

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005593.D
 Acq On : 24 Sep 2018 18:48
 Operator : VA/AP
 Sample : J4770-13
 Misc : 6.45G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Sep 25 04:58:41 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	207769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	325387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	297666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	118029	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	82520	33.71	ug/l	0.00
Spiked Amount			Recovery	=	67.42%	
35) Dibromofluoromethane	7.89	113	65882	32.20	ug/l	0.00
Spiked Amount			Recovery	=	64.40%	
50) Toluene-d8	10.33	98	235255	28.24	ug/l	0.00
Spiked Amount			Recovery	=	56.48%	
62) 4-Bromofluorobenzene	12.62	95	81041	26.29	ug/l	0.00
Spiked Amount			Recovery	=	52.58%	

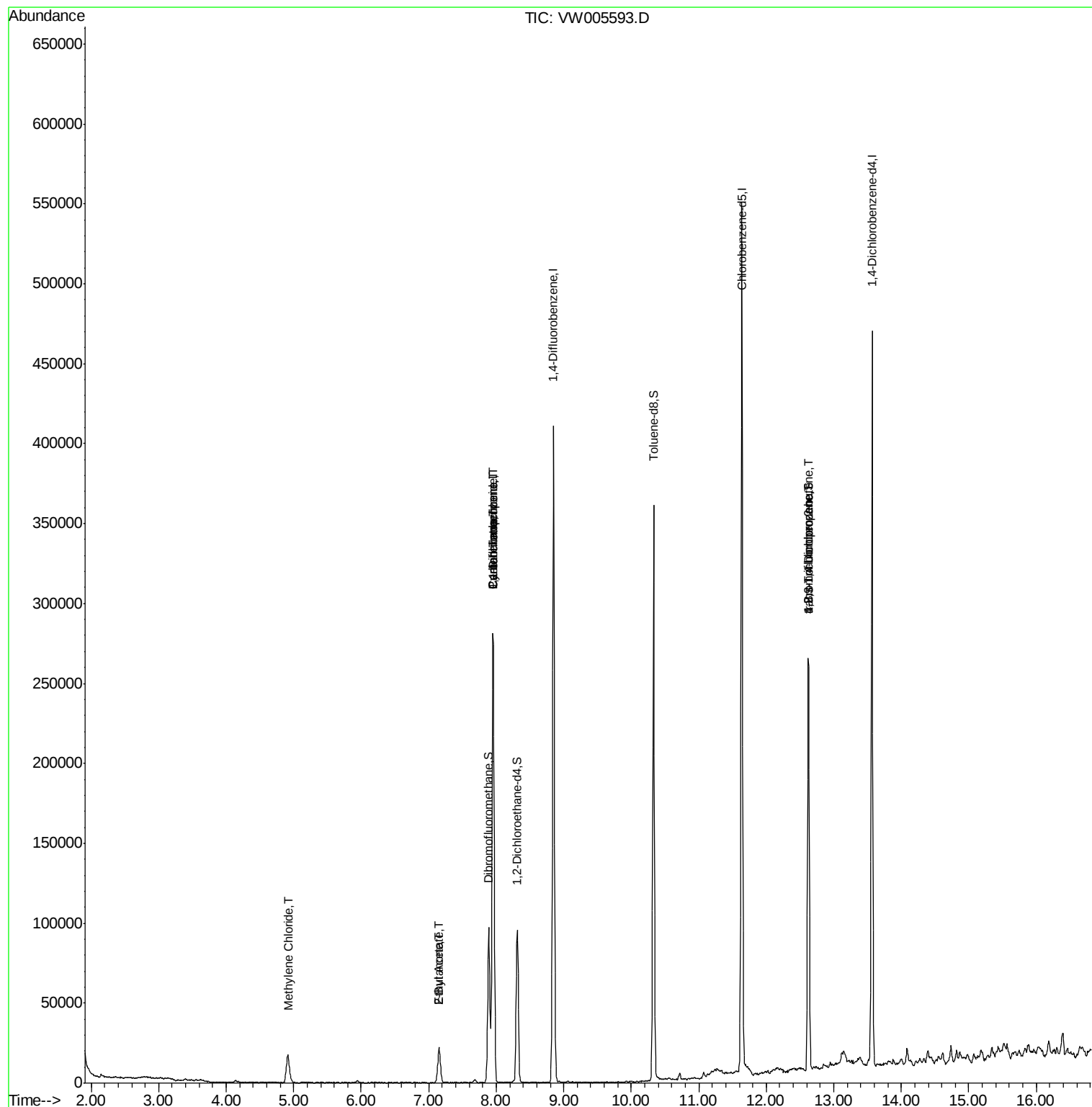
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	68	Below Cal	#	72
16) Acetone	4.14	43	2746	Below Cal	#	81
20) Methylene Chloride	4.91	84	13944	2.747	ug/l	91
25) 2-Butanone	7.14	43	1388	2.335	ug/l #	87
31) Cyclohexane	7.95	56	4520	1.191	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	15655	4.779	ug/l #	52
37) Ethyl Acetate	7.14	43	1388	1.007	ug/l #	1
38) Carbon Tetrachloride	7.95	117	20233	5.764	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	43798	43.532	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	43798	98.047	ug/l #	7

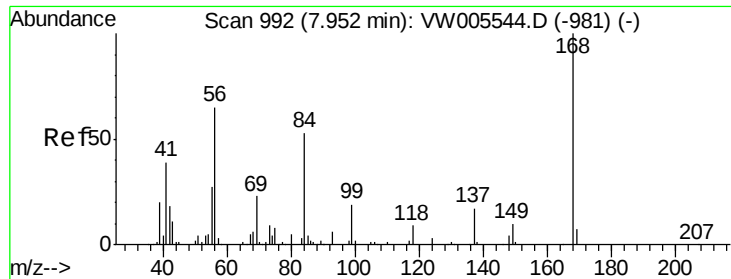
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005593.D

Acq: 24 Sep 2018 18:48

Instrument :

MSVOA_W

ClientSampleId :

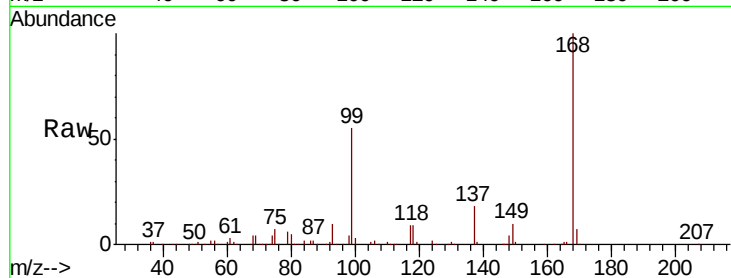
JC-02-092118-G

Tot Ion:168 Resp: 207769

Ion Ratio Lower Upper

168 100

99 55.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

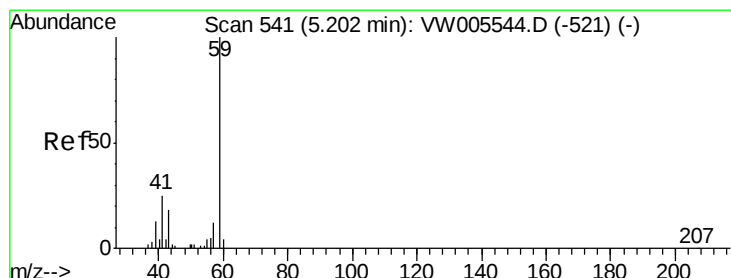
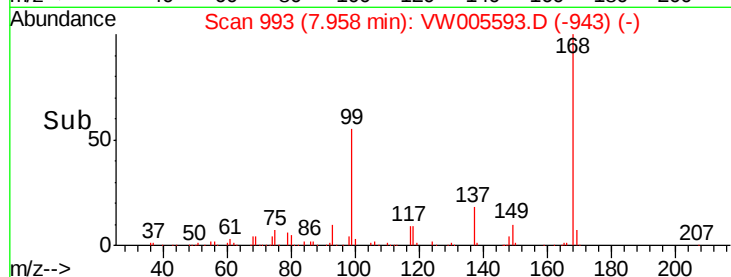
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 542

Delta R.T. 0.01 min

Lab File: VW005593.D

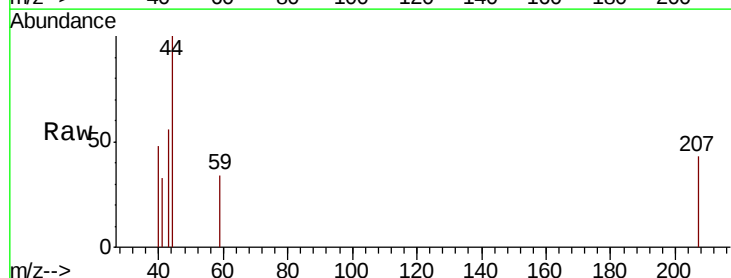
Acq: 24 Sep 2018 18:48

Tgt Ion: 59 Resp: 68

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

120

100

80

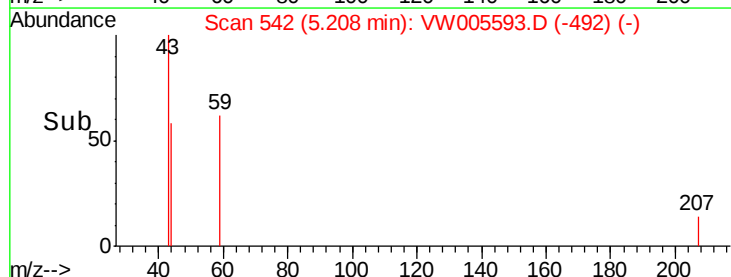
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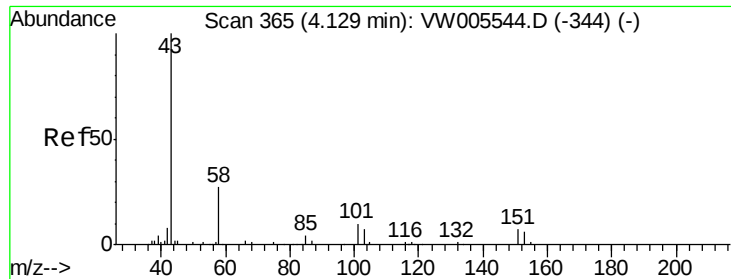
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20

0

Time-->

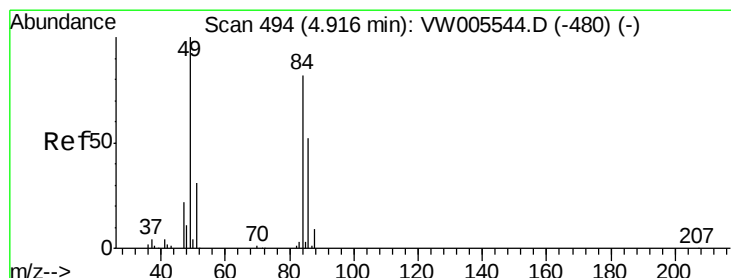
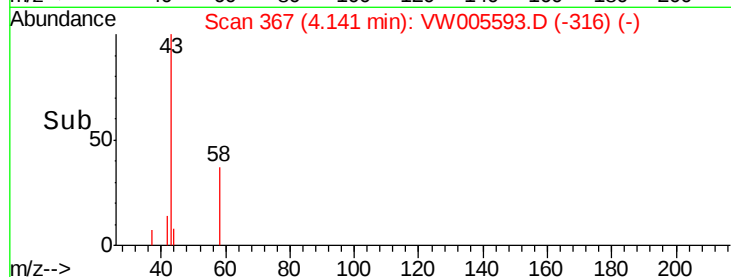
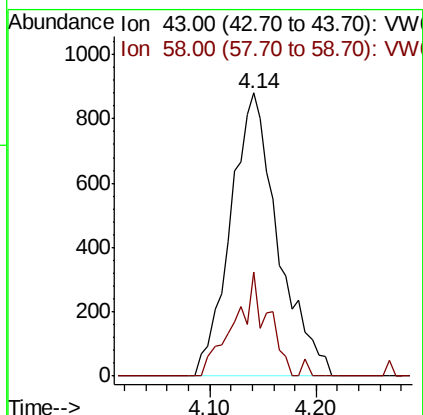
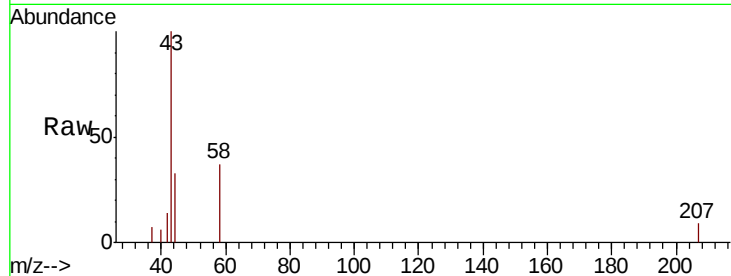




#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW005593.D
Acq: 24 Sep 2018 18:48

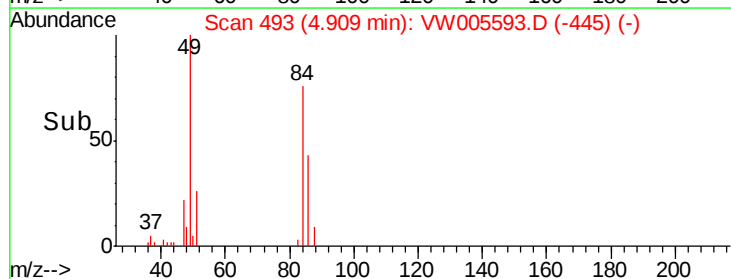
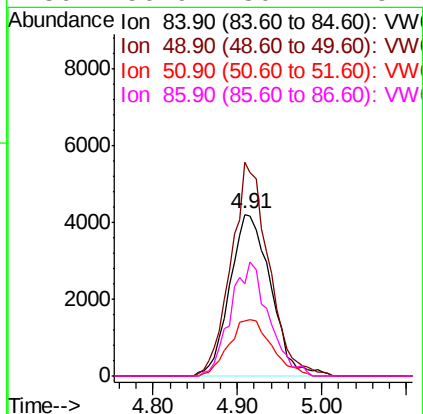
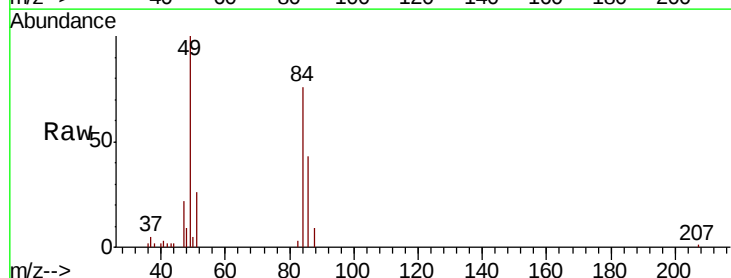
Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-G

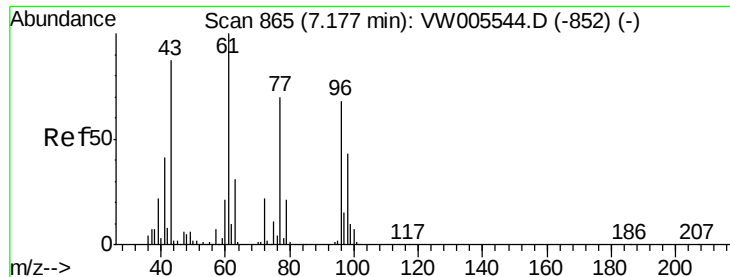
Tot Ion: 43 Resp: 2746
Ion Ratio Lower Upper
43 100
58 37.0 21.8 32.8#



#20
Methylene Chloride
Concen: 2.747 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005593.D
Acq: 24 Sep 2018 18:48

Tgt Ion: 84 Resp: 13944
Ion Ratio Lower Upper
84 100
49 132.1 97.0 145.6
51 33.9 30.2 45.2
86 56.9 50.2 75.4





#25

2-Butanone

Concen: 2.335 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW005593.D

Acq: 24 Sep 2018 18:48

Instrument :

MSVOA_W

ClientSampleId :

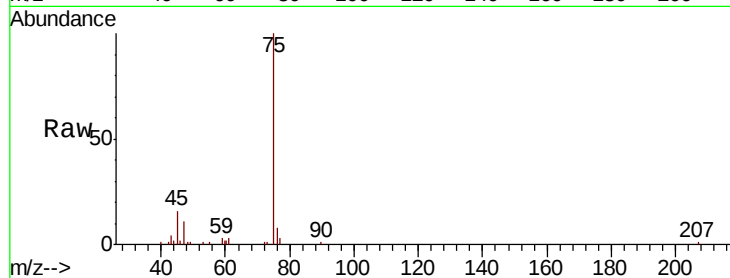
JC-02-092118-G

Tot Ion: 43 Resp: 1388

Ion Ratio Lower Upper

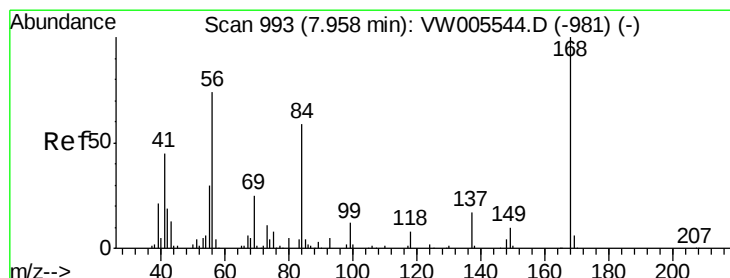
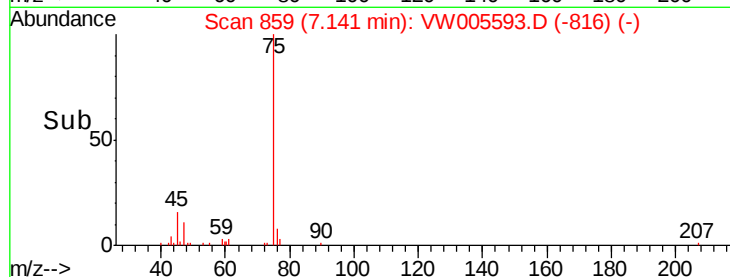
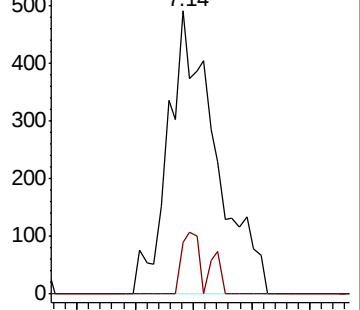
43 100

72 18.4 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.191 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005593.D

Acq: 24 Sep 2018 18:48

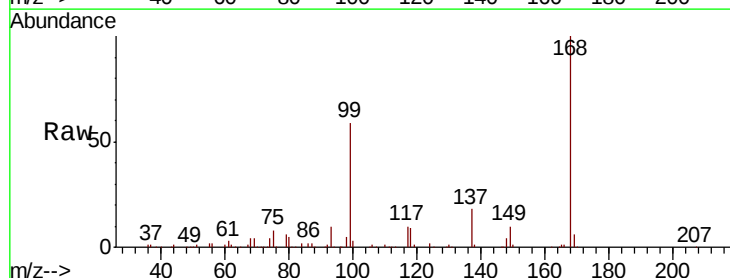
Tgt Ion: 56 Resp: 4520

Ion Ratio Lower Upper

56 100

69 171.4 27.0 40.4#

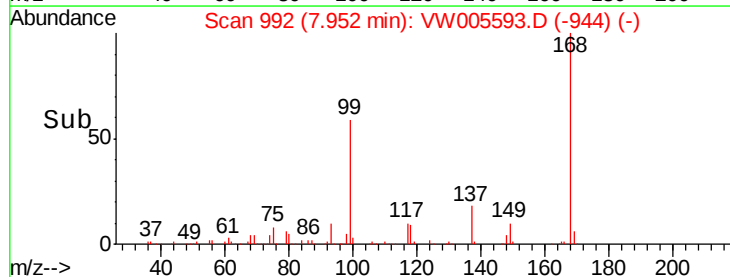
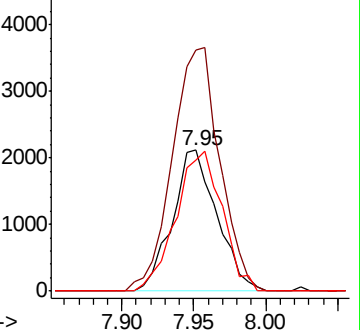
84 92.9 64.2 96.4

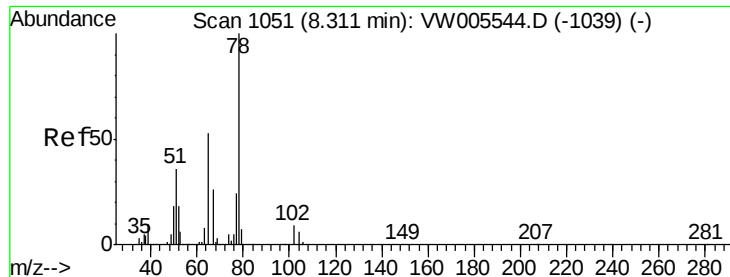


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

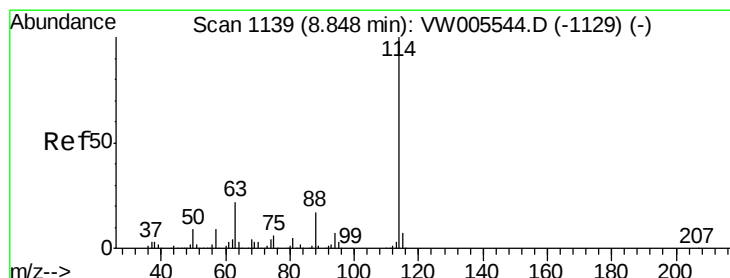
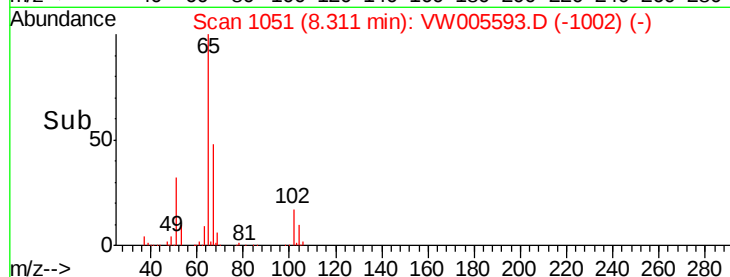
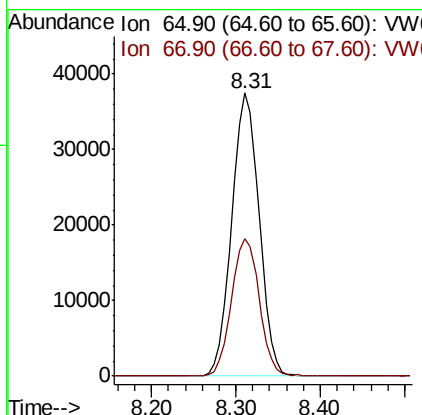
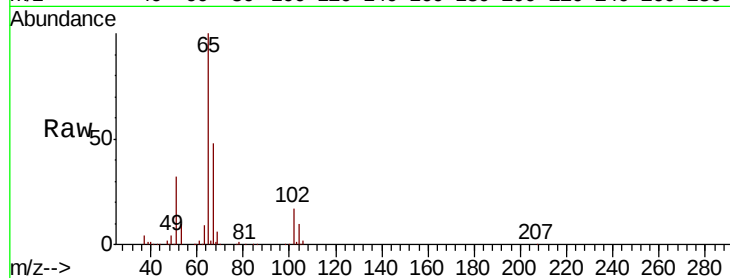




#33
 1,2-Dichloroethane-d4
 Concen: 33.714 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005593.D
 Acq: 24 Sep 2018 18:48

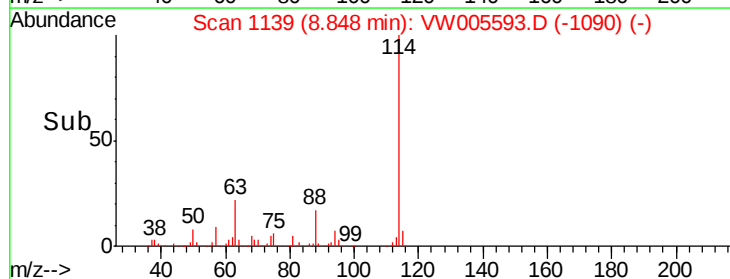
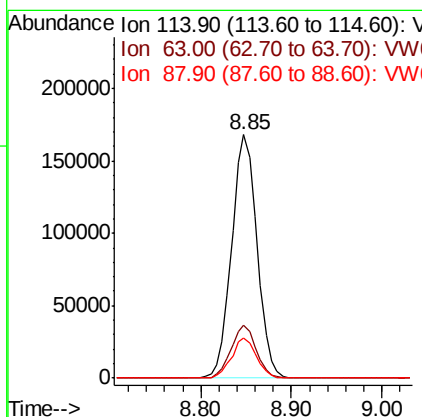
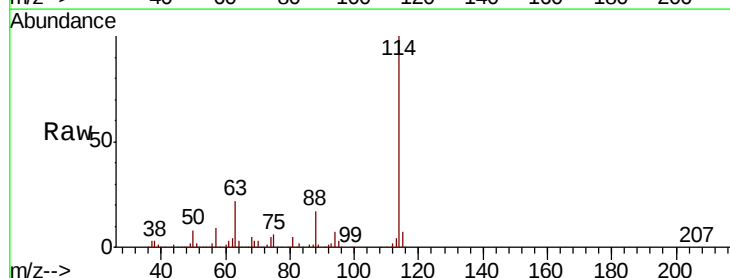
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-G

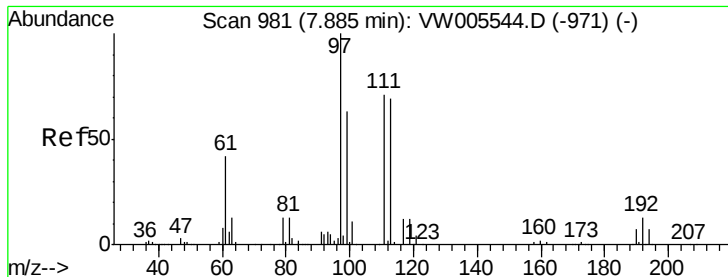
Tot Ion: 65 Resp: 82520
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005593.D
 Acq: 24 Sep 2018 18:48

Tgt Ion: 114 Resp: 325387
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.0
 88 16.7 0.0 33.0

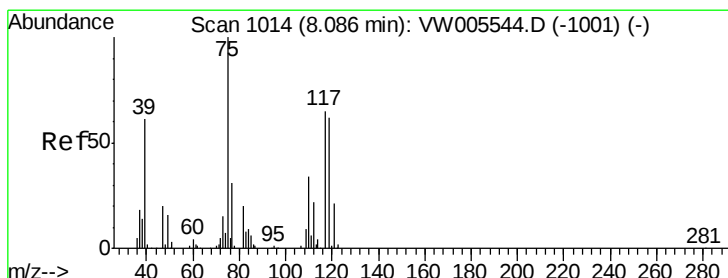
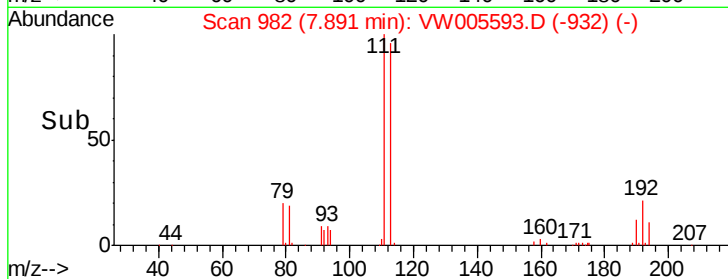
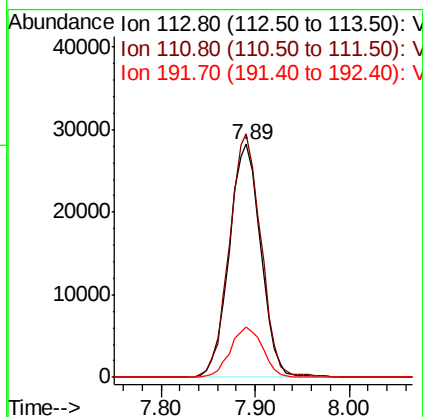
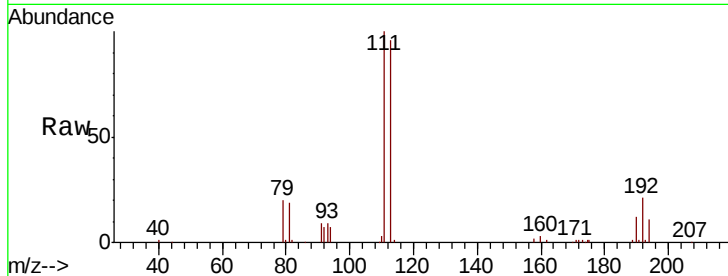




#35
 Dibromofluoromethane
 Concen: 32.197 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005593.D
 Acq: 24 Sep 2018 18:48

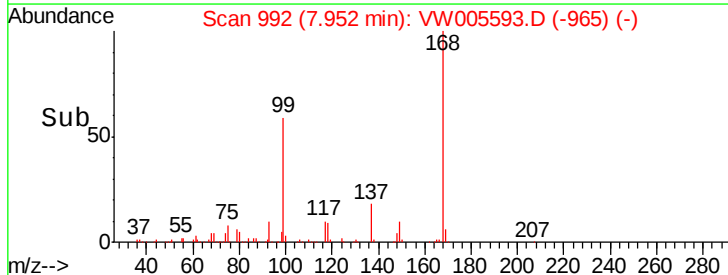
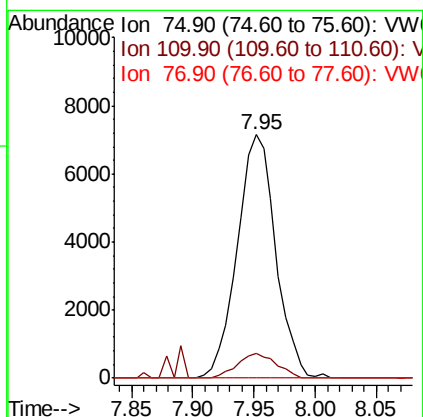
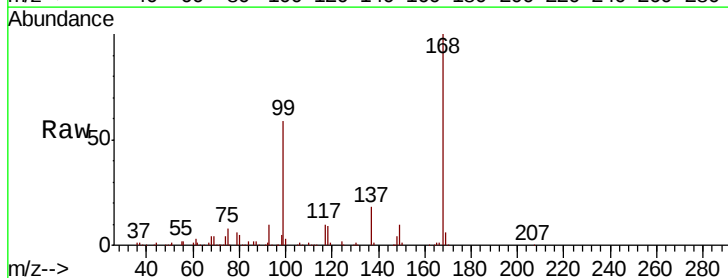
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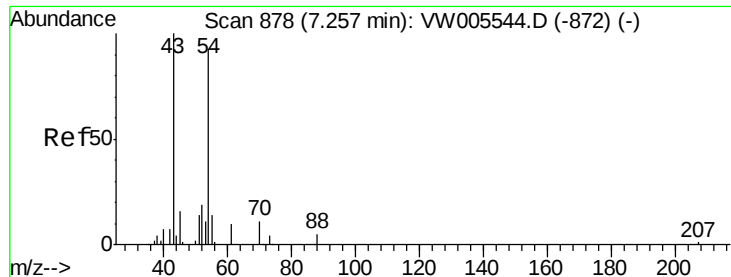
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.6	123.8
192	22.0	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.779 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005593.D
 Acq: 24 Sep 2018 18:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.3	17.0	50.9#
77	0.0	24.8	37.2#

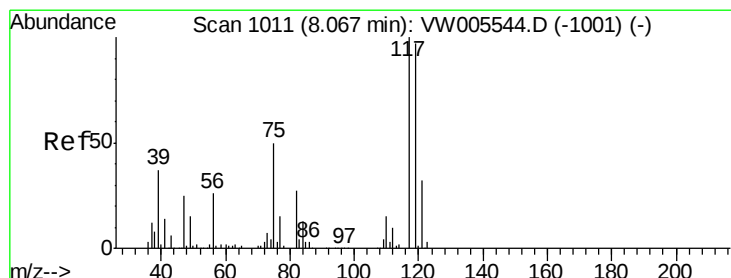
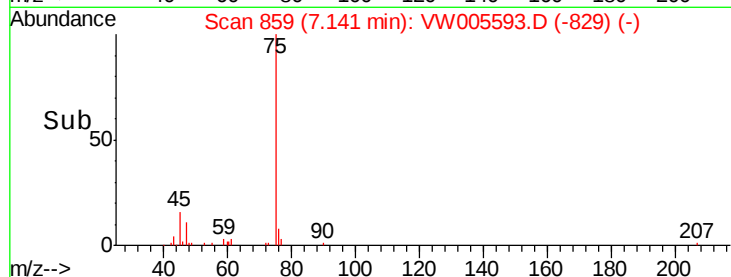
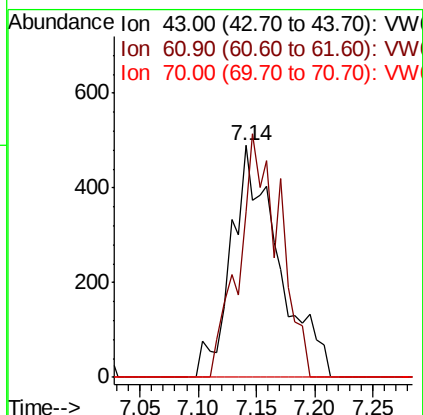
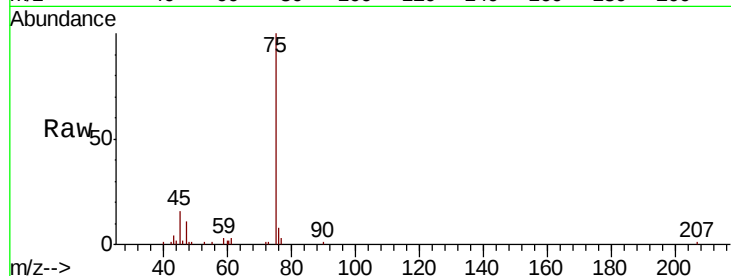




#37
Ethyl Acetate
Concen: 1.007 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.12 min
Lab File: VW005593.D
Acq: 24 Sep 2018 18:48

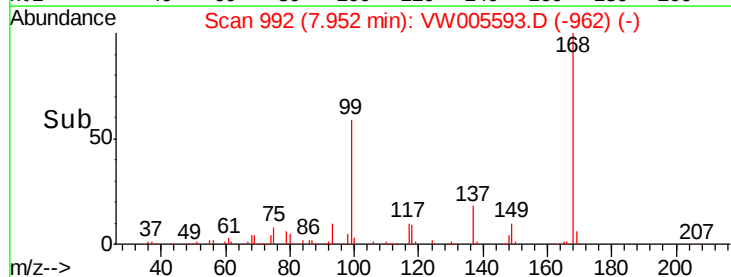
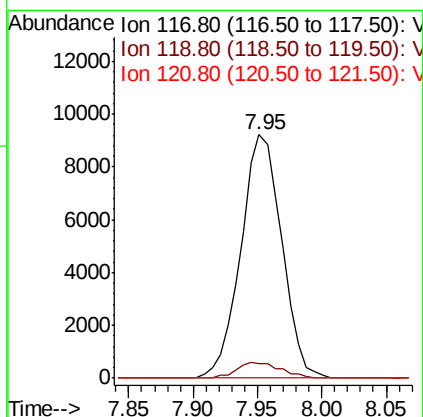
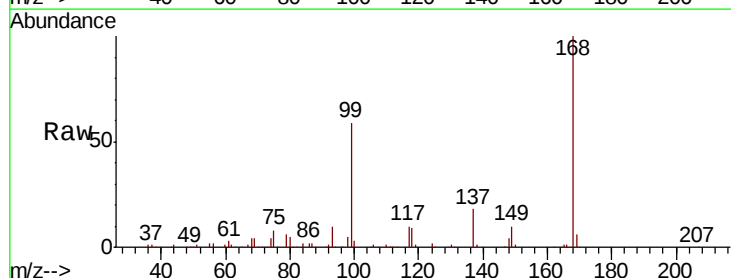
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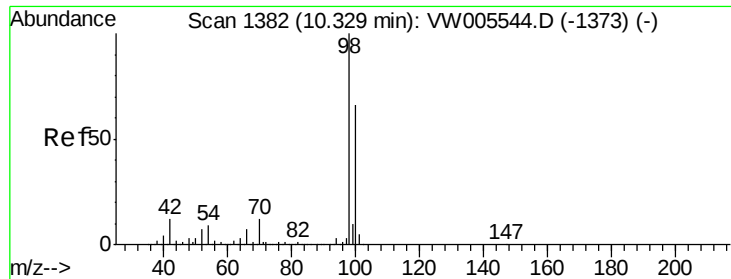
Tot Ion: 43 Resp: 1388
Ion Ratio Lower Upper
43 100
61 90.6 10.4 15.6#
70 0.0 8.2 12.2#



#38
Carbon Tetrachloride
Concen: 5.764 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005593.D
Acq: 24 Sep 2018 18:48

Tgt Ion: 117 Resp: 20233
Ion Ratio Lower Upper
117 100
119 5.9 77.6 116.4#
121 0.0 25.7 38.5#





#50

Toluene-d8

Concen: 28.236 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005593.D

Acq: 24 Sep 2018 18:48

Instrument :

MSVOA_W

ClientSampleId :

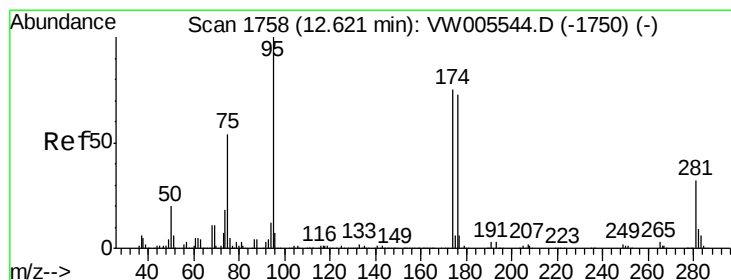
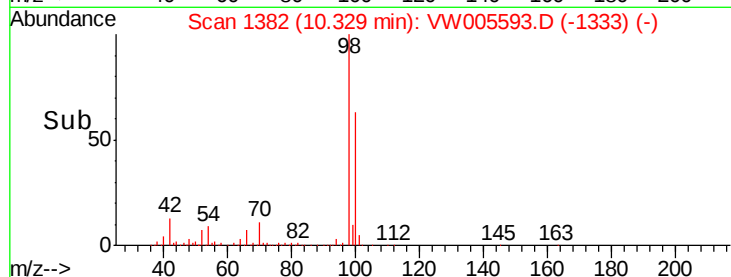
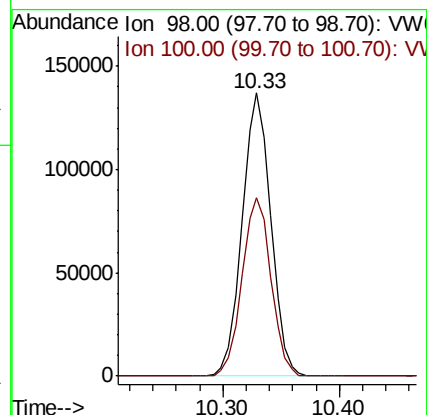
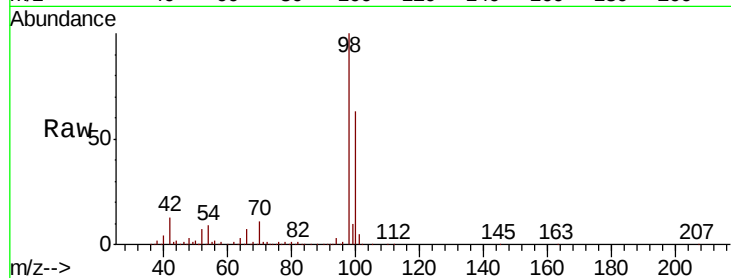
JC-02-092118-G

Tot Ion: 98 Resp: 235255

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 26.287 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005593.D

Acq: 24 Sep 2018 18:48

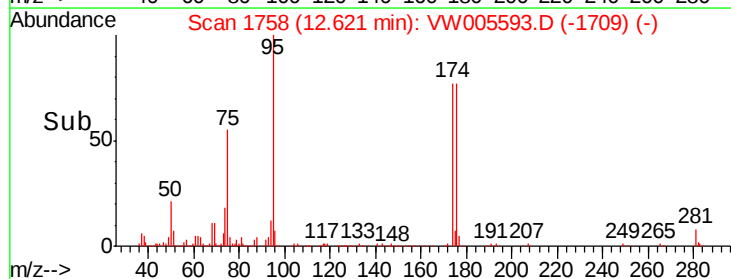
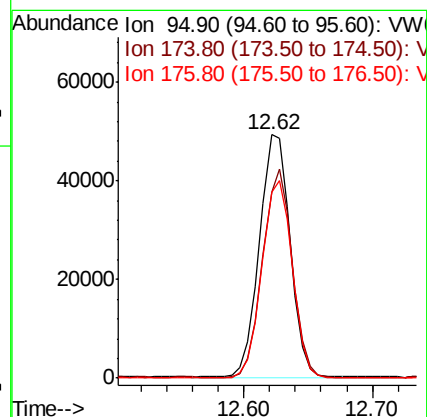
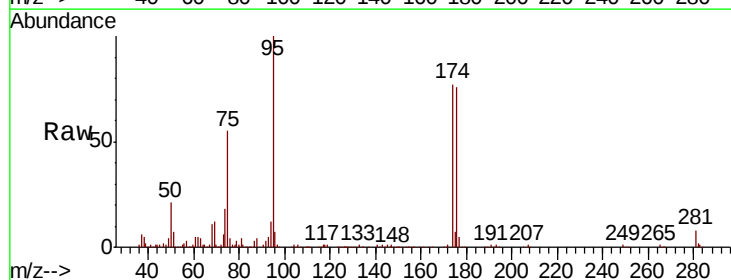
Tgt Ion: 95 Resp: 81041

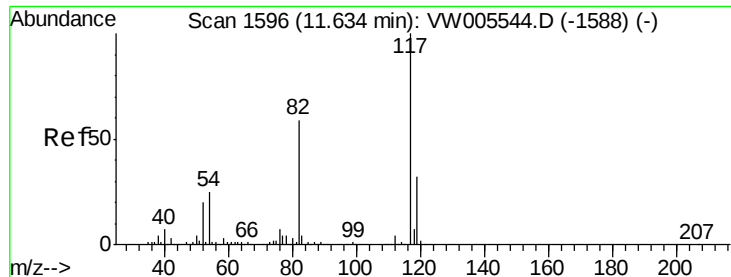
Ion Ratio Lower Upper

95 100

174 82.8 0.0 163.8

176 80.8 0.0 158.0

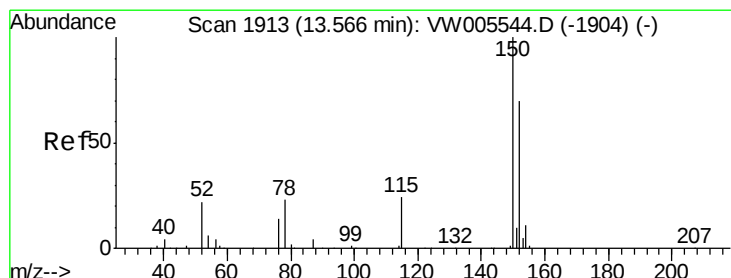
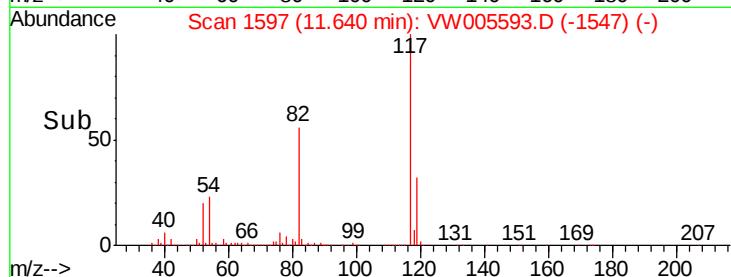
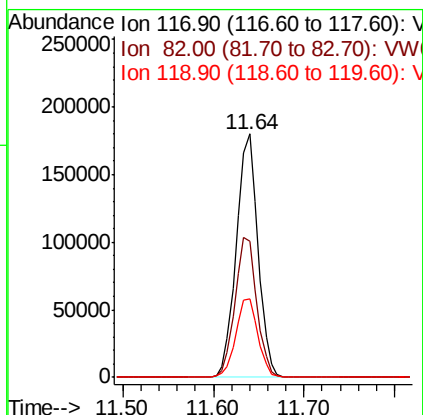
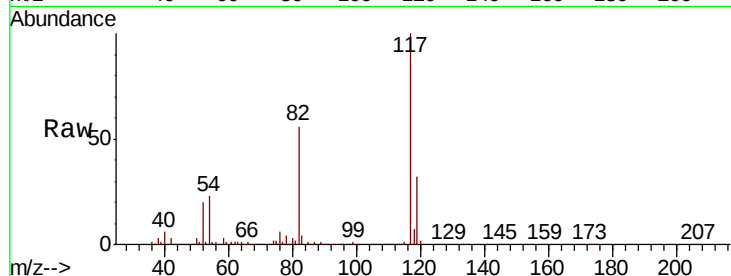




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005593.D
Acq: 24 Sep 2018 18:48

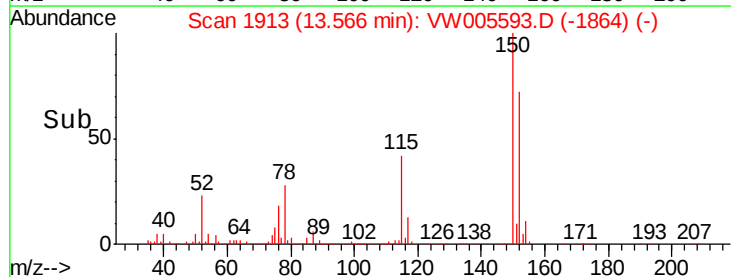
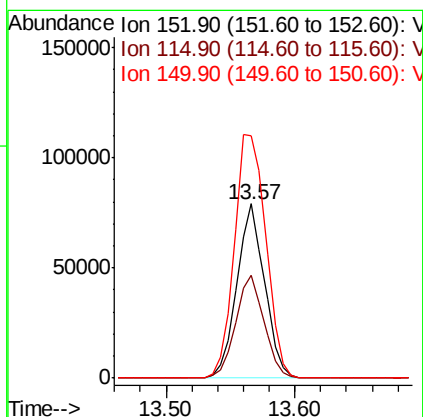
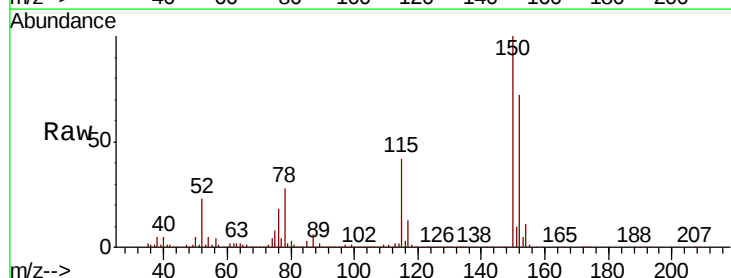
Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-G

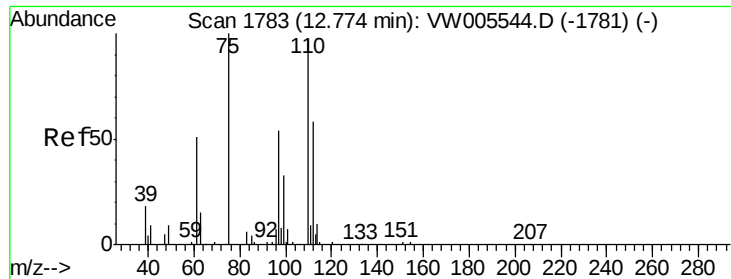
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.9	70.3
119	32.1	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005593.D
Acq: 24 Sep 2018 18:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.0	90.0
150	158.8	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 43.532 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005593.D

Acq: 24 Sep 2018 18:48

Instrument :

MSVOA_W

ClientSampleId :

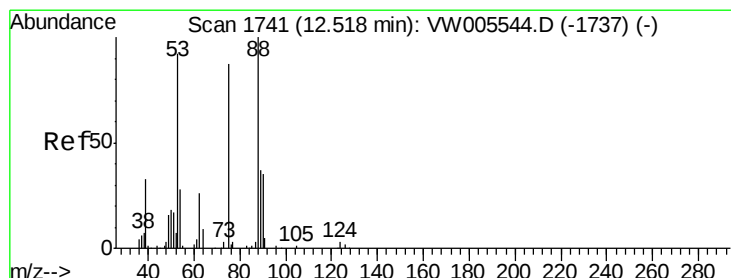
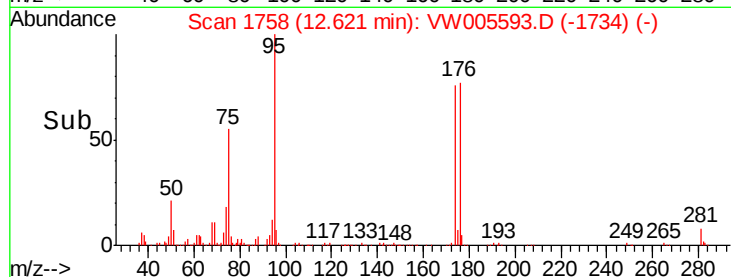
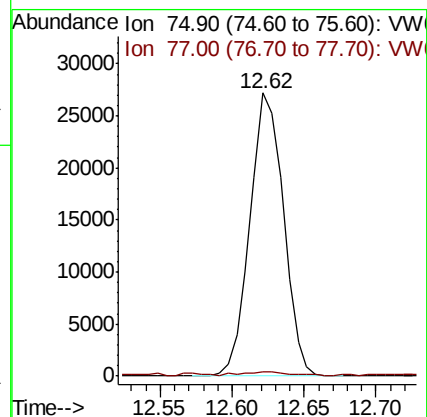
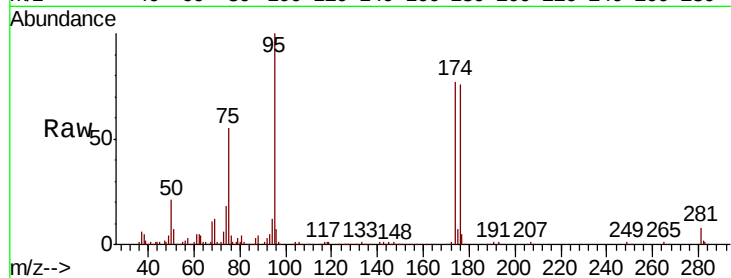
JC-02-092118-G

Tot Ion: 75 Resp: 43798

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 98.047 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005593.D

Acq: 24 Sep 2018 18:48

Tgt Ion: 75 Resp: 43798

Ion Ratio Lower Upper

75 100

53 0.5 85.8 128.6#

89 0.0 37.3 55.9#

