

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005647.D
 Acq On : 26 Sep 2018 08:56
 Operator : VA/AP
 Sample : J5070-07
 Misc : 6.08G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CS-RT-4005

Quant Time: Sep 26 11:42:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	308337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	534902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	486824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	236857	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	218111	60.05	ug/l	0.00
Spiked Amount			Recovery	=	120.10%	
35) Dibromofluoromethane	7.89	113	172850	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
50) Toluene-d8	10.33	98	655850	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.63	95	237041	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	

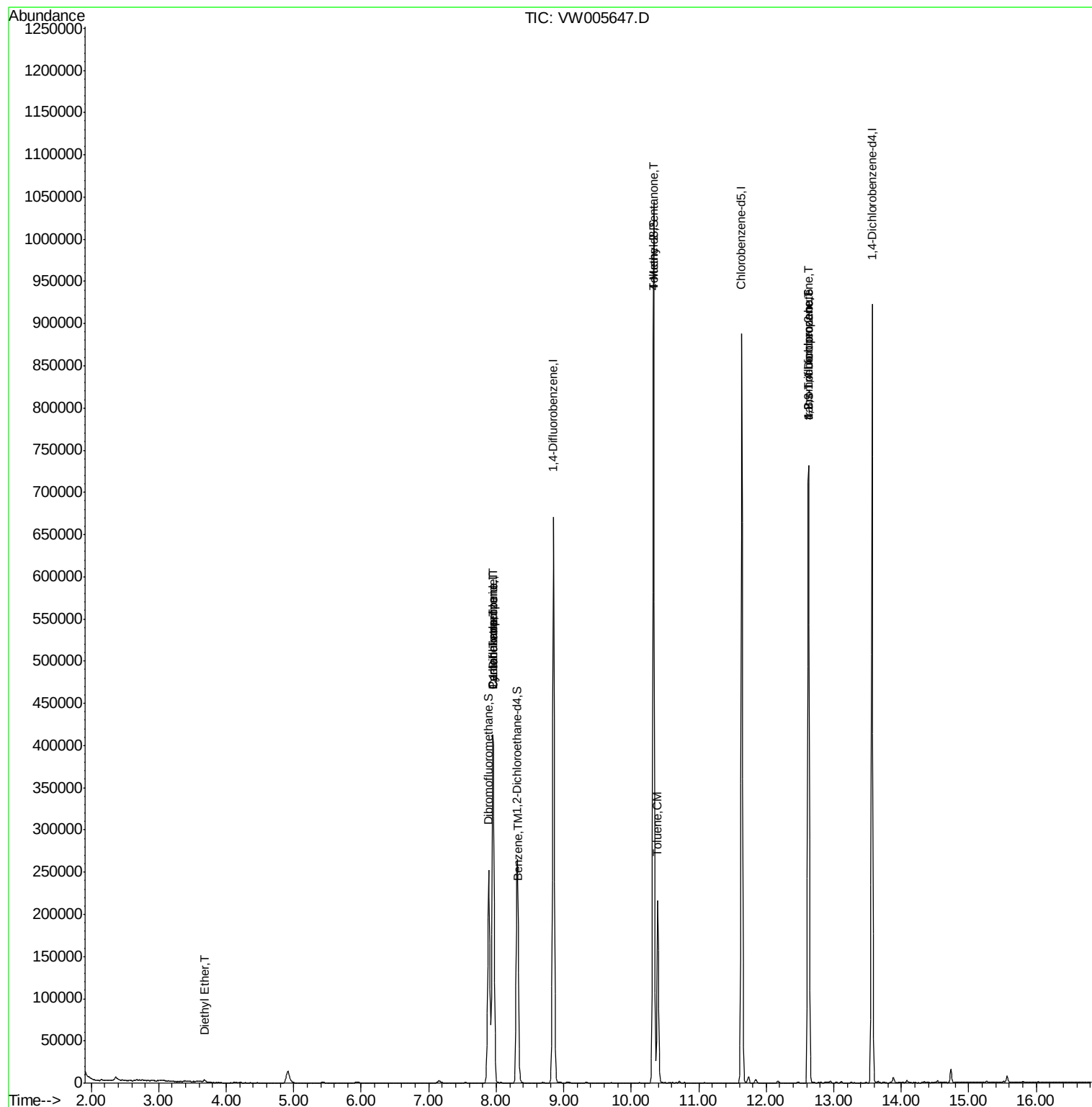
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1590	1.050	ug/l	72
11) Tert butyl alcohol	5.20	59	26	Below Cal	#	72
16) Acetone	4.13	43	605	Below Cal	#	48
20) Methylene Chloride	4.92	84	11188	Below Cal		95
31) Cyclohexane	7.95	56	6903	1.226	ug/l #	6
36) 1,1-Dichloropropene	7.95	75	23677	4.397	ug/l #	50
38) Carbon Tetrachloride	7.96	117	30620	5.307	ug/l #	16
40) Benzene	8.33	78	16296	1.068	ug/l	99
51) 4-Methyl-2-Pentanone	10.33	43	3319	1.479	ug/l #	1
52) Toluene	10.39	92	91411	9.602	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	124594	61.709	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	124594	138.988	ug/l #	7

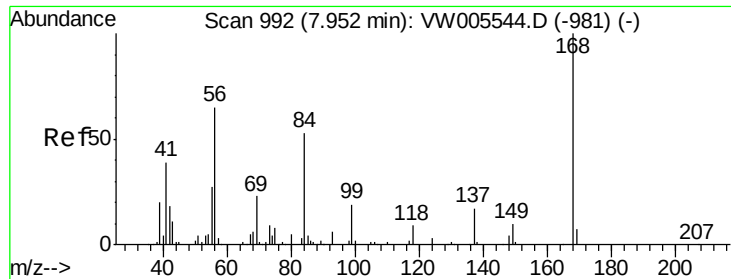
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW005647.D

Acq: 26 Sep 2018 08:56

Instrument :

MSVOA_W

ClientSampleId :

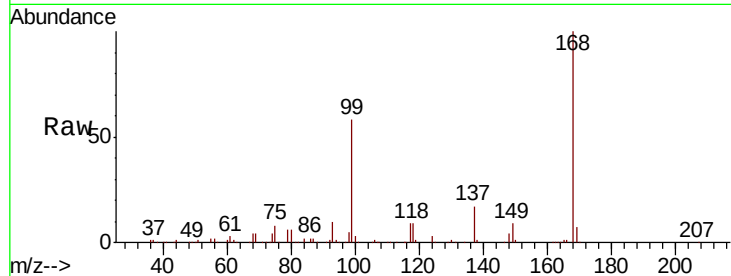
CS-RT-4005

Tot Ion:168 Resp: 308337

Ion Ratio Lower Upper

168 100

99 57.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

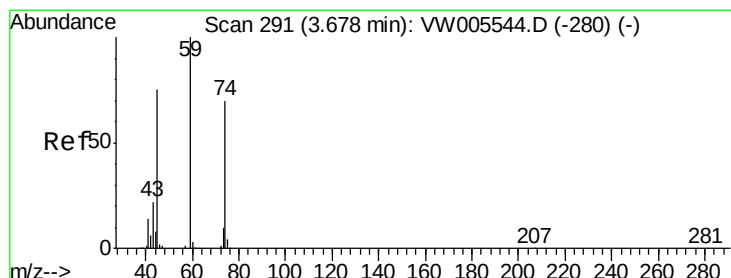
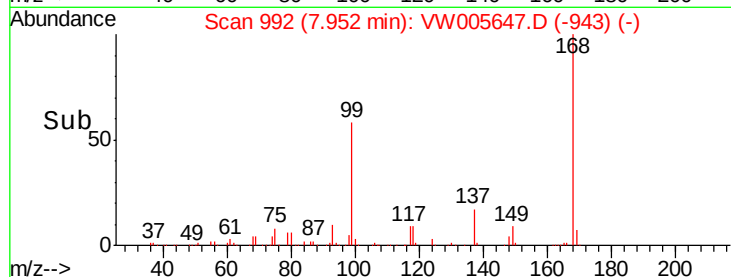
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.050 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005647.D

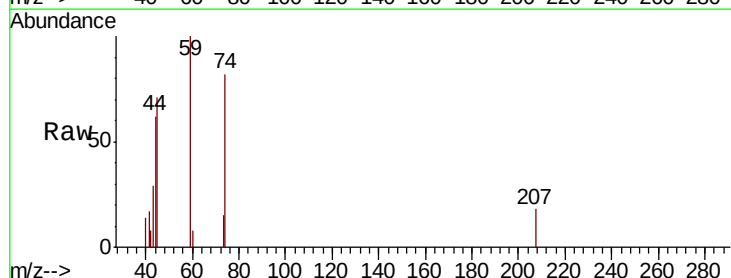
Acq: 26 Sep 2018 08:56

Tgt Ion: 74 Resp: 1590

Ion Ratio Lower Upper

74 100

45 132.1 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

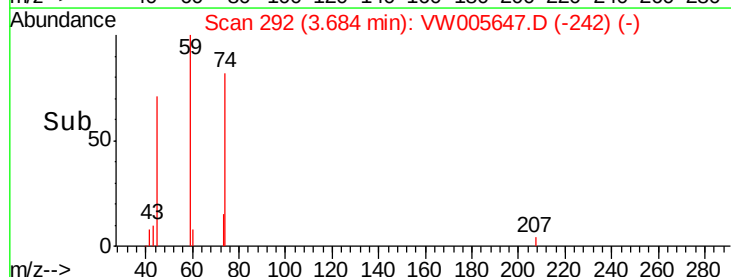
600

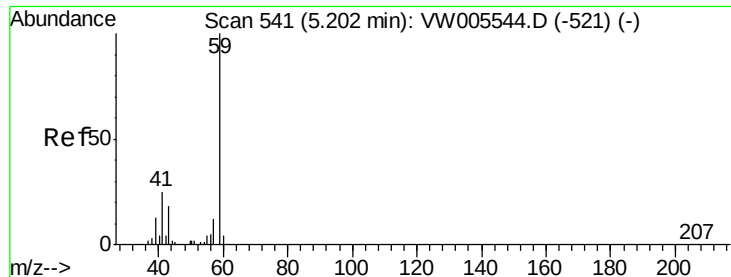
400

200

0

Time--> 3.60 3.65 3.70 3.75



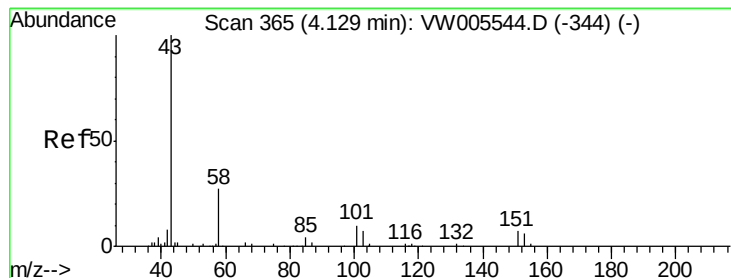
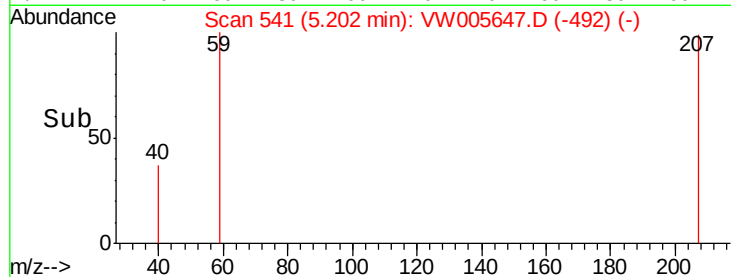
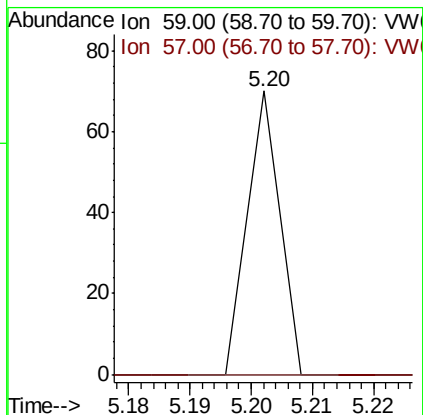
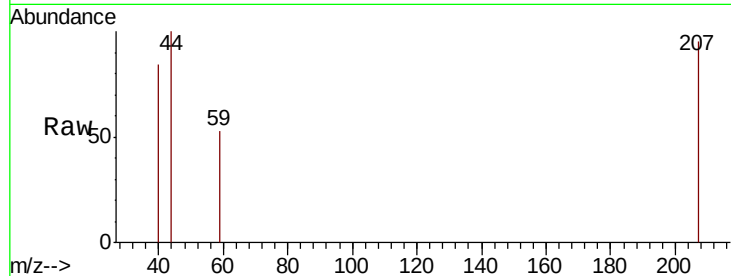


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: VW005647.D
 Acq: 26 Sep 2018 08:56

Instrument :
 MSVOA_W
 ClientSampled :
 CS-RT-4005

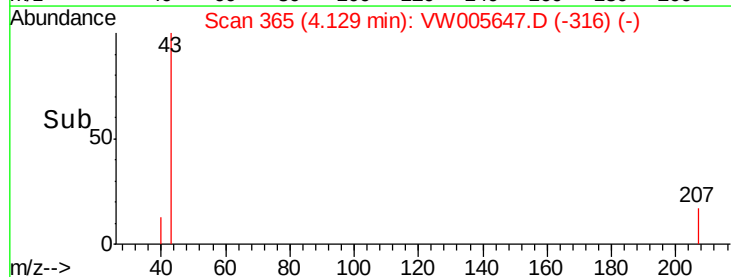
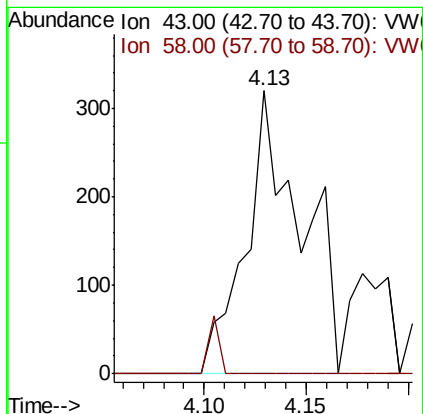
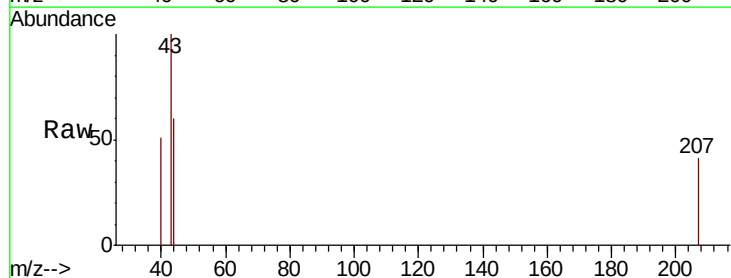
Tot Ion: 59 Resp: 26
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

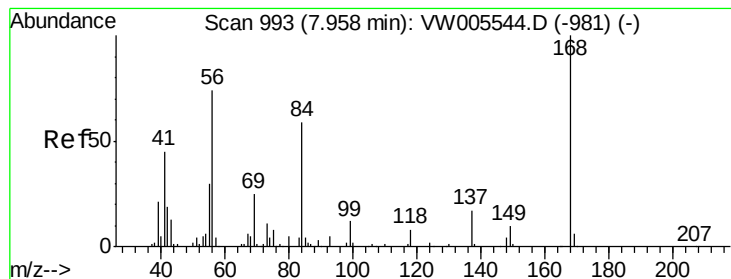


#16

Acetone
 Concen: Below Cal
 RT: 4.13 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VW005647.D
 Acq: 26 Sep 2018 08:56

Tgt Ion: 43 Resp: 605
 Ion Ratio Lower Upper
 43 100
 58 0.0 21.8 32.8#





#31

Cyclohexane

Concen: 1.226 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005647.D

Acq: 26 Sep 2018 08:56

Instrument :

MSVOA_W

ClientSampled :

CS-RT-4005

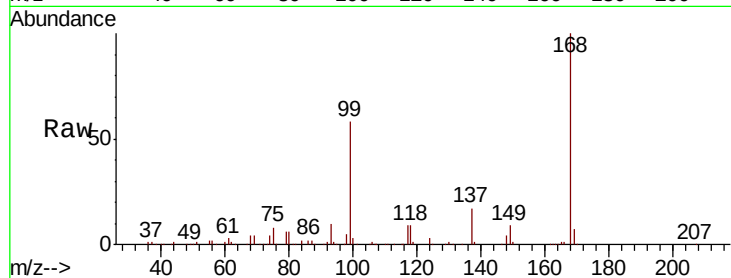
Tot Ion: 56 Resp: 6903

Ion Ratio Lower Upper

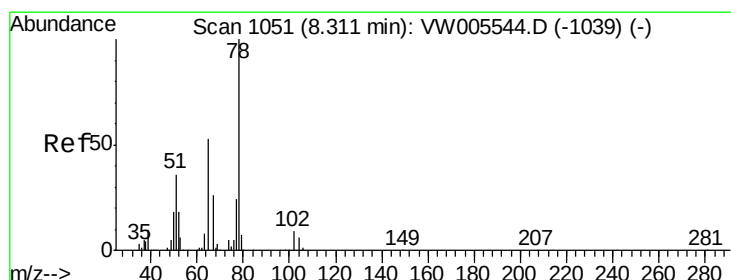
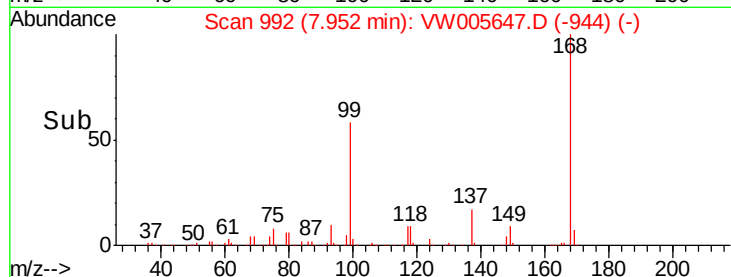
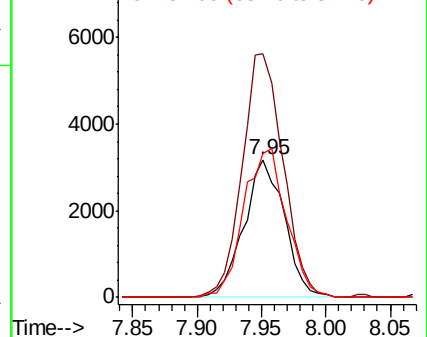
56 100

69 177.0 27.0 40.4#

84 104.6 64.2 96.4#



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: 60.045 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005647.D

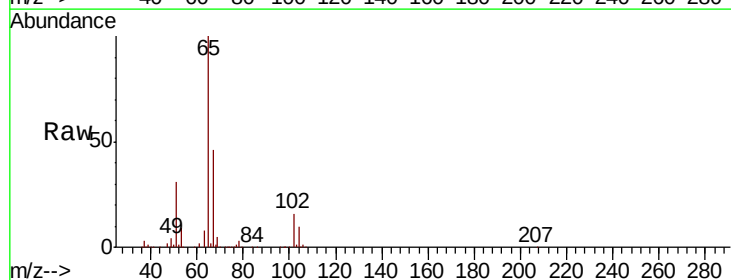
Acq: 26 Sep 2018 08:56

Tgt Ion: 65 Resp: 218111

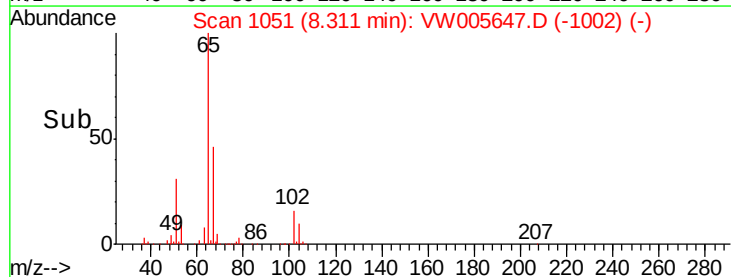
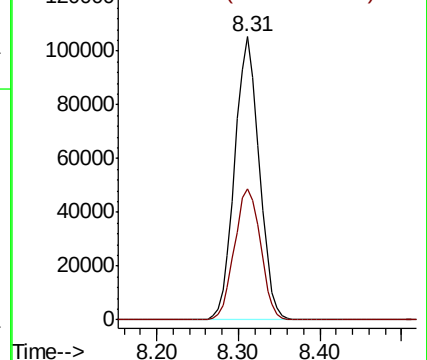
Ion Ratio Lower Upper

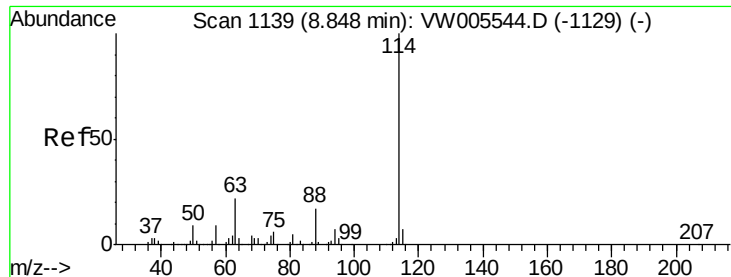
65 100

67 49.2 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

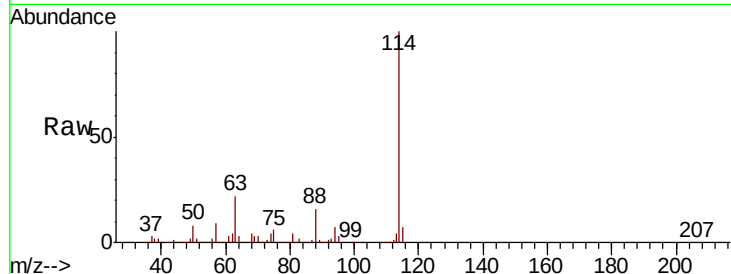




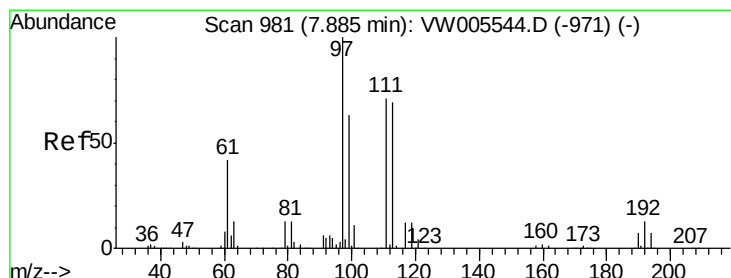
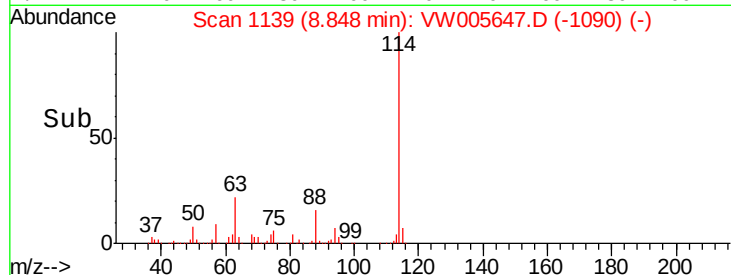
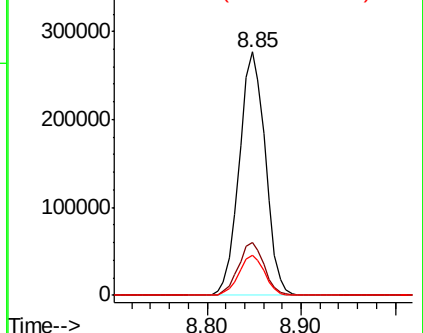
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005647.D
 Acq: 26 Sep 2018 08:56

Instrument :
 MSVOA_W
 ClientSampleId :
 CS-RT-4005

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.0
88	16.5	0.0	33.0

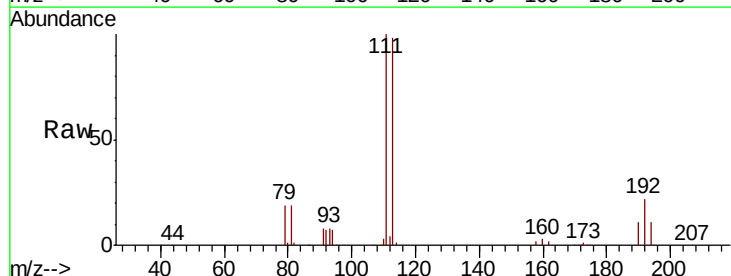


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

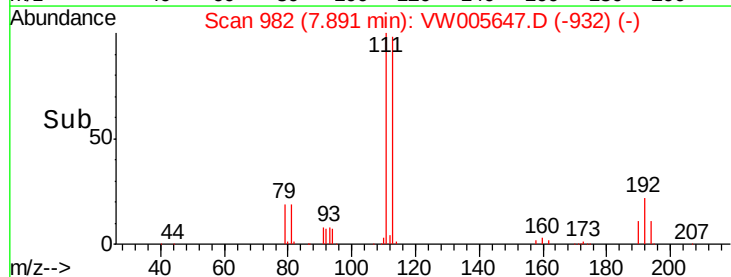
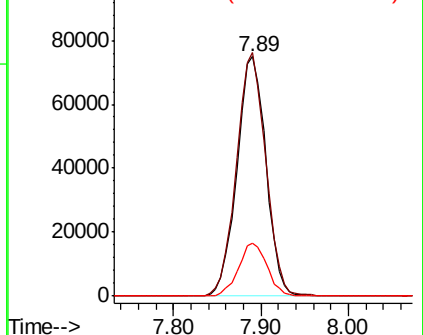


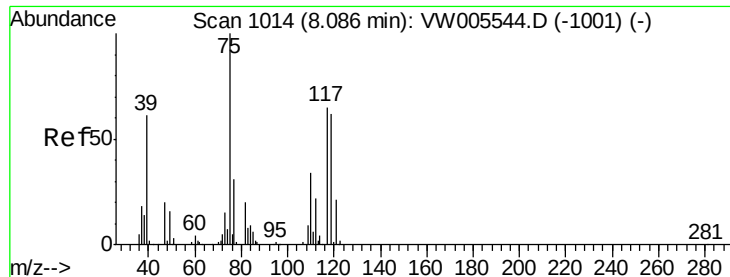
#35
 Dibromofluoromethane
 Concen: 51.386 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005647.D
 Acq: 26 Sep 2018 08:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	21.7	17.0	25.4



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: 4.397 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005647.D

Acq: 26 Sep 2018 08:56

Instrument :

MSVOA_W

ClientSampleId :

CS-RT-4005

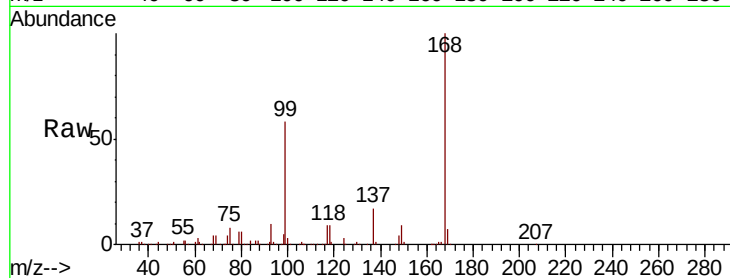
Tot Ion: 75 Resp: 23677

Ion Ratio Lower Upper

75 100

110 8.6 17.0 50.9#

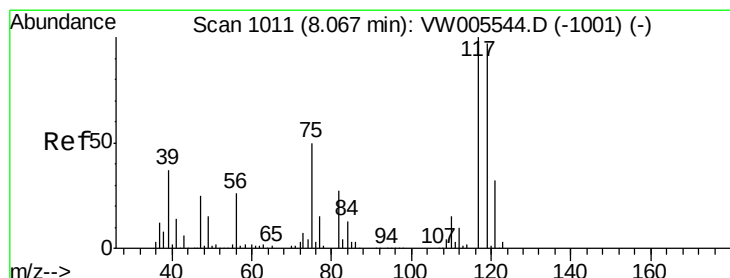
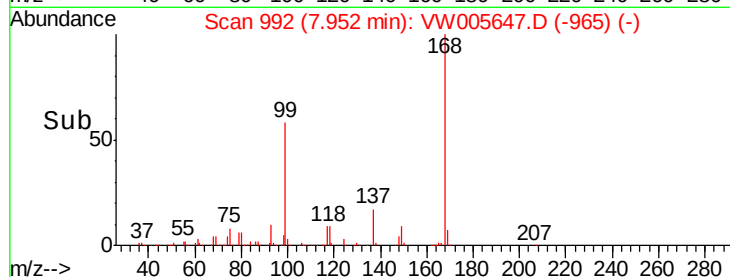
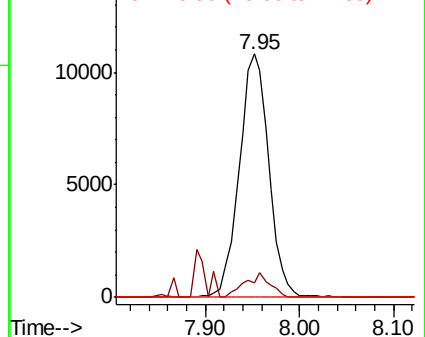
77 0.0 24.8 37.2#



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: 5.307 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.11 min

Lab File: VW005647.D

Acq: 26 Sep 2018 08:56

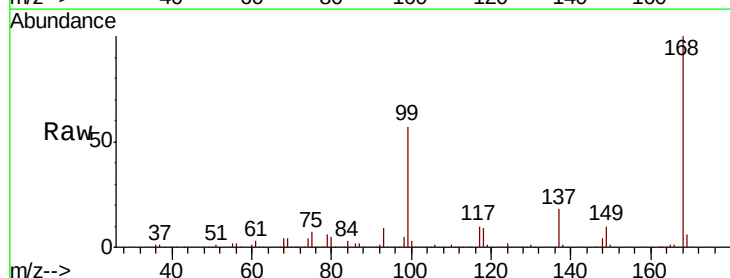
Tgt Ion: 117 Resp: 30620

Ion Ratio Lower Upper

117 100

119 5.8 77.6 116.4#

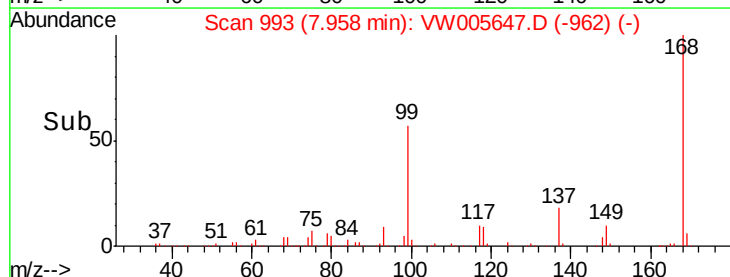
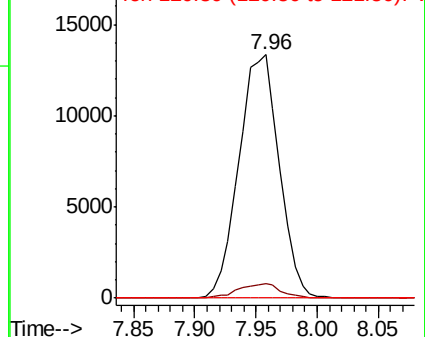
121 0.0 25.7 38.5#

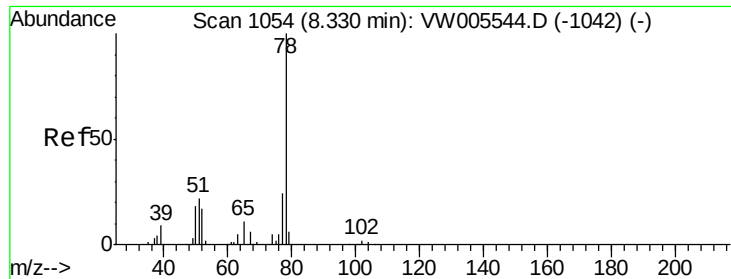


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 1.068 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW005647.D

Acq: 26 Sep 2018 08:56

Instrument :

MSVOA_W

ClientSampleId :

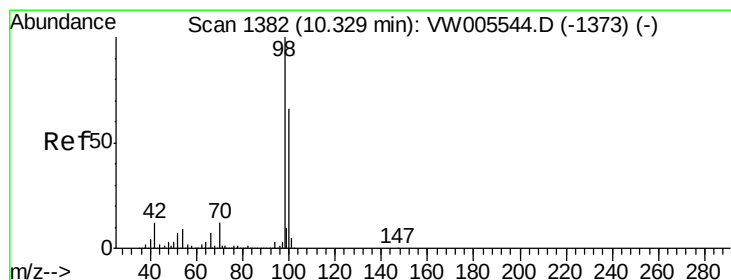
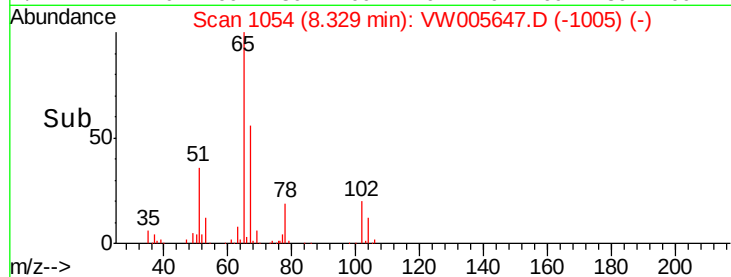
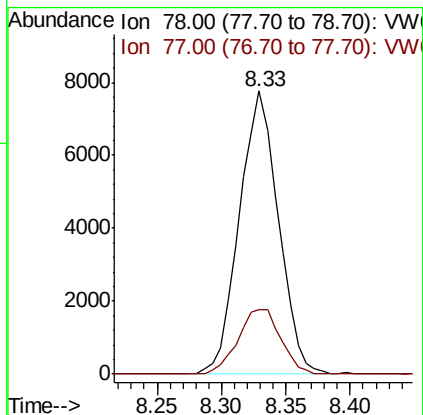
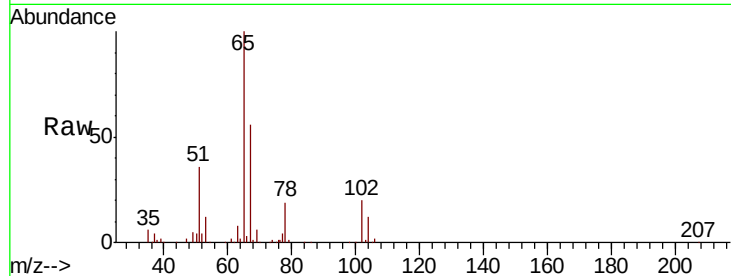
CS-RT-4005

Tot Ion: 78 Resp: 16296

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.4



#50

Toluene-d8

Concen: 47.884 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005647.D

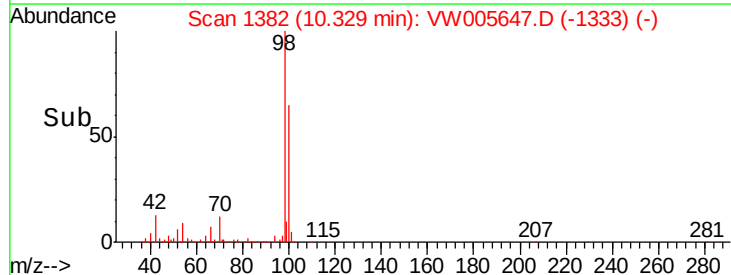
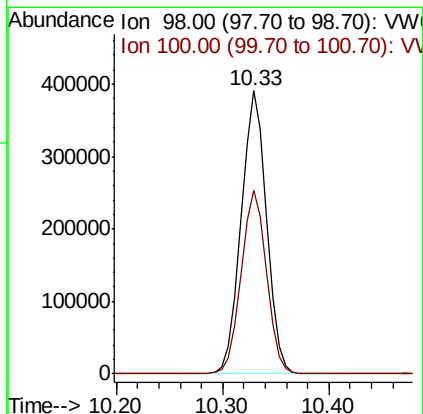
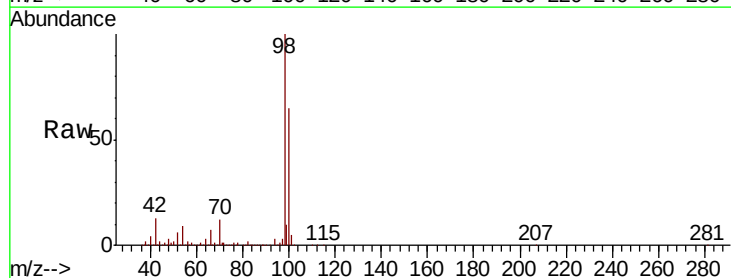
Acq: 26 Sep 2018 08:56

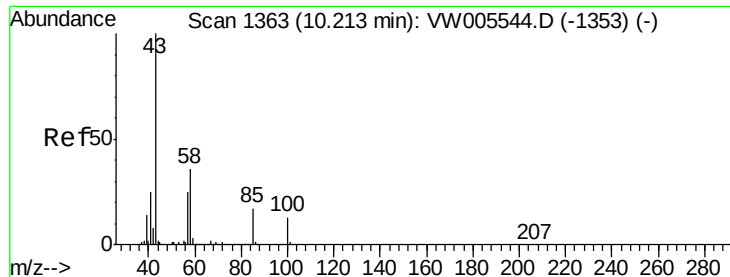
Tgt Ion: 98 Resp: 655850

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 1.479 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW005647.D

Acq: 26 Sep 2018 08:56

Instrument :

MSVOA_W

ClientSampleId :

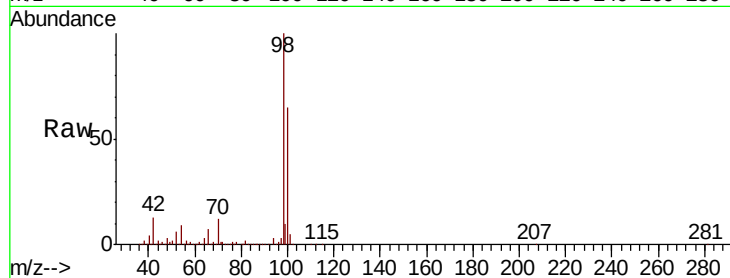
CS-RT-4005

Tot Ion: 43 Resp: 3319

Ion Ratio Lower Upper

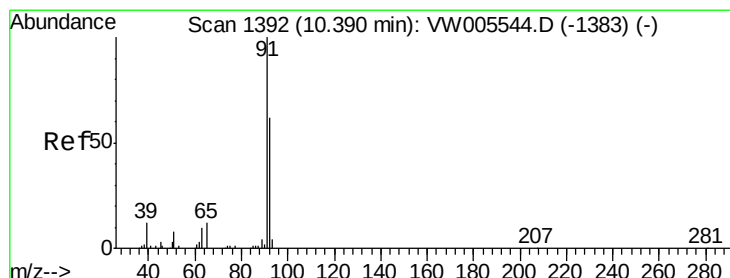
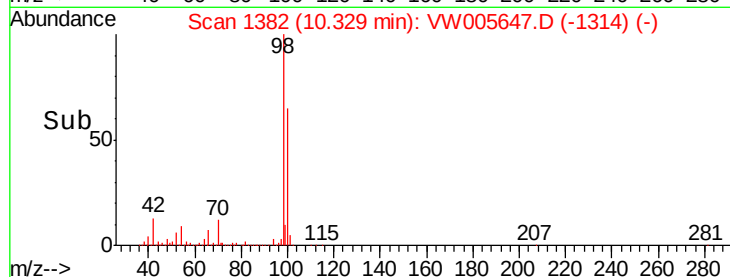
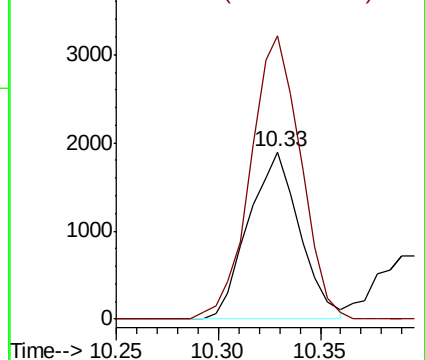
43 100

58 165.9 30.0 45.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 9.602 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005647.D

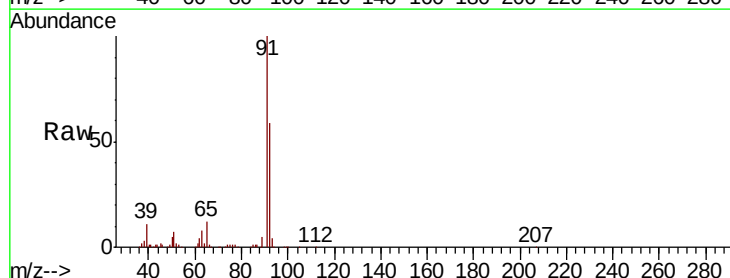
Acq: 26 Sep 2018 08:56

Tgt Ion: 92 Resp: 91411

Ion Ratio Lower Upper

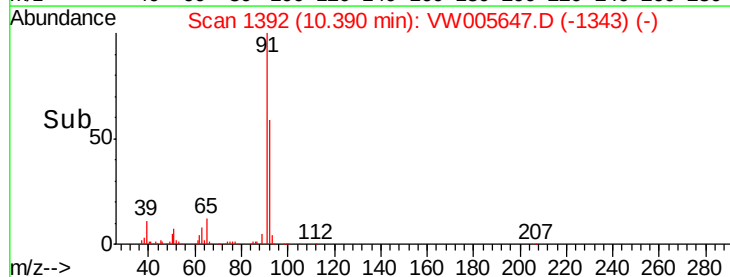
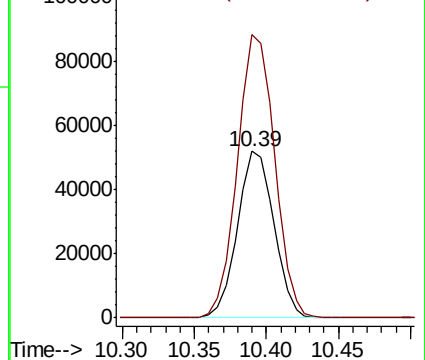
92 100

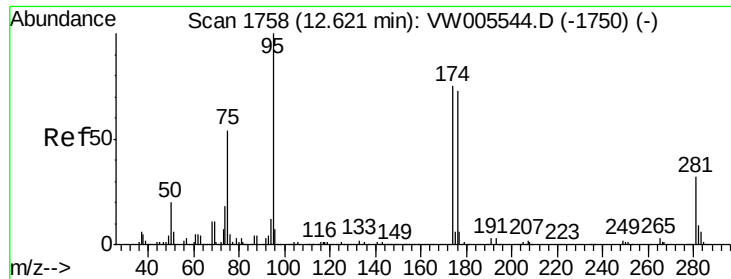
91 174.0 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

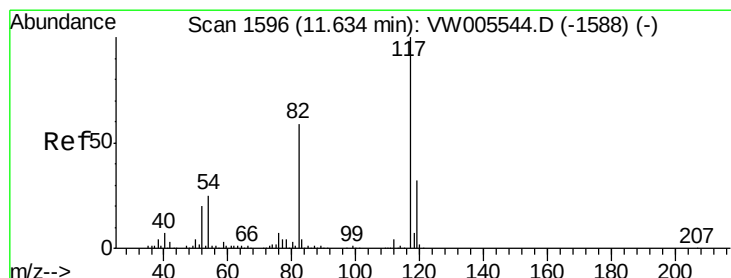
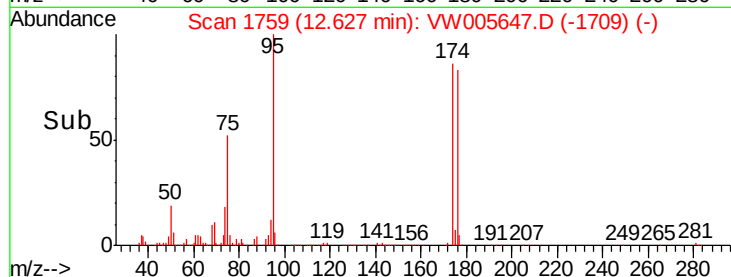
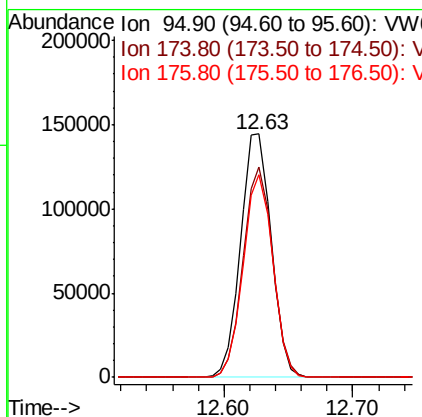
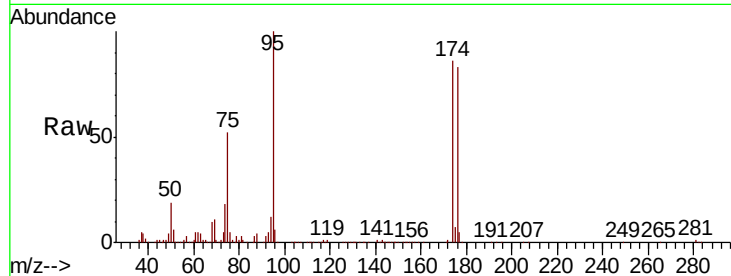




#62
4-Bromofluorobenzene
Concen: 46.771 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005647.D
Acq: 26 Sep 2018 08:56

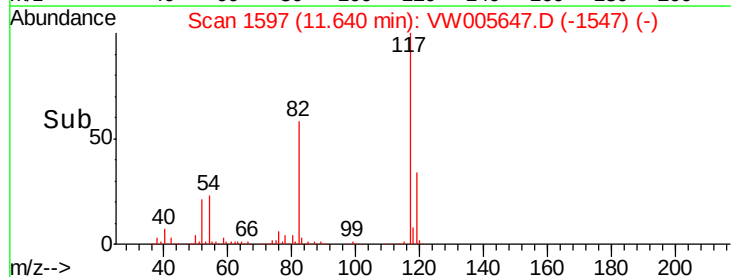
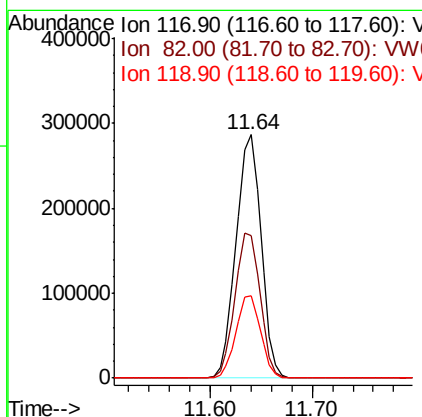
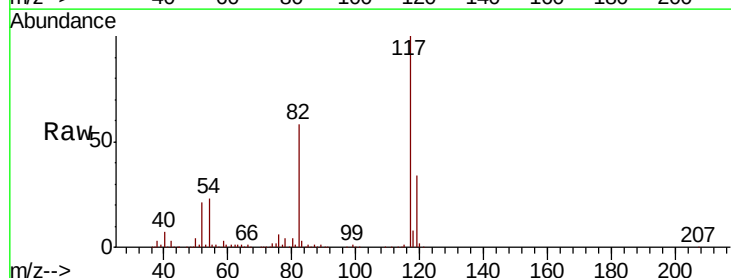
Instrument :
MSVOA_W
ClientSampleId :
CS-RT-4005

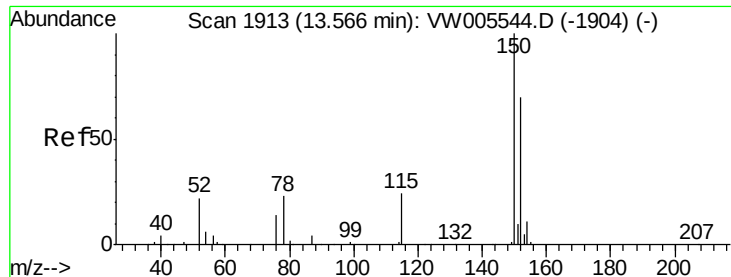
Tot Ion: 95 Resp: 237041
Ion Ratio Lower Upper
95 100
174 83.3 0.0 163.8
176 80.6 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005647.D
Acq: 26 Sep 2018 08:56

Tgt Ion: 117 Resp: 486824
Ion Ratio Lower Upper
117 100
82 58.4 46.9 70.3
119 33.7 25.7 38.5



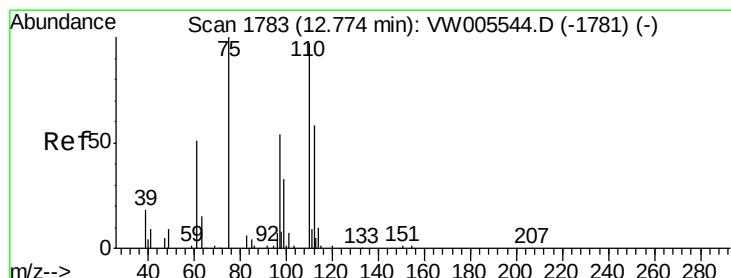
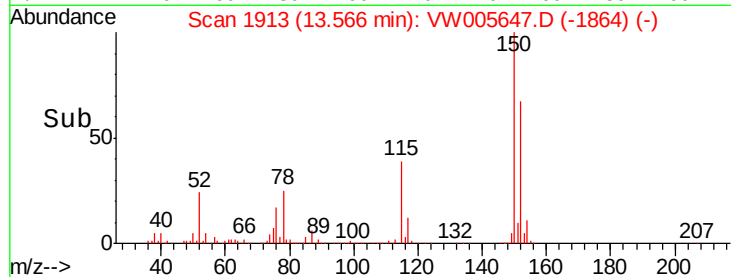
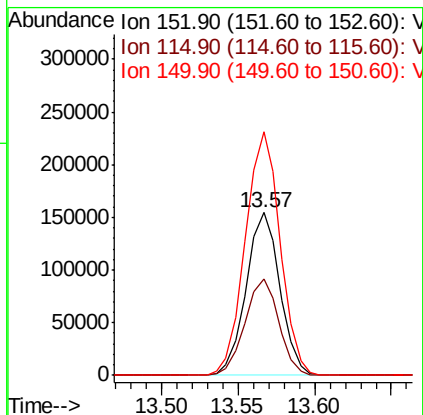
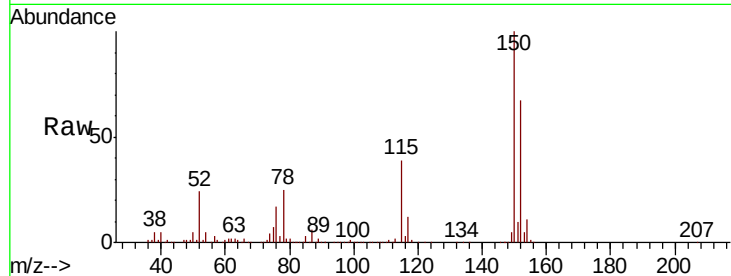


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005647.D
Acq: 26 Sep 2018 08:56

Instrument :
MSVOA_W
ClientSampleId :
CS-RT-4005

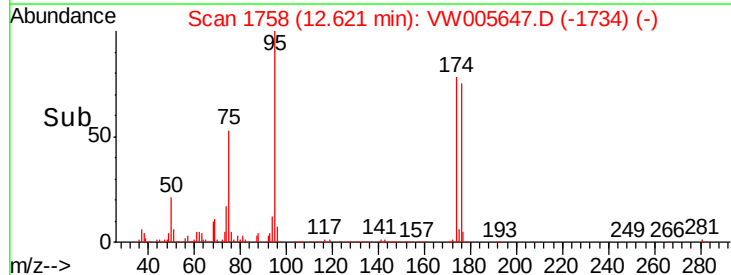
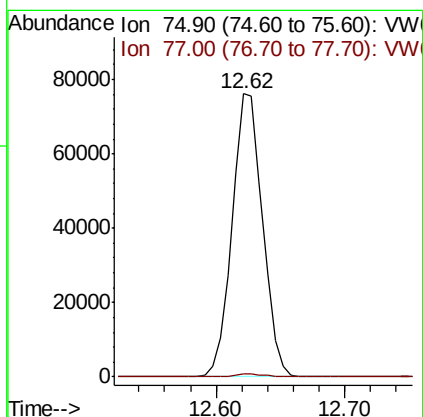
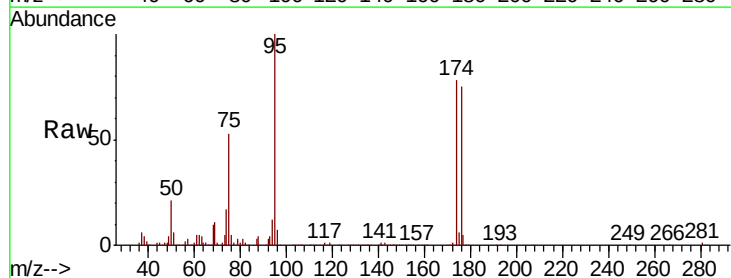
Tot Ion:152 Resp: 236857
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.0
150 154.3 0.0 348.6

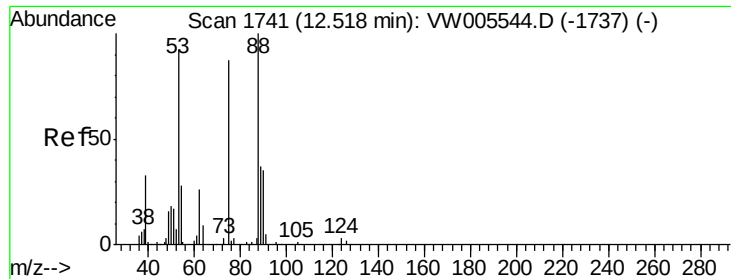


#76

1,2,3-Trichloropropane
Concen: 61.709 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005647.D
Acq: 26 Sep 2018 08:56

Tgt Ion: 75 Resp: 124594
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 138.988 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005647.D

Acq: 26 Sep 2018 08:56

Instrument :

MSVOA_W

ClientSampleId :

CS-RT-4005

Tot Ion: 75 Resp: 124594

Ion Ratio Lower Upper

75 100

53 0.2 85.8 128.6#

89 0.0 37.3 55.9#

