

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005591.D
 Acq On : 24 Sep 2018 17:56
 Operator : VA/AP
 Sample : J4770-09
 Misc : 6.16G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-E

Quant Time: Sep 25 04:58:19 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	7.96	168	212367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	336540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	89094	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	81734	32.67	ug/l	0.00
Spiked Amount			Recovery	=	65.34%	
35) Dibromofluoromethane	7.89	113	65182	30.80	ug/l	0.00
Spiked Amount			Recovery	=	61.60%	
50) Toluene-d8	10.33	98	212498	24.66	ug/l	0.00
Spiked Amount			Recovery	=	49.32%	
62) 4-Bromofluorobenzene	12.63	95	59017	18.51	ug/l	0.00
Spiked Amount			Recovery	=	37.02%	

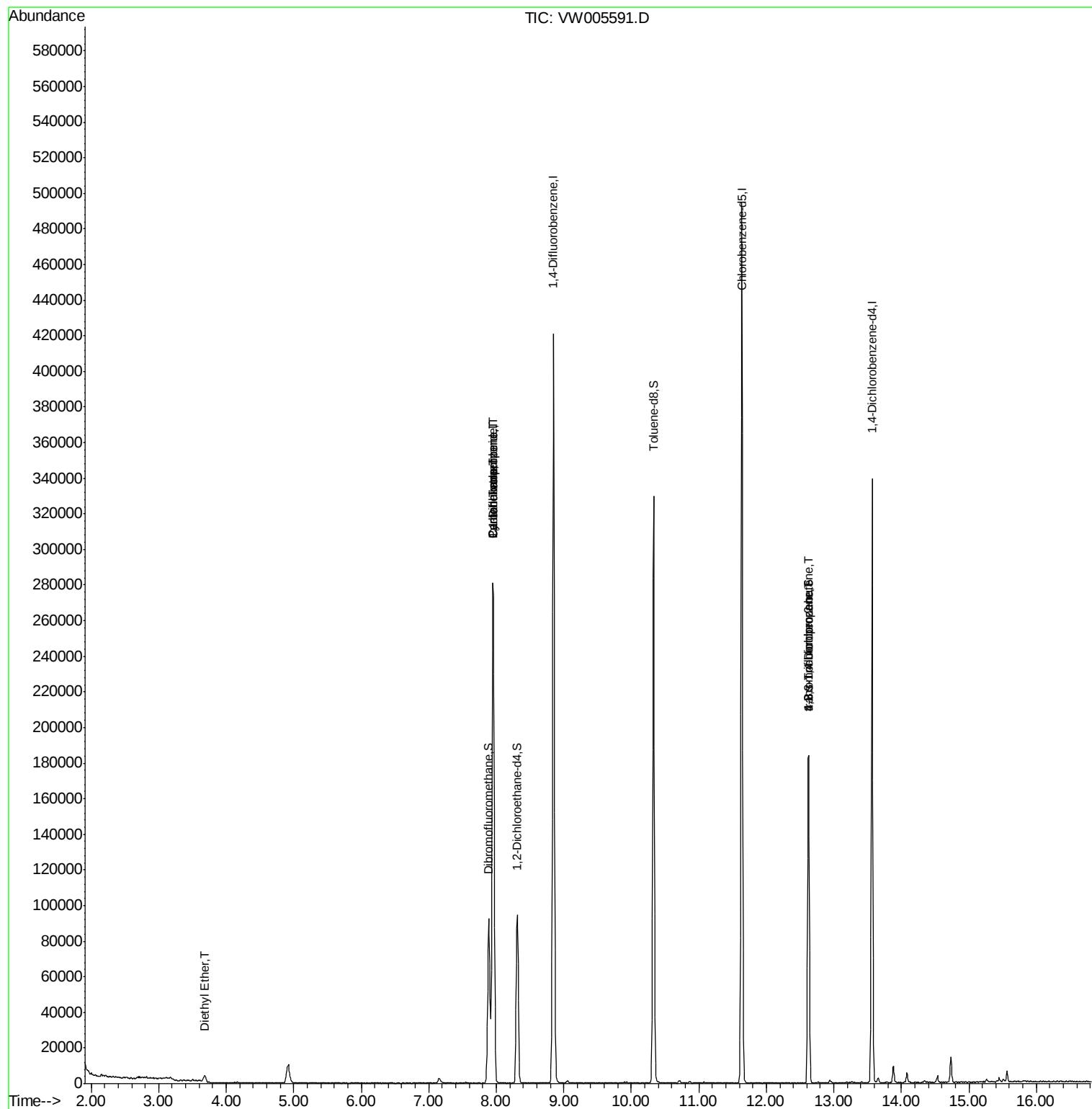
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	2284	2.191	ug/l	96
11) Tert butyl alcohol	5.24	59	51	Below Cal	#	72
16) Acetone	4.15	43	1161	Below Cal		97
20) Methylene Chloride	4.92	84	8104	Below Cal	#	97
31) Cyclohexane	7.95	56	4515	1.164	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	16765	4.949	ug/l #	50
38) Carbon Tetrachloride	7.96	117	20450	5.633	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	30770	40.515	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	30770	91.253	ug/l #	7

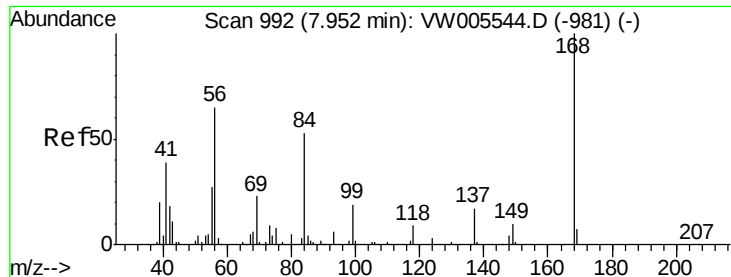
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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JC-02-092118-E

Quant Time: Sep 25 04:58:19 2018
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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005591.D

Acq: 24 Sep 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

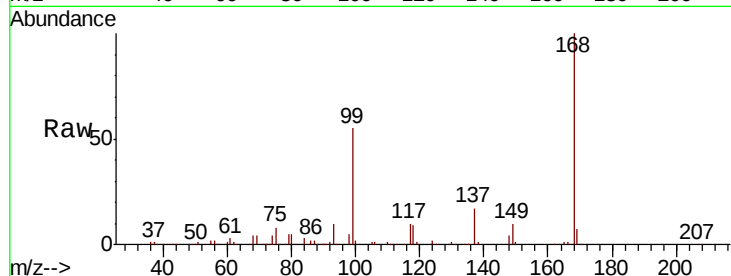
JC-02-092118-E

Tot Ion:168 Resp: 212367

Ion Ratio Lower Upper

168 100

99 55.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

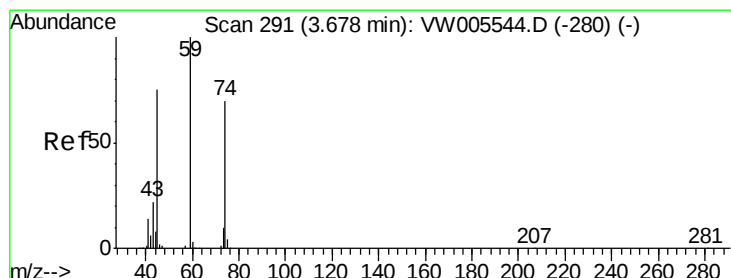
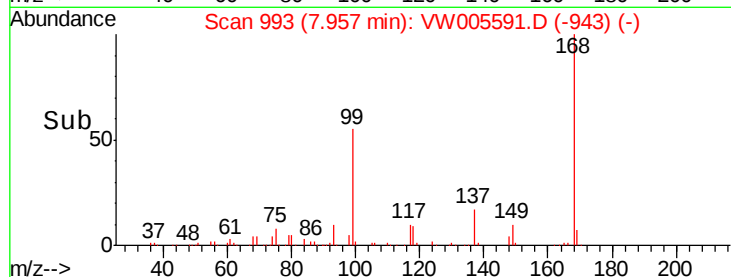
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.191 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005591.D

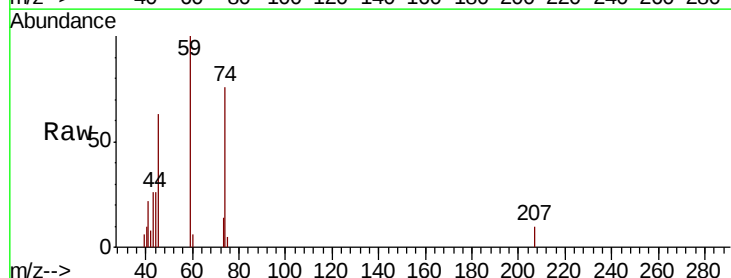
Acq: 24 Sep 2018 17:56

Tgt Ion: 74 Resp: 2284

Ion Ratio Lower Upper

74 100

45 99.6 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

1000

800

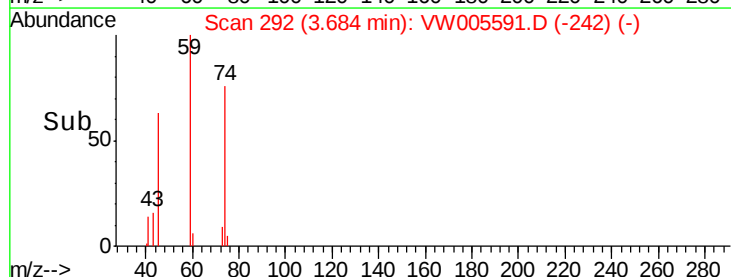
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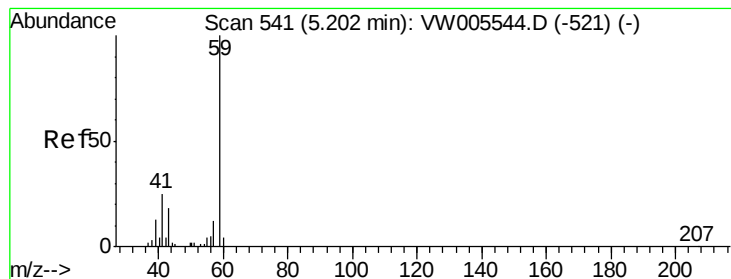
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200

0

Time-->



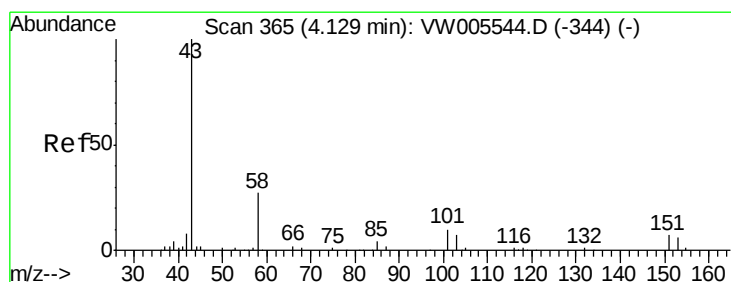
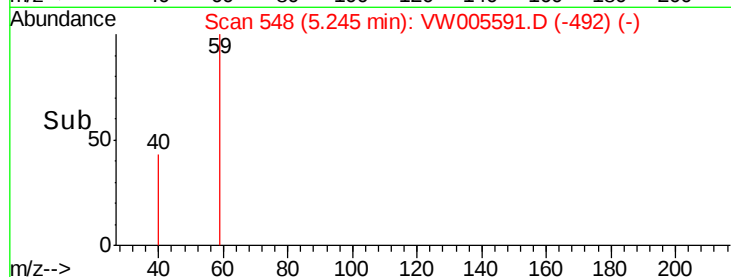
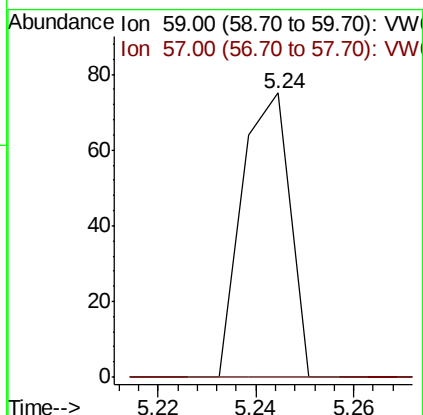
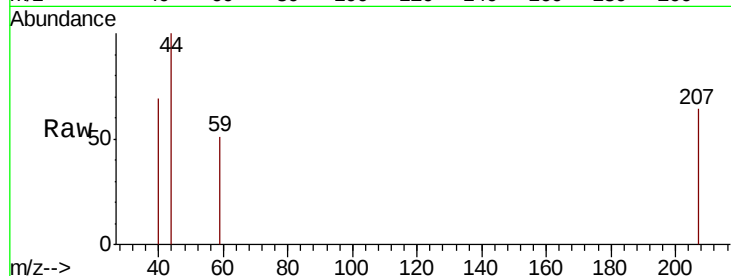


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.24 min Scan# 548
 Delta R.T. 0.04 min
 Lab File: VW005591.D
 Acq: 24 Sep 2018 17:56

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-E

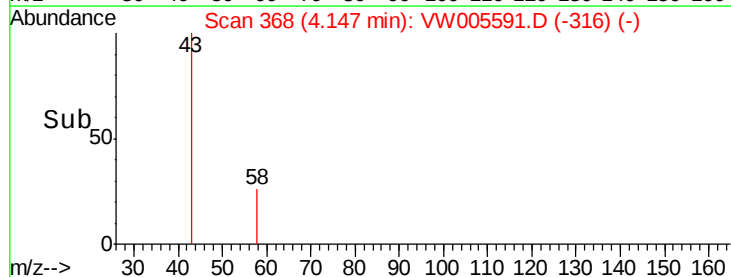
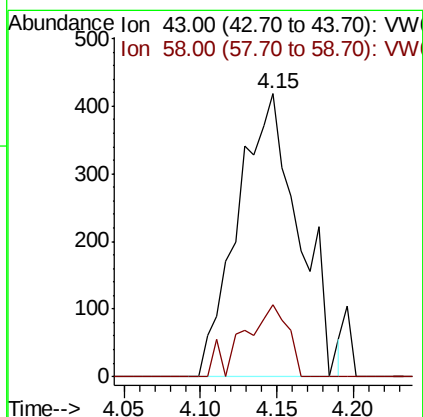
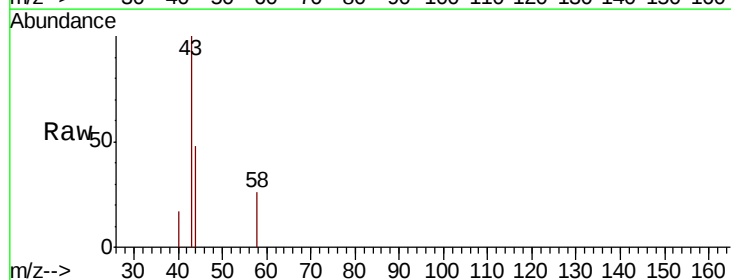
Tot Ion: 59 Resp: 51
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

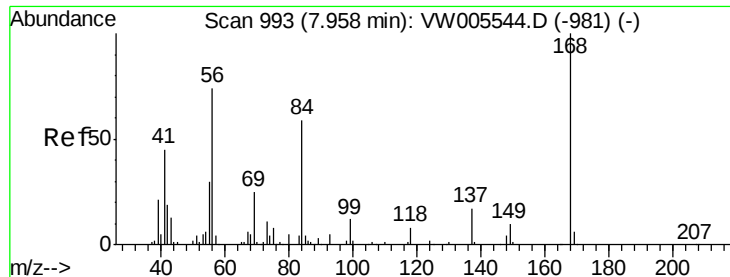


#16

Acetone
 Concen: Below Cal
 RT: 4.15 min Scan# 368
 Delta R.T. 0.02 min
 Lab File: VW005591.D
 Acq: 24 Sep 2018 17:56

Tgt Ion: 43 Resp: 1161
 Ion Ratio Lower Upper
 43 100
 58 25.6 21.8 32.8

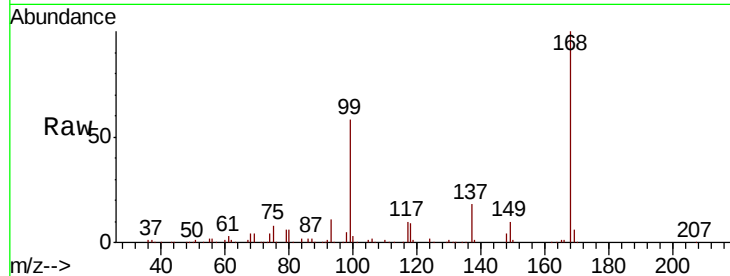




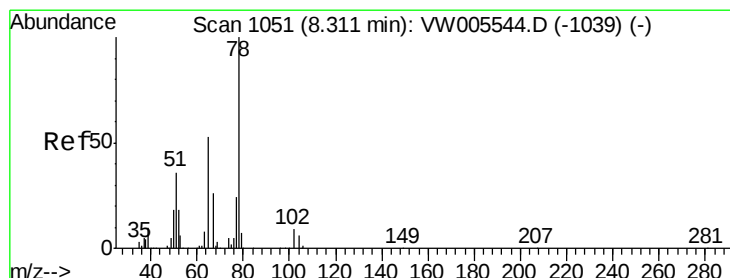
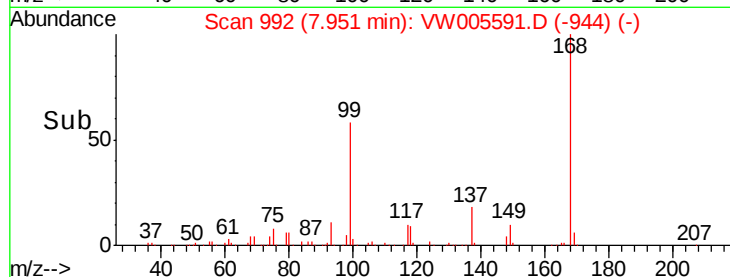
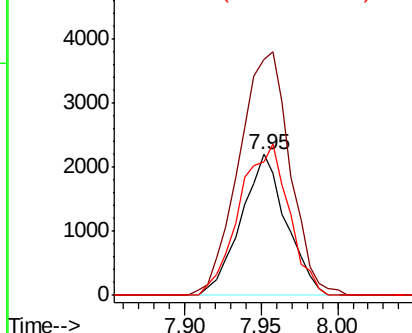
#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005591.D
Acq: 24 Sep 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-E

Tot Ion: 56 Resp: 4515
Ion Ratio Lower Upper
56 100
69 167.2 27.0 40.4#
84 95.2 64.2 96.4

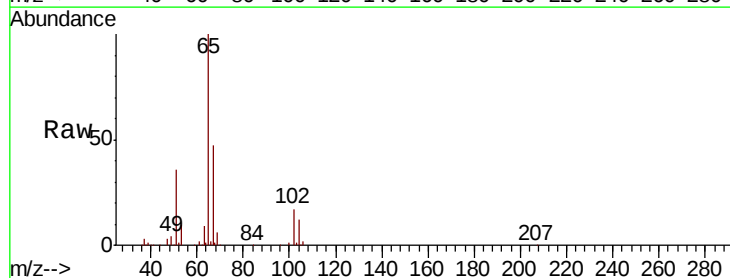


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

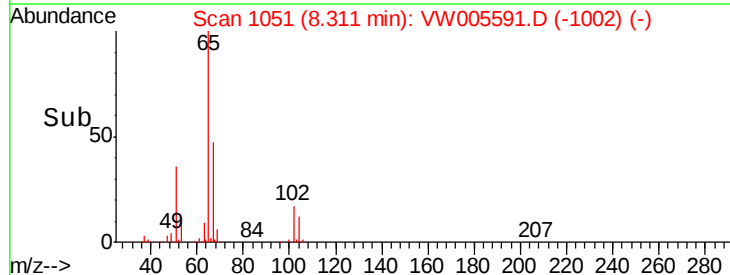
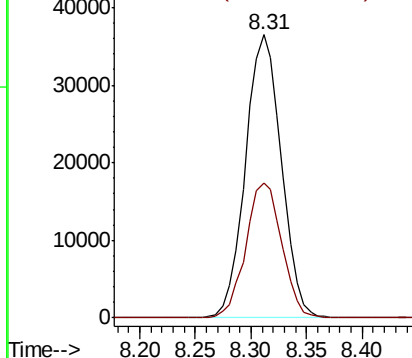


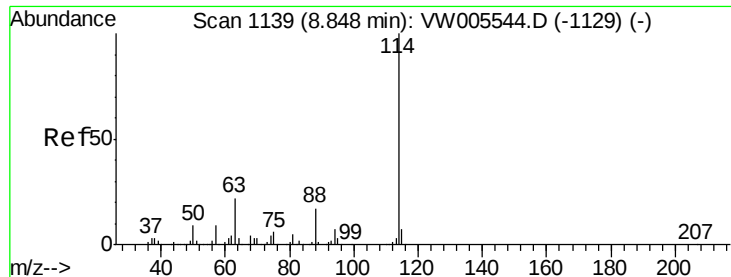
#33
1,2-Dichloroethane-d4
Concen: 32.670 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005591.D
Acq: 24 Sep 2018 17:56

Tgt Ion: 65 Resp: 81734
Ion Ratio Lower Upper
65 100
67 47.9 0.0 100.6



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

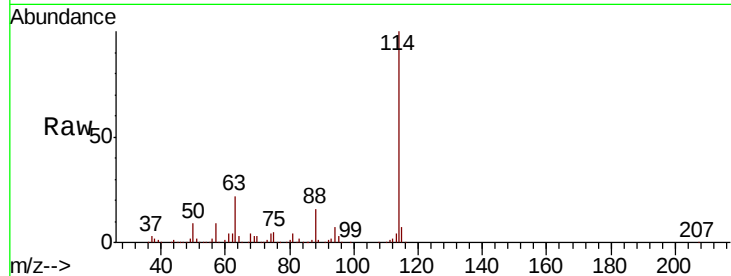




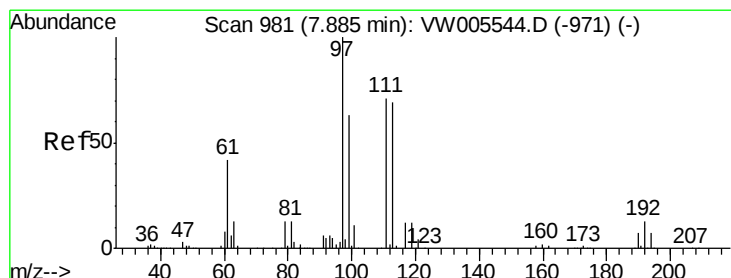
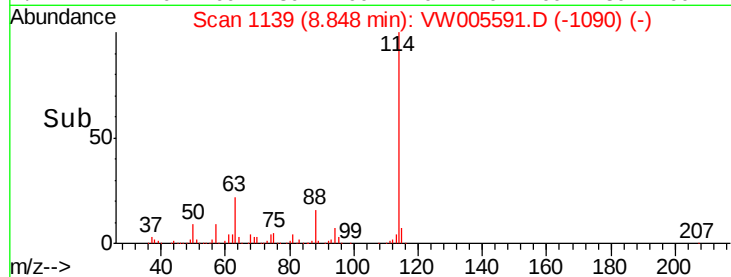
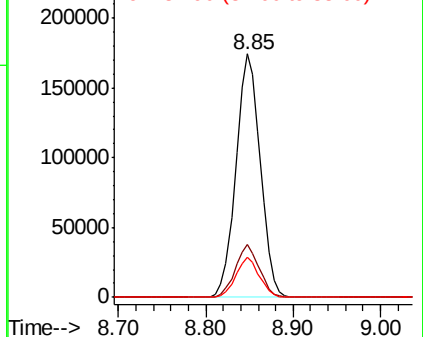
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005591.D
 Acq: 24 Sep 2018 17:56

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-E

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.0
88	16.2	0.0	33.0

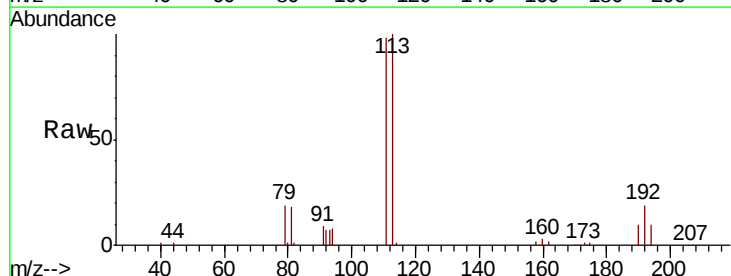


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

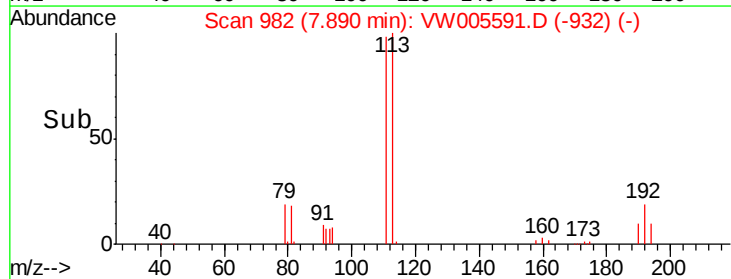
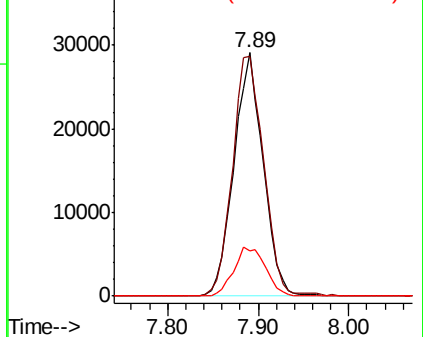


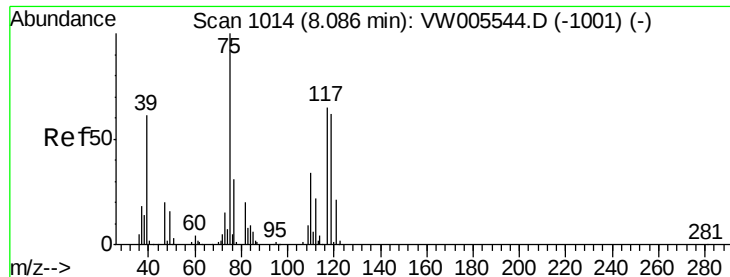
#35
 Dibromofluoromethane
 Concen: 30.799 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005591.D
 Acq: 24 Sep 2018 17:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.6	123.8
192	21.5	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: 4.949 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005591.D

Acq: 24 Sep 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-E

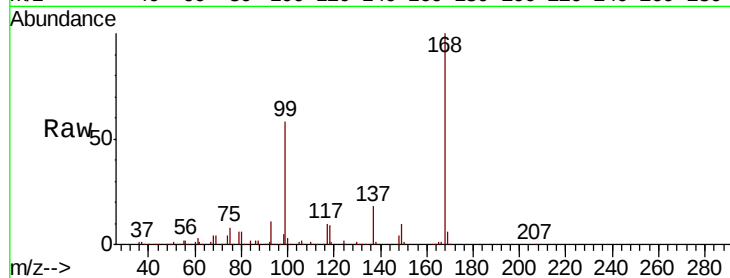
Tot Ion: 75 Resp: 16765

Ion Ratio Lower Upper

75 100

110 8.3 17.0 50.9#

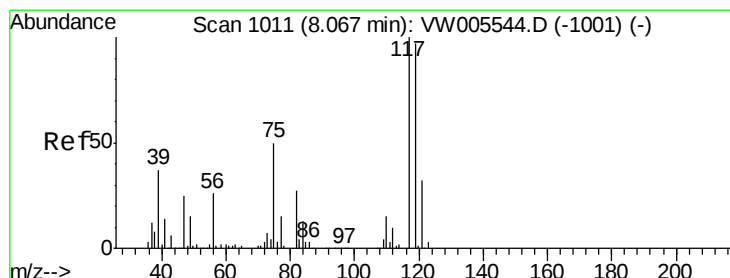
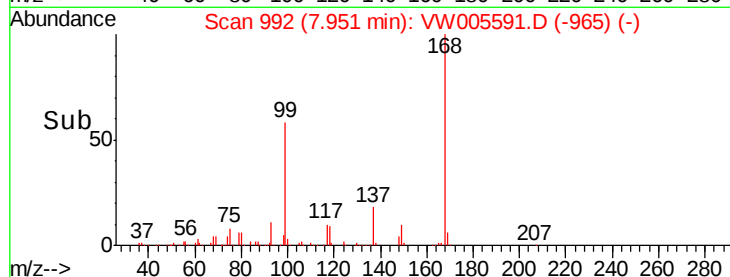
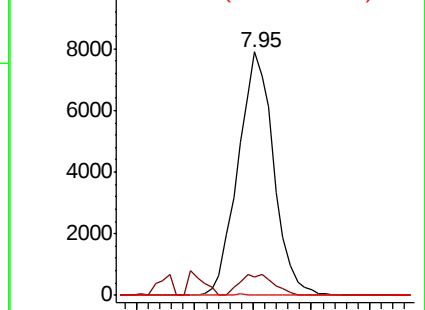
77 0.2 24.8 37.2#



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: 5.633 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.11 min

Lab File: VW005591.D

Acq: 24 Sep 2018 17:56

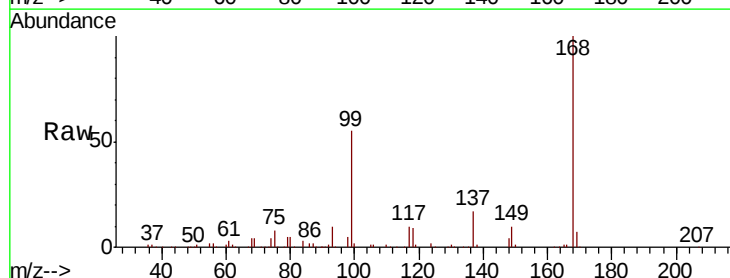
Tgt Ion: 117 Resp: 20450

Ion Ratio Lower Upper

117 100

119 5.7 77.6 116.4#

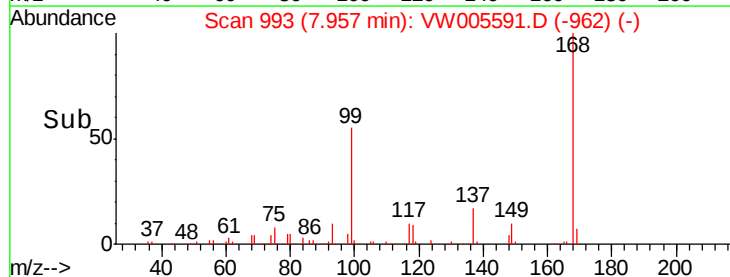
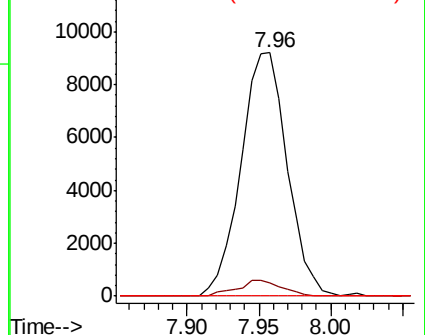
121 0.0 25.7 38.5#

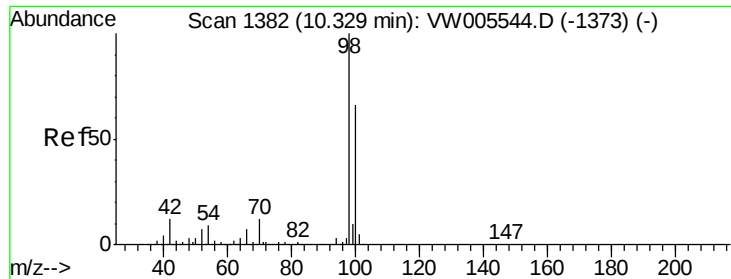


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 24.659 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005591.D

Acq: 24 Sep 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

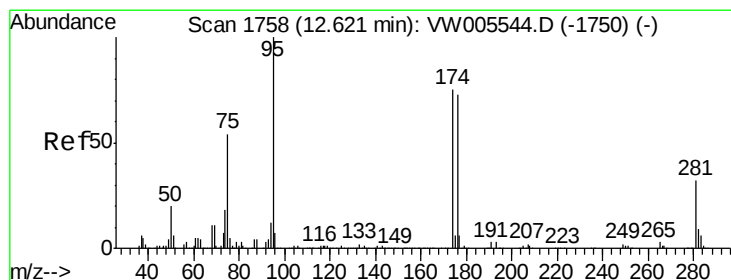
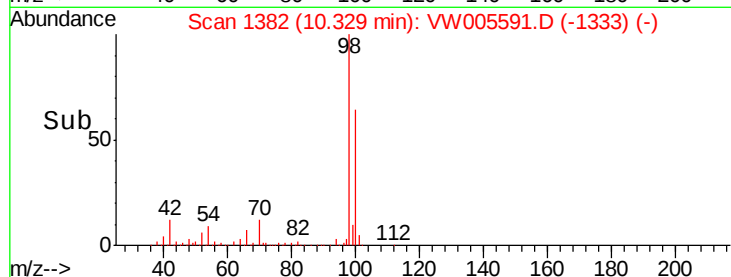
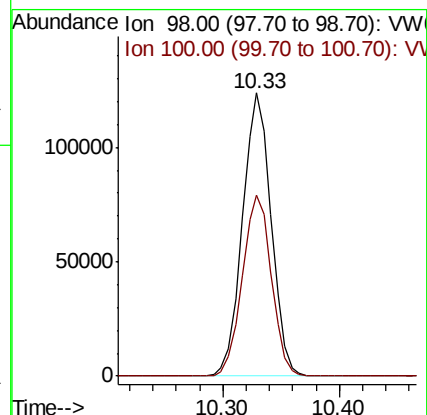
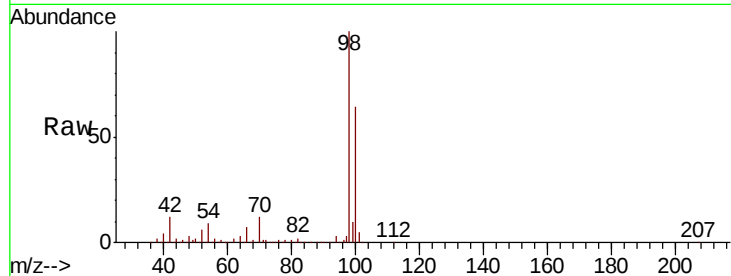
JC-02-092118-E

Tot Ion: 98 Resp: 212498

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 18.508 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005591.D

Acq: 24 Sep 2018 17:56

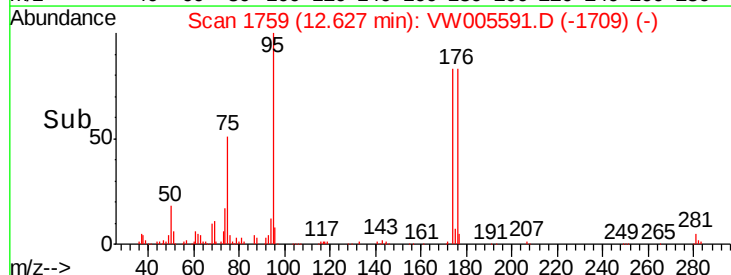
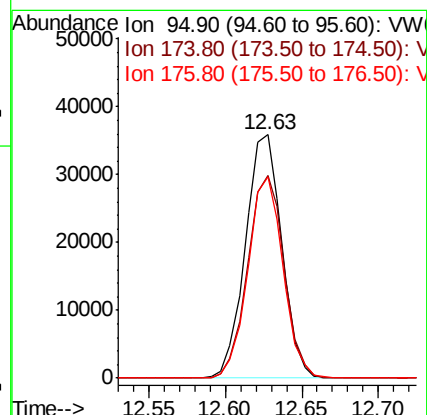
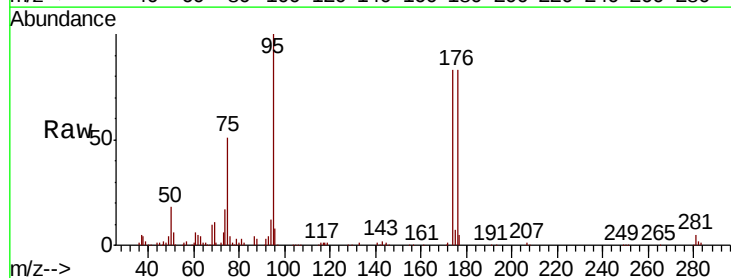
Tgt Ion: 95 Resp: 59017

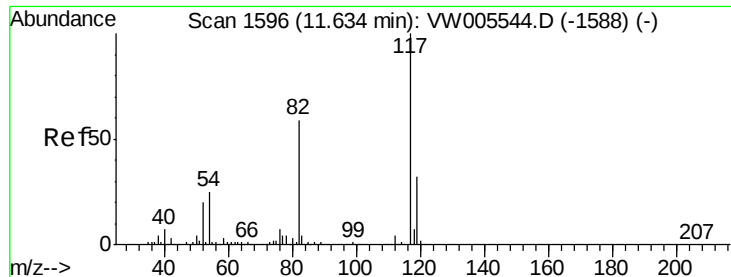
Ion Ratio Lower Upper

95 100

174 83.8 0.0 163.8

176 80.2 0.0 158.0

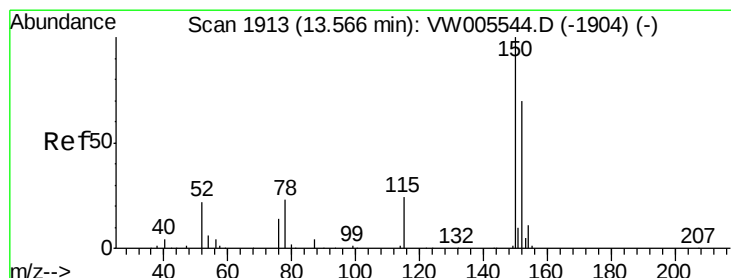
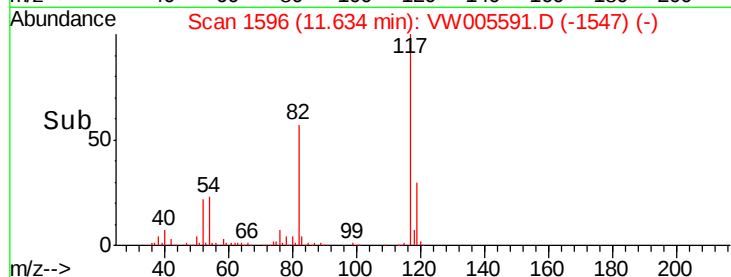
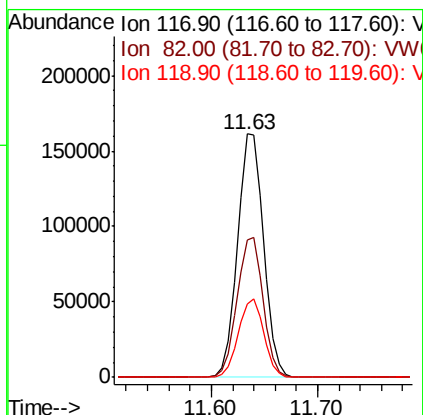
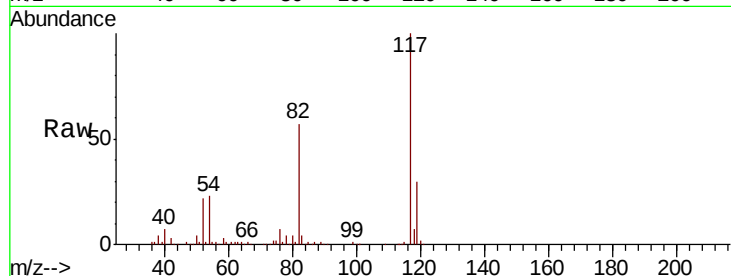




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005591.D
Acq: 24 Sep 2018 17:56

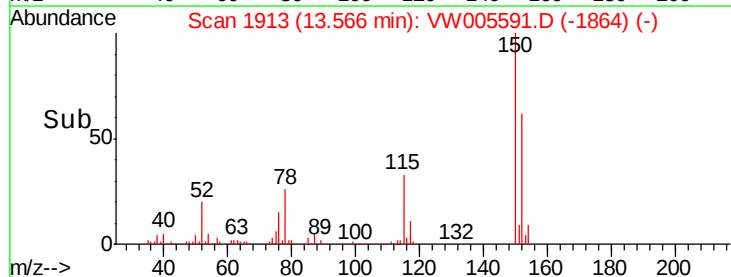
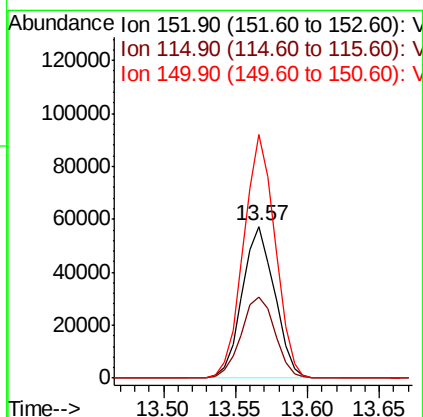
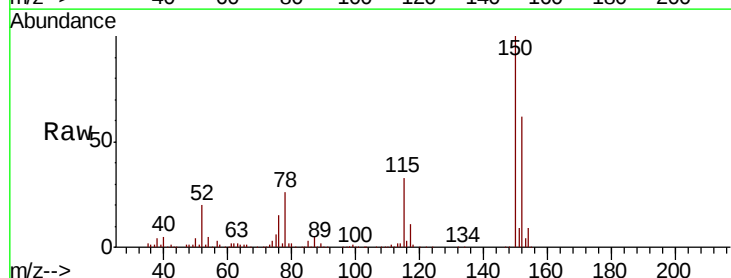
Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-E

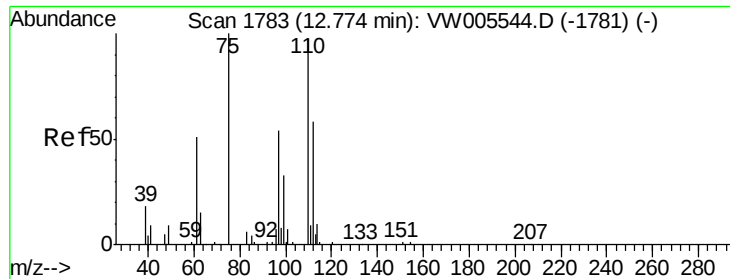
Tot Ion:117 Resp: 277642
Ion Ratio Lower Upper
117 100
82 56.6 46.9 70.3
119 30.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005591.D
Acq: 24 Sep 2018 17:56

Tgt Ion:152 Resp: 89094
Ion Ratio Lower Upper
152 100
115 56.1 30.0 90.0
150 156.8 0.0 348.6

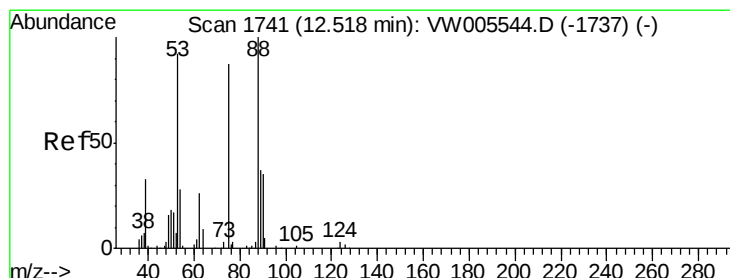
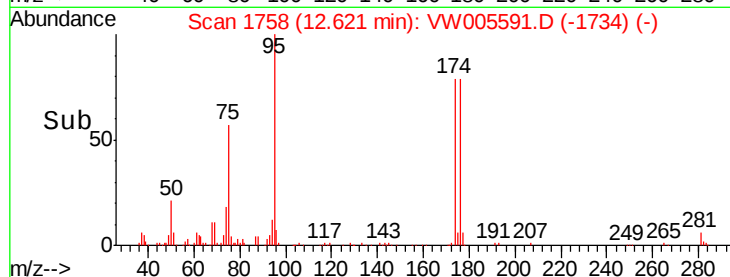
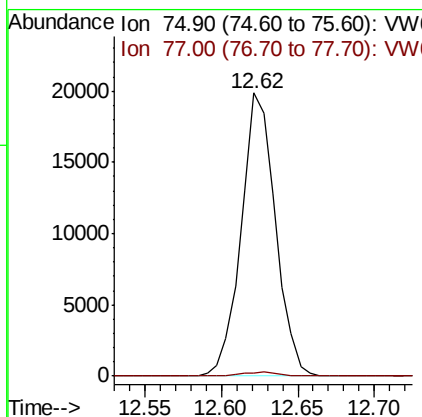
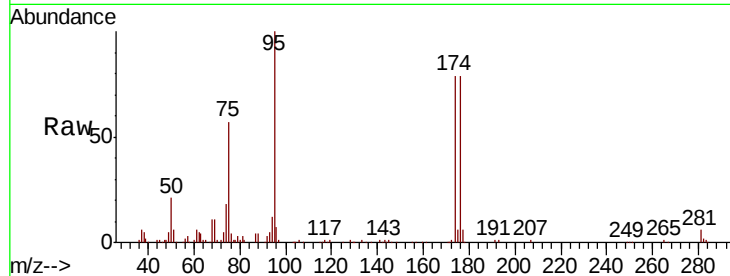




#76
 1,2,3-Trichloropropane
 Concen: 40.515 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005591.D
 Acq: 24 Sep 2018 17:56

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-E

Tot Ion: 75 Resp: 30770
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.253 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005591.D
 Acq: 24 Sep 2018 17:56

Tgt Ion: 75 Resp: 30770
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.8 128.6#
 89 0.0 37.3 55.9#

