

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005596.D
 Acq On : 24 Sep 2018 20:05
 Operator : VA/AP
 Sample : J4770-19
 Misc : 6.07G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Sep 25 04:59:15 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	224214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	305851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	116197	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	86276	32.66	ug/l	0.00
Spiked Amount			Recovery	=	65.32%	
35) Dibromofluoromethane	7.89	113	71132	30.85	ug/l	0.00
Spiked Amount			Recovery	=	61.70%	
50) Toluene-d8	10.33	98	227055	24.19	ug/l	0.00
Spiked Amount			Recovery	=	48.38%	
62) 4-Bromofluorobenzene	12.62	95	71858	20.69	ug/l	0.00
Spiked Amount			Recovery	=	41.38%	

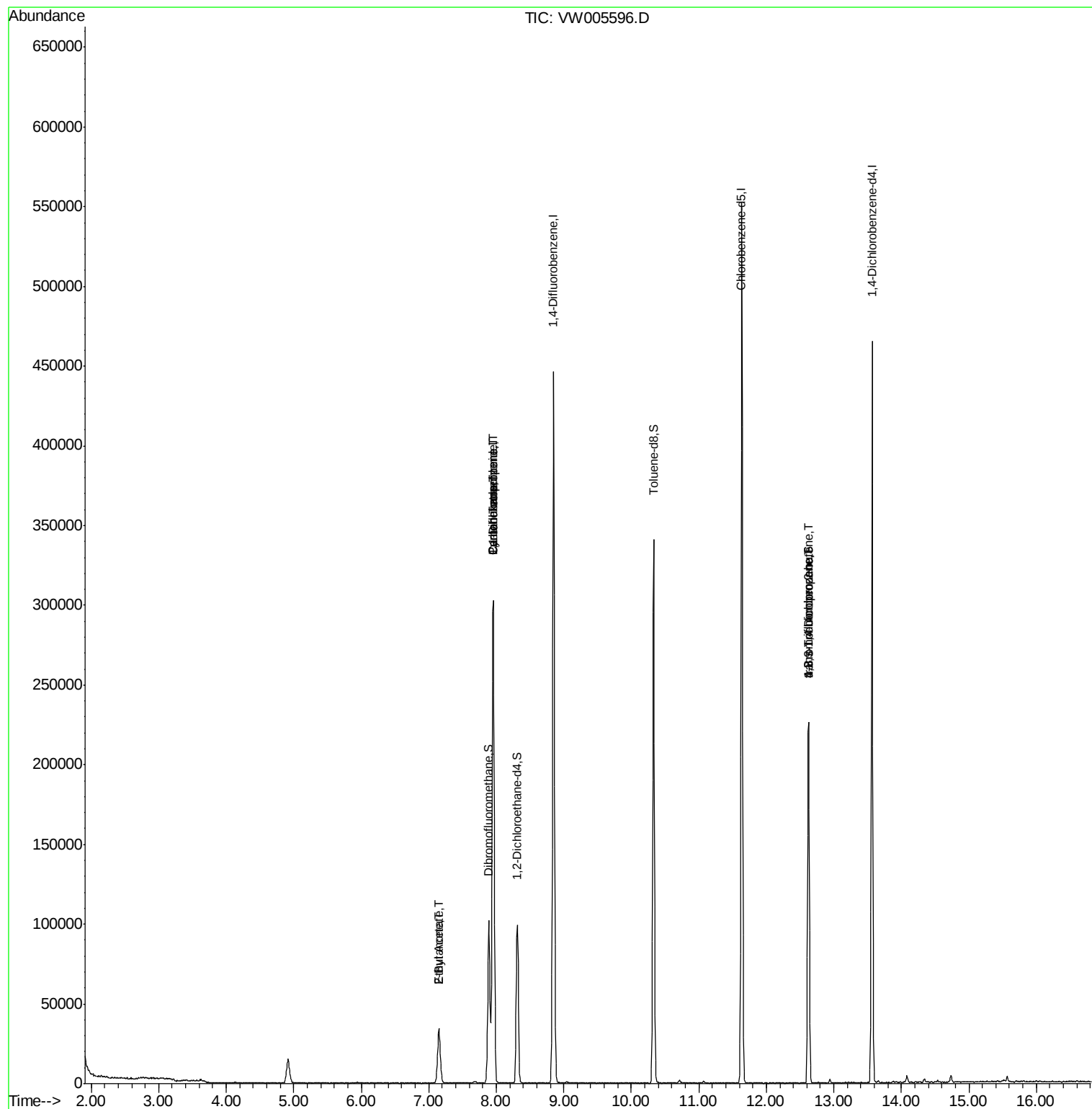
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.04	85	19	Below Cal	#	41
11) Tert butyl alcohol	5.19	59	52	Below Cal	#	72
13) Acrolein	3.61	56	22	Below Cal	#	13
16) Acetone	4.14	43	1048	Below Cal	#	84
25) 2-Butanone	7.16	43	2001	3.119	ug/l #	83
31) Cyclohexane	7.95	56	4765	1.164	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	17178	4.655	ug/l #	50
37) Ethyl Acetate	7.16	43	2001	1.288	ug/l #	1
38) Carbon Tetrachloride	7.96	117	22873	5.784	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	38286	38.653	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	38286	87.059	ug/l #	7

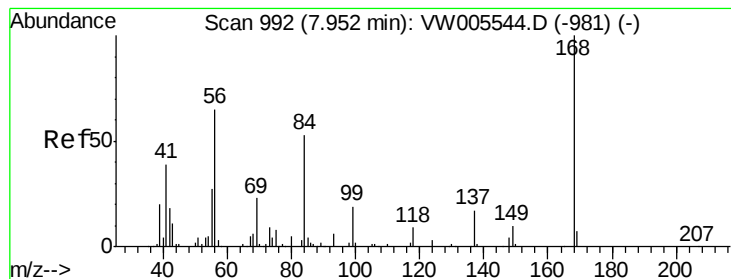
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092418\
Data File : VW005596.D
Acq On : 24 Sep 2018 20:05
Operator : VA/AP
Sample : J4770-19
Misc : 6.07G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Sep 25 04:59:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
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: VW005596.D

Acq: 24 Sep 2018 20:05

Instrument :

MSVOA_W

ClientSampleId :

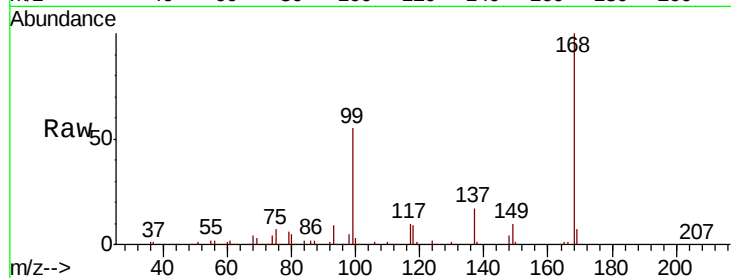
JC-02-092118-J

Tot Ion:168 Resp: 224214

Ion Ratio Lower Upper

168 100

99 54.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

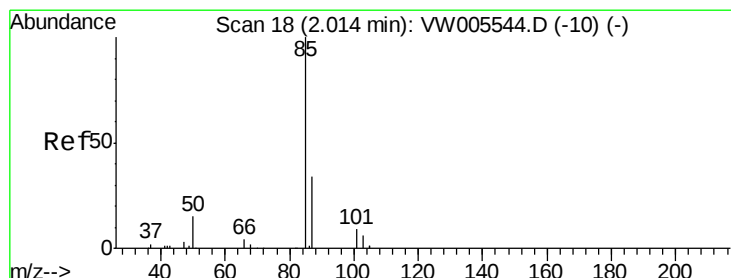
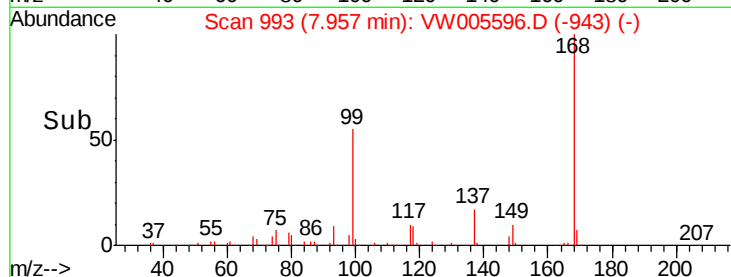
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.04 min Scan# 23

Delta R.T. 0.03 min

Lab File: VW005596.D

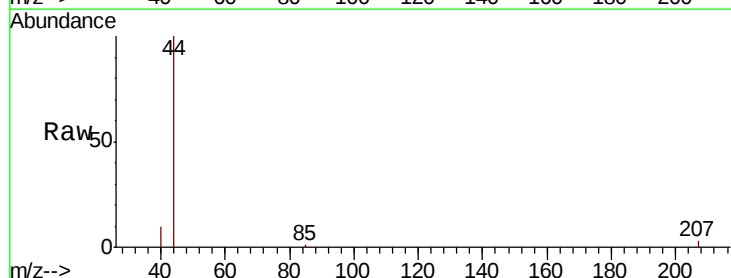
Acq: 24 Sep 2018 20:05

Tgt Ion: 85 Resp: 19

Ion Ratio Lower Upper

85 100

87 0.0 17.0 50.9#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.04

60

50

40

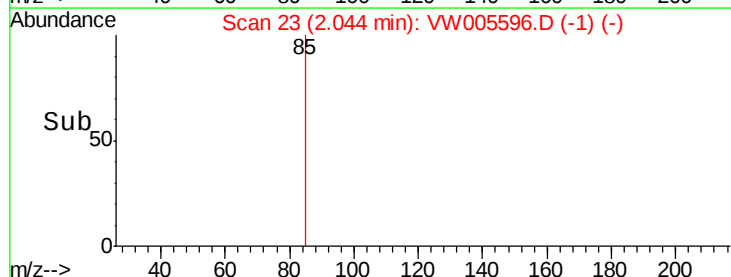
30

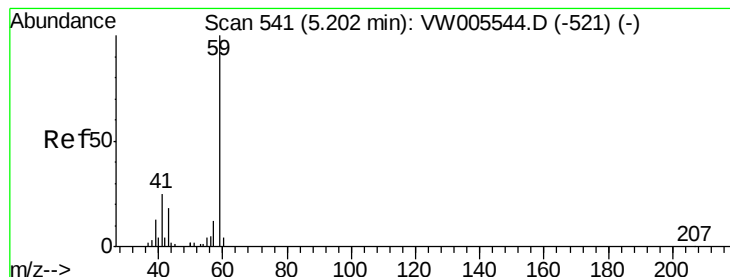
20

10

0

Time-->



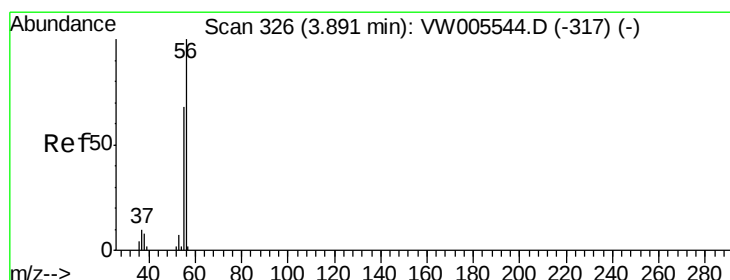
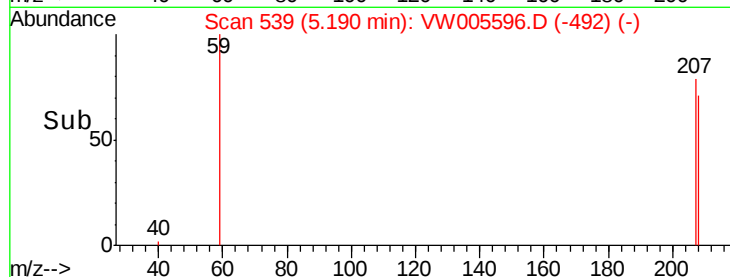
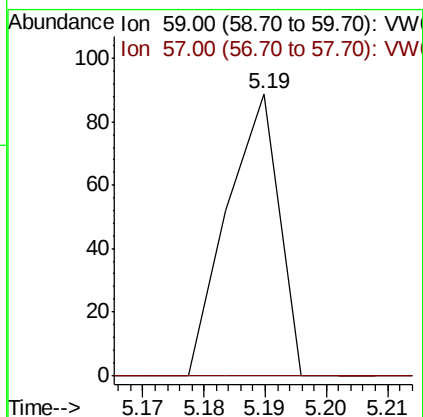
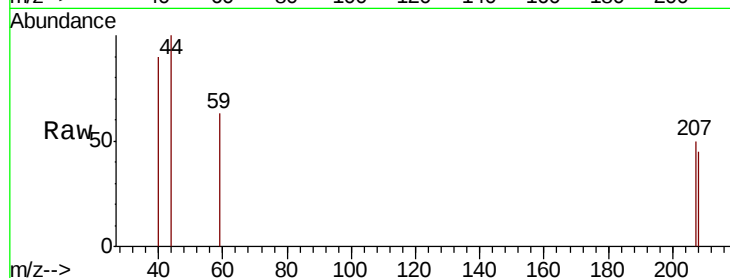


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.19 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: VW005596.D
 Acq: 24 Sep 2018 20:05

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

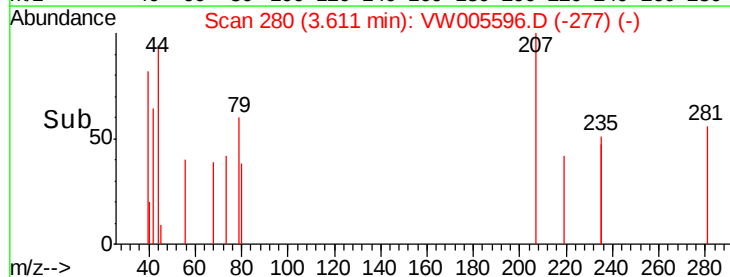
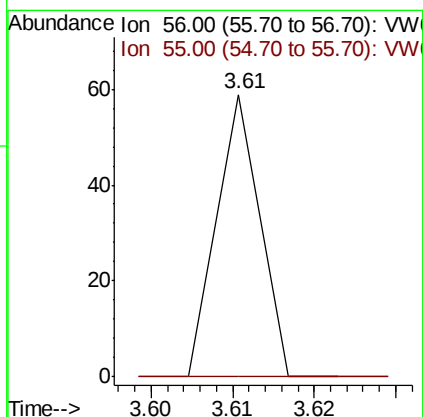
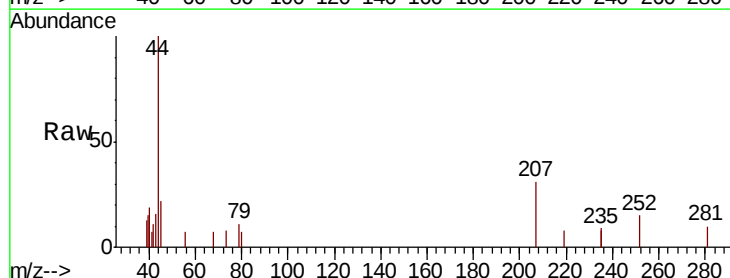
Tot Ion: 59 Resp: 52
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

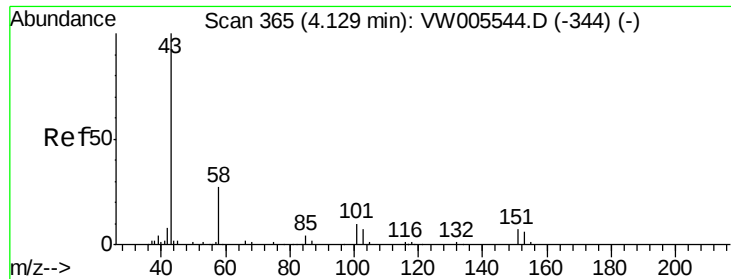


#13

Acrolein
 Concen: Below Cal
 RT: 3.61 min Scan# 280
 Delta R.T. -0.28 min
 Lab File: VW005596.D
 Acq: 24 Sep 2018 20:05

Tgt Ion: 56 Resp: 22
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.8 86.8#

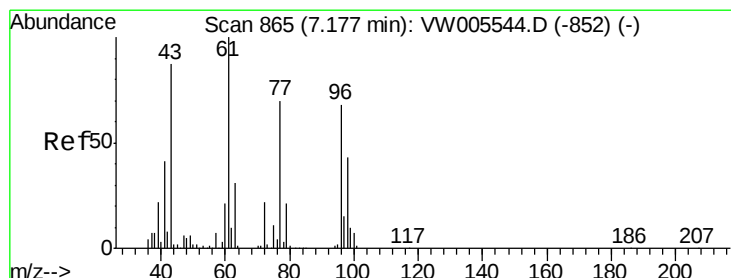
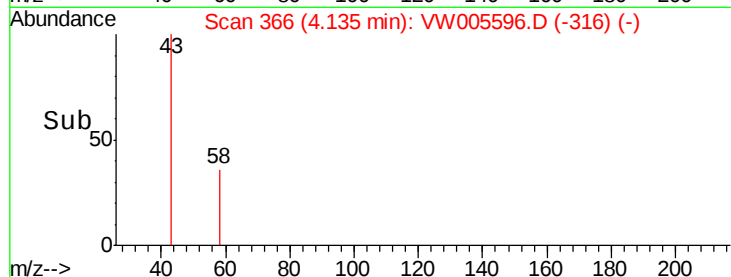
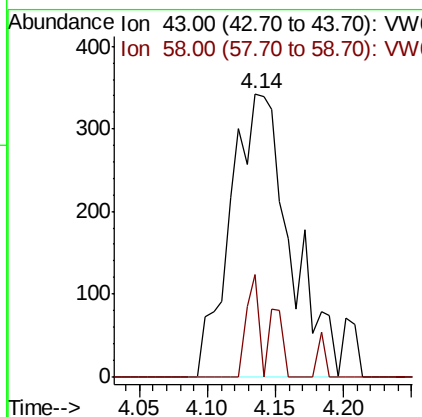
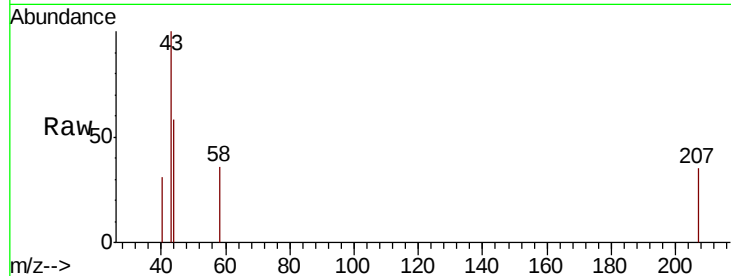




#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW005596.D
Acq: 24 Sep 2018 20:05

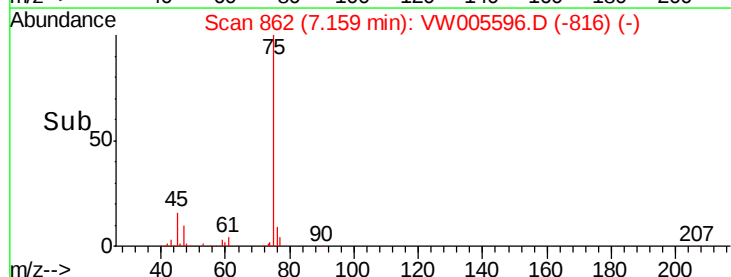
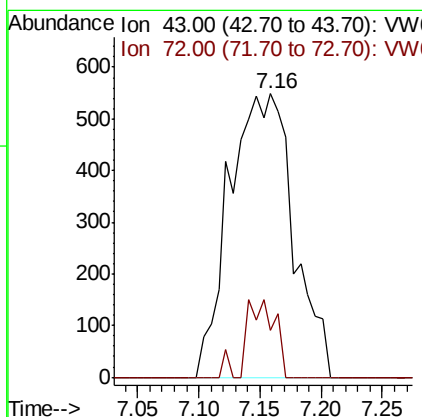
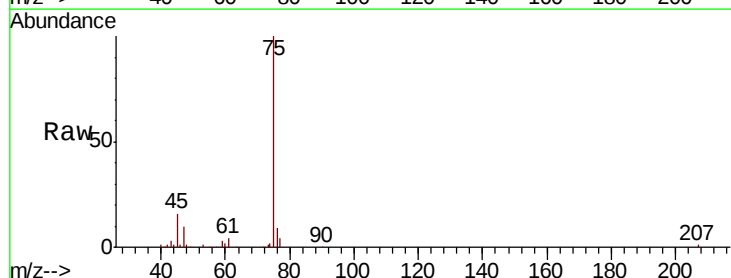
Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-J

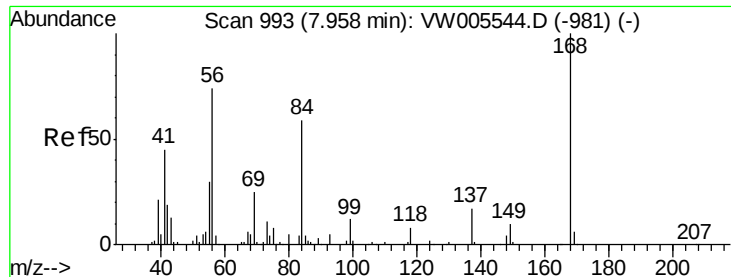
Tot Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
58 35.9 21.8 32.8#



#25
2-Butanone
Concen: 3.119 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW005596.D
Acq: 24 Sep 2018 20:05

Tgt Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
72 16.6 19.9 29.9#

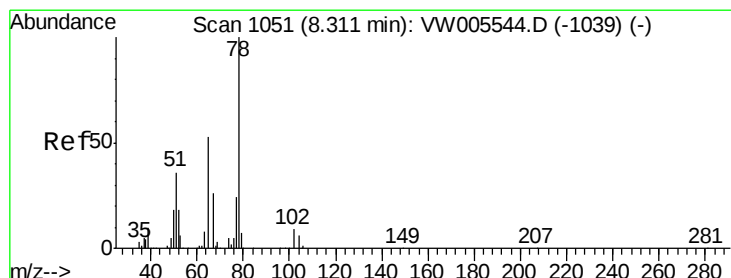
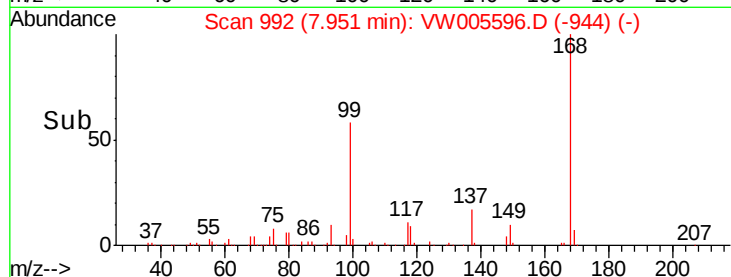
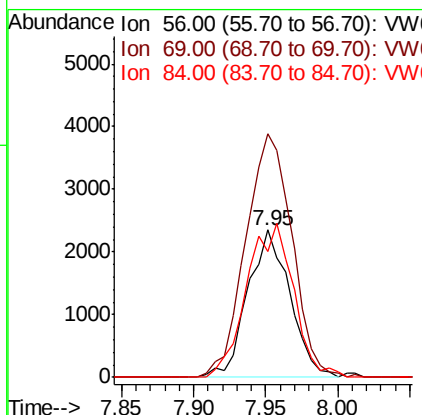
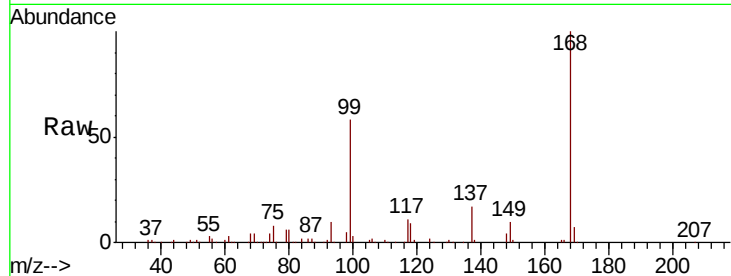




#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005596.D
Acq: 24 Sep 2018 20:05

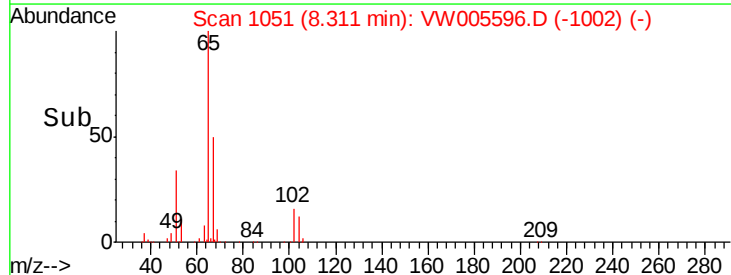
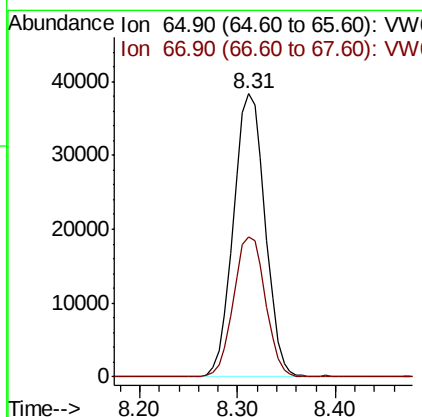
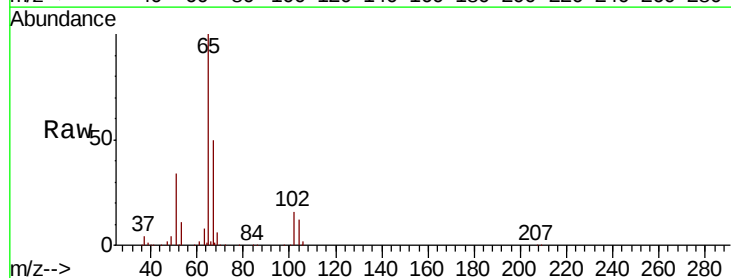
Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-J

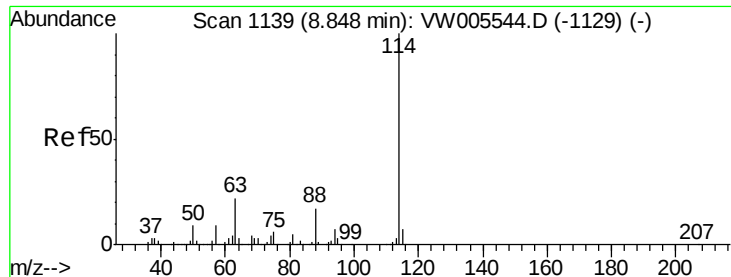
Tot Ion	56	Resp	4765
Ion Ratio	Lower	Upper	
56	100		
69	165.2	27.0	40.4#
84	85.8	64.2	96.4



#33
1,2-Dichloroethane-d4
Concen: 32.663 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005596.D
Acq: 24 Sep 2018 20:05

Tgt Ion	65	Resp	86276
Ion Ratio	Lower	Upper	
65	100		
67	49.8	0.0	100.6

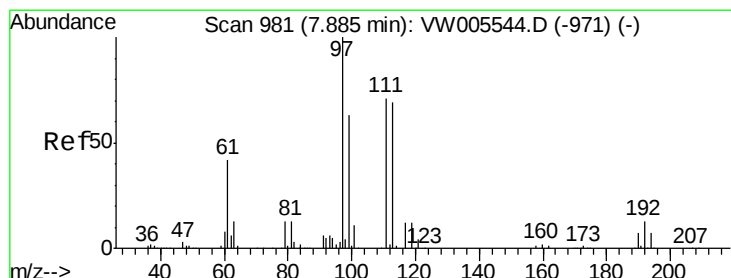
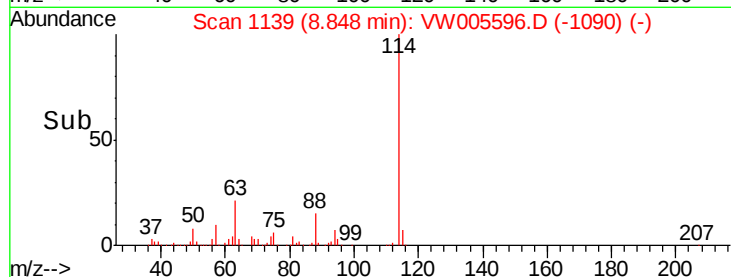
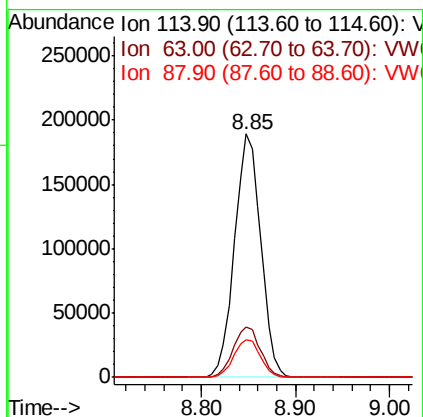
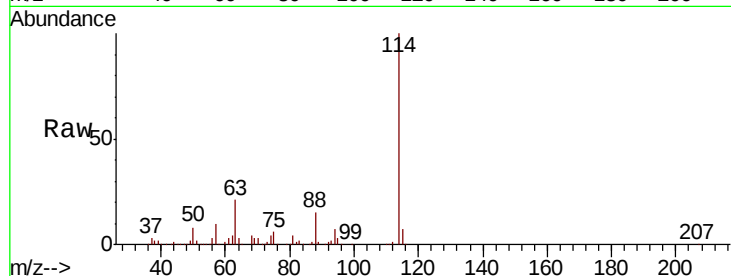




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005596.D
 Acq: 24 Sep 2018 20:05

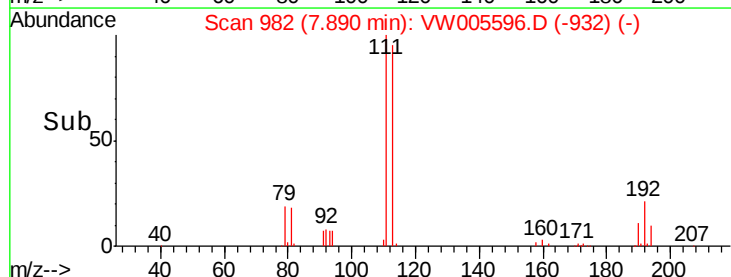
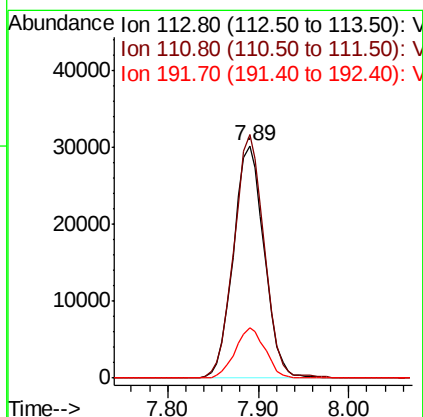
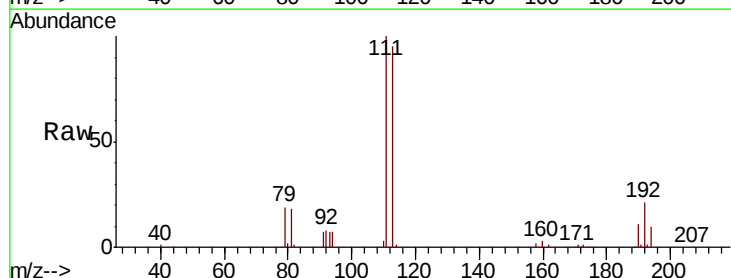
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-J

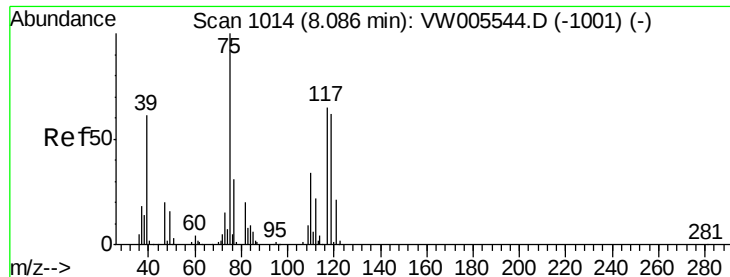
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.0
88	15.5	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 30.854 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005596.D
 Acq: 24 Sep 2018 20:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	21.0	17.0	25.4

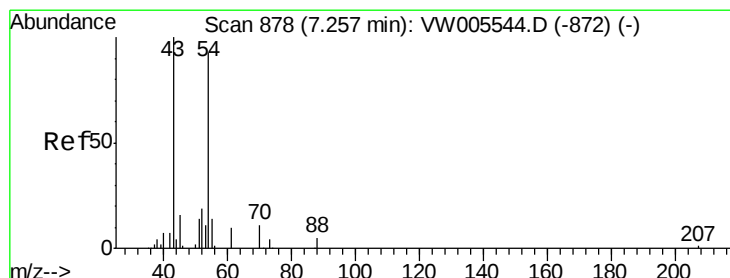
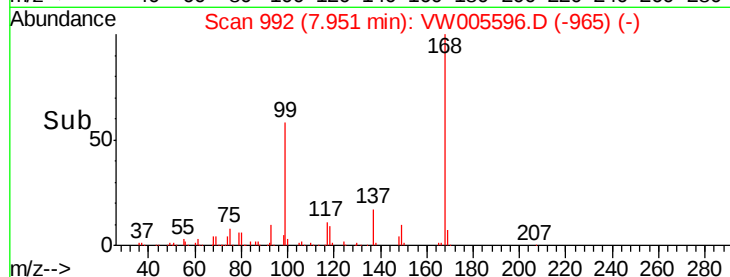
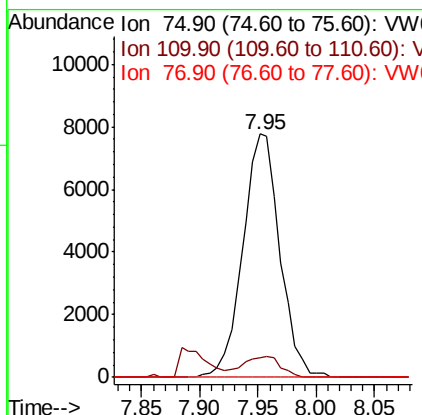
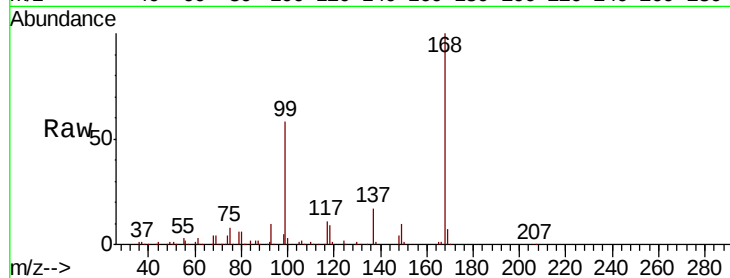




#36
 1,1-Dichloropropene
 Concen: 4.655 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005596.D
 Acq: 24 Sep 2018 20:05

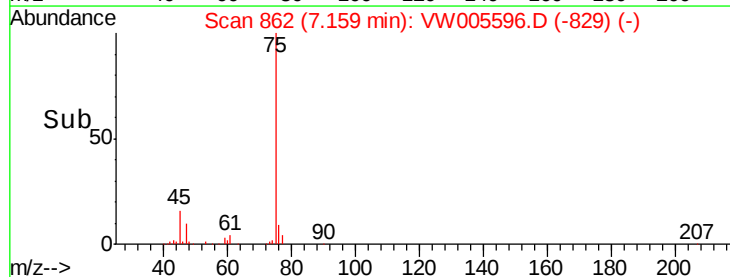
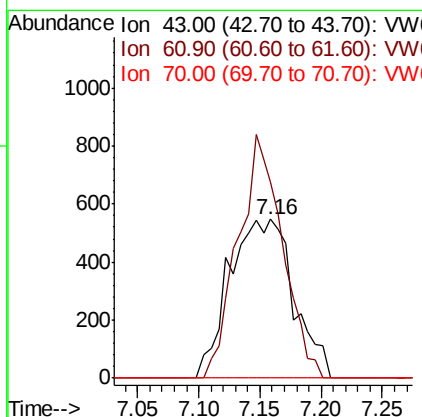
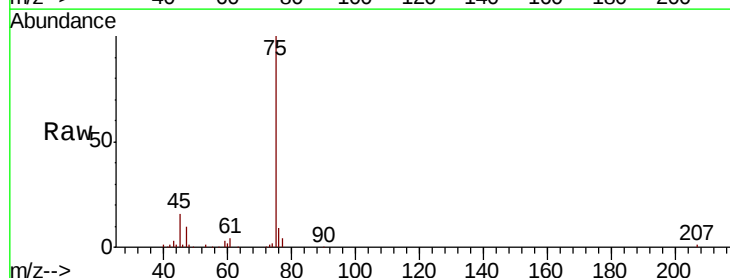
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-J

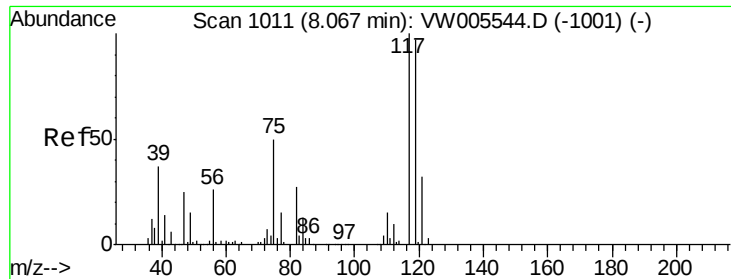
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.0	50.9#
77	0.0	24.8	37.2#



#37
 Ethyl Acetate
 Concen: 1.288 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.10 min
 Lab File: VW005596.D
 Acq: 24 Sep 2018 20:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	105.7	10.4	15.6#
70	0.0	8.2	12.2#

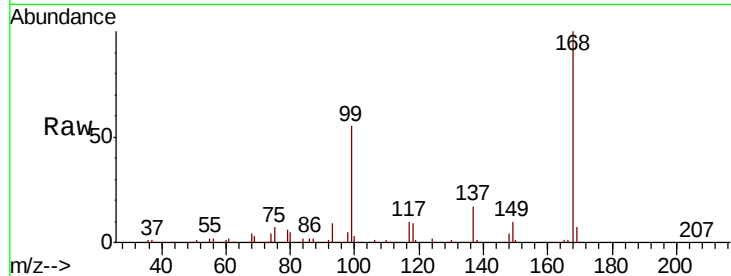




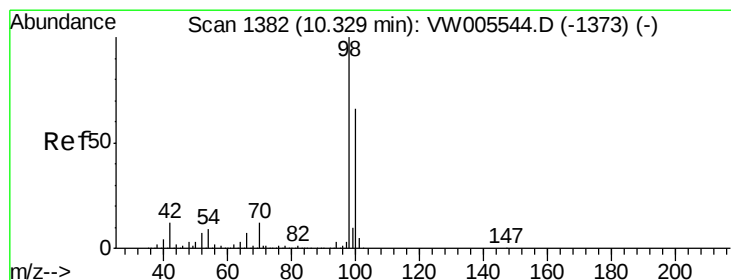
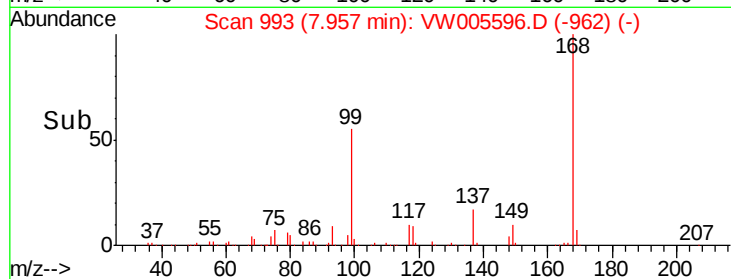
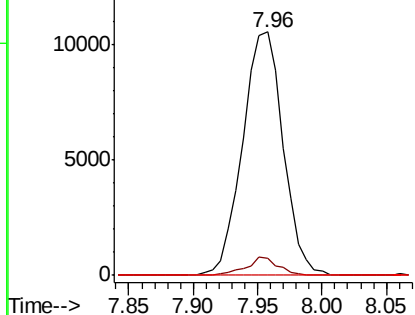
#38
Carbon Tetrachloride
Concen: 5.784 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.11 min
Lab File: VW005596.D
Acq: 24 Sep 2018 20:05

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

Tot Ion:117 Resp: 22873
Ion Ratio Lower Upper
117 100
119 7.2 77.6 116.4#
121 0.0 25.7 38.5#

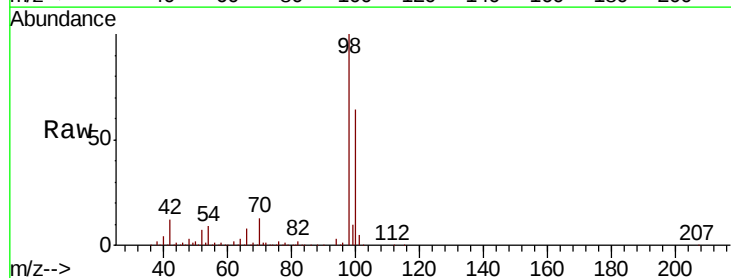


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

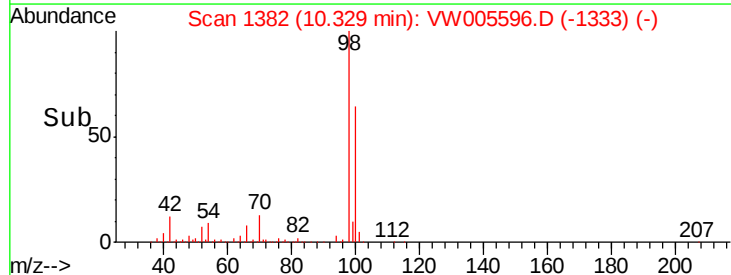
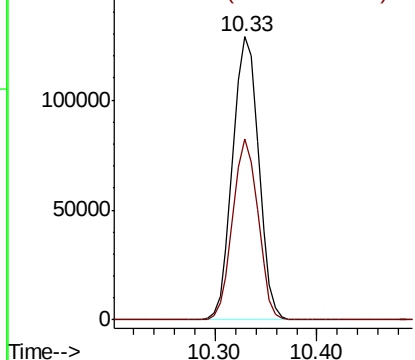


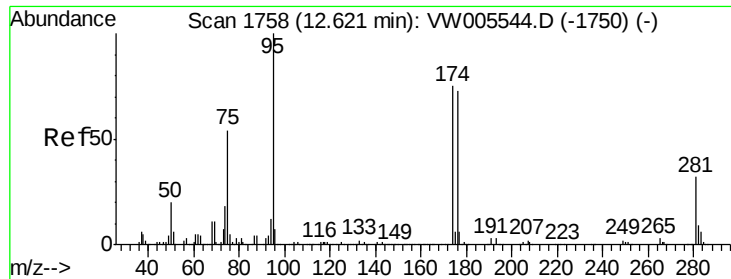
#50
Toluene-d8
Concen: 24.188 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005596.D
Acq: 24 Sep 2018 20:05

Tgt Ion: 98 Resp: 227055
Ion Ratio Lower Upper
98 100
100 62.3 51.6 77.4



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

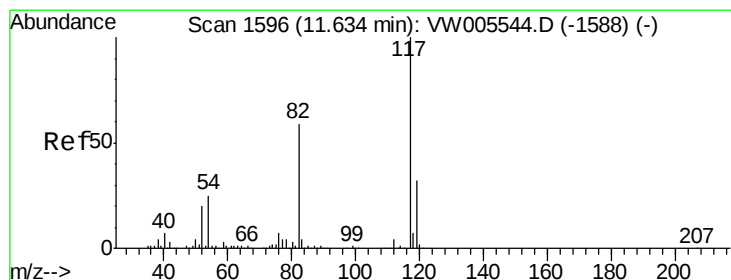
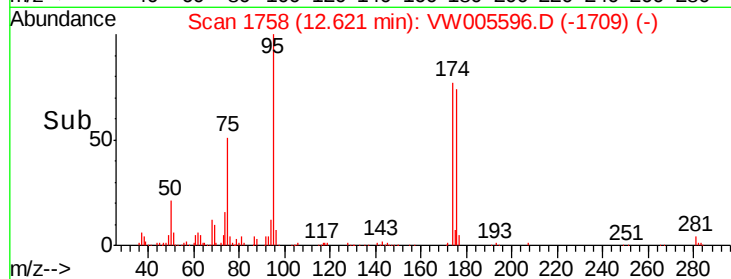
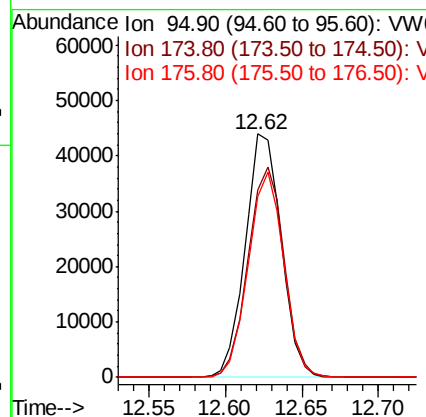
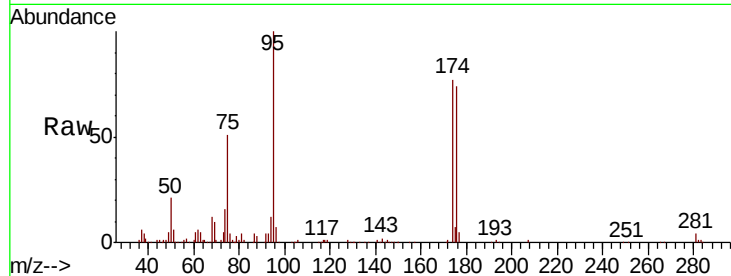




#62
4-Bromofluorobenzene
Concen: 20.688 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005596.D
Acq: 24 Sep 2018 20:05

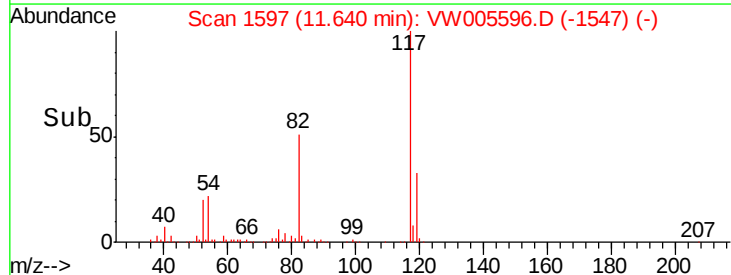
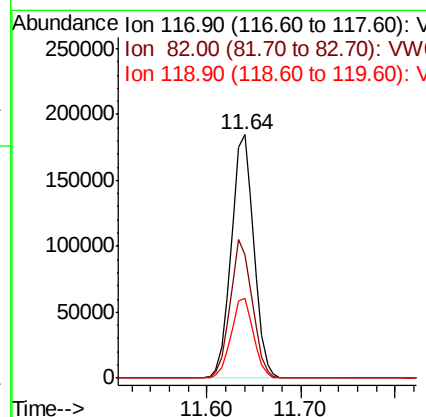
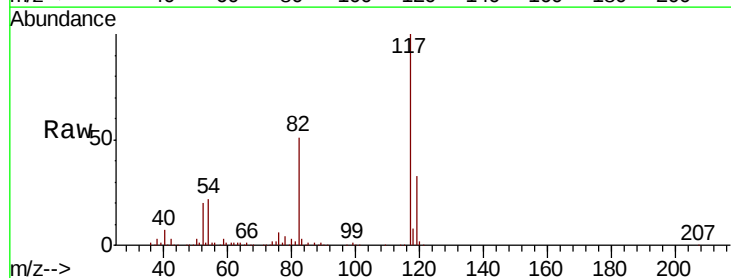
Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-J

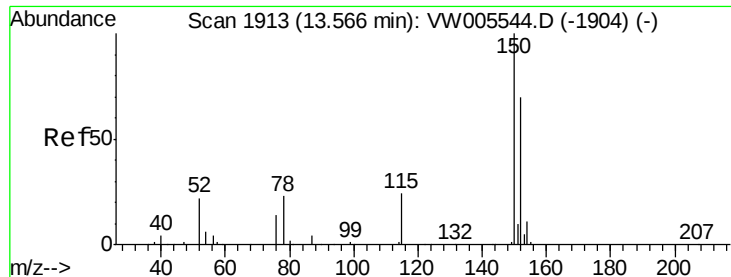
Tot Ion: 95 Resp: 71858
Ion Ratio Lower Upper
95 100
174 86.8 0.0 163.8
176 82.7 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005596.D
Acq: 24 Sep 2018 20:05

Tgt Ion: 117 Resp: 305851
Ion Ratio Lower Upper
117 100
82 50.6 46.9 70.3
119 32.6 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: VW005596.D

Acq: 24 Sep 2018 20:05

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-J

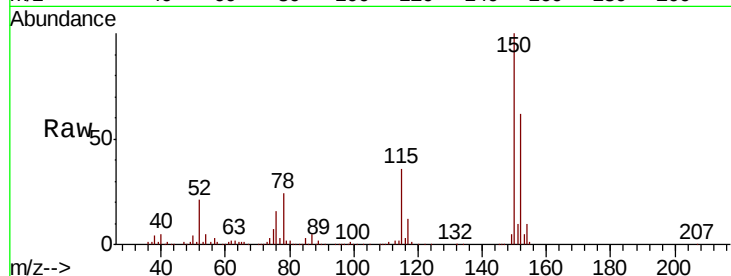
Tot Ion:152 Resp: 116197

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

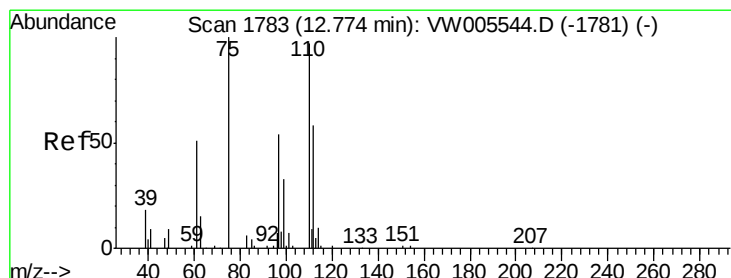
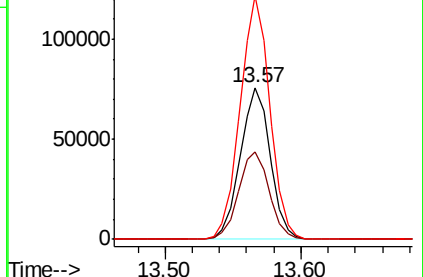
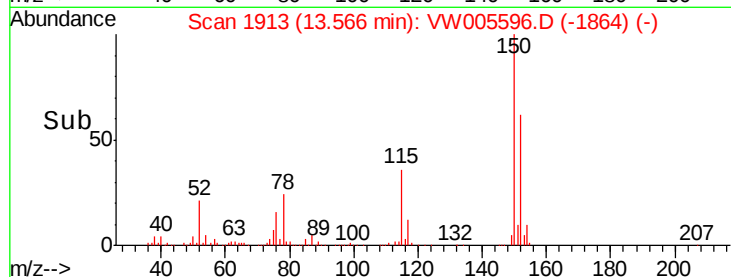
150 158.8 0.0 348.6



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: 38.653 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW005596.D

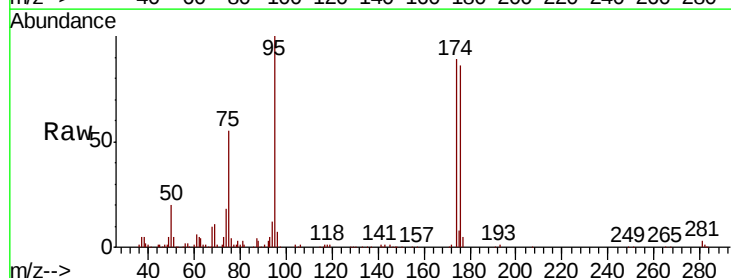
Acq: 24 Sep 2018 20:05

Tgt Ion: 75 Resp: 38286

Ion Ratio Lower Upper

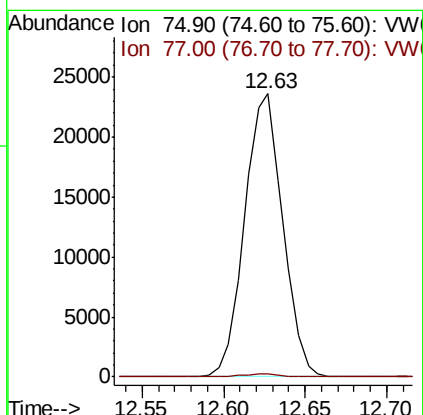
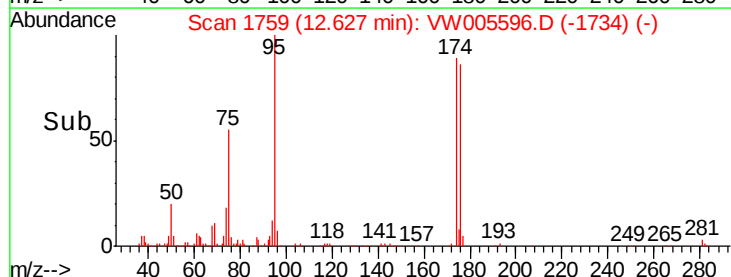
75 100

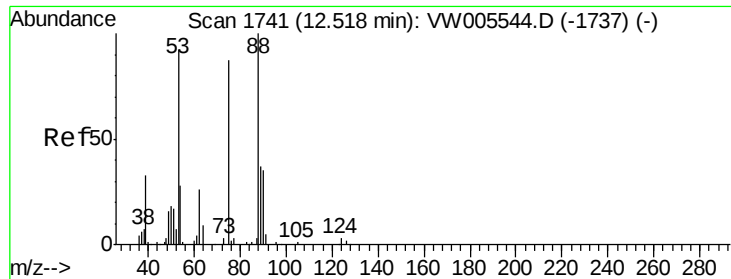
77 1.2 0.0 0.0#



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: 87.059 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005596.D

Acq: 24 Sep 2018 20:05

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-J

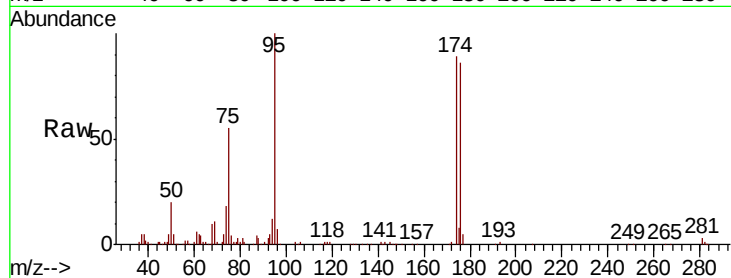
Tot Ion: 75 Resp: 38286

Ion Ratio Lower Upper

75 100

53 0.3 85.8 128.6#

89 0.1 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

