

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006715.D
 Acq On : 07 Nov 2018 05:29
 Operator : SY/AP
 Sample : J5764-17RE
 Misc : 6.36G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-IRE

Quant Time: Nov 07 11:33:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	118679	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	107568	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
35) Dibromofluoromethane	7.88	113	111845	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
50) Toluene-d8	10.33	98	278412	32.31	ug/l	0.00
Spiked Amount			Recovery	=	64.62%	
62) 4-Bromofluorobenzene	12.62	95	105341	33.72	ug/l	0.00
Spiked Amount			Recovery	=	67.44%	

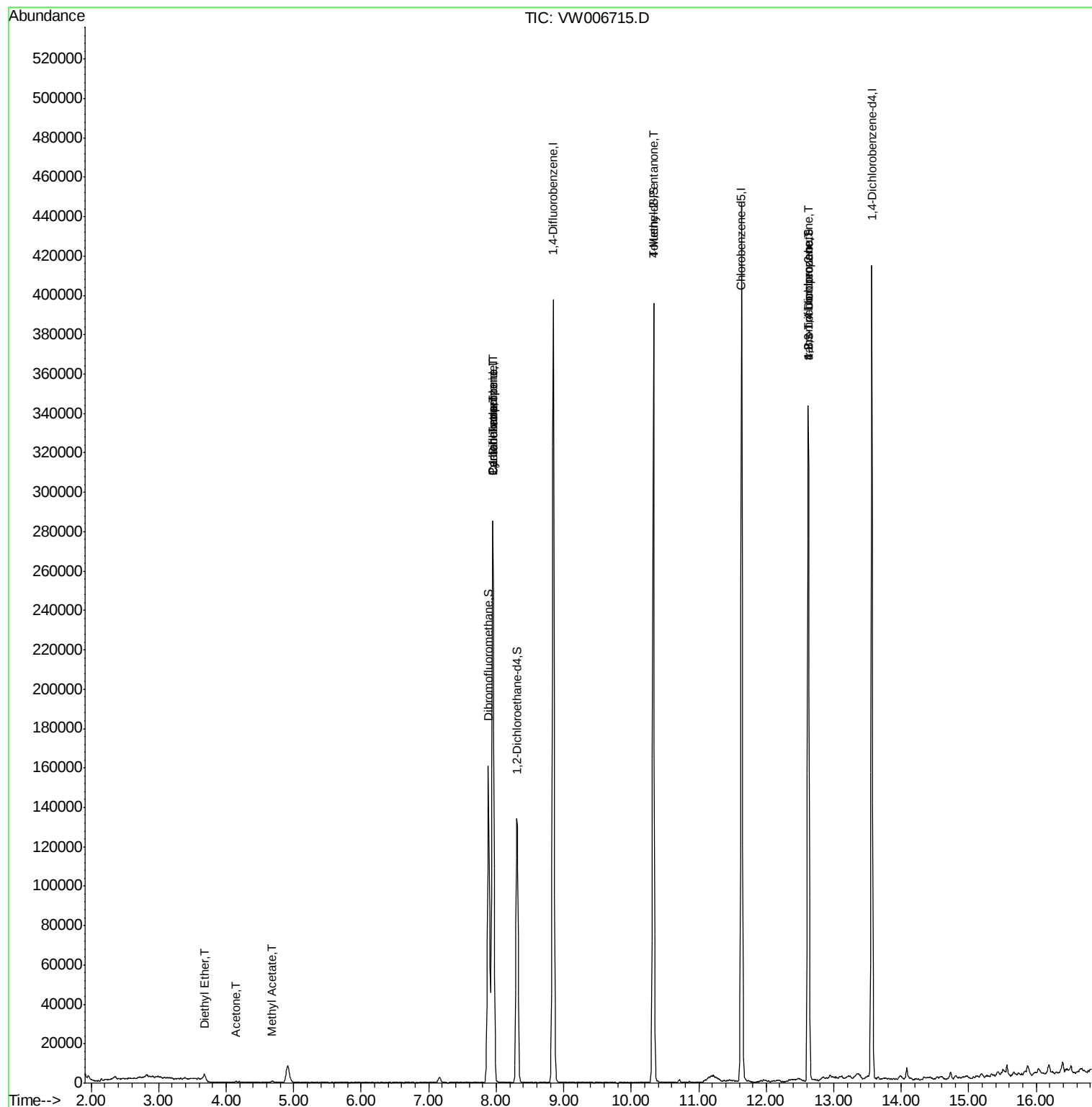
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	2274	2.180	ug/l	90
16) Acetone	4.15	43	835	2.493	ug/l	90
18) Methyl Acetate	4.68	43	1612	1.674	ug/l #	86
20) Methylene Chloride	4.90	84	8024	Below Cal		88
31) Cyclohexane	7.95	56	3908	1.183	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	14743	4.649	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20841	6.289	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1208	1.072	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	51664	55.795	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	51664	139.464	ug/l #	11

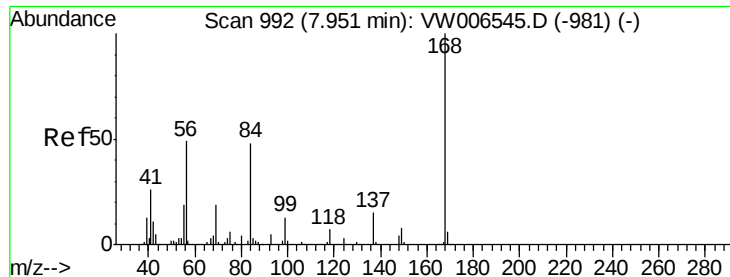
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
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QLast Update : Thu Nov 01 03:48:08 2018
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: VW006715.D

Acq: 07 Nov 2018 05:29

Instrument :

MSVOA_W

ClientSampleId :

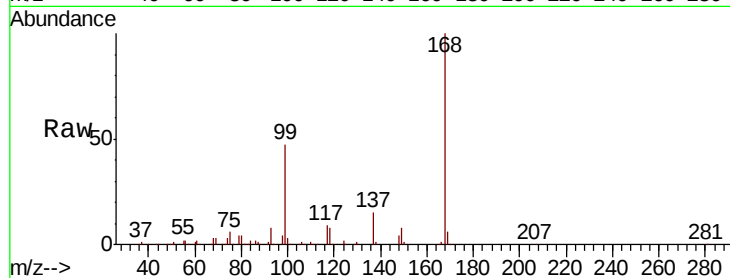
JC-03-110218-IRE

Tot Ion:168 Resp: 241337

Ion Ratio Lower Upper

168 100

99 47.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

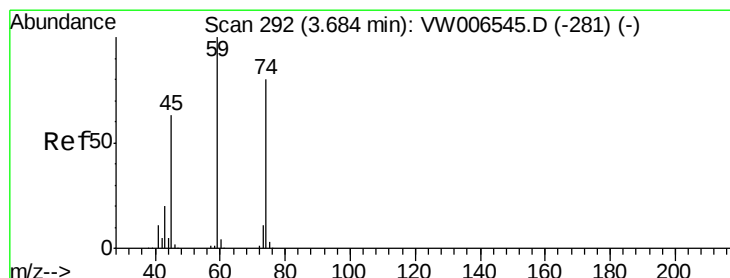
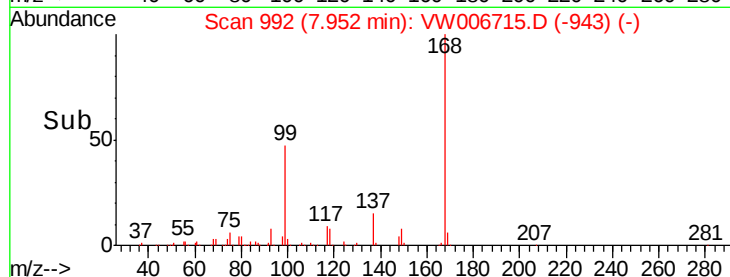
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.180 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006715.D

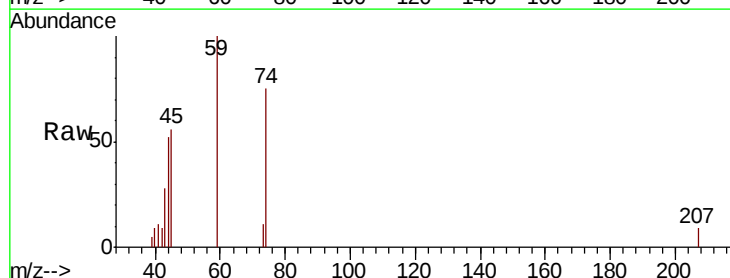
Acq: 07 Nov 2018 05:29

Tgt Ion: 74 Resp: 2274

Ion Ratio Lower Upper

74 100

45 91.5 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

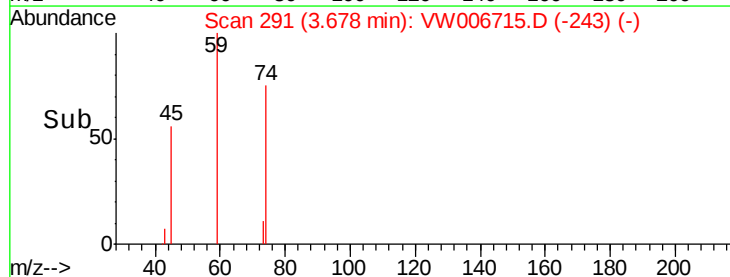
600

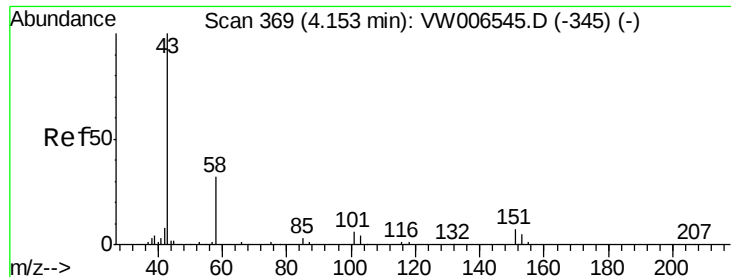
400

200

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 2.493 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006715.D

Acq: 07 Nov 2018 05:29

Instrument :

MSVOA_W

ClientSampleId :

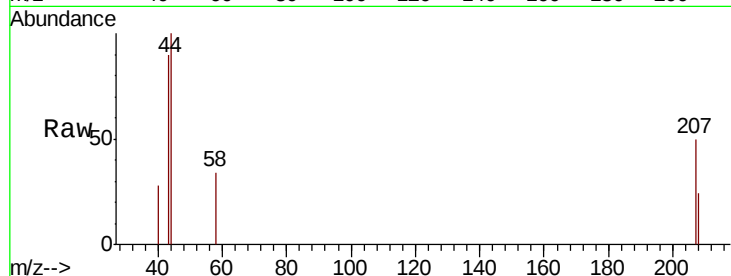
JC-03-110218-IRE

Tot Ion: 43 Resp: 835

Ion Ratio Lower Upper

43 100

58 37.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

250

200

150

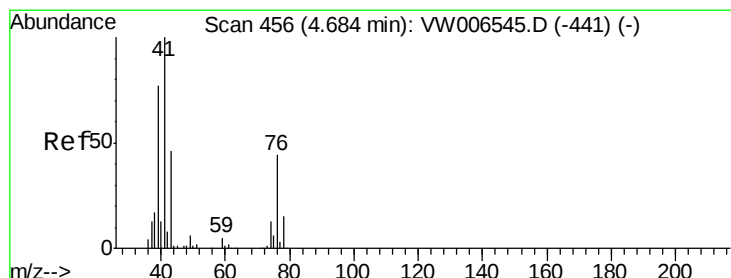
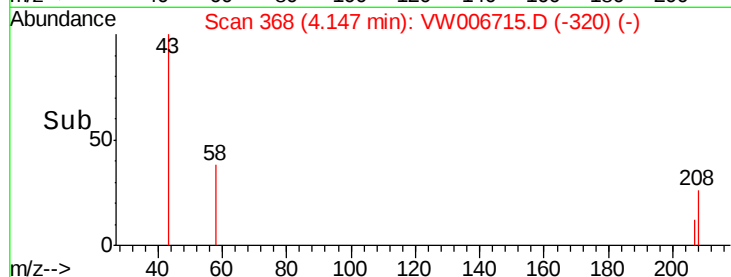
100

50

0

4.10 4.15 4.20

Time-->



#18

Methyl Acetate

Concen: 1.674 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006715.D

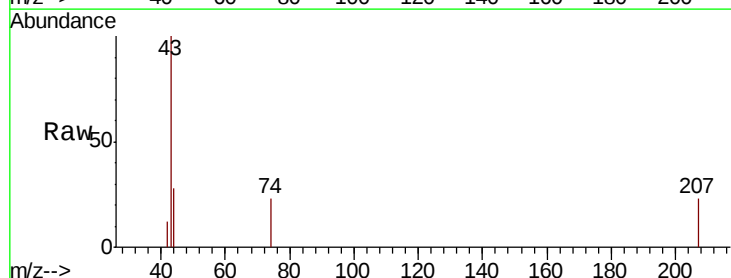
Acq: 07 Nov 2018 05:29

Tgt Ion: 43 Resp: 1612

Ion Ratio Lower Upper

43 100

74 19.9 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

600

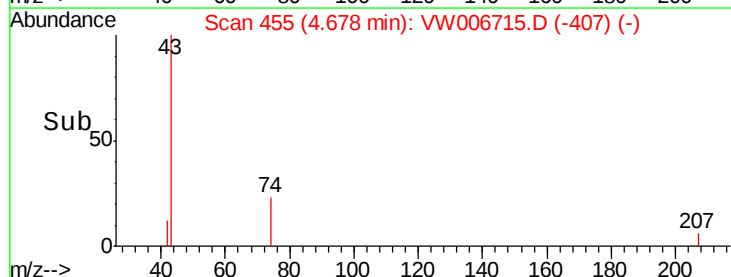
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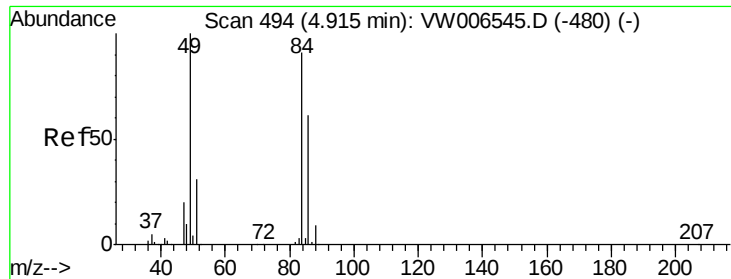
200

0

4.60 4.65 4.70 4.75

Time-->

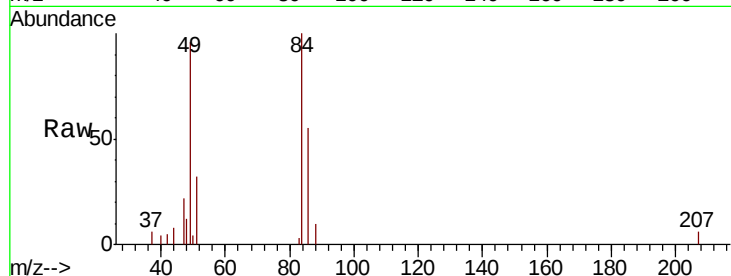




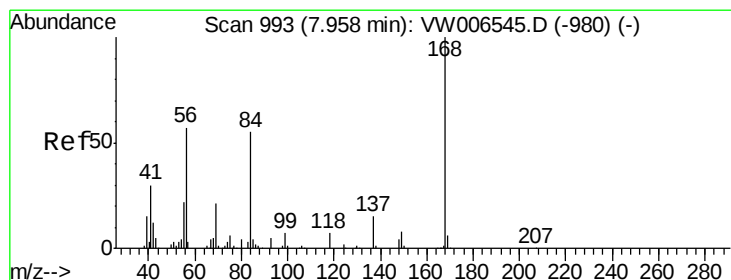
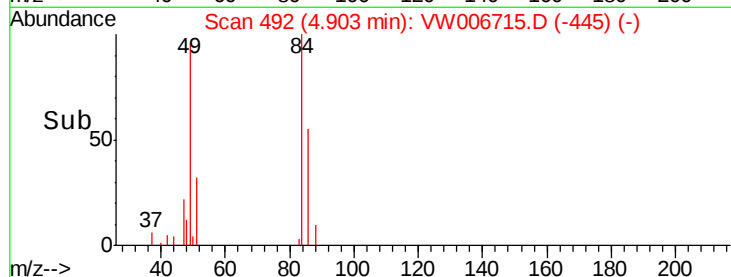
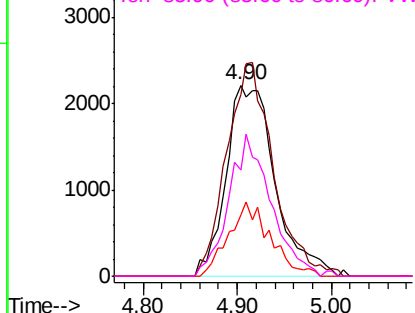
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW006715.D
Acq: 07 Nov 2018 05:29

Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-IRE

Tot Ion:	84	Resp:	8024
Ion	Ratio	Lower	Upper
84	100		
49	95.5	88.2	132.4
51	32.2	27.0	40.6
86	55.4	53.8	80.8

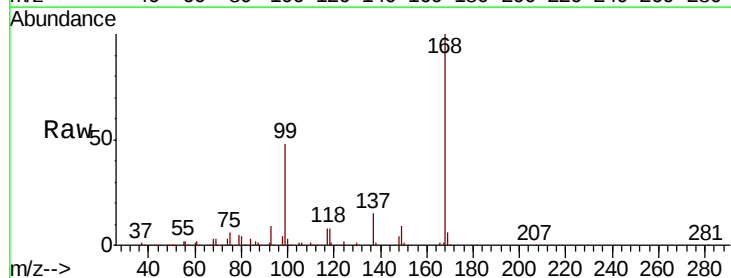


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

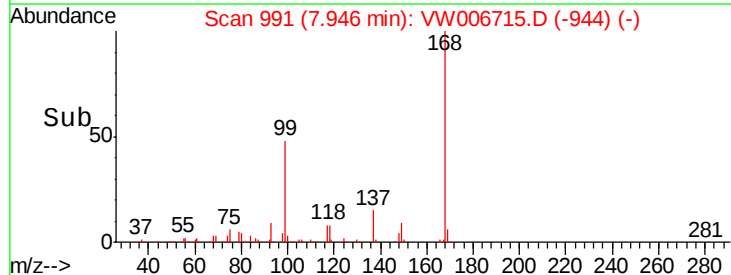
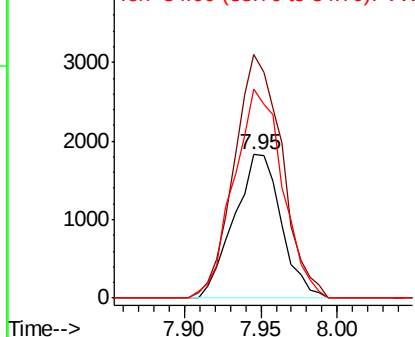


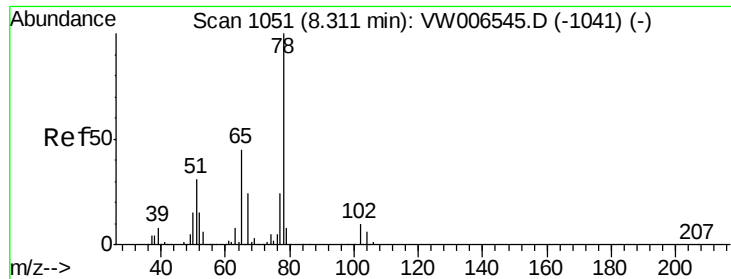
#31
Cyclohexane
Concen: 1.183 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006715.D
Acq: 07 Nov 2018 05:29

Tgt Ion:	56	Resp:	3908
Ion	Ratio	Lower	Upper
56	100		
69	169.8	29.0	43.4#
84	145.6	77.8	116.6#



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

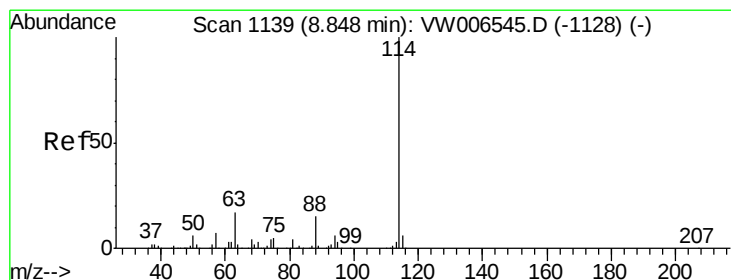
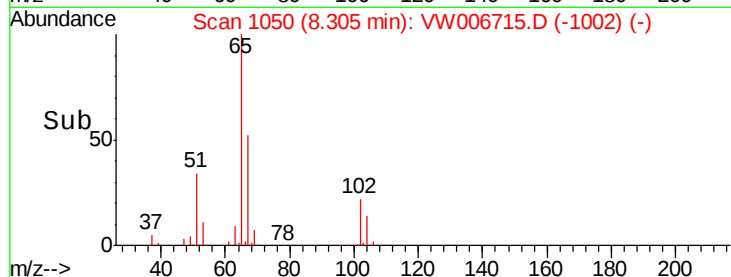
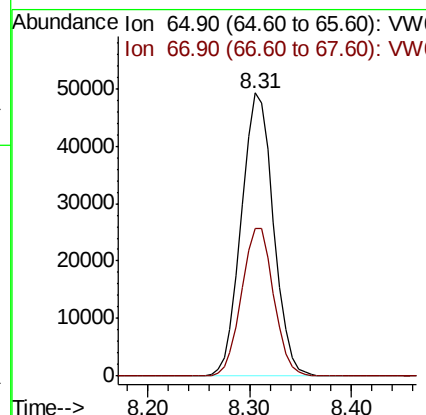
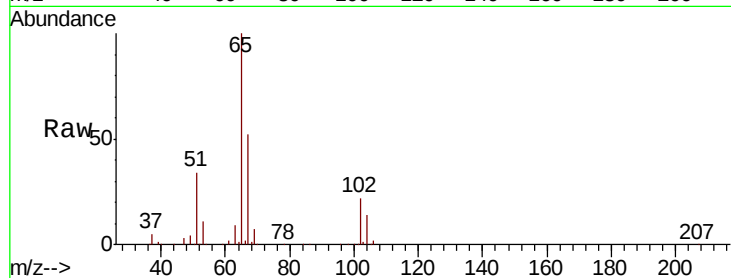




#33
 1,2-Dichloroethane-d4
 Concen: 51.852 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006715.D
 Acq: 07 Nov 2018 05:29

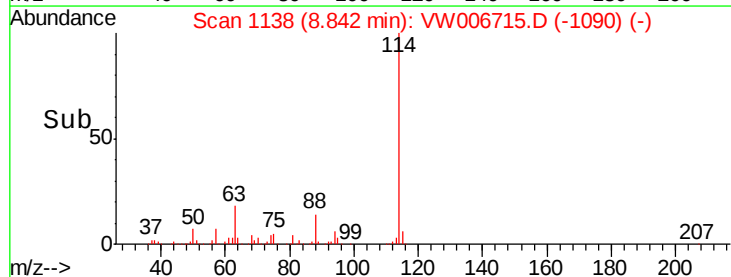
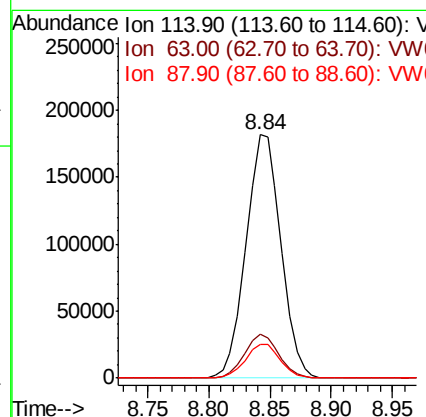
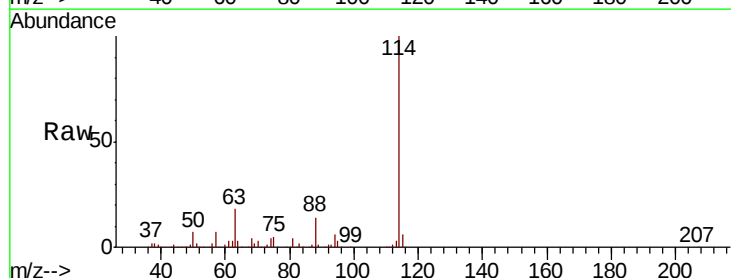
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-IRE

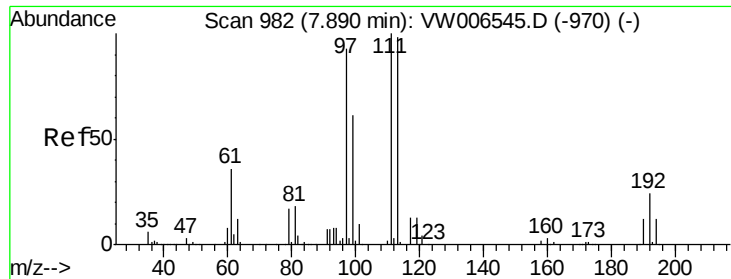
Tot Ion: 65 Resp: 107568
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006715.D
 Acq: 07 Nov 2018 05:29

Tgt Ion: 114 Resp: 360638
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.4
 88 14.1 0.0 29.0

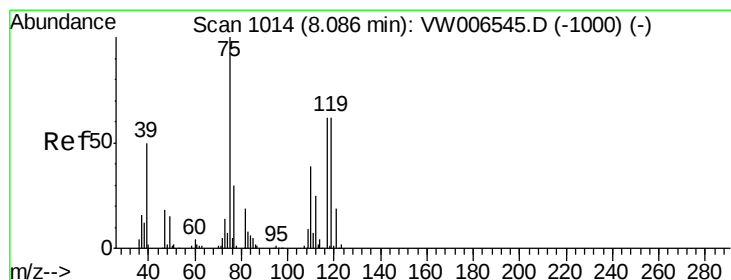
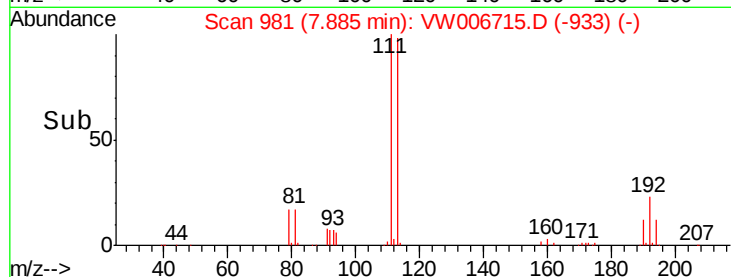
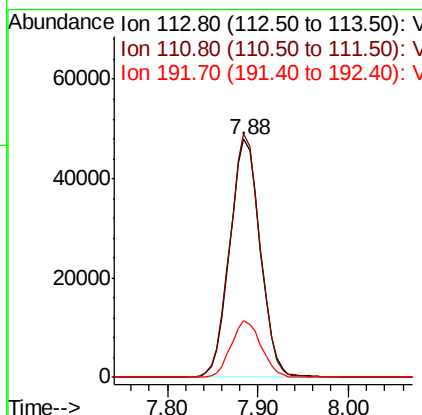
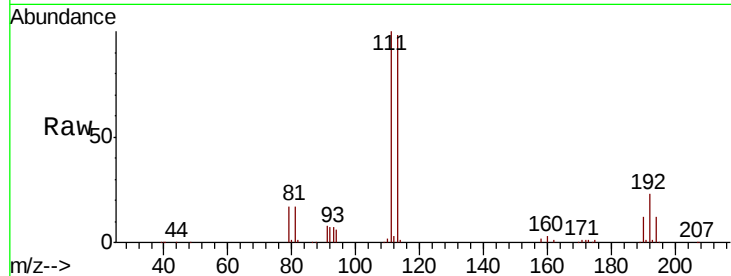




#35
 Dibromofluoromethane
 Concen: 49.417 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006715.D
 Acq: 07 Nov 2018 05:29

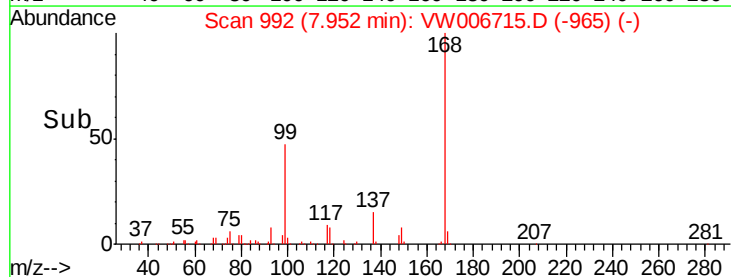
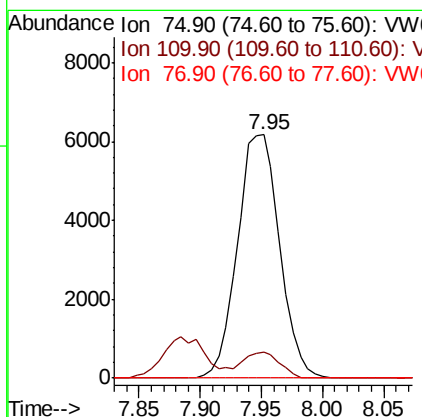
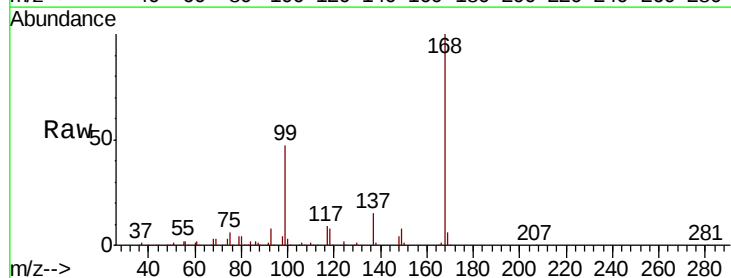
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-IRE

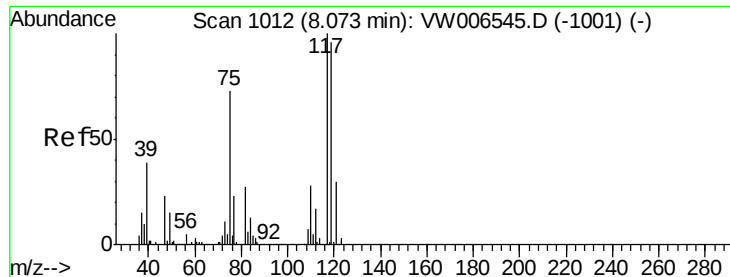
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.2
192	23.5	19.0	28.6



#36
 1,1-Dichloropropene
 Concen: 4.649 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006715.D
 Acq: 07 Nov 2018 05:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.5	58.5#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 6.289 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006715.D

Acq: 07 Nov 2018 05:29

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-IRE

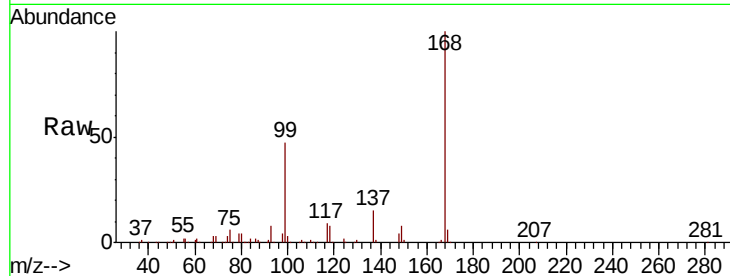
Tot Ion:117 Resp: 20841

Ion Ratio Lower Upper

117 100

119 4.5 76.3 114.5#

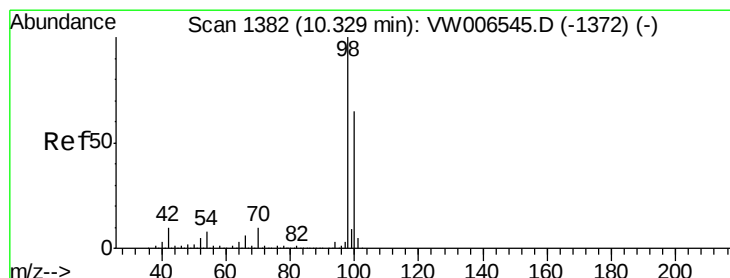
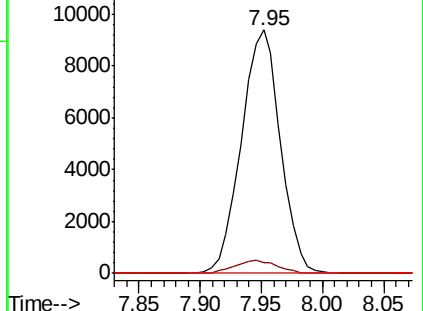
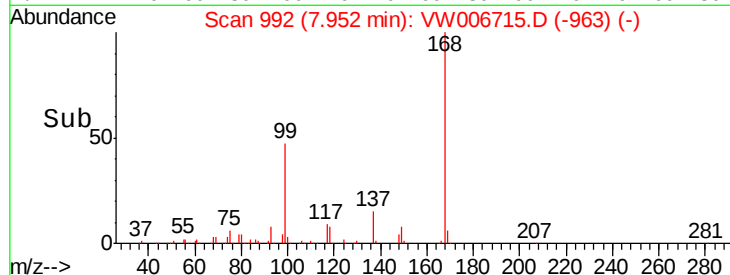
121 0.0 24.1 36.1#



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: 32.314 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006715.D

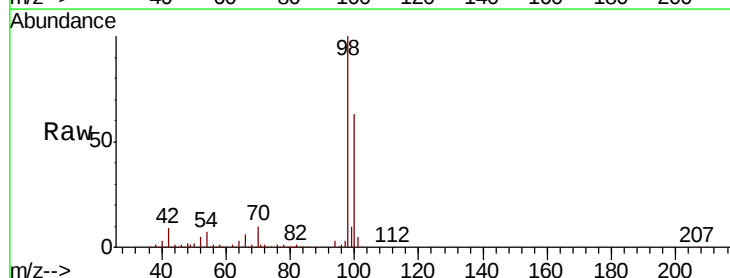
Acq: 07 Nov 2018 05:29

Tgt Ion: 98 Resp: 278412

Ion Ratio Lower Upper

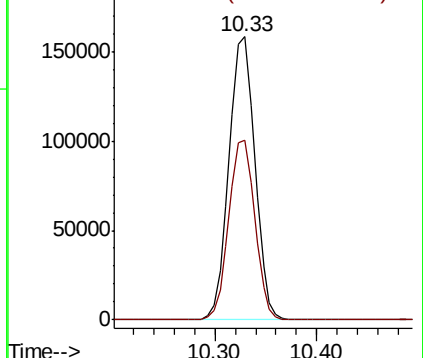
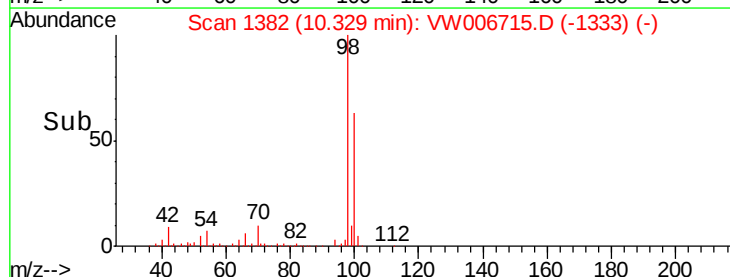
98 100

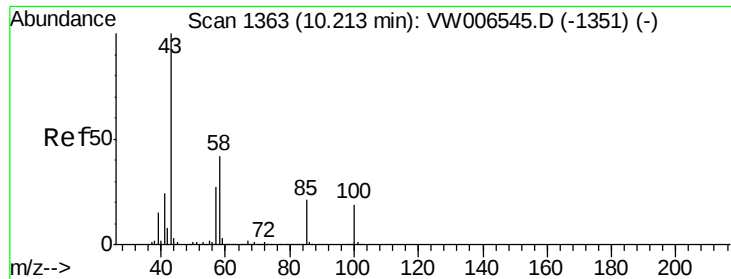
100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

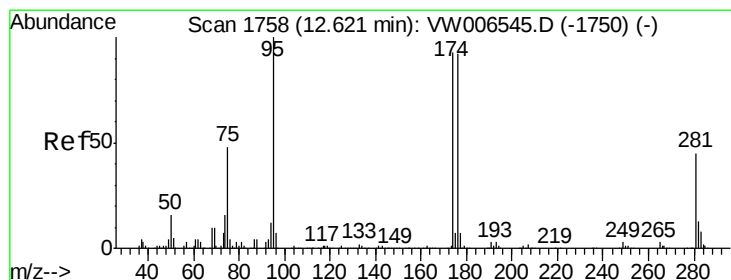
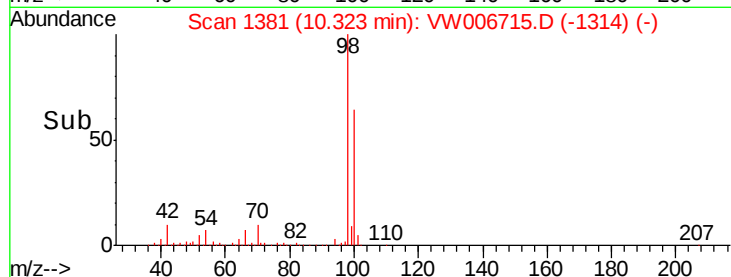
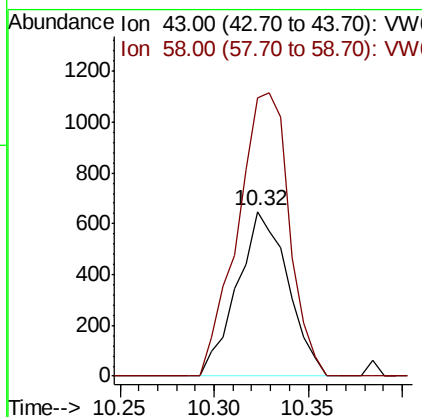
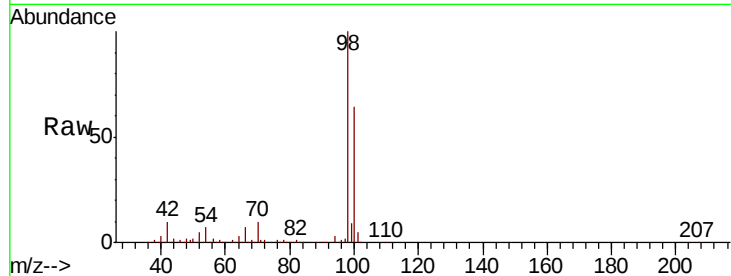




#51
4-Methyl-2-Pentanone
Concen: 1.072 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.11 min
Lab File: VW006715.D
Acq: 07 Nov 2018 05:29

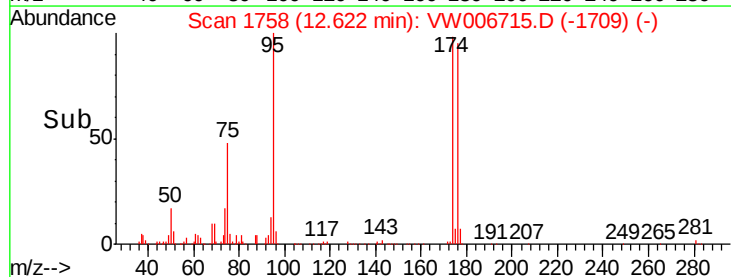
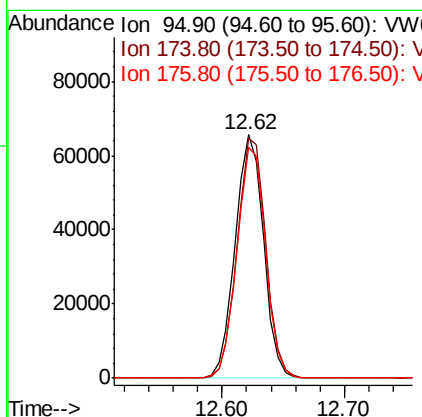
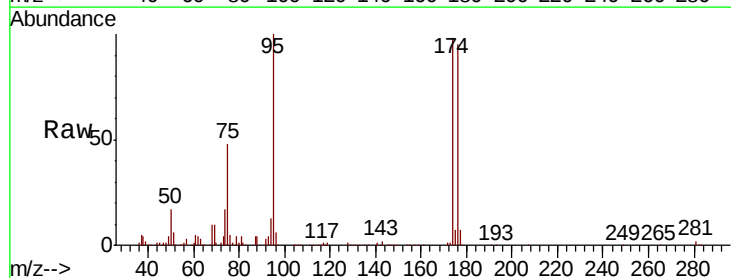
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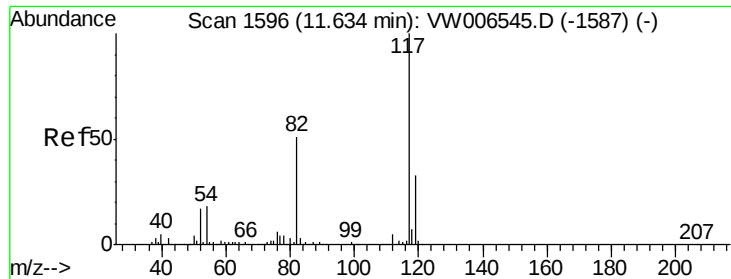
Tot Ion: 43 Resp: 1208
Ion Ratio Lower Upper
43 100
58 174.9 33.4 50.0#



#62
4-Bromofluorobenzene
Concen: 33.724 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006715.D
Acq: 07 Nov 2018 05:29

Tgt Ion: 95 Resp: 105341
Ion Ratio Lower Upper
95 100
174 99.4 0.0 192.4
176 95.5 0.0 187.4

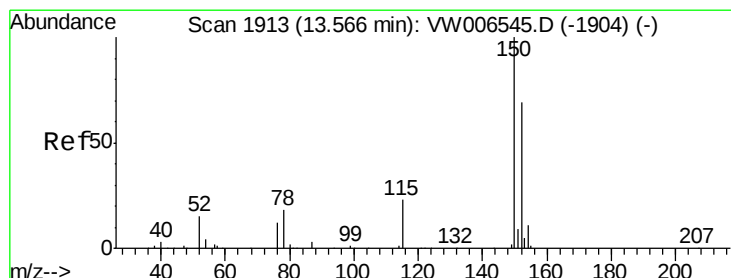
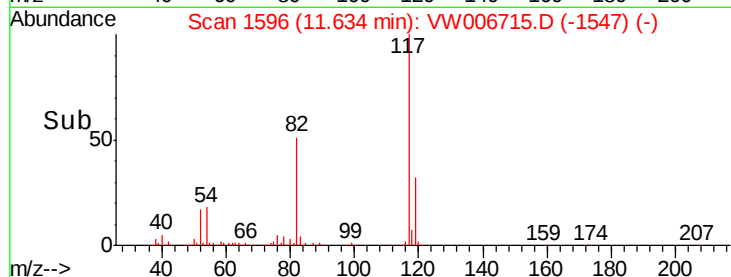
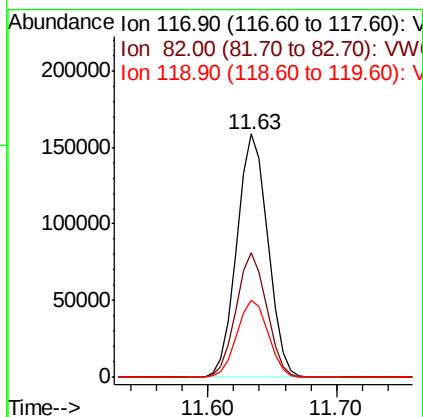
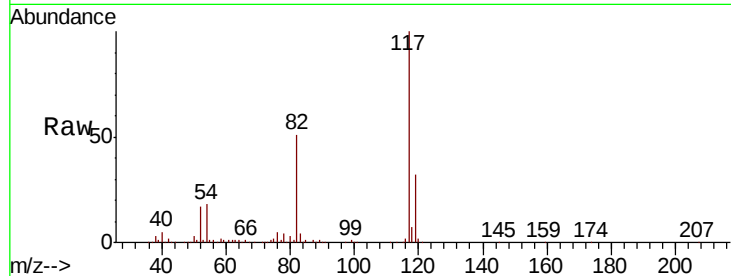




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006715.D
Acq: 07 Nov 2018 05:29

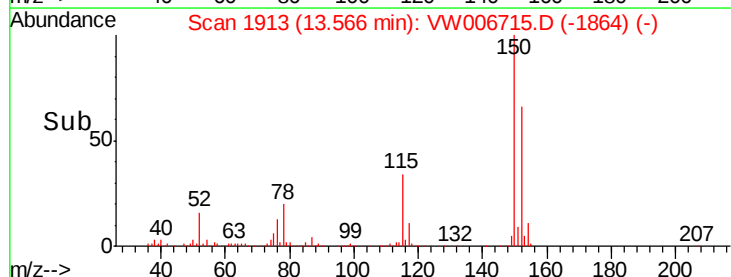
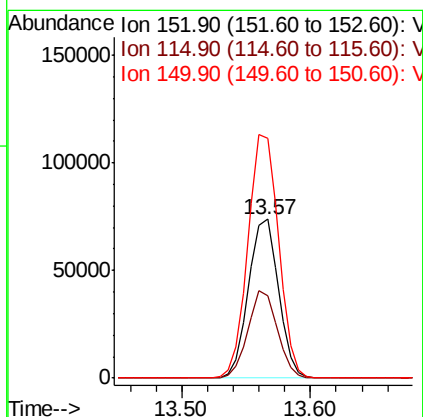
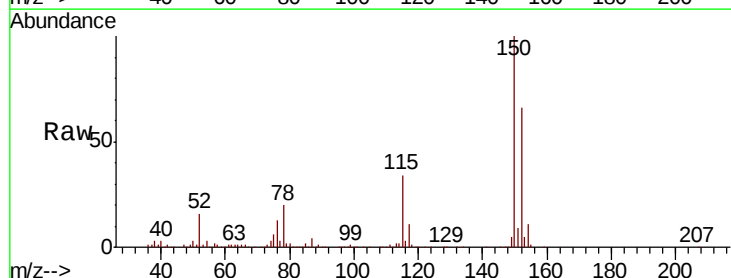
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-IRE

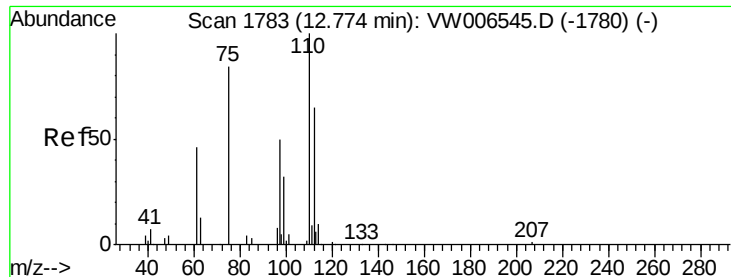
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	40.8	61.2
119	31.9	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006715.D
Acq: 07 Nov 2018 05:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	26.6	79.8
150	156.1	0.0	344.6





#76

1,2,3-Trichloropropane

Concen: 55.795 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006715.D

Acq: 07 Nov 2018 05:29

Instrument :

MSVOA_W

ClientSampleId :

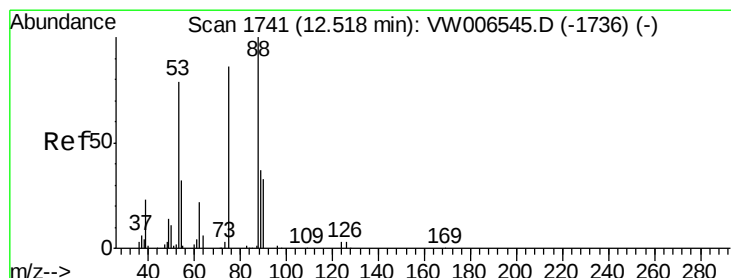
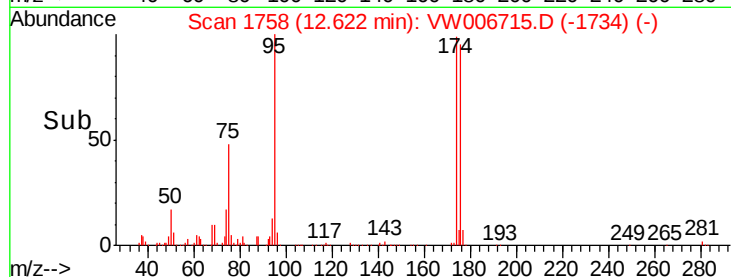
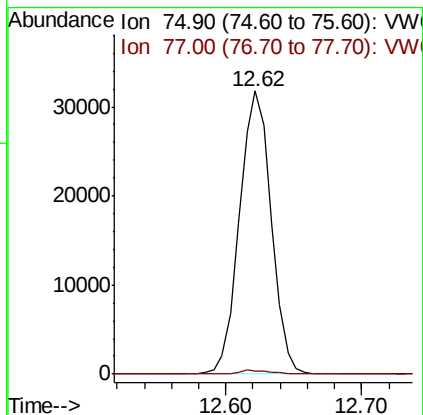
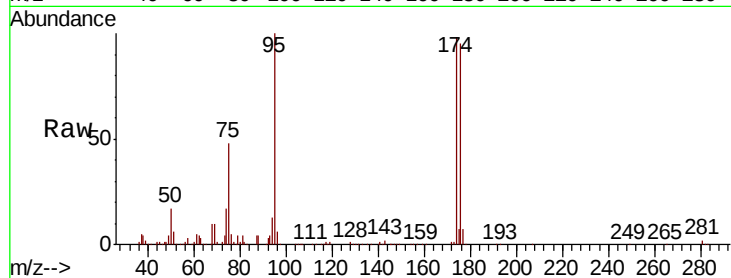
JC-03-110218-IRE

Tot Ion: 75 Resp: 51664

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 139.464 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006715.D

Acq: 07 Nov 2018 05:29

Tgt Ion: 75 Resp: 51664

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

