

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015818.D
 Acq On : 08 Jul 2020 19:00
 Operator : SY/VA
 Sample : L3187-01RE
 Misc : 7.23G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-070720RE

Quant Time: Jul 09 04:43:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	159412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	284051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	241005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89088	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	100545	61.25	ug/l	0.00
Spiked Amount			Recovery	=	122.50%	
35) Dibromofluoromethane	7.89	113	90668	54.71	ug/l	0.00
Spiked Amount			Recovery	=	109.42%	
50) Toluene-d8	10.32	98	339951	53.40	ug/l	0.00
Spiked Amount			Recovery	=	106.80%	
62) 4-Bromofluorobenzene	12.62	95	102975	44.09	ug/l	0.00
Spiked Amount			Recovery	=	88.18%	

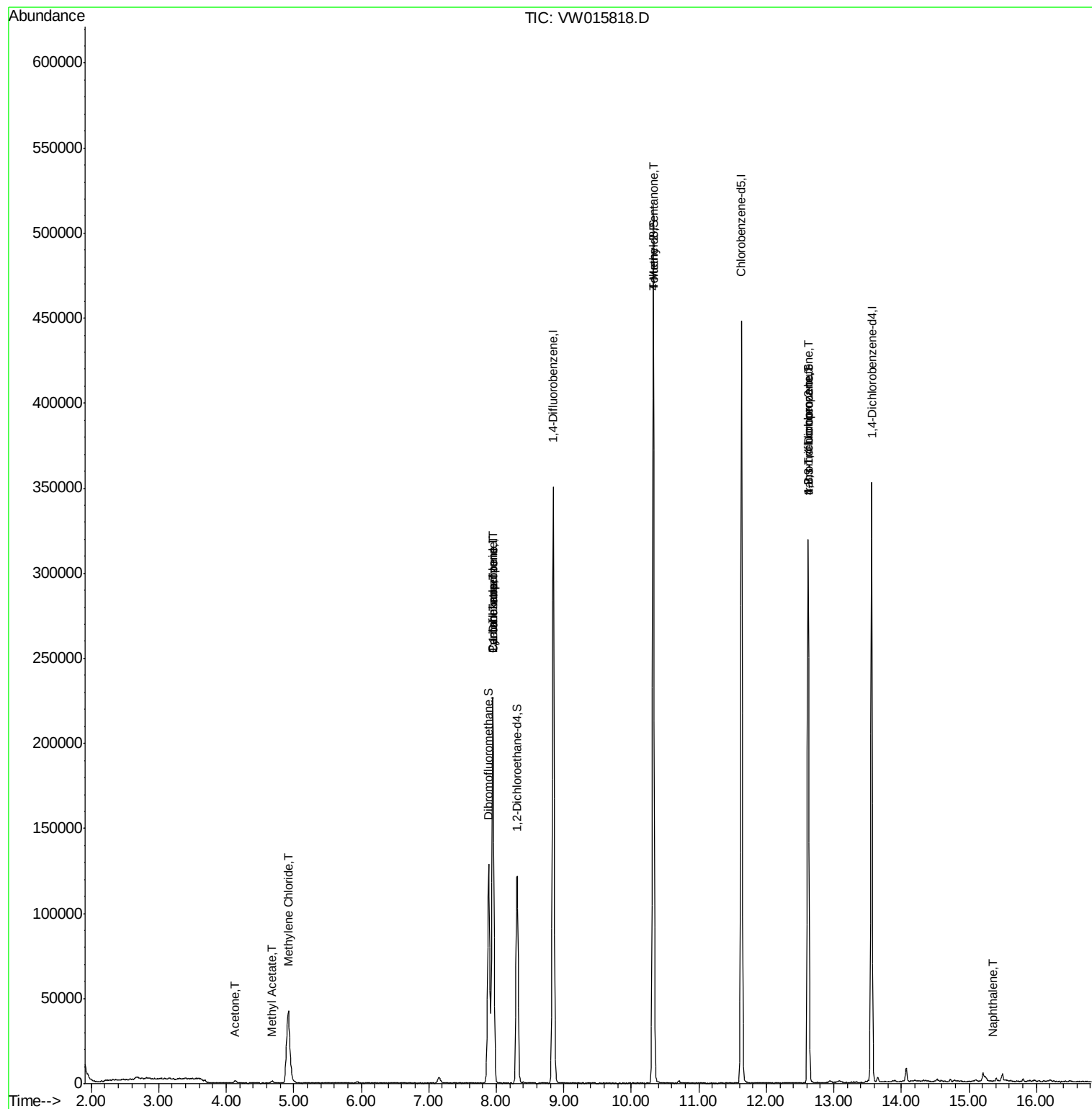
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	2347	7.641	ug/l	99
18) Methyl Acetate	4.67	43	2384	3.411	ug/l	93
20) Methylene Chloride	4.92	84	36623	20.524	ug/l	97
31) Cyclohexane	7.95	56	3992	1.405	ug/l #	32
36) 1,1-Dichloropropene	7.95	75	13606	4.859	ug/l #	50
38) Carbon Tetrachloride	7.95	117	16519	6.097	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1752	1.691	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	55360	70.706	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	55360	152.126	ug/l #	7
95) Naphthalene	15.36	128	214	2.881	ug/l #	69

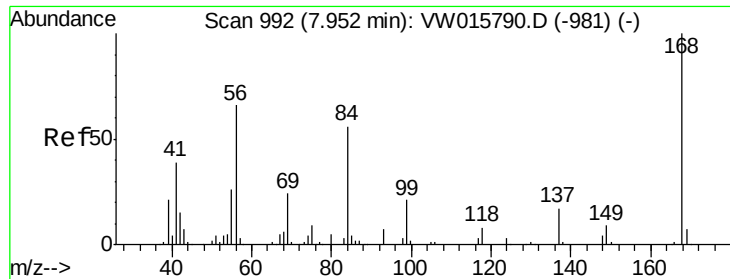
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 08:28:05 2020
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: VW015818.D

Acq: 08 Jul 2020 19:00

Instrument :

MSVOA_W

ClientSampleId :

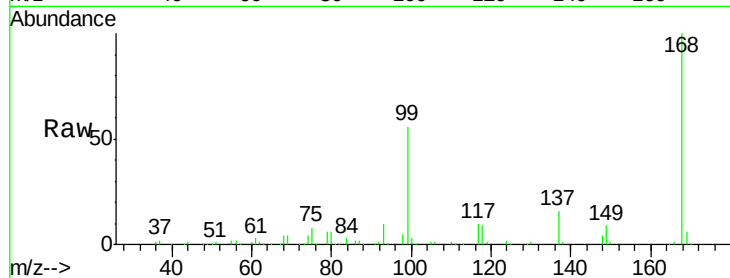
SU-02-070720RE

Tot Ion:168 Resp: 159412

Ion Ratio Lower Upper

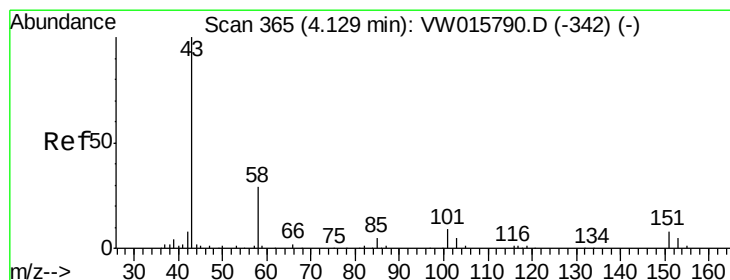
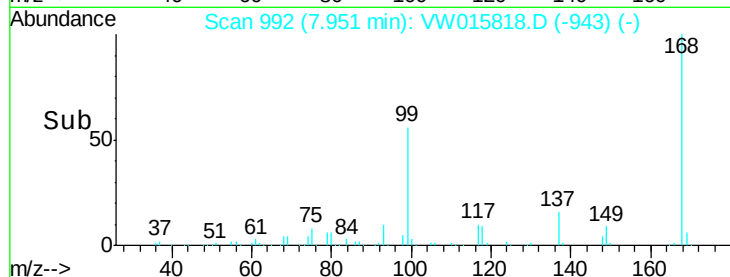
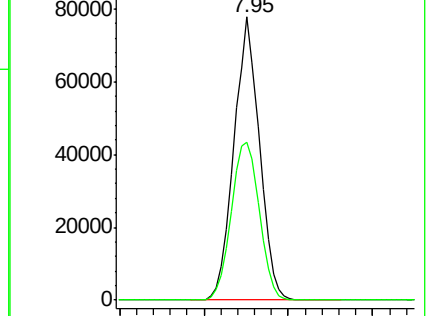
168 100

99 55.6 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 7.641 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015818.D

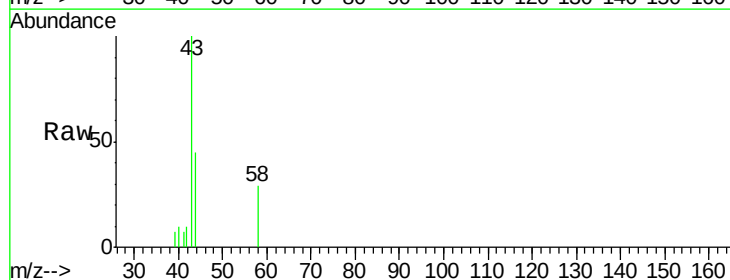
Acq: 08 Jul 2020 19:00

Tgt Ion: 43 Resp: 2347

Ion Ratio Lower Upper

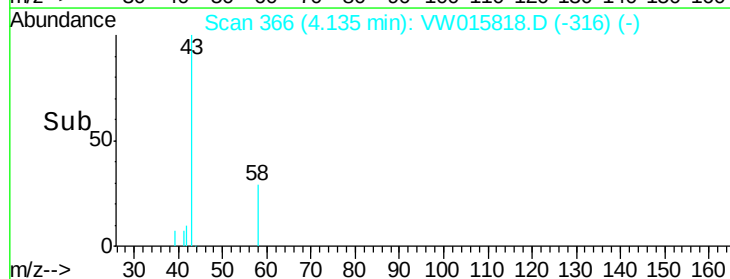
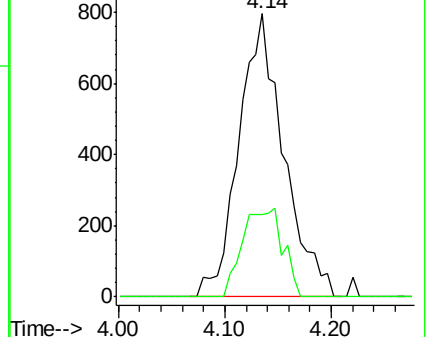
43 100

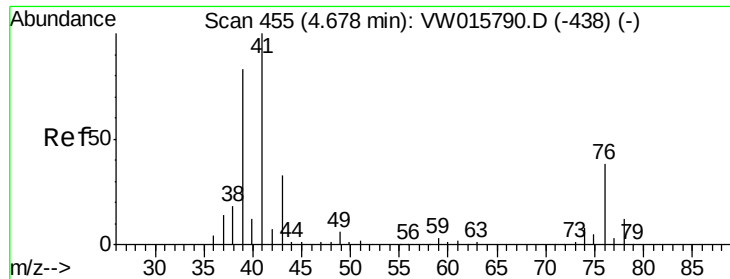
58 29.0 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

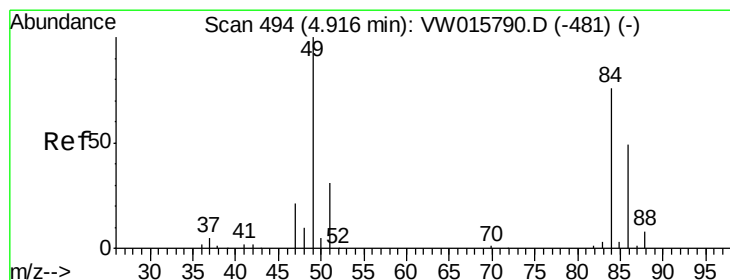
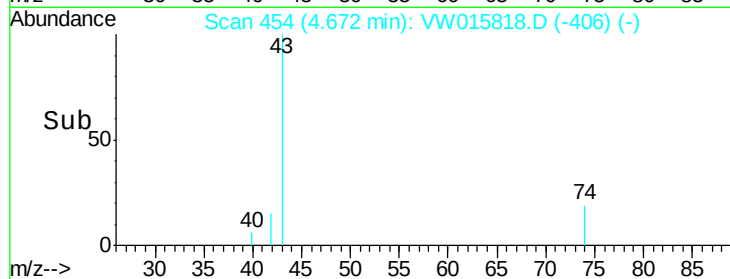
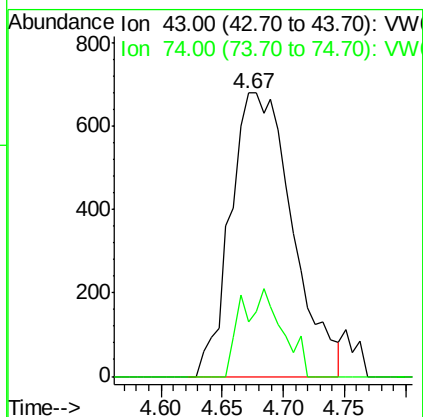
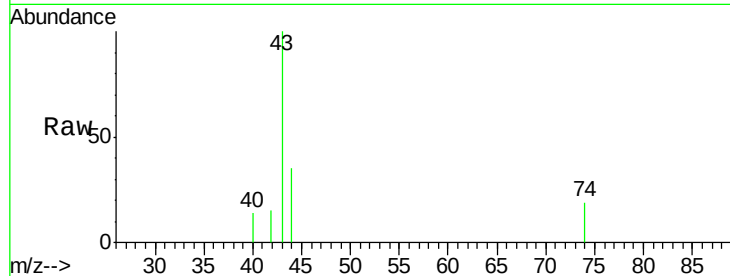




#18
Methyl Acetate
Concen: 3.411 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015818.D
Acq: 08 Jul 2020 19:00

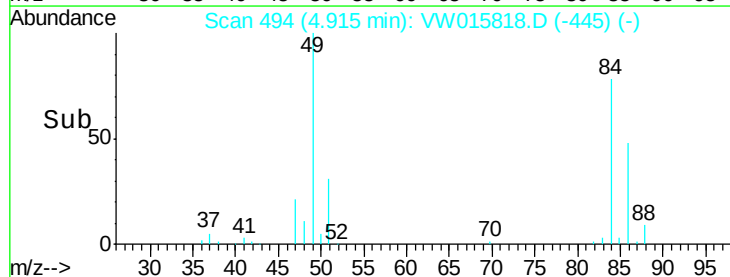
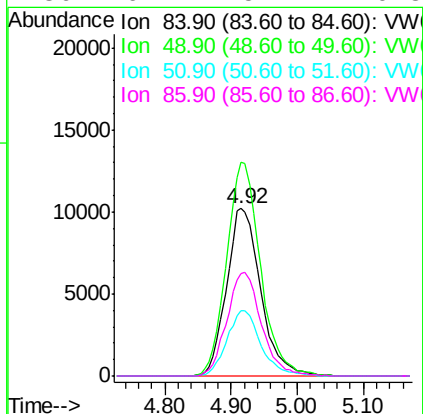
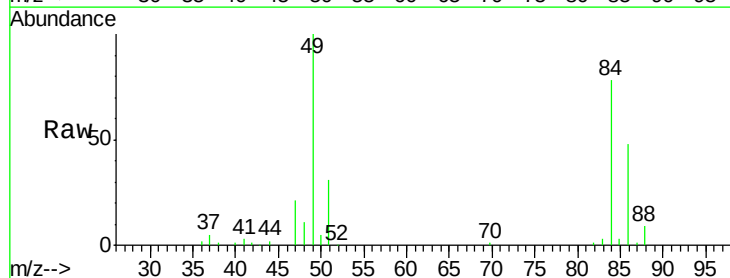
Instrument :
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SU-02-070720RE

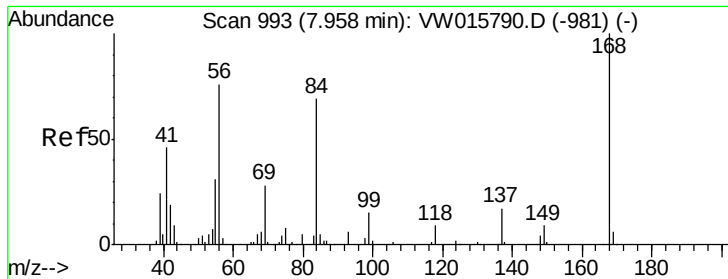
Tot Ion: 43 Resp: 2384
Ion Ratio Lower Upper
43 100
74 20.3 19.2 28.8



#20
Methylene Chloride
Concen: 20.524 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015818.D
Acq: 08 Jul 2020 19:00

Tgt Ion: 84 Resp: 36623
Ion Ratio Lower Upper
84 100
49 127.5 105.0 157.6
51 39.3 32.3 48.5
86 61.2 51.2 76.8

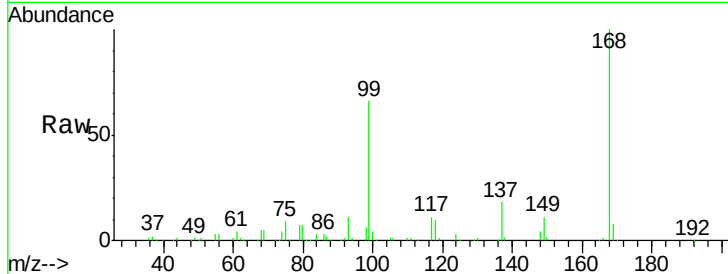




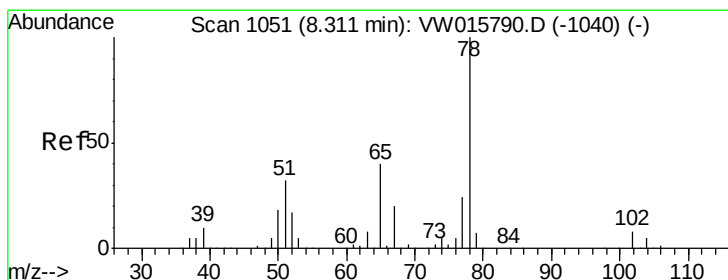
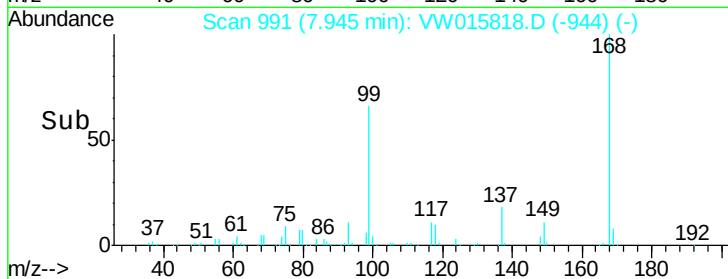
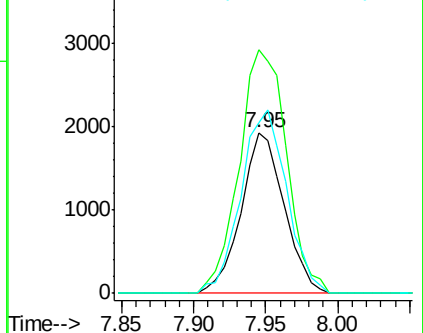
#31
Cyclohexane
Concen: 1.405 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015818.D
Acq: 08 Jul 2020 19:00

Instrument :
MSVOA_W
ClientSampleId :
SU-02-070720RE

Tot Ion: 56 Resp: 3992
Ion Ratio Lower Upper
56 100
69 151.8 28.9 43.3#
84 106.0 72.2 108.4

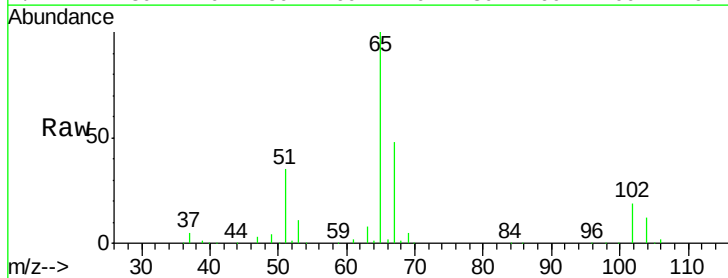


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

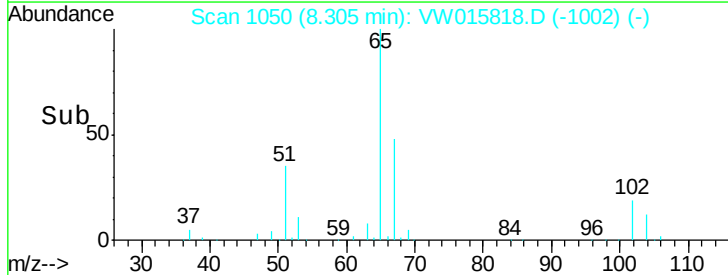
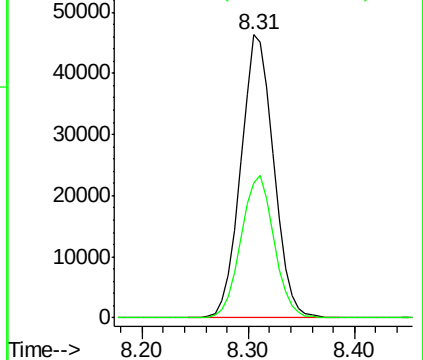


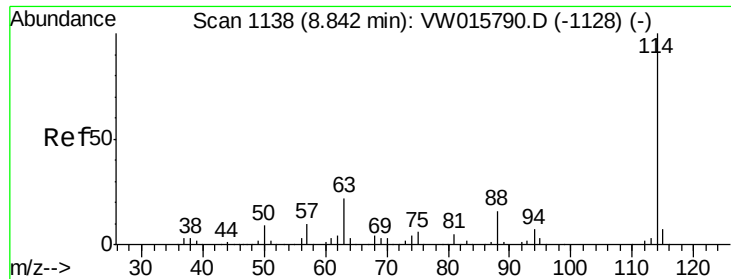
#33
1,2-Dichloroethane-d4
Concen: 61.250 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW015818.D
Acq: 08 Jul 2020 19:00

Tgt Ion: 65 Resp: 100545
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.4



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

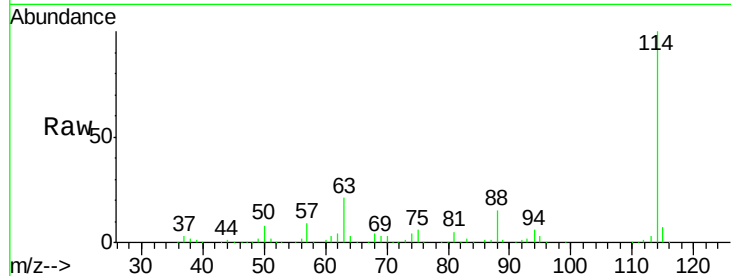




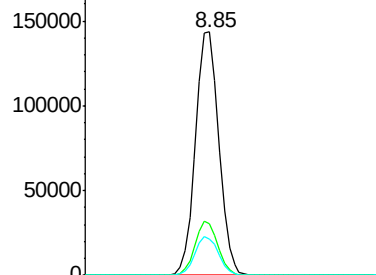
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015818.D
 Acq: 08 Jul 2020 19:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-070720RE

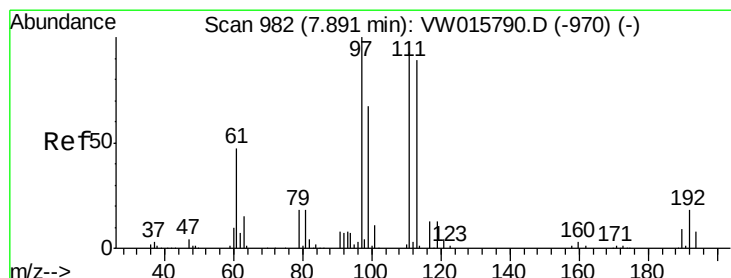
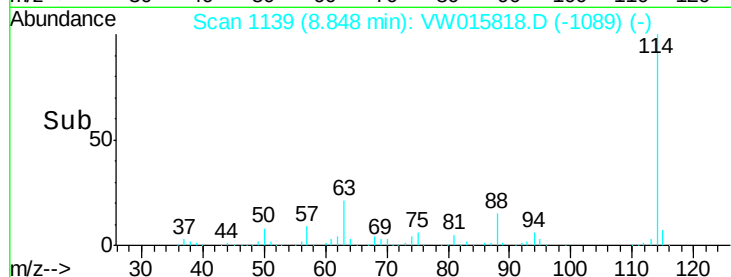
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.4
88	15.1	0.0	32.6



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

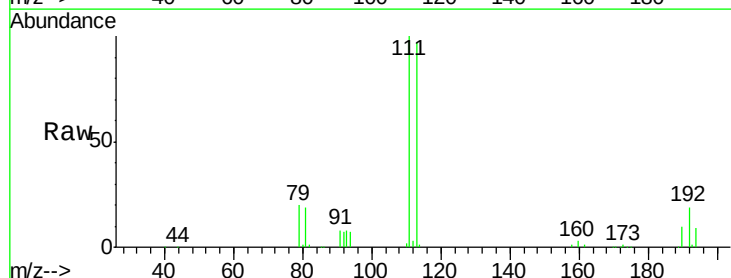


Time-->

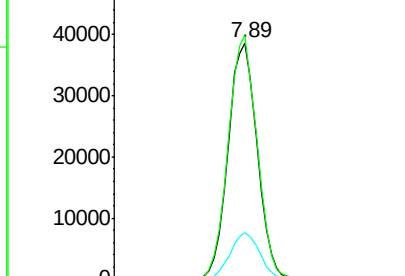


#35
 Dibromofluoromethane
 Concen: 54.712 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW015818.D
 Acq: 08 Jul 2020 19:00

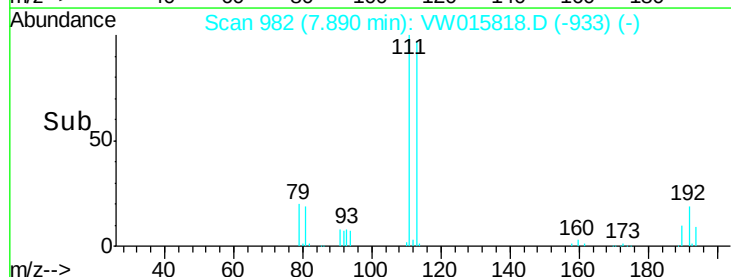
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	19.7	15.4	23.2

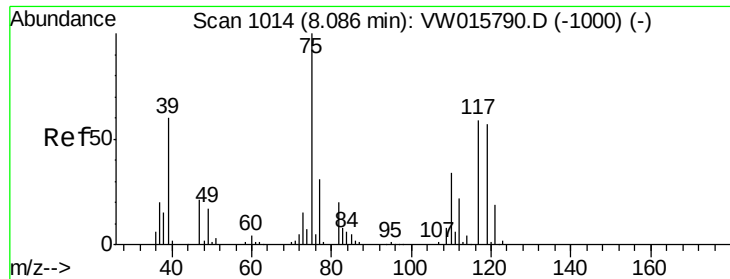


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

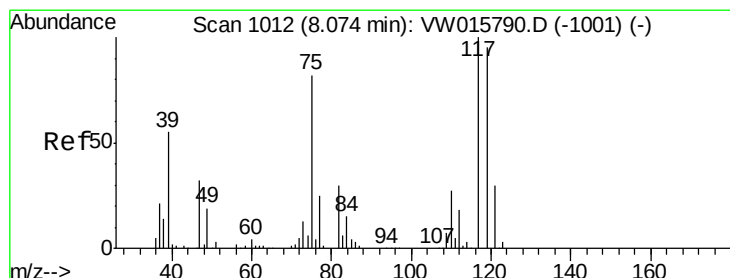
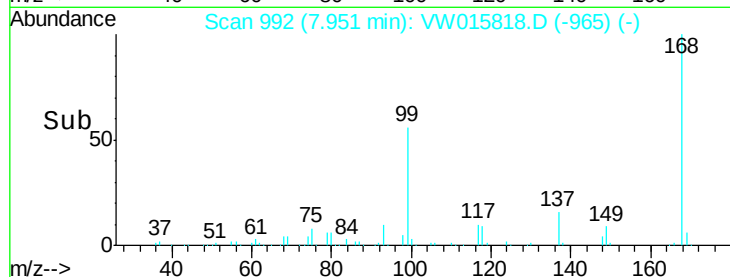
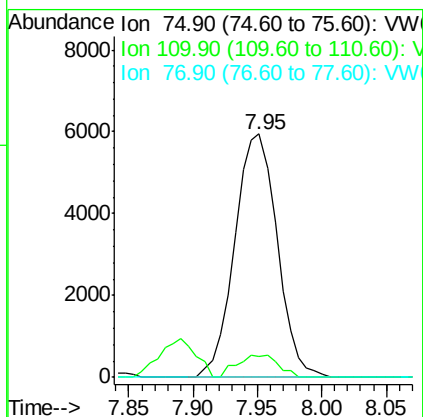
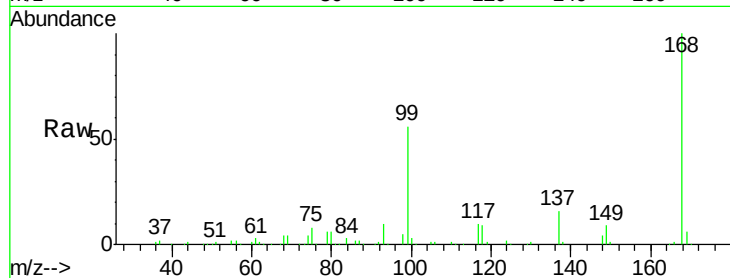




#36
 1,1-Dichloropropene
 Concen: 4.859 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015818.D
 Acq: 08 Jul 2020 19:00

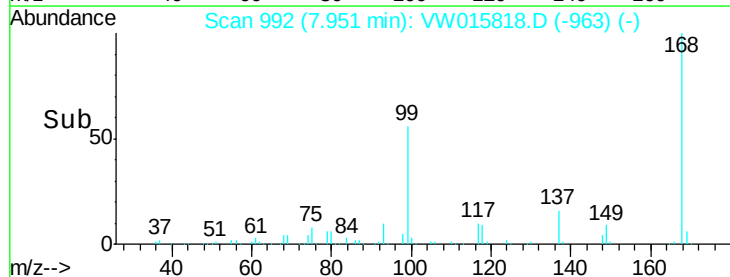
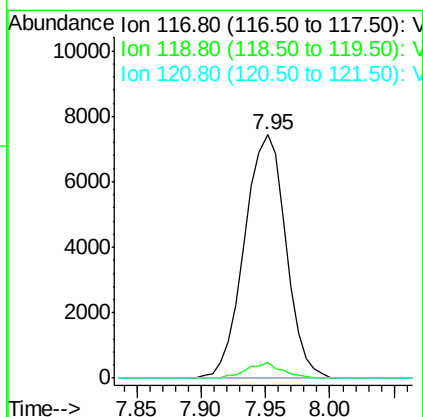
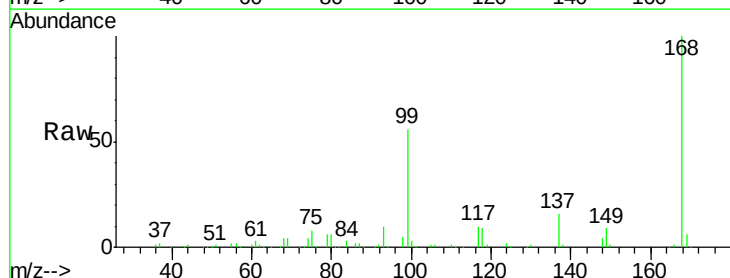
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-070720RE

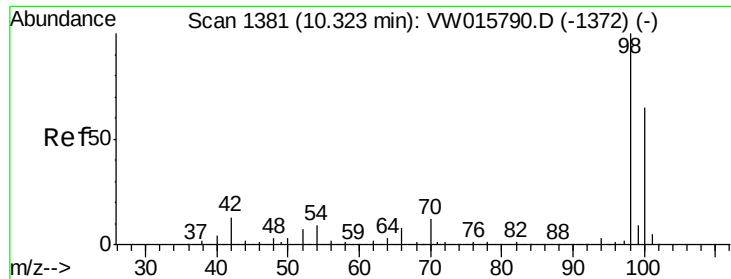
Tot Ion	75	Resp	13606
Ion Ratio	Lower	Upper	
75	100		
110	8.9	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.097 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015818.D
 Acq: 08 Jul 2020 19:00

Tgt Ion	117	Resp	16519
Ion Ratio	Lower	Upper	
117	100		
119	6.6	76.3	114.5#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 53.405 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015818.D

Acq: 08 Jul 2020 19:00

Instrument :

MSVOA_W

ClientSampleId :

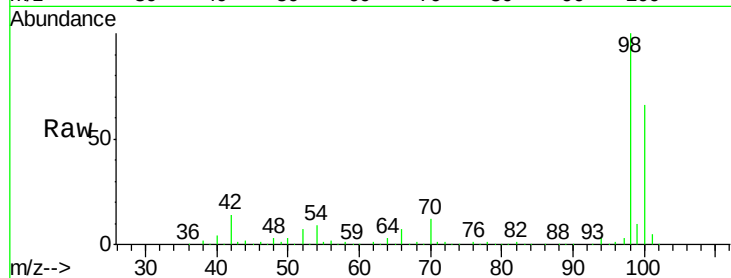
SU-02-070720RE

Tot Ion: 98 Resp: 339951

Ion Ratio Lower Upper

98 100

100 66.2 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

200000

150000

100000

50000

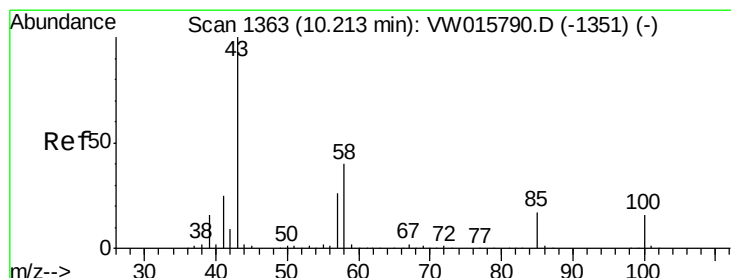
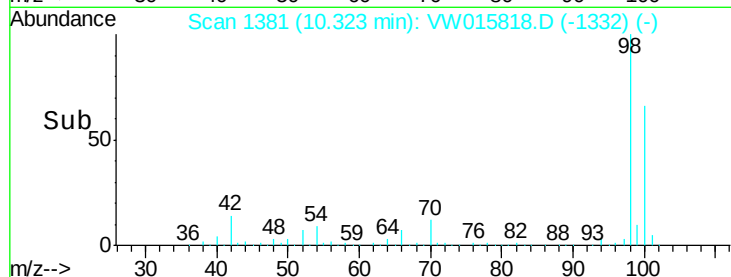
0

10.32

10.30

10.40

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.691 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015818.D

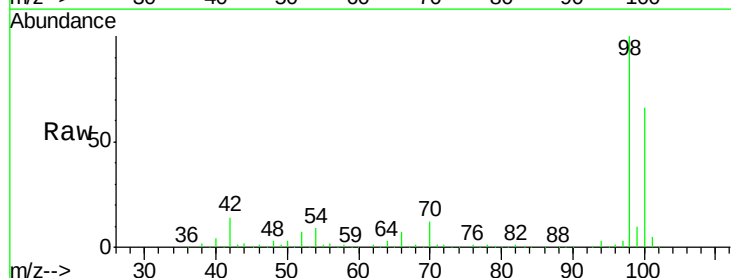
Acq: 08 Jul 2020 19:00

Tgt Ion: 43 Resp: 1752

Ion Ratio Lower Upper

43 100

58 177.0 30.9 46.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

1500

1000

500

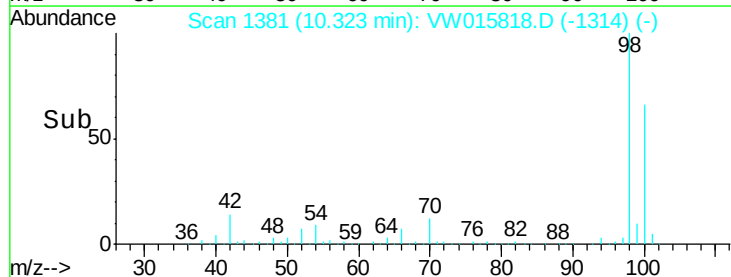
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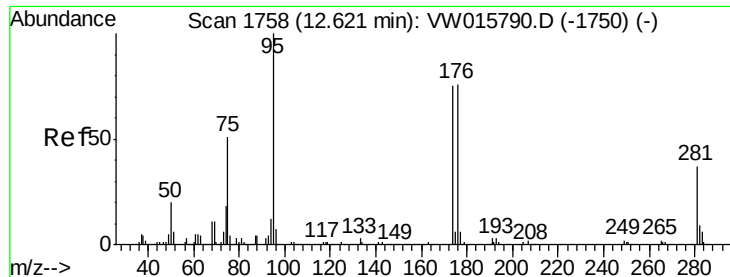
10.32

10.30

10.35

Time-->





#62

4-Bromofluorobenzene

Concen: 44.085 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015818.D

Acq: 08 Jul 2020 19:00

Instrument :

MSVOA_W

ClientSampleId :

SU-02-070720RE

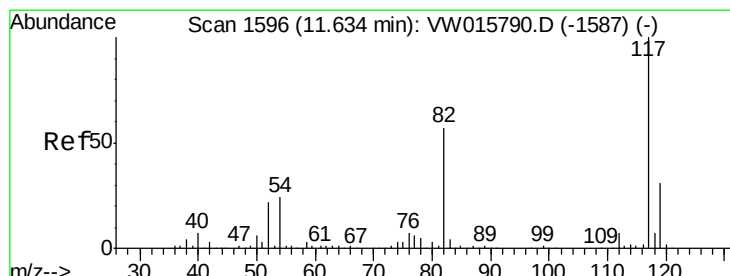
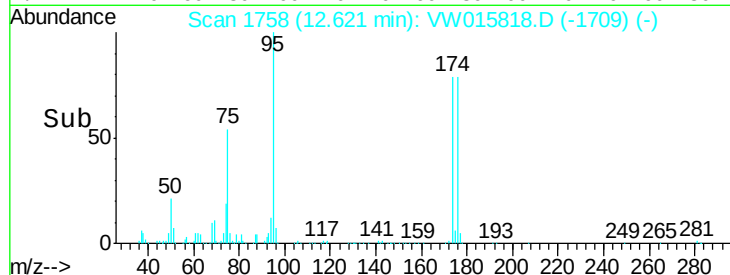
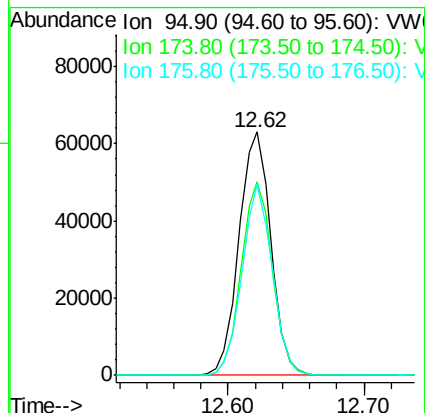
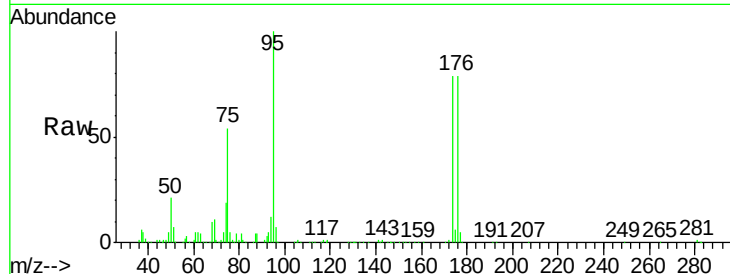
Tot Ion: 95 Resp: 102975

Ion Ratio Lower Upper

95 100

174 78.1 0.0 150.2

176 74.7 0.0 148.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW015818.D

Acq: 08 Jul 2020 19:00

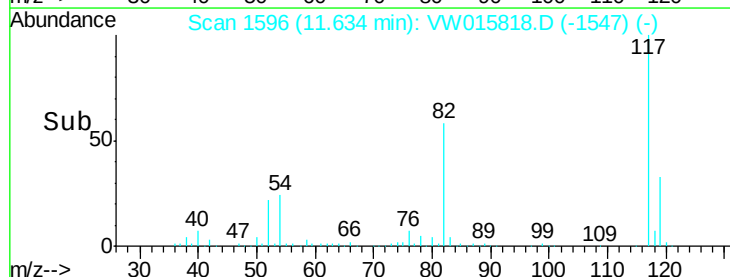
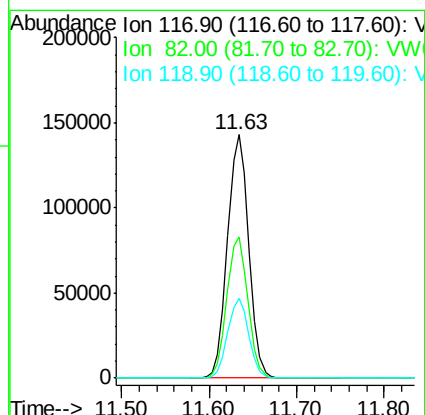
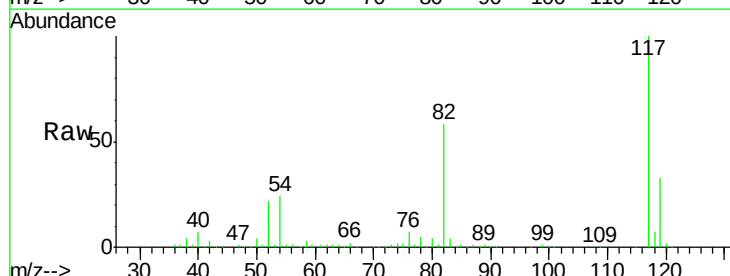
Tgt Ion: 117 Resp: 241005

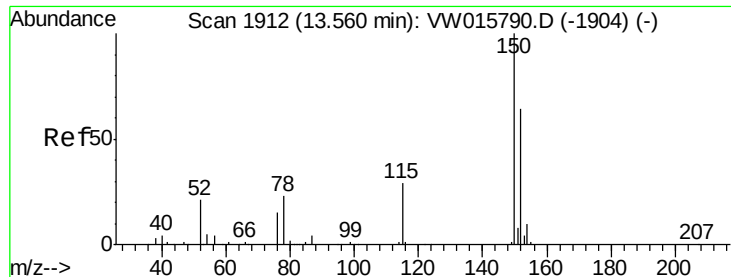
Ion Ratio Lower Upper

117 100

82 57.8 45.5 68.3

119 32.7 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015818.D

Acq: 08 Jul 2020 19:00

Instrument :

MSVOA_W

ClientSampleId :

SU-02-070720RE

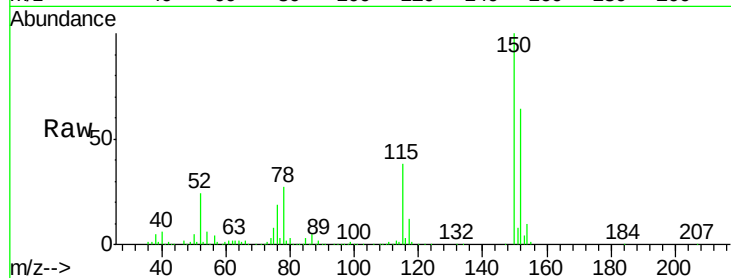
Tot Ion:152 Resp: 89088

Ion Ratio Lower Upper

152 100

115 60.0 29.9 89.7

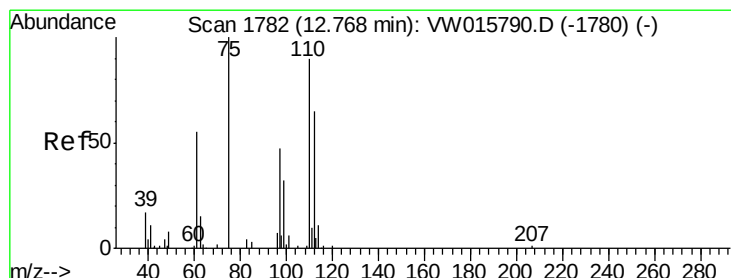
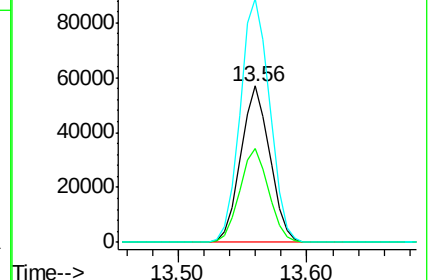
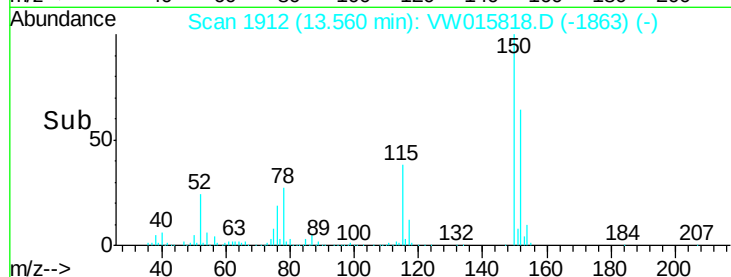
150 158.2 0.0 350.8



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: 70.706 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015818.D

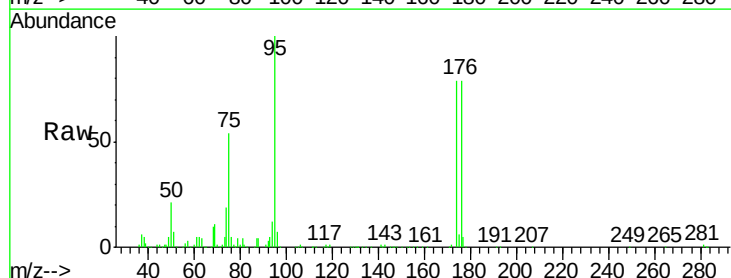
Acq: 08 Jul 2020 19:00

Tgt Ion: 75 Resp: 55360

Ion Ratio Lower Upper

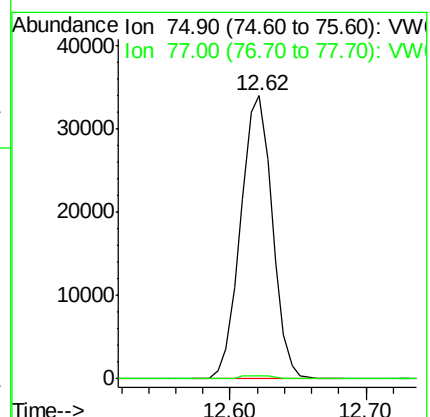
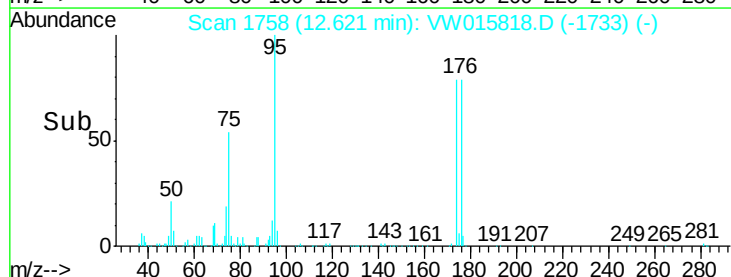
75 100

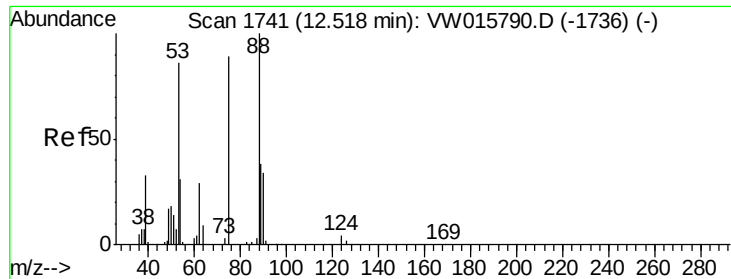
77 1.3 177.3 532.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

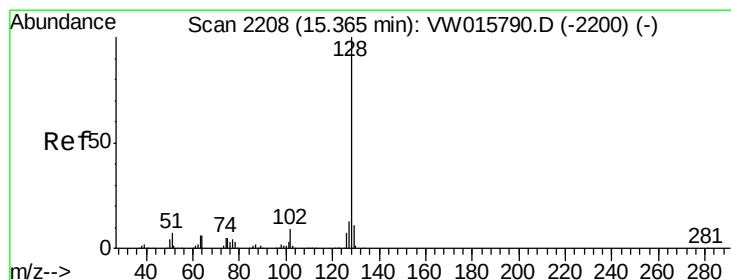
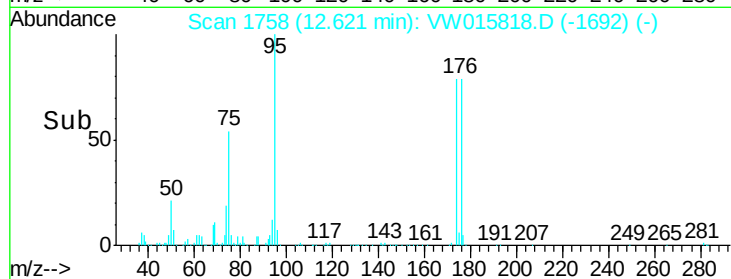
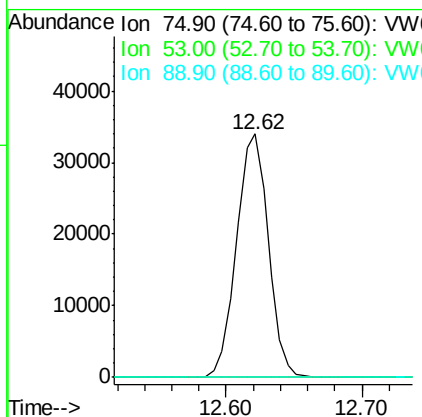
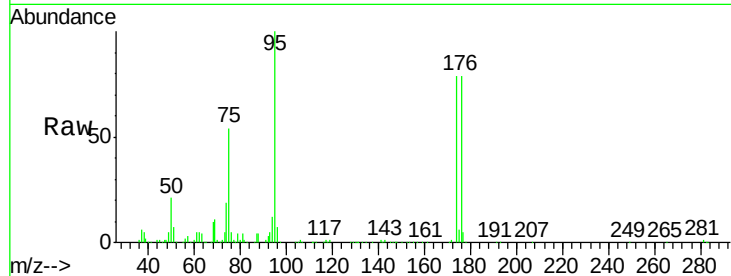




#81
trans-1,4-Dichloro-2-butene
Concen: 152.126 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW015818.D
Acq: 08 Jul 2020 19:00

Instrument :
MSVOA_W
ClientSampleId :
SU-02-070720RE

Tot Ion: 75 Resp: 55360
Ion Ratio Lower Upper
75 100
53 0.0 85.9 128.9#
89 0.0 36.2 54.4#



#95
Naphthalene
Concen: 2.881 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015818.D
Acq: 08 Jul 2020 19:00

Tgt Ion: 128 Resp: 214
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.7 13.1#

