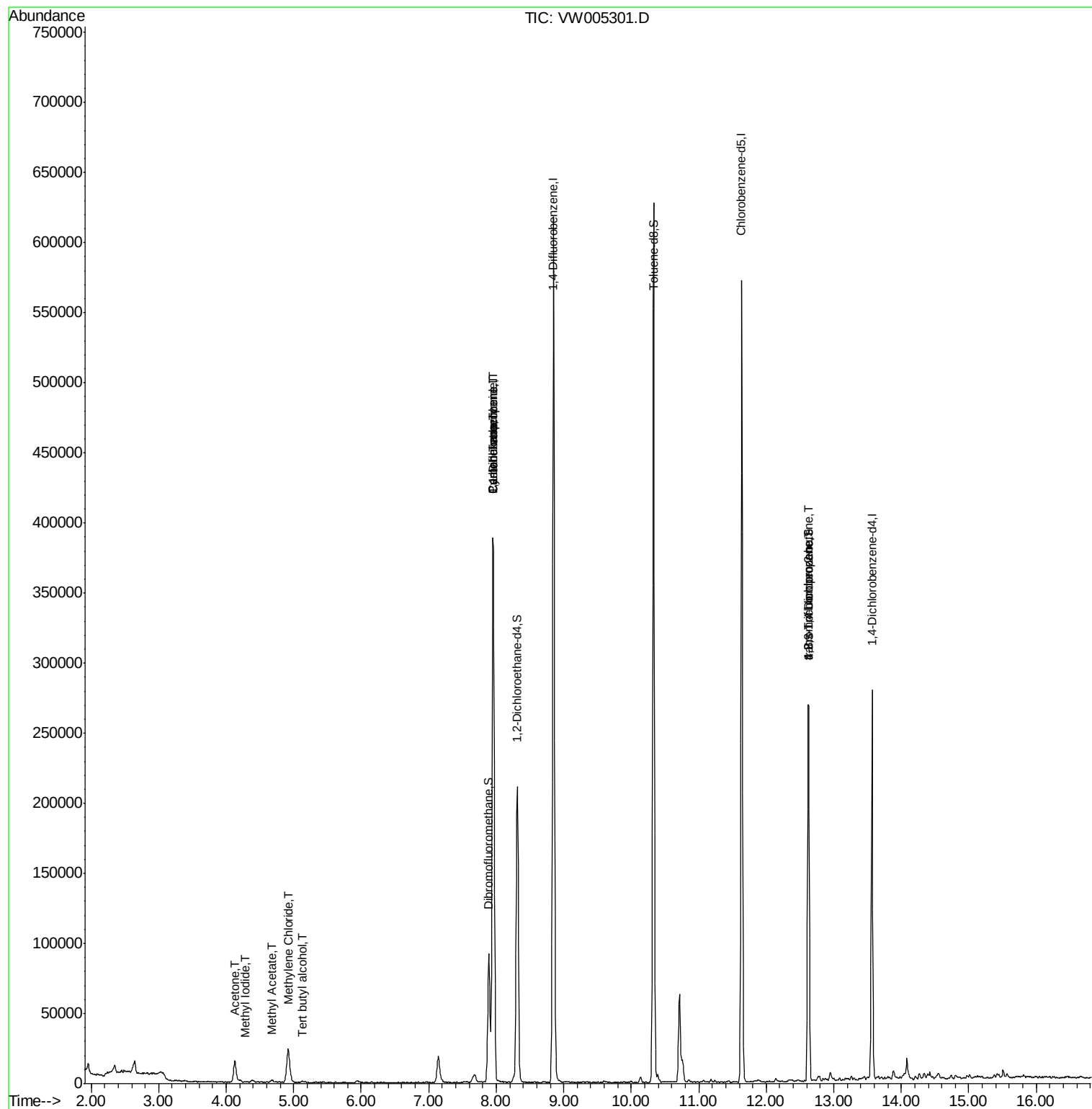
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	316	Below Cal	#	39
10) Methyl Iodide	4.28	142	333	3.418	ug/l #	45
11) Tert butyl alcohol	5.13	59	810	4.145	ug/l #	73
16) Acetone	4.13	43	27168	61.419	ug/l	95
18) Methyl Acetate	4.68	43	3124	2.366	ug/l #	48
20) Methylene Chloride	4.92	84	19570	2.848	ug/l	94
31) Cyclohexane	7.95	56	5324	1.044	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21129	4.281	ug/l #	48
38) Carbon Tetrachloride	7.95	117	27365	5.919	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	39787	65.992	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	39787	154.766	ug/l #	16

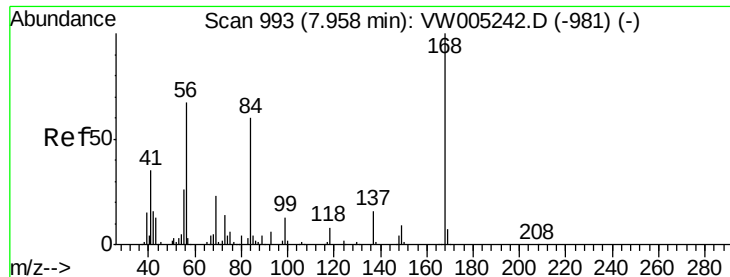
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
Data File : VW005301.D
Acq On : 12 Sep 2018 04:14
Operator : SY/AP
Sample : J4777-07
Misc : 5.90G/5ML/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-D

Quant Time: Sep 12 06:47:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005301.D

Acq: 12 Sep 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

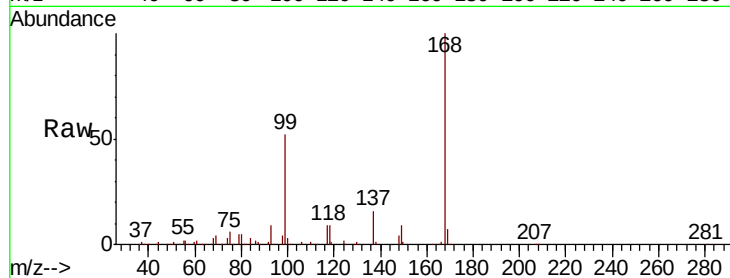
PL-05-090718-D

Tgt Ion:168 Resp: 319509

Ion Ratio Lower Upper

168 100

99 52.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

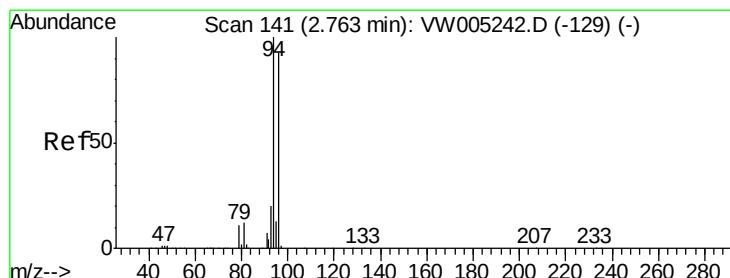
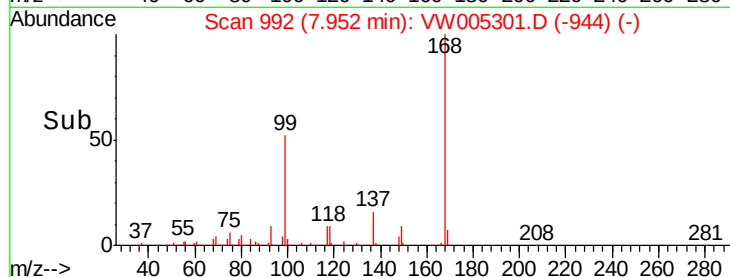
100000

50000

0

7.90 8.00 8.10

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW005301.D

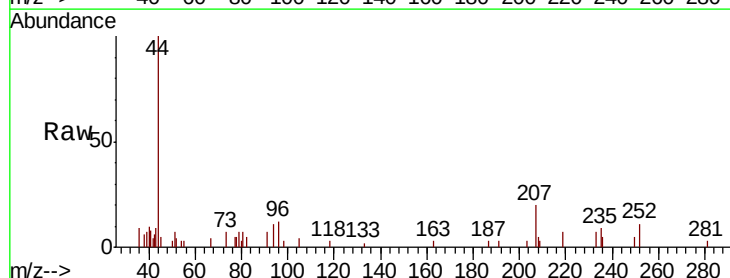
Acq: 12 Sep 2018 04:14

Tgt Ion: 94 Resp: 316

Ion Ratio Lower Upper

94 100

96 34.0 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

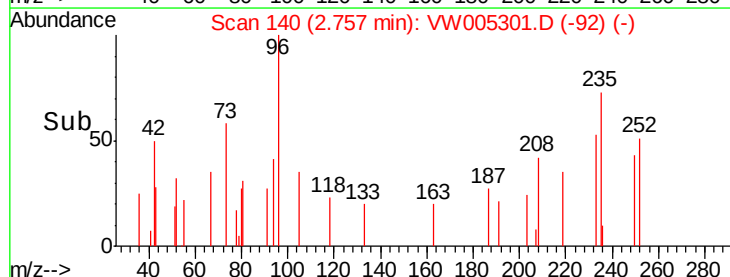
200

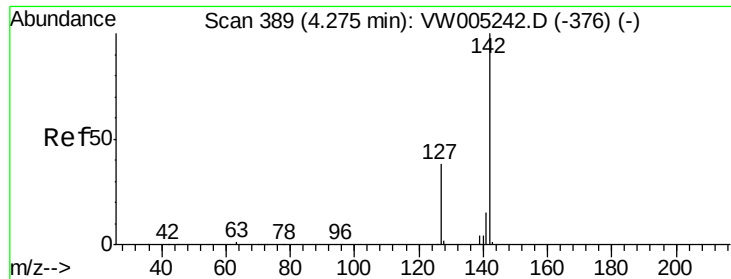
100

0

2.74 2.76 2.78

Time-->

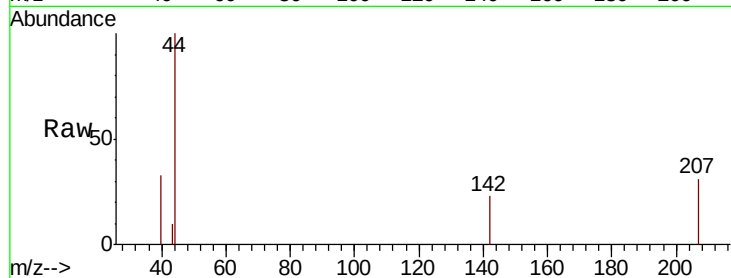




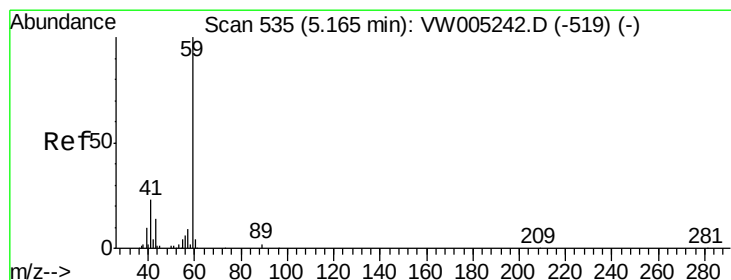
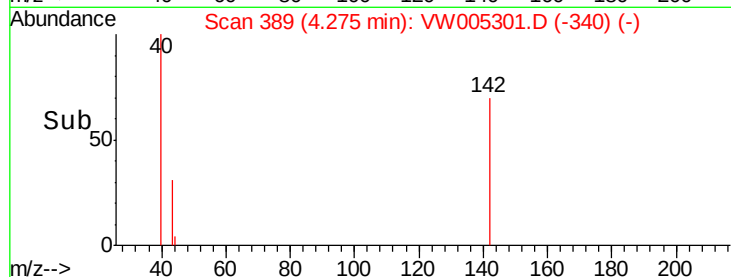
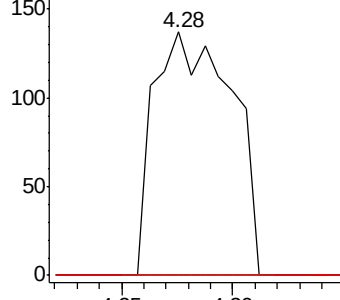
#10
Methyl Iodide
Concen: 3.418 ug/l
RT: 4.28 min Scan# 389
Delta R.T. 0.00 min
Lab File: VW005301.D
Acq: 12 Sep 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-D

Tgt Ion: 142 Resp: 333
Ion Ratio Lower Upper
142 100
127 0.0 30.3 45.5#
141 0.0 11.4 17.0#

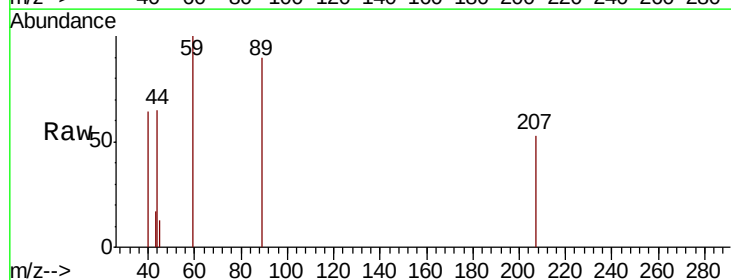


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

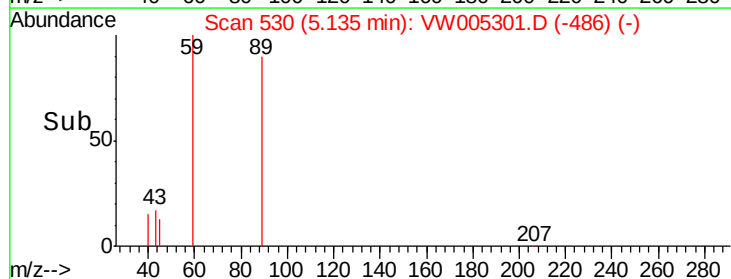
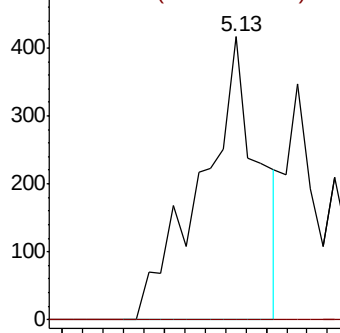


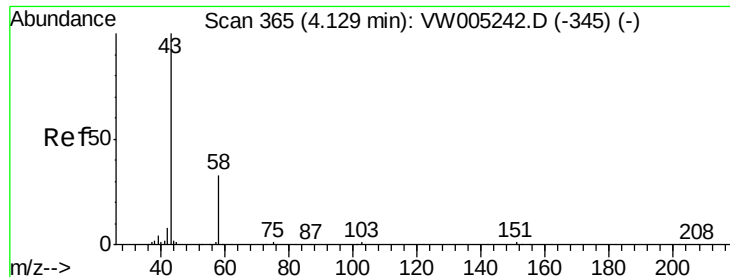
#11
Tert butyl alcohol
Concen: 4.145 ug/l
RT: 5.13 min Scan# 530
Delta R.T. -0.03 min
Lab File: VW005301.D
Acq: 12 Sep 2018 04:14

Tgt Ion: 59 Resp: 810
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VW
Ion 57.00 (56.70 to 57.70): VW

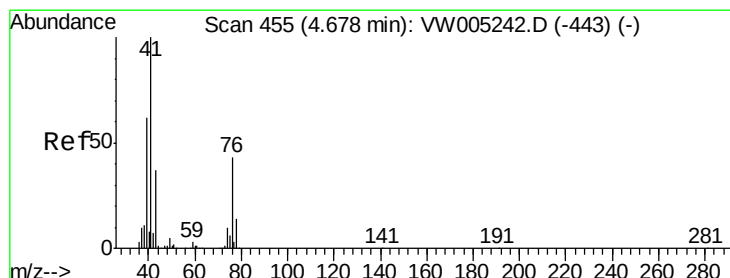
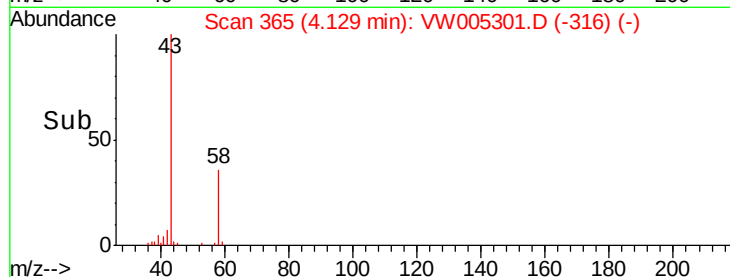
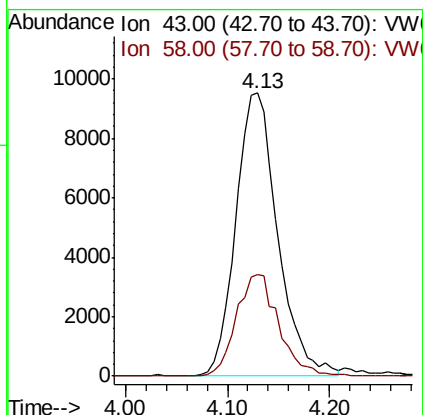
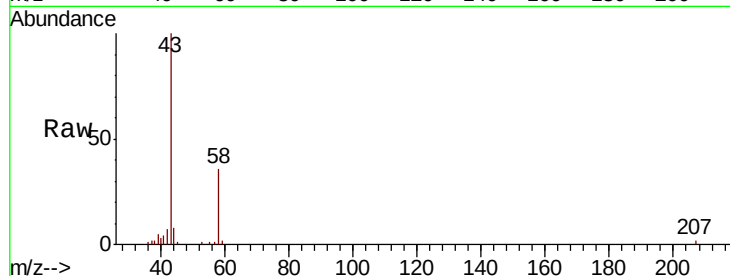




#16
Acetone
Concen: 61.419 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW005301.D
Acq: 12 Sep 2018 04:14

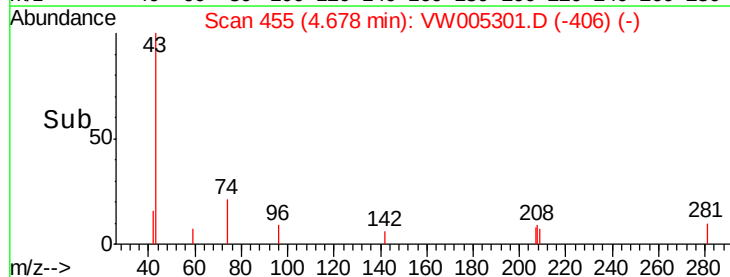
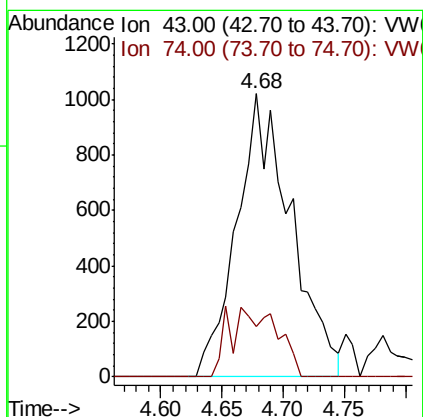
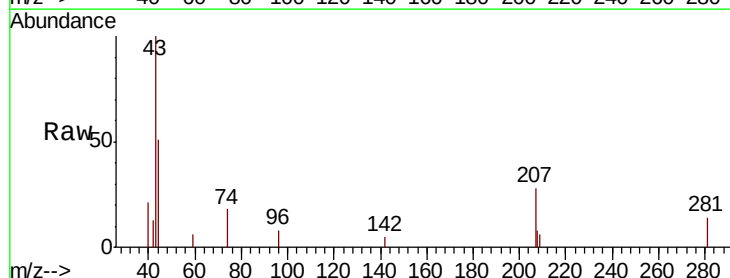
Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-D

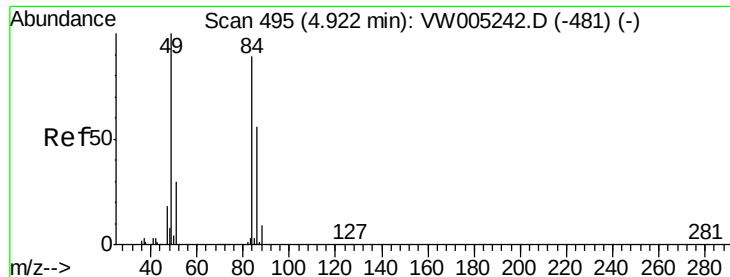
Tgt Ion: 43 Resp: 27168
Ion Ratio Lower Upper
43 100
58 36.0 26.7 40.1



#18
Methyl Acetate
Concen: 2.366 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW005301.D
Acq: 12 Sep 2018 04:14

Tgt Ion: 43 Resp: 3124
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.2#

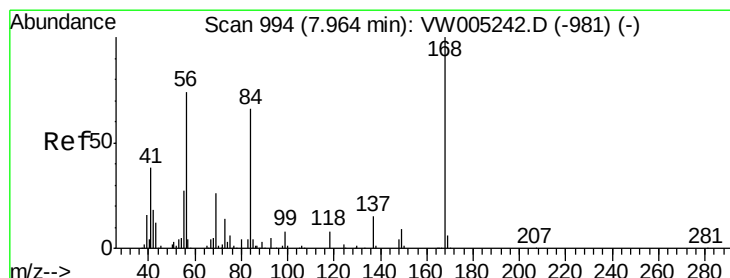
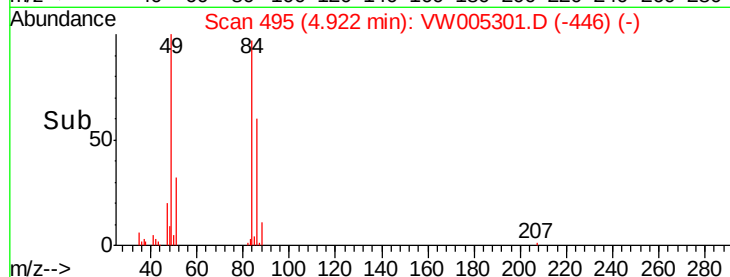
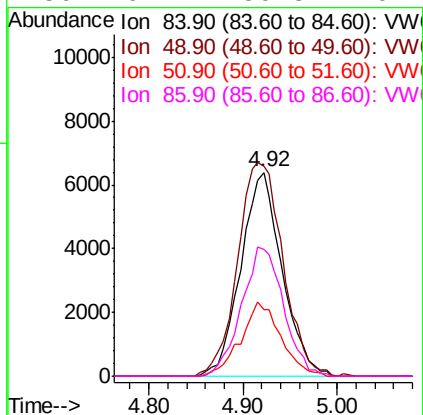
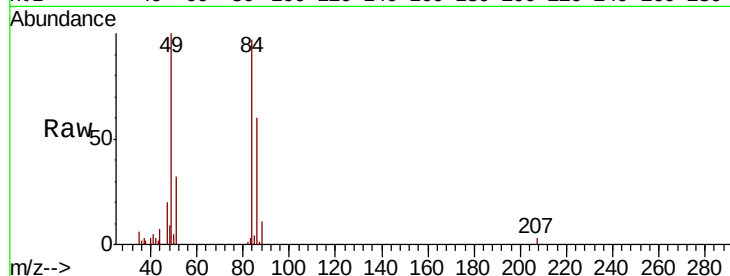




#20
Methylene Chloride
Concen: 2.848 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005301.D
Acq: 12 Sep 2018 04:14

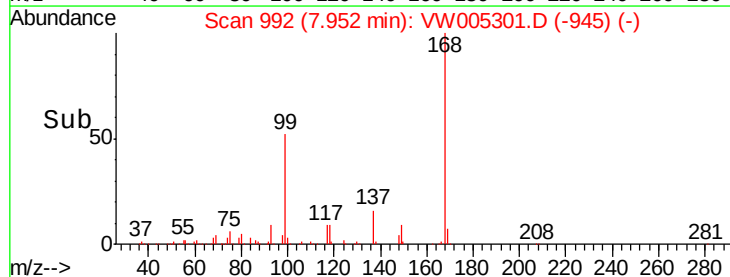
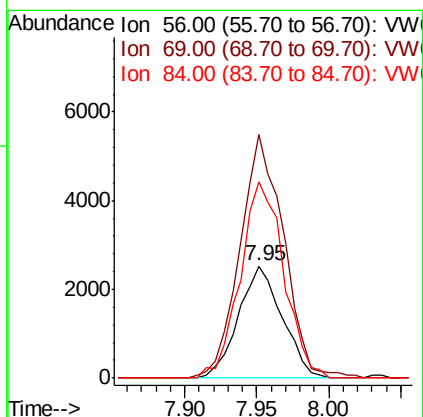
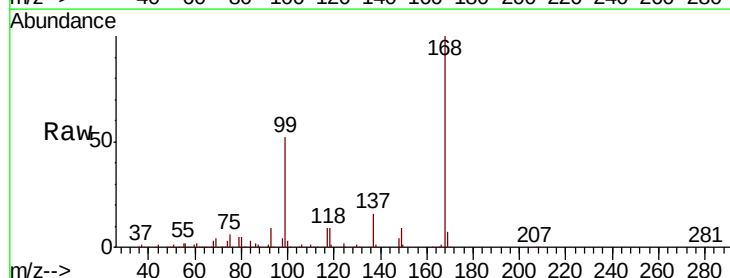
Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-D

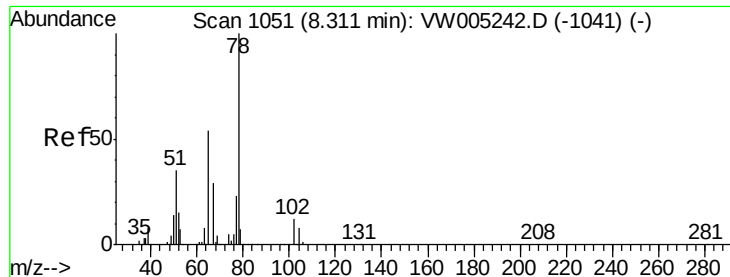
Tgt Ion:	84	Resp:	19570
Ion	Ratio	Lower	Upper
84	100		
49	102.8	90.3	135.5
51	32.9	26.9	40.3
86	62.1	50.8	76.2



#31
Cyclohexane
Concen: 1.044 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005301.D
Acq: 12 Sep 2018 04:14

Tgt Ion:	56	Resp:	5324
Ion	Ratio	Lower	Upper
56	100		
69	216.6	27.8	41.8#
84	175.1	72.1	108.1#

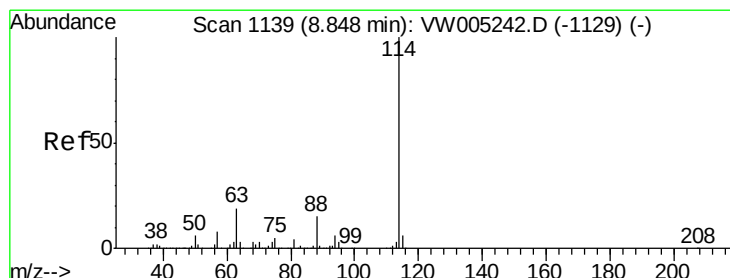
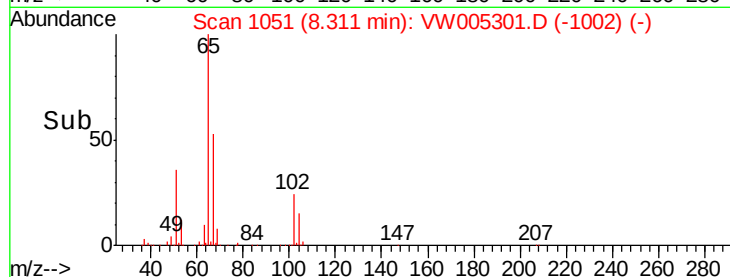
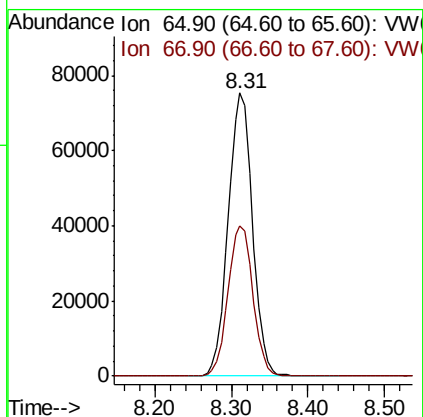
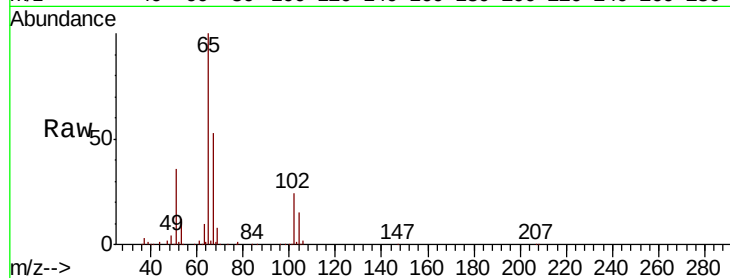




#33
 1,2-Dichloroethane-d4
 Concen: 69.341 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005301.D
 Acq: 12 Sep 2018 04:14

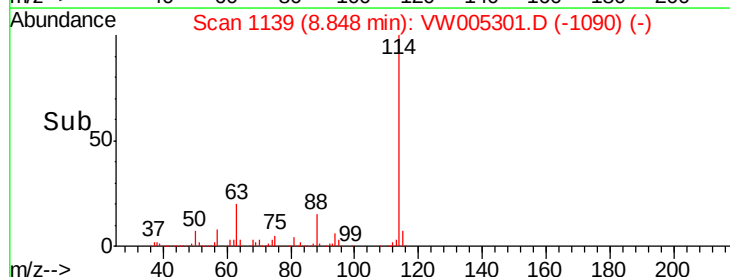
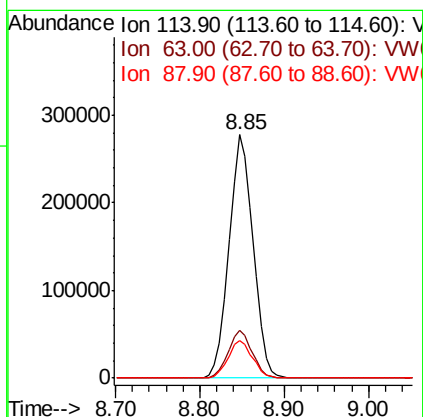
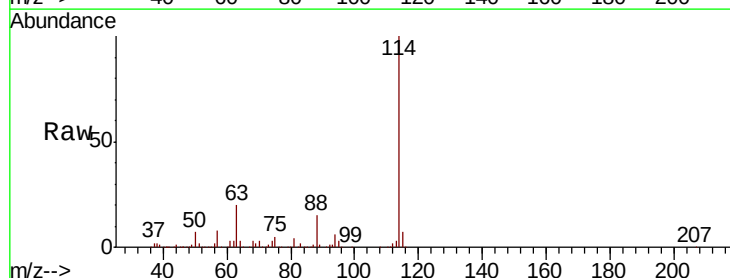
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-D

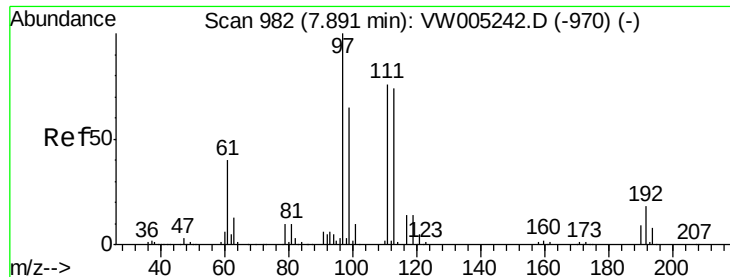
Tgt Ion: 65 Resp: 165246
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005301.D
 Acq: 12 Sep 2018 04:14

Tgt Ion: 114 Resp: 538680
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.0
 88 15.5 0.0 30.4

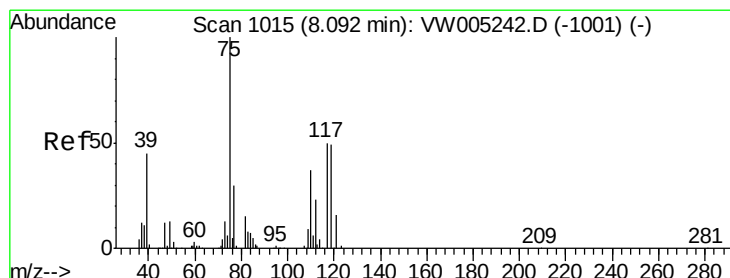
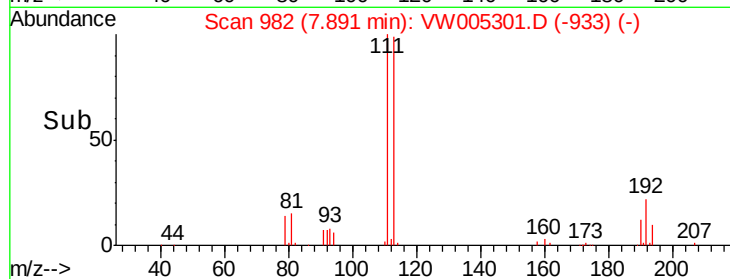
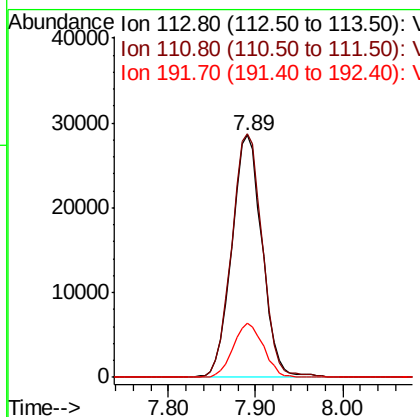
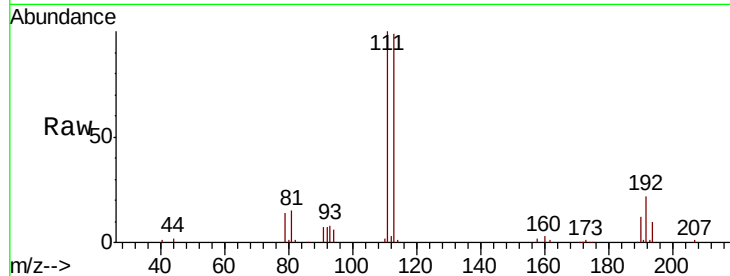




#35
 Dibromofluoromethane
 Concen: 24.310 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005301.D
 Acq: 12 Sep 2018 04:14

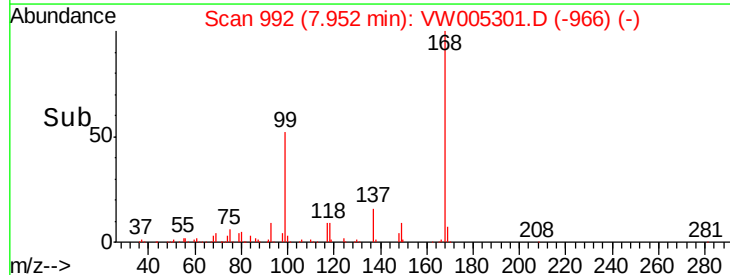
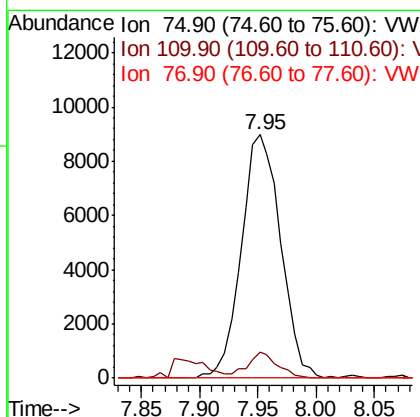
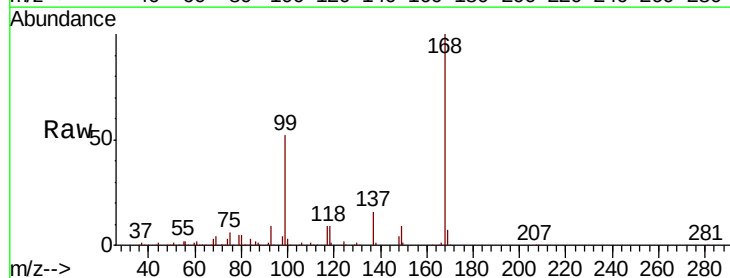
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-D

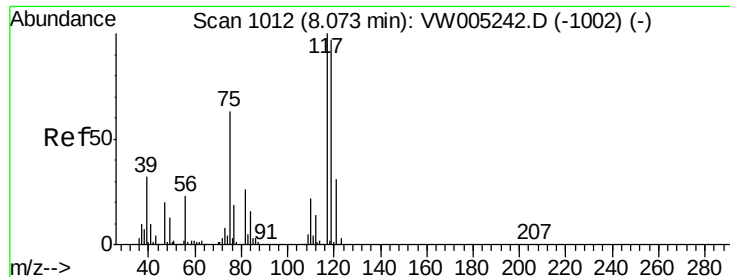
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.6	121.0
192	22.2	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 4.281 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.14 min
 Lab File: VW005301.D
 Acq: 12 Sep 2018 04:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.8	56.4#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.919 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005301.D

Acq: 12 Sep 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

PL-05-090718-D

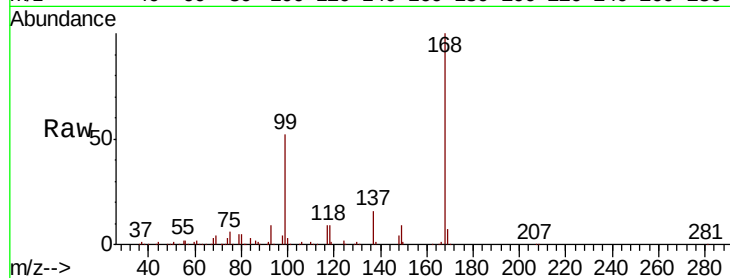
Tgt Ion: 117 Resp: 27365

Ion Ratio Lower Upper

117 100

119 6.2 77.5 116.3#

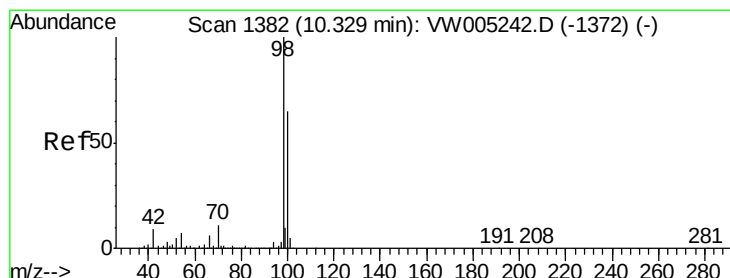
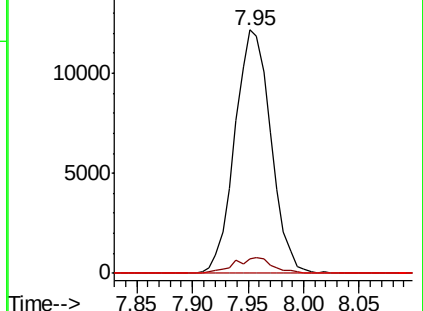
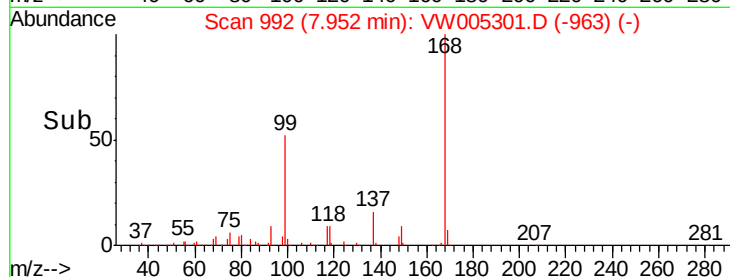
121 0.0 24.7 37.1#



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: 30.343 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005301.D

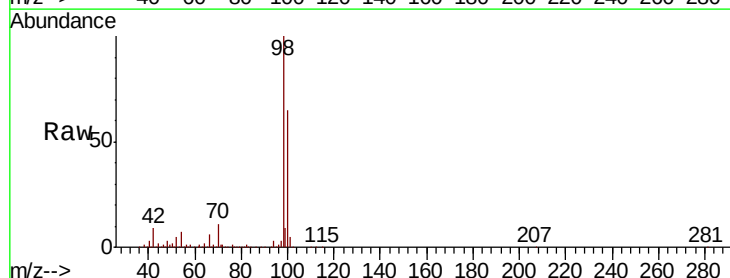
Acq: 12 Sep 2018 04:14

Tgt Ion: 98 Resp: 432658

Ion Ratio Lower Upper

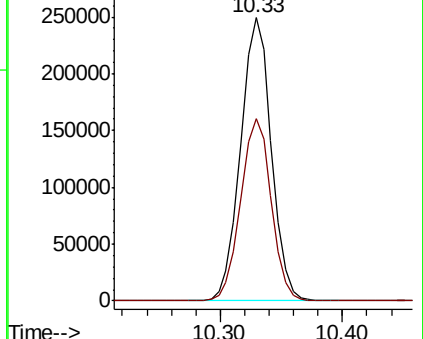
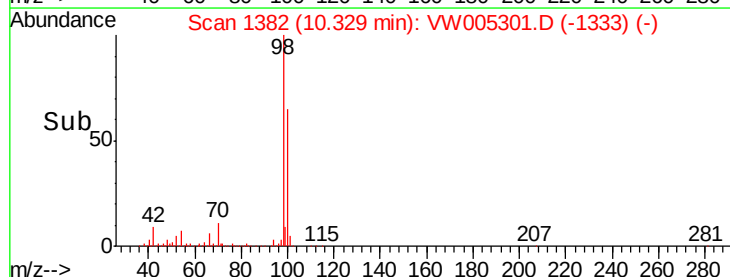
98 100

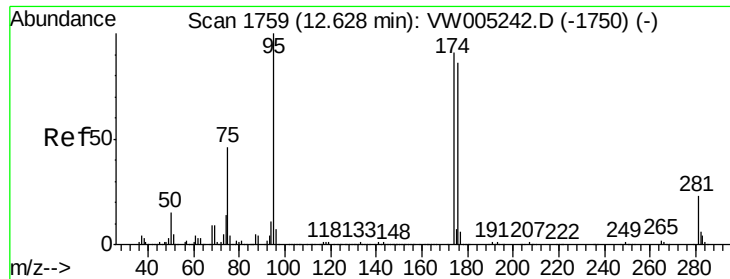
100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

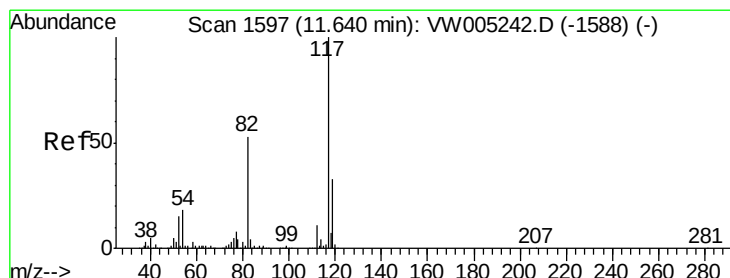
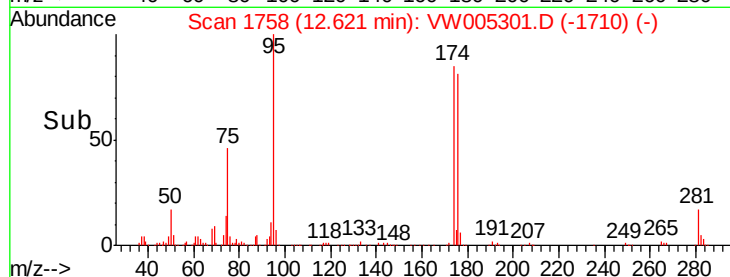
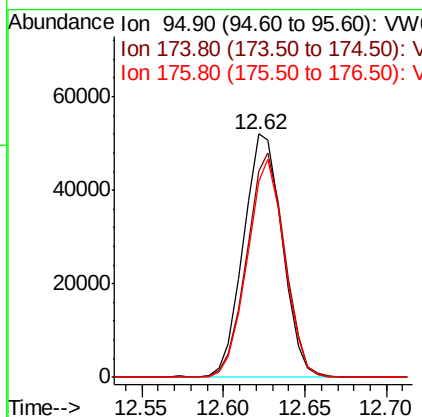
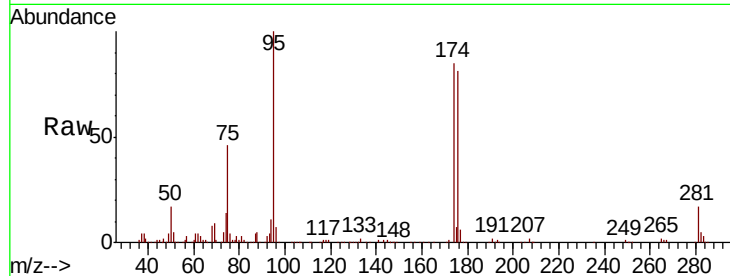




#62
4-Bromofluorobenzene
Concen: 16.589 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: VW005301.D
Acq: 12 Sep 2018 04:14

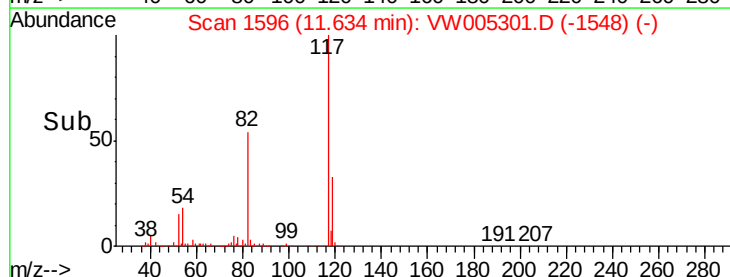
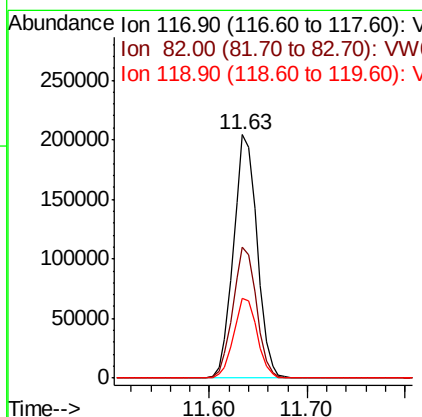
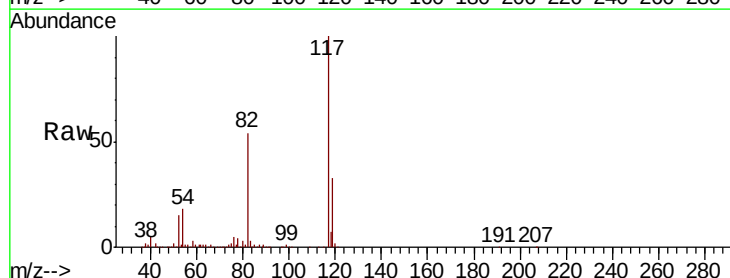
Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-D

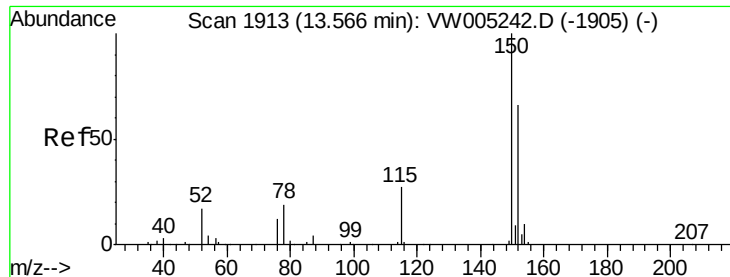
Tgt Ion: 95 Resp: 86520
Ion Ratio Lower Upper
95 100
174 90.2 0.0 174.6
176 86.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005301.D
Acq: 12 Sep 2018 04:14

Tgt Ion: 117 Resp: 343036
Ion Ratio Lower Upper
117 100
82 54.0 42.6 63.8
119 32.6 26.2 39.4

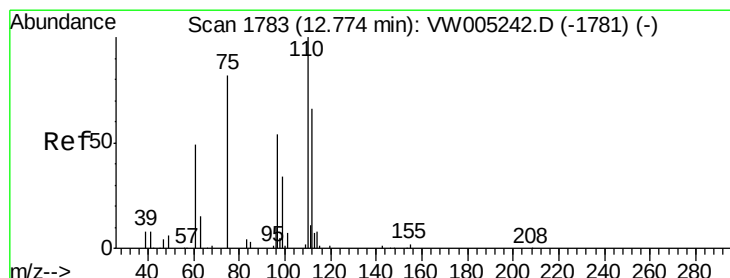
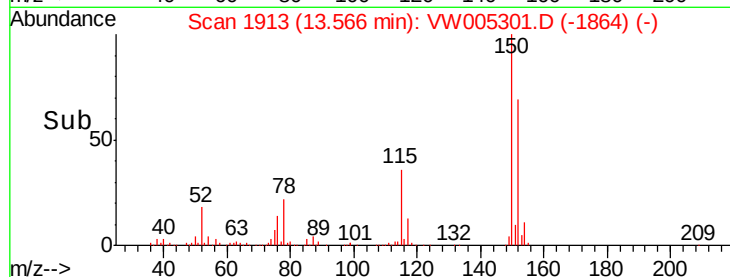
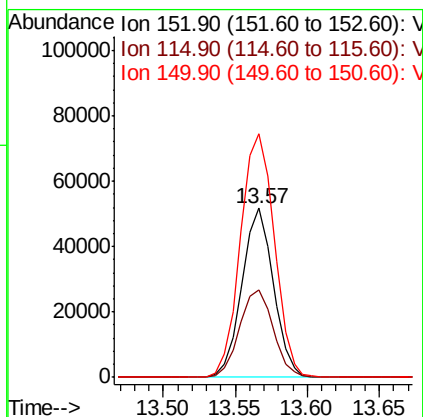
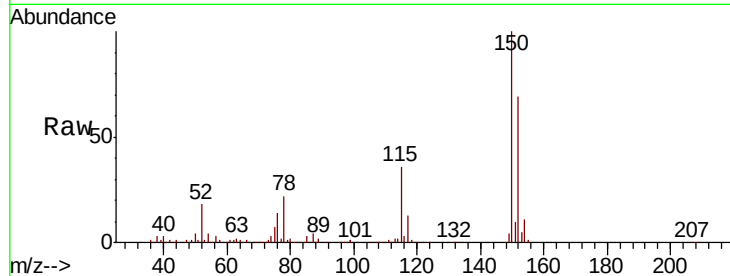




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW005301.D
 Acq: 12 Sep 2018 04:14

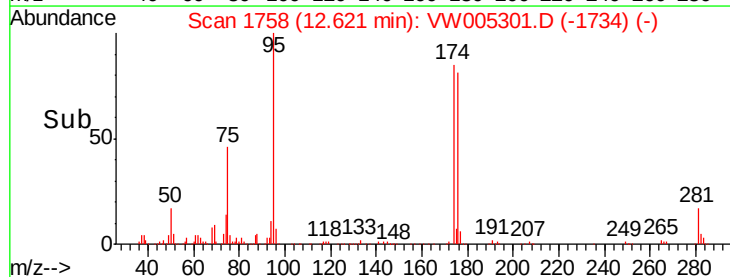
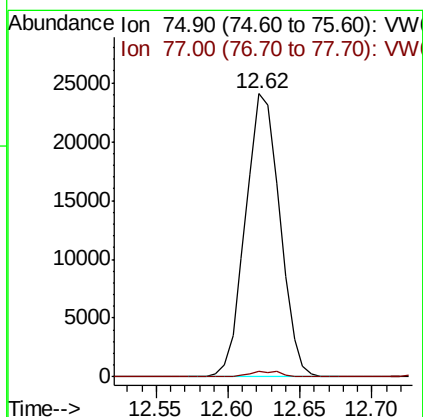
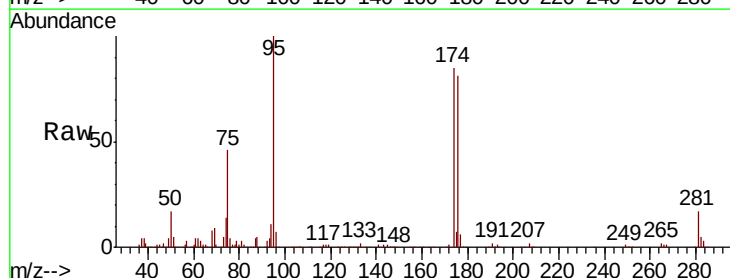
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-D

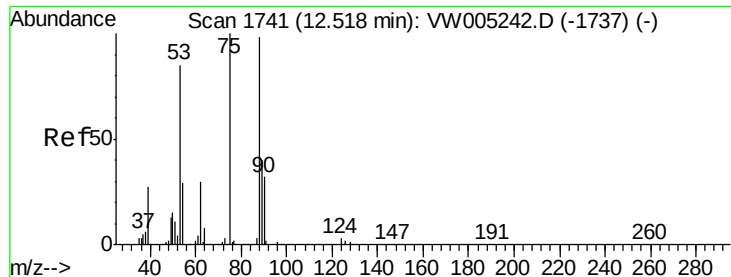
Tgt Ion:152 Resp: 78386
 Ion Ratio Lower Upper
 152 100
 115 55.5 27.5 82.4
 150 155.1 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 65.992 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005301.D
 Acq: 12 Sep 2018 04:14

Tgt Ion: 75 Resp: 39787
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 154.766 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005301.D

Acq: 12 Sep 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

PL-05-090718-D

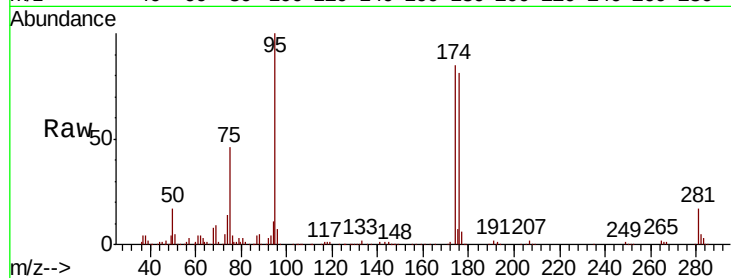
Tgt Ion: 75 Resp: 39787

Ion Ratio Lower Upper

75 100

53 0.3 67.0 100.6#

89 0.2 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

