

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005588.D
 Acq On : 24 Sep 2018 16:39
 Operator : VA/AP
 Sample : J4770-03
 Misc : 6.50G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 25 04:57:44 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	223215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	355408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	285484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	102774	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	74363	28.28	ug/l	0.00
Spiked Amount						
			Recovery	=	56.56%	
35) Dibromofluoromethane	7.89	113	61808	27.65	ug/l	0.00
Spiked Amount						
			Recovery	=	55.30%	
50) Toluene-d8	10.33	98	200855	22.07	ug/l	0.00
Spiked Amount						
			Recovery	=	44.14%	
62) 4-Bromofluorobenzene	12.63	95	57482	17.07	ug/l	0.00
Spiked Amount						
			Recovery	=	34.14%	

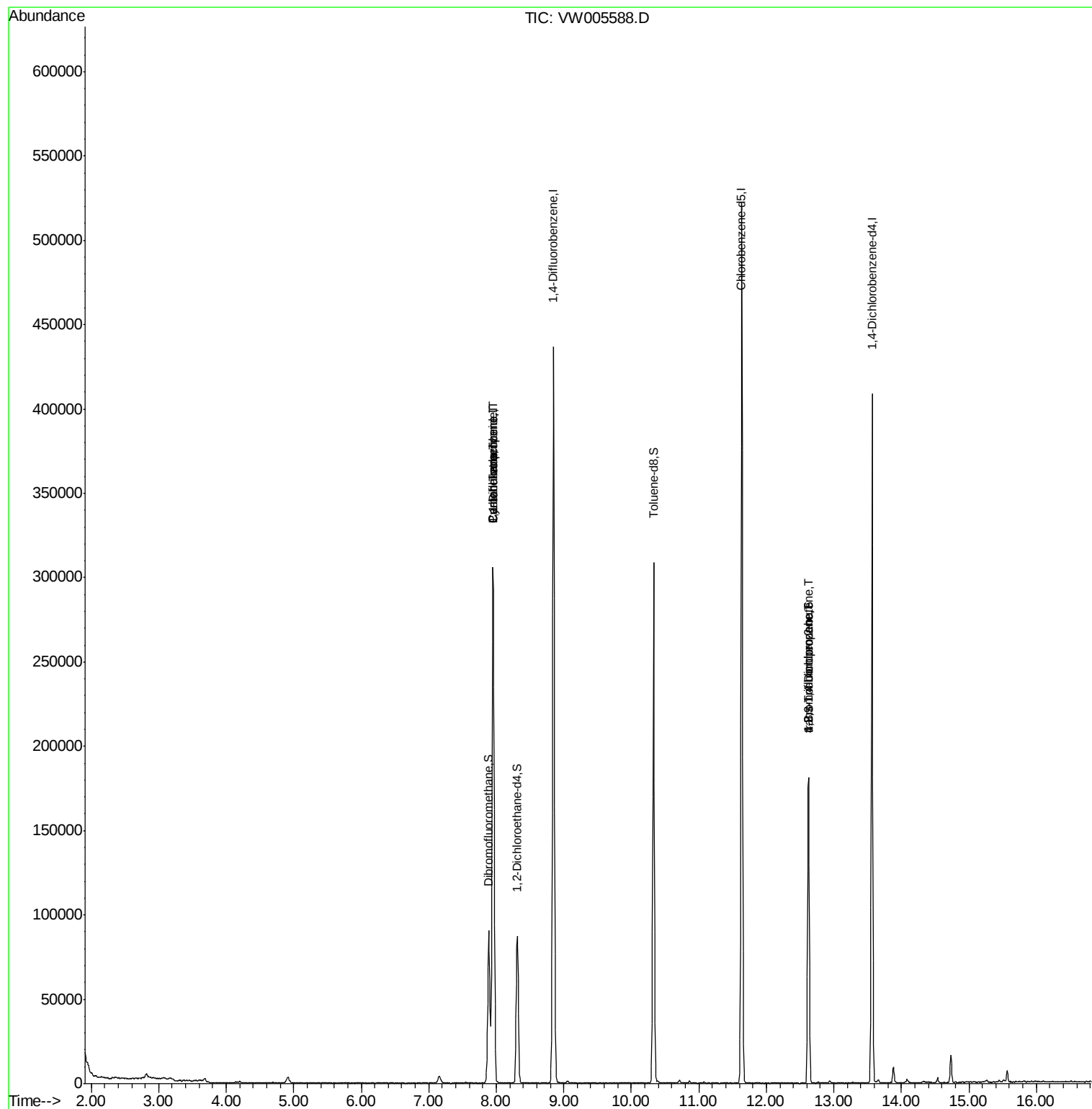
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	67	Below Cal	#	72
13) Acrolein	3.90	56	21	Below Cal	#	13
16) Acetone	4.15	43	1289	Below Cal	#	84
20) Methylene Chloride	4.90	84	2690	Below Cal	#	80
31) Cyclohexane	7.95	56	5297	1.299	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	17079	4.774	ug/l #	50
38) Carbon Tetrachloride	7.95	117	22684	5.917	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	30288	34.572	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	30288	77.867	ug/l #	7

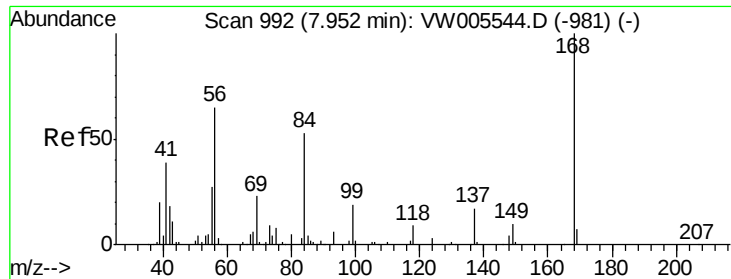
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005588.D

Acq: 24 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

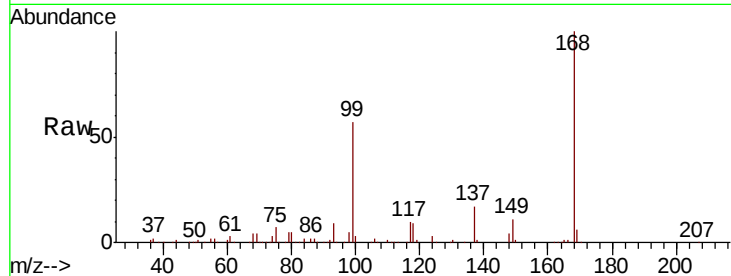
JC-02-092118-B

Tot Ion:168 Resp: 223215

Ion Ratio Lower Upper

168 100

99 56.9 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

120000

100000

80000

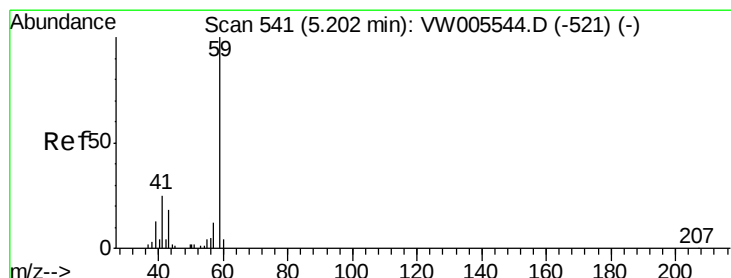
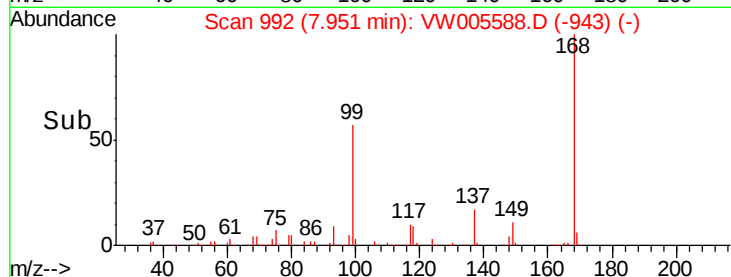
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 541

Delta R.T. -0.00 min

Lab File: VW005588.D

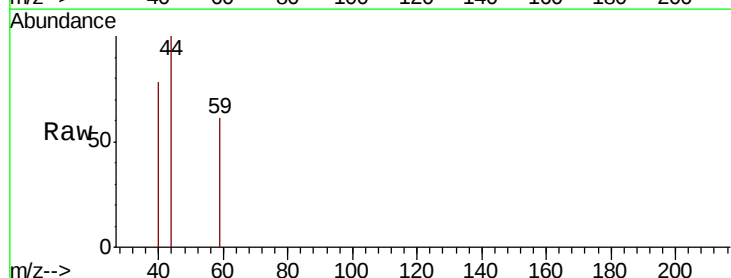
Acq: 24 Sep 2018 16:39

Tgt Ion: 59 Resp: 67

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

5.20

100

80

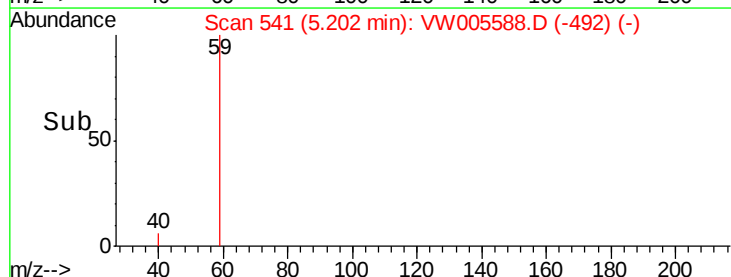
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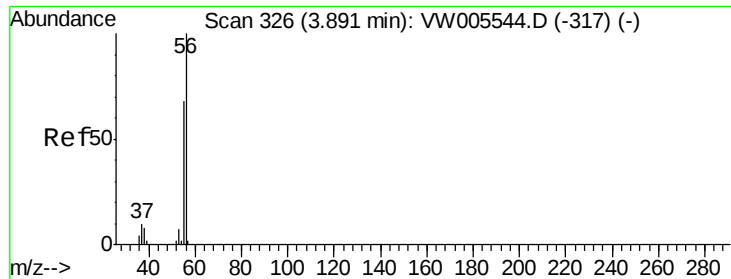
40

20

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005588.D

Acq: 24 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

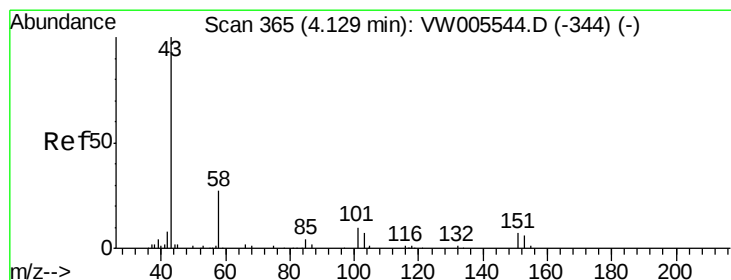
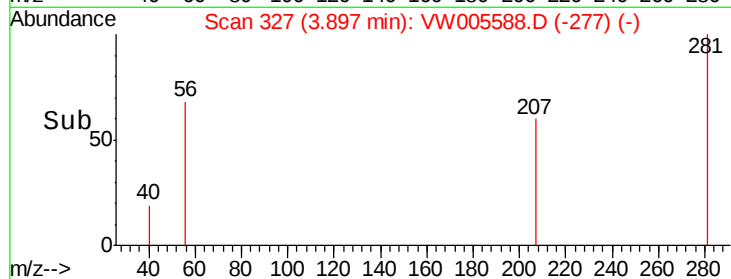
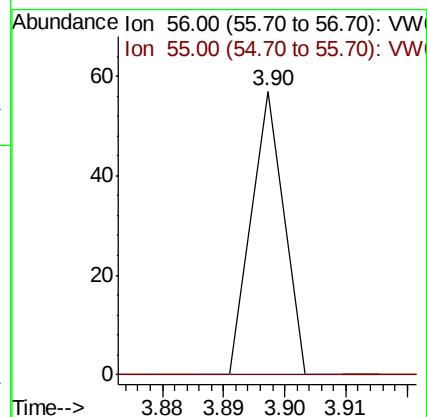
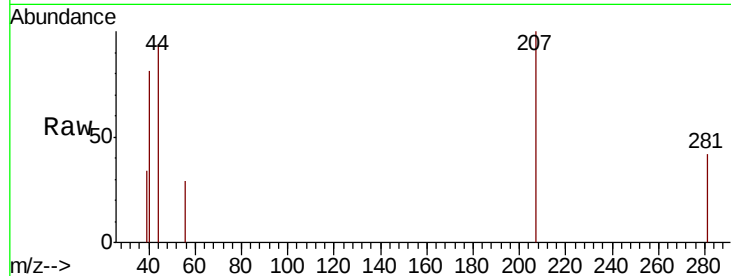
JC-02-092118-B

Tot Ion: 56 Resp: 21

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.8#



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW005588.D

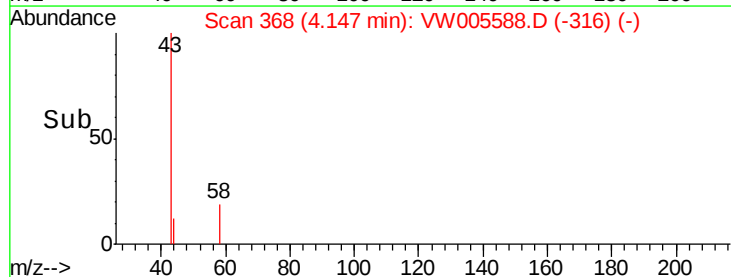
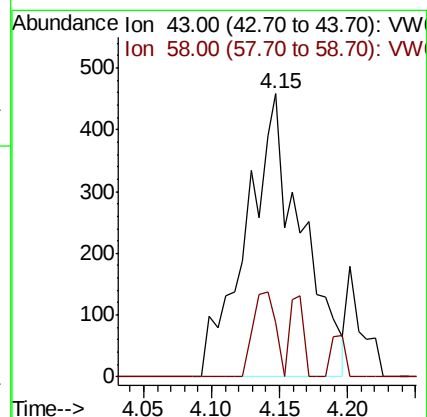
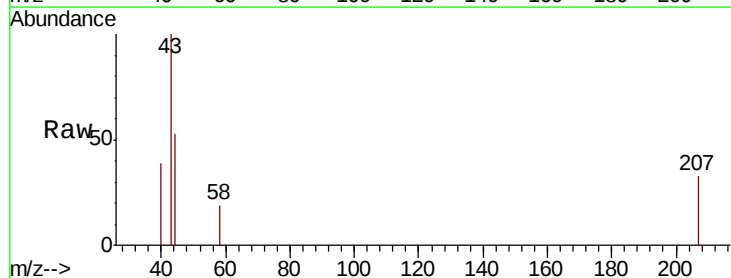
Acq: 24 Sep 2018 16:39

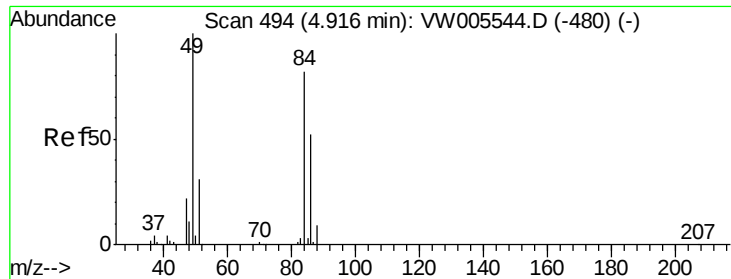
Tgt Ion: 43 Resp: 1289

Ion Ratio Lower Upper

43 100

58 19.2 21.8 32.8#

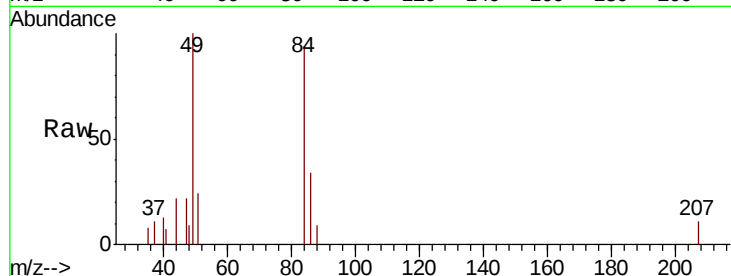




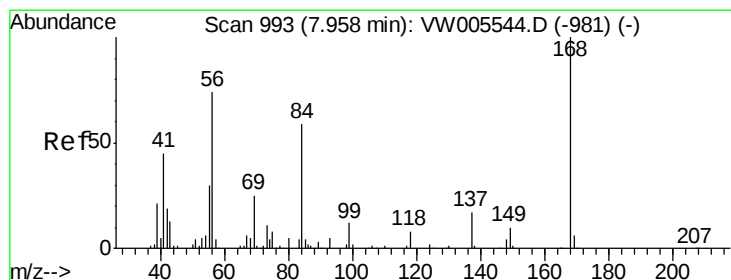
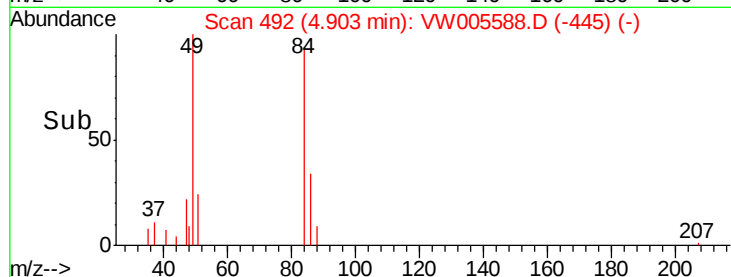
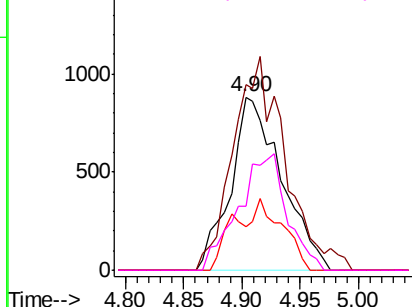
#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW005588.D
Acq: 24 Sep 2018 16:39

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

Tot Ion: 84 Resp: 2690
Ion Ratio Lower Upper
84 100
49 106.9 97.0 145.6
51 25.4 30.2 45.2#
86 36.8 50.2 75.4#

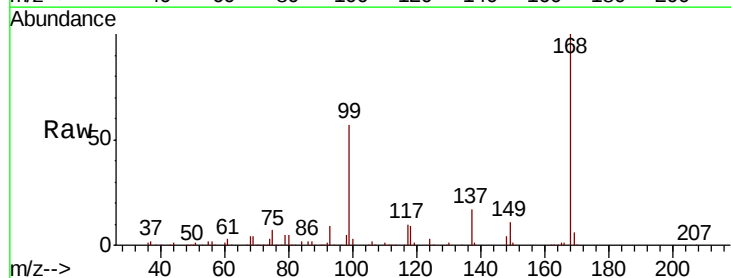


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

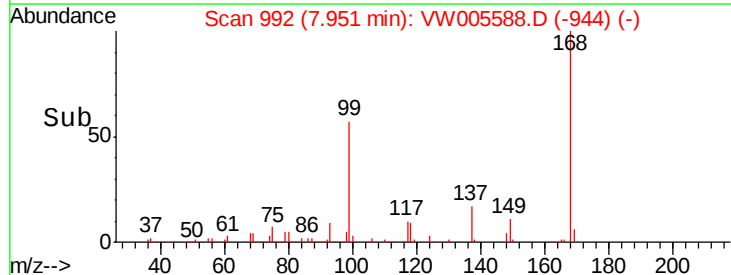
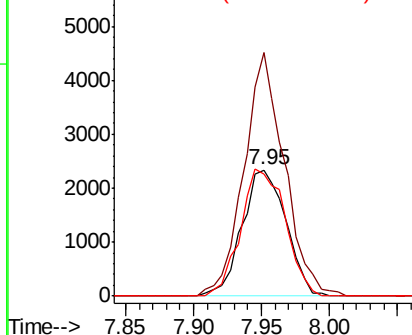


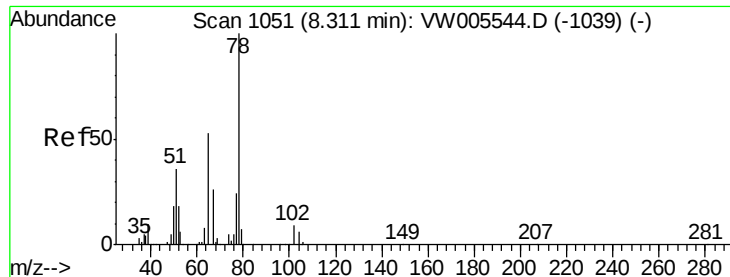
#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005588.D
Acq: 24 Sep 2018 16:39

Tgt Ion: 56 Resp: 5297
Ion Ratio Lower Upper
56 100
69 192.7 27.0 40.4#
84 96.1 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

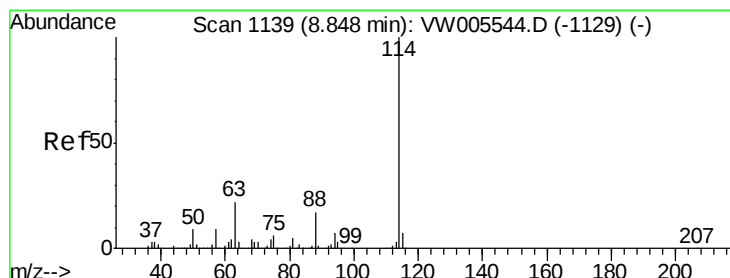
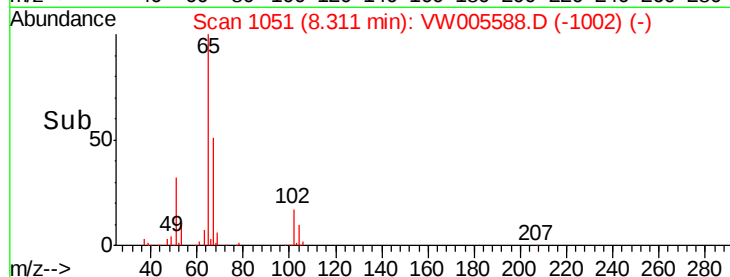
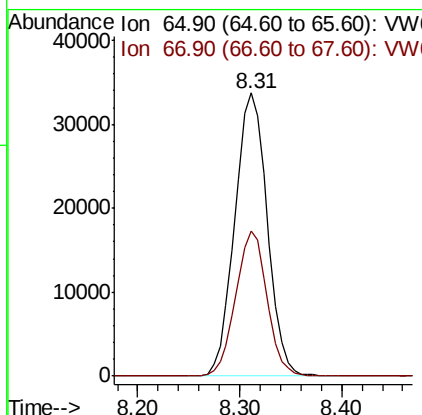
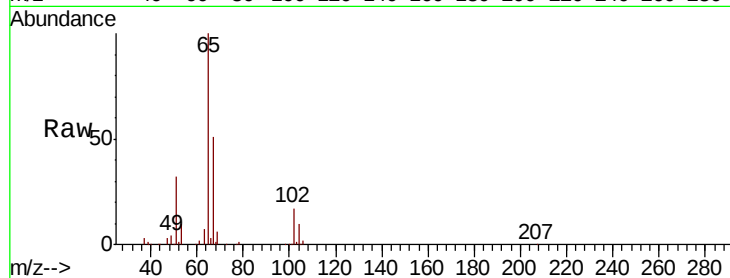




#33
 1,2-Dichloroethane-d4
 Concen: 28.279 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005588.D
 Acq: 24 Sep 2018 16:39

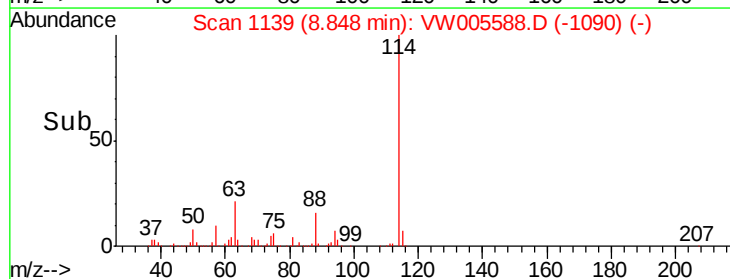
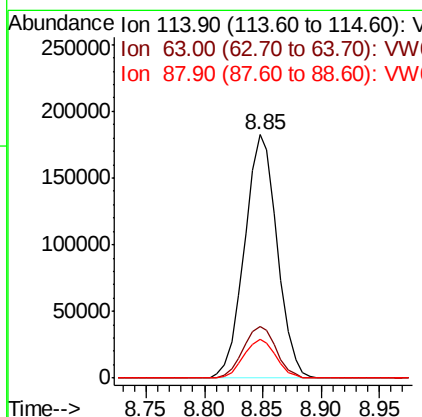
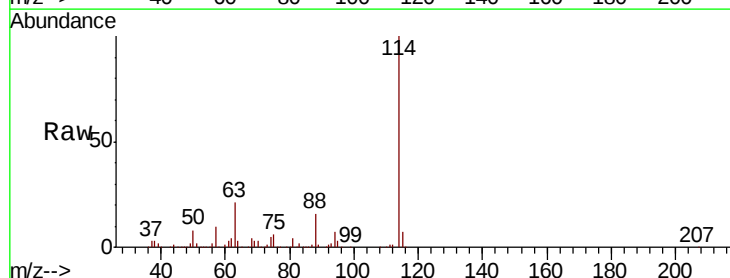
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-B

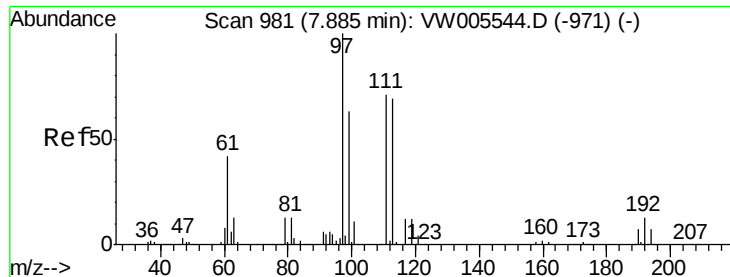
Tot Ion: 65 Resp: 74363
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005588.D
 Acq: 24 Sep 2018 16:39

Tgt Ion: 114 Resp: 355408
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.0
 88 15.7 0.0 33.0

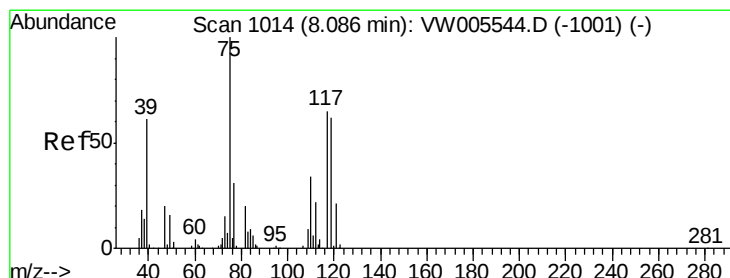
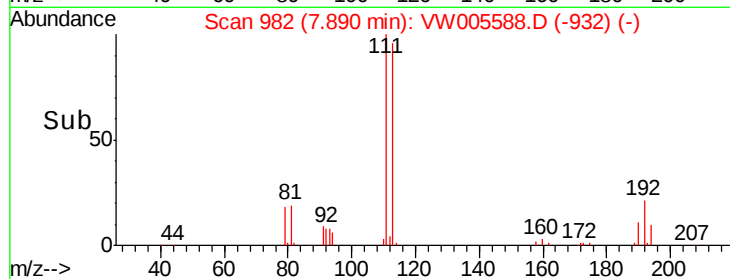
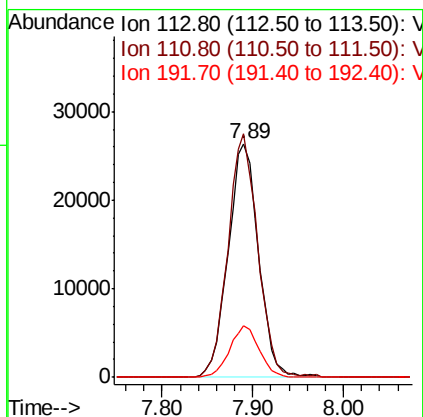
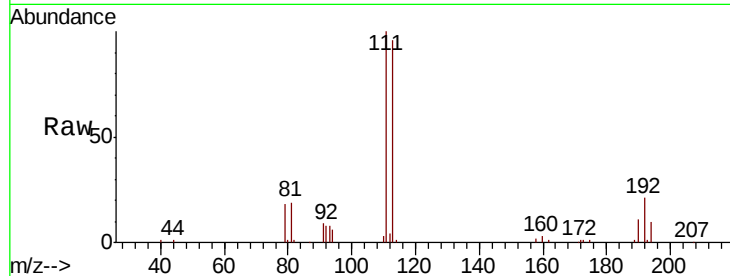




#35
 Dibromofluoromethane
 Concen: 27.654 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005588.D
 Acq: 24 Sep 2018 16:39

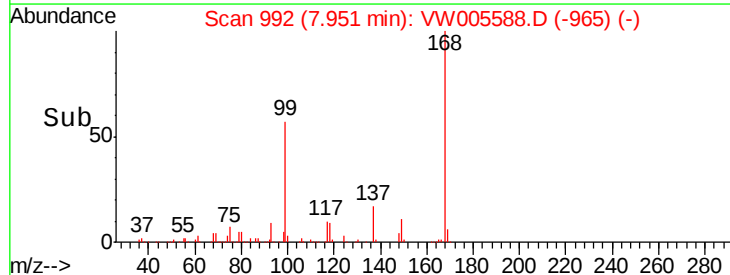
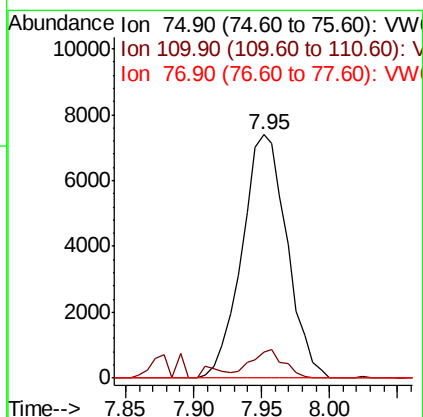
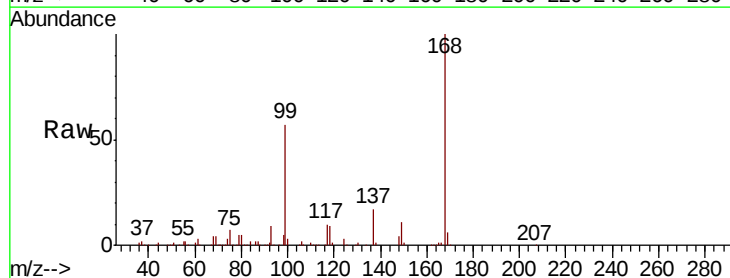
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-B

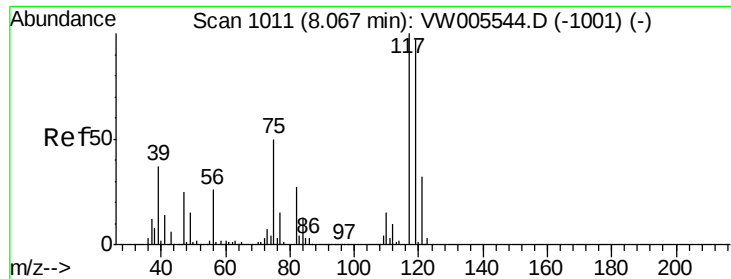
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	21.3	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.774 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005588.D
 Acq: 24 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.0	50.9#
77	0.0	24.8	37.2#

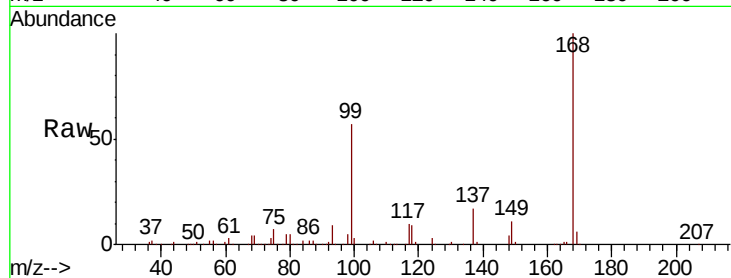




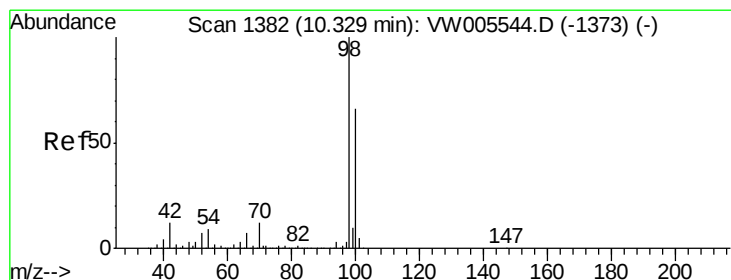
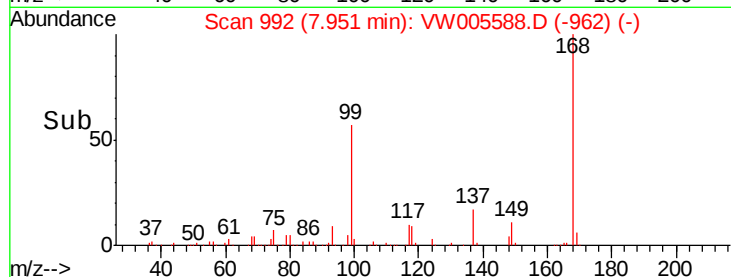
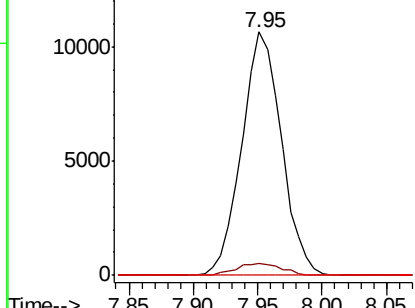
#38
Carbon Tetrachloride
Concen: 5.917 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005588.D
Acq: 24 Sep 2018 16:39

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

Tot Ion:117 Resp: 22684
Ion Ratio Lower Upper
117 100
119 4.9 77.6 116.4#
121 0.0 25.7 38.5#

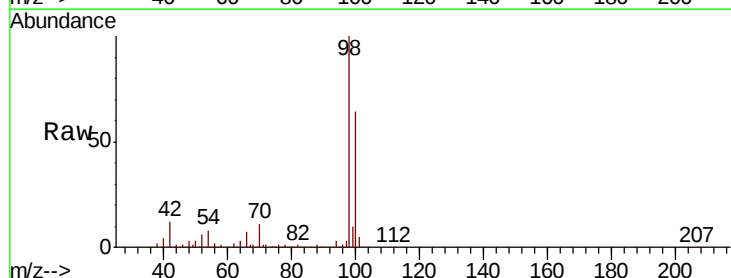


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

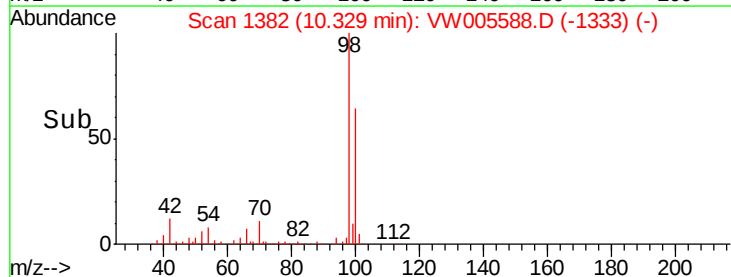
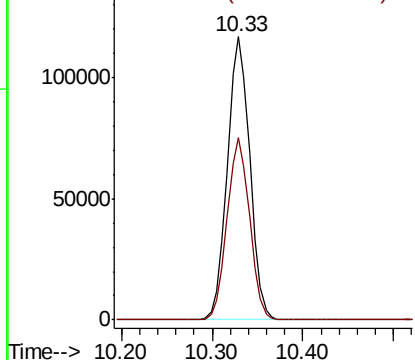


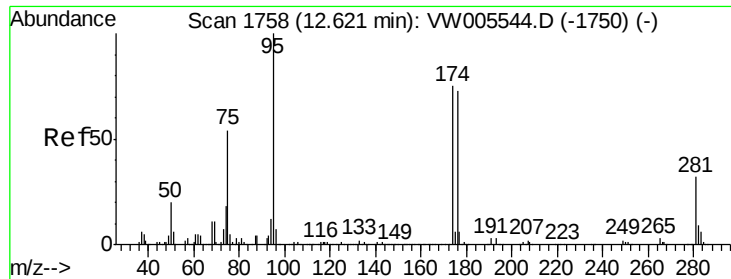
#50
Toluene-d8
Concen: 22.071 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005588.D
Acq: 24 Sep 2018 16:39

Tgt Ion: 98 Resp: 200855
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



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

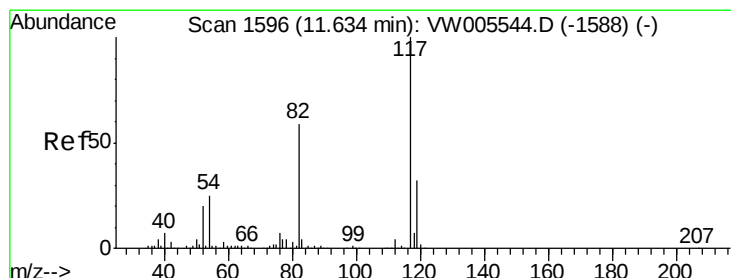
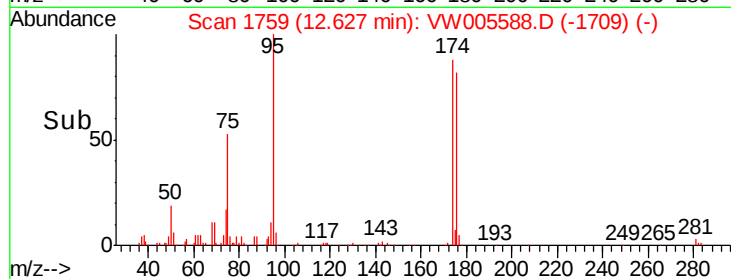
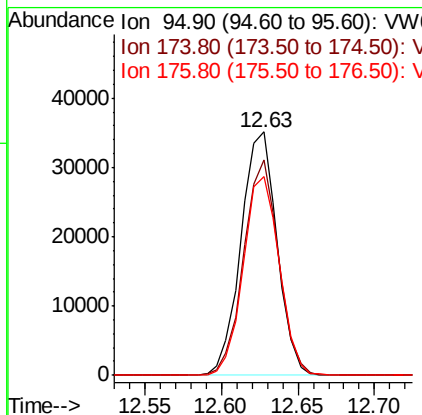
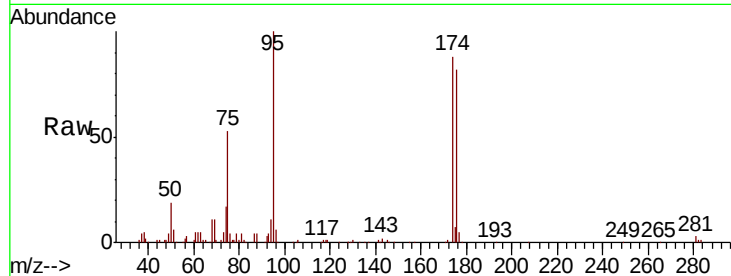




#62
4-Bromofluorobenzene
Concen: 17.070 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005588.D
Acq: 24 Sep 2018 16:39

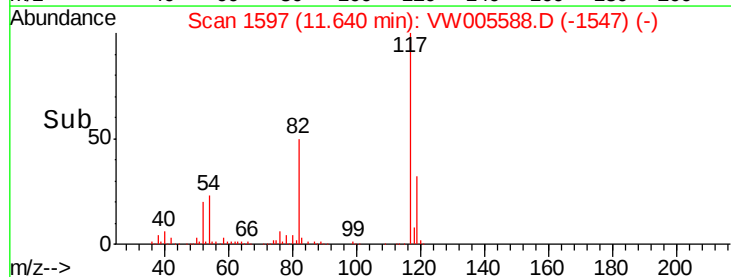
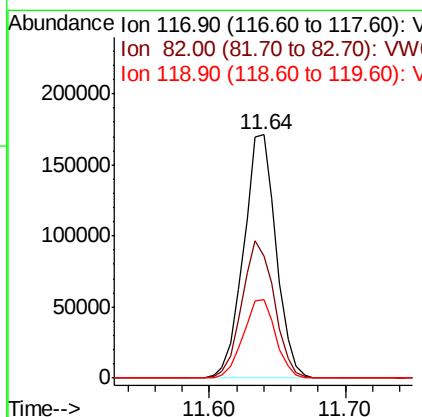
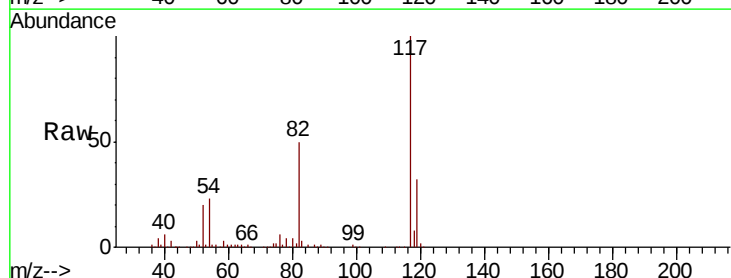
Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-B

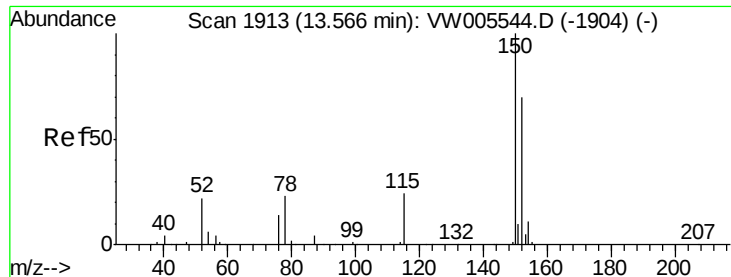
Tot Ion: 95 Resp: 57482
Ion Ratio Lower Upper
95 100
174 85.7 0.0 163.8
176 81.8 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005588.D
Acq: 24 Sep 2018 16:39

Tgt Ion: 117 Resp: 285484
Ion Ratio Lower Upper
117 100
82 50.0 46.9 70.3
119 32.2 25.7 38.5



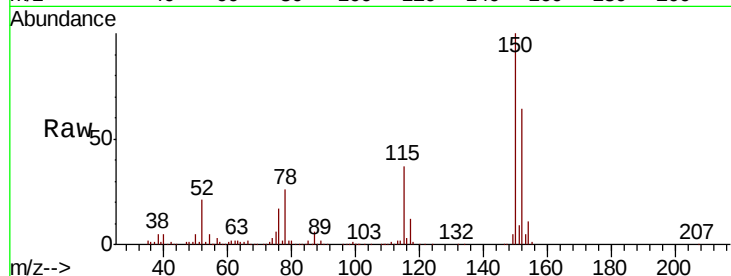


#72

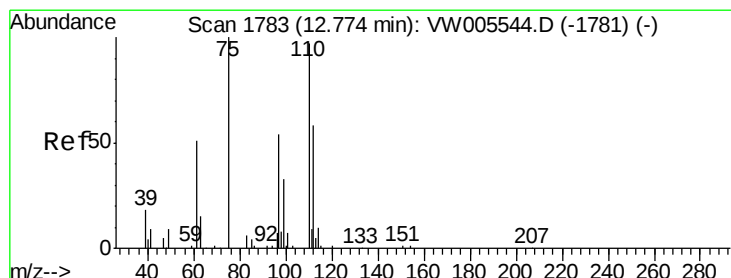
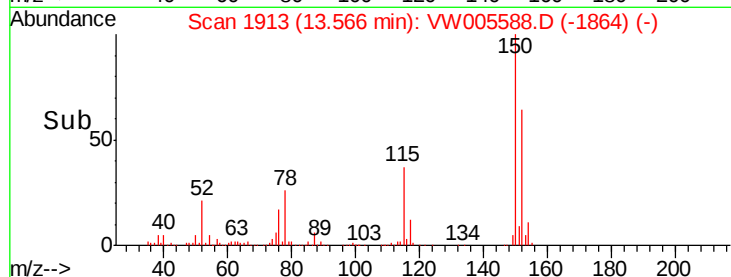
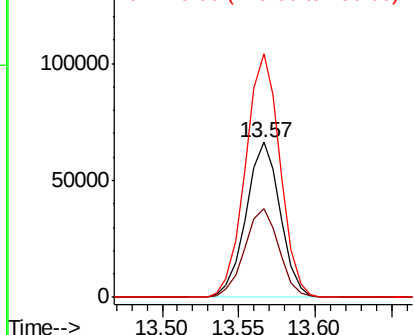
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005588.D
Acq: 24 Sep 2018 16:39

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

Tot Ion:152 Resp: 102774
Ion Ratio Lower Upper
152 100
115 57.7 30.0 90.0
150 158.7 0.0 348.6



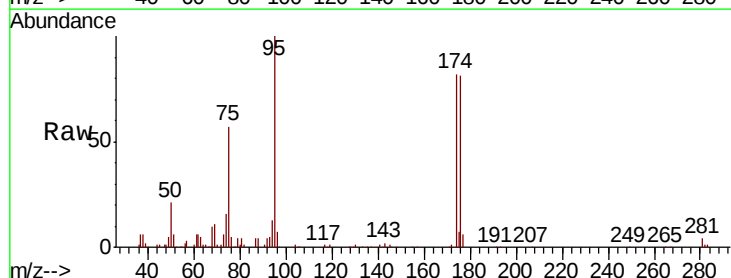
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



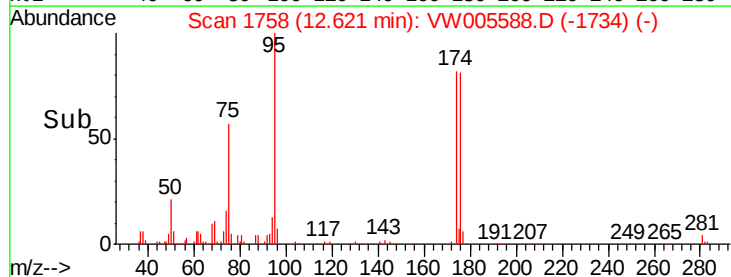
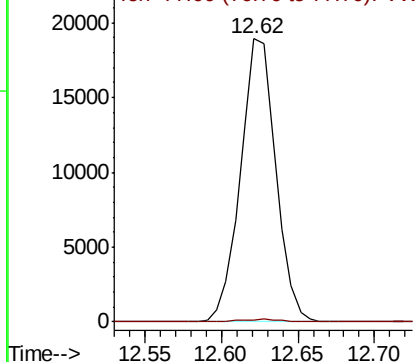
#76

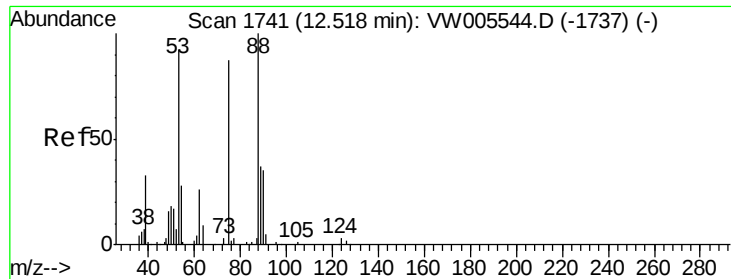
1,2,3-Trichloropropane
Concen: 34.572 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005588.D
Acq: 24 Sep 2018 16:39

Tgt Ion: 75 Resp: 30288
Ion Ratio Lower Upper
75 100
77 1.1 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: 77.867 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005588.D

Acq: 24 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-B

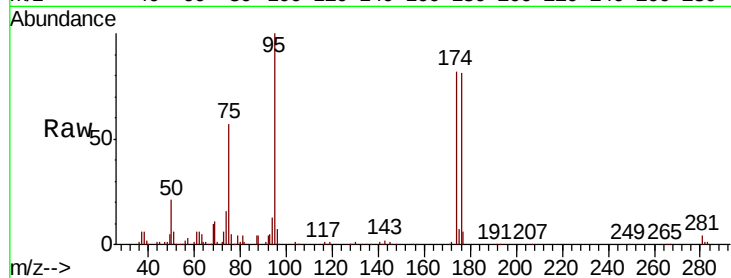
Tot Ion: 75 Resp: 30288

Ion Ratio Lower Upper

75 100

53 0.0 85.8 128.6#

89 0.0 37.3 55.9#



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

