

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015810.D
 Acq On : 08 Jul 2020 15:30
 Operator : SY/VA
 Sample : L3187-01
 Misc : 7.05G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-070720

Quant Time: Jul 09 04:40:24 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	146085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	250732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	213380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	72412	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	91792	61.02	ug/l	0.00
Spiked Amount			Recovery	=	122.04%	
35) Dibromofluoromethane	7.89	113	81186	55.50	ug/l	0.00
Spiked Amount			Recovery	=	111.00%	
50) Toluene-d8	10.32	98	297137	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	
62) 4-Bromofluorobenzene	12.62	95	86406	41.91	ug/l	0.00
Spiked Amount			Recovery	=	83.82%	

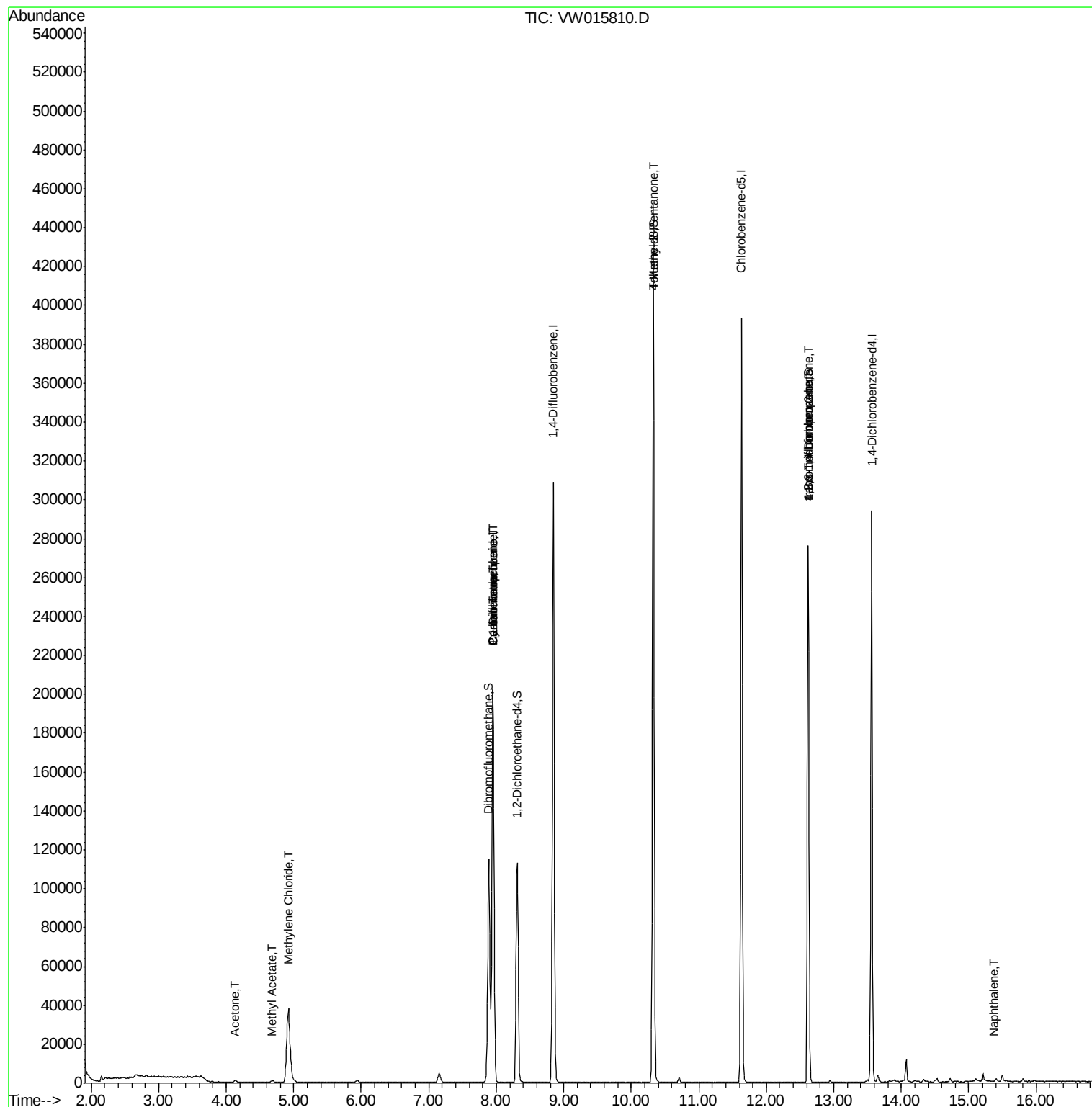
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	1817	6.455	ug/l #	83
18) Methyl Acetate	4.68	43	2233	3.486	ug/l #	88
20) Methylene Chloride	4.92	84	32670	19.846	ug/l	97
31) Cyclohexane	7.95	56	3640	1.398	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	12429	5.029	ug/l #	51
38) Carbon Tetrachloride	7.95	117	14913	6.235	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	1461	1.597	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	46948	73.771	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	46948	158.559	ug/l #	7
95) Naphthalene	15.37	128	430	2.984	ug/l #	69

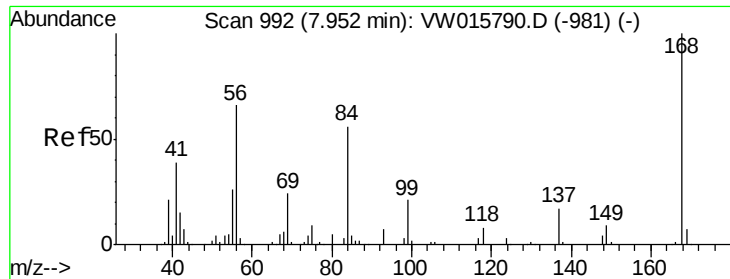
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015810.D

Acq: 08 Jul 2020 15:30

Instrument :

MSVOA_W

ClientSampleId :

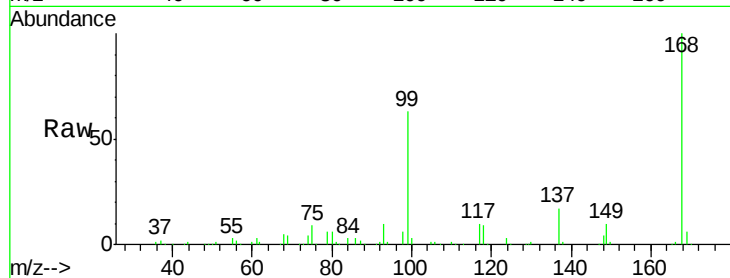
SU-02-070720

Tot Ion:168 Resp: 146085

Ion Ratio Lower Upper

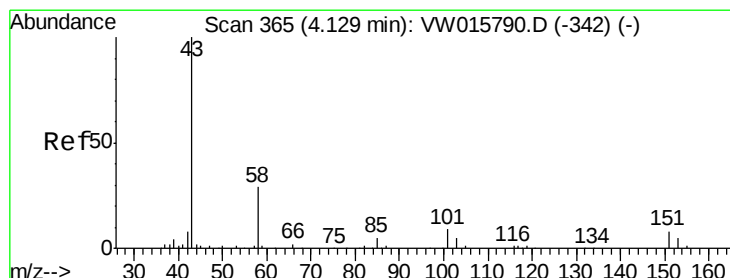
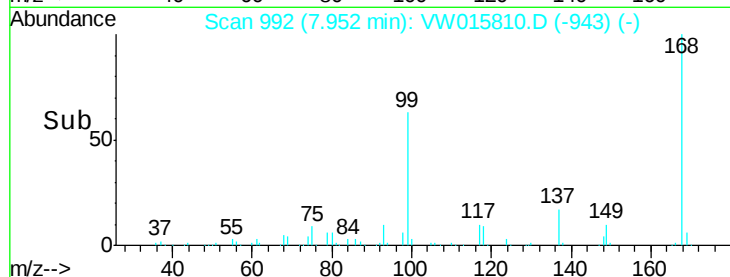
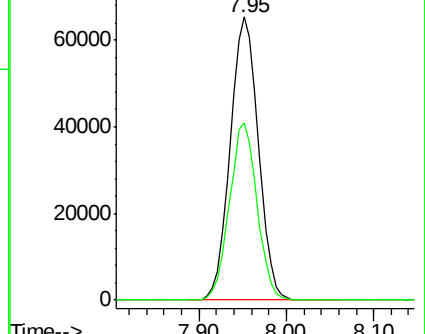
168 100

99 62.5 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: 6.455 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015810.D

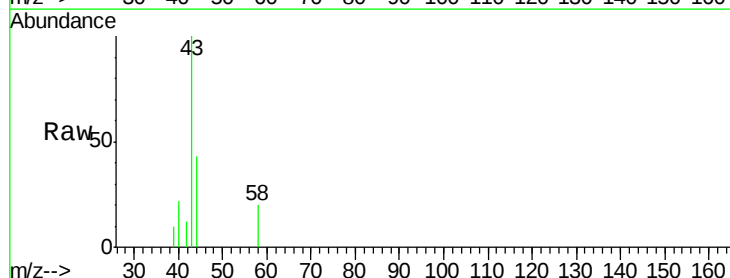
Acq: 08 Jul 2020 15:30

Tgt Ion: 43 Resp: 1817

Ion Ratio Lower Upper

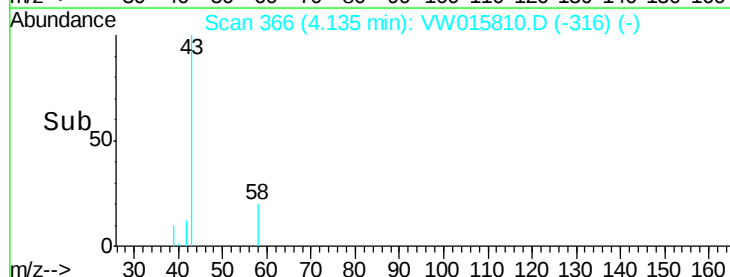
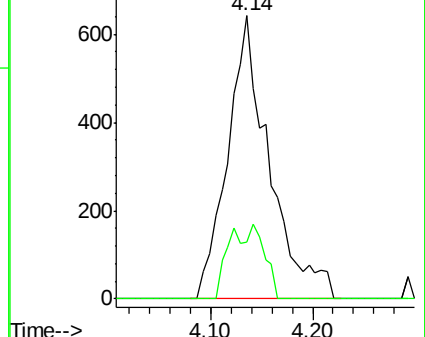
43 100

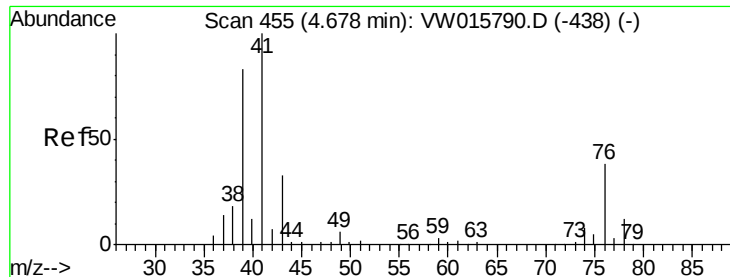
58 20.2 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#18

Methyl Acetate

Concen: 3.486 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW015810.D

Acq: 08 Jul 2020 15:30

Instrument :

MSVOA_W

ClientSampleId :

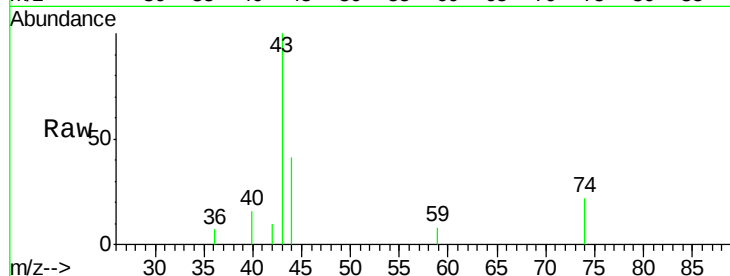
SU-02-070720

Tot Ion: 43 Resp: 2233

Ion Ratio Lower Upper

43 100

74 18.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

800

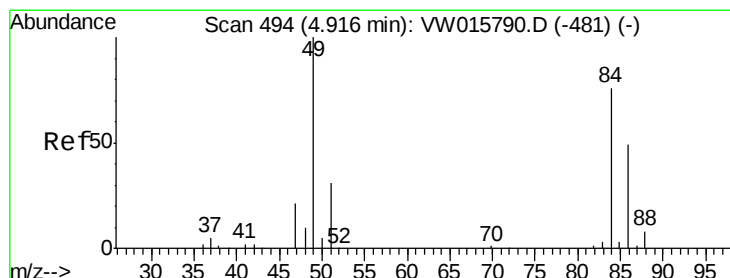
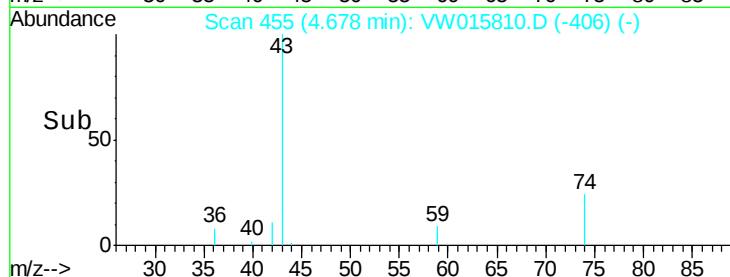
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 19.846 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015810.D

Acq: 08 Jul 2020 15:30

Tgt Ion: 84 Resp: 32670

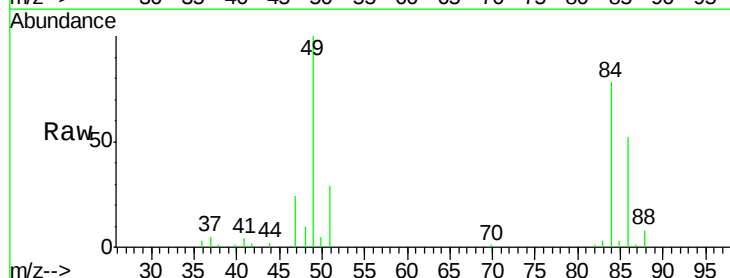
Ion Ratio Lower Upper

84 100

49 128.9 105.0 157.6

51 37.4 32.3 48.5

86 67.3 51.2 76.8



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

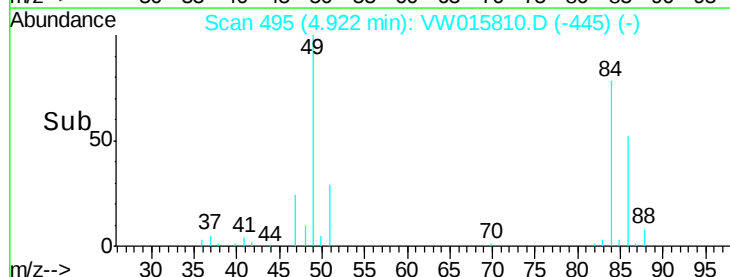
15000

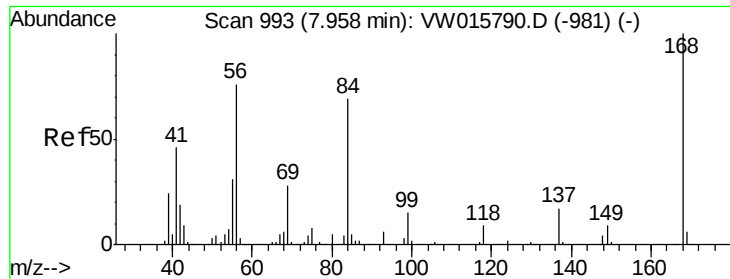
10000

5000

0

Time-->

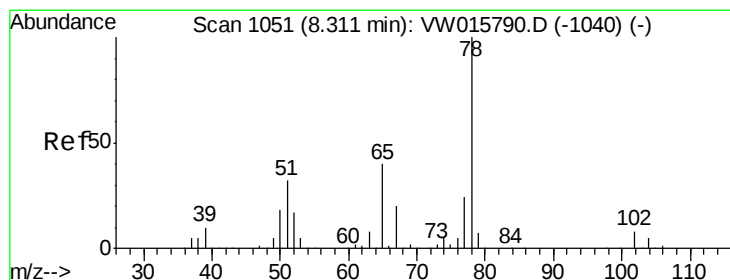
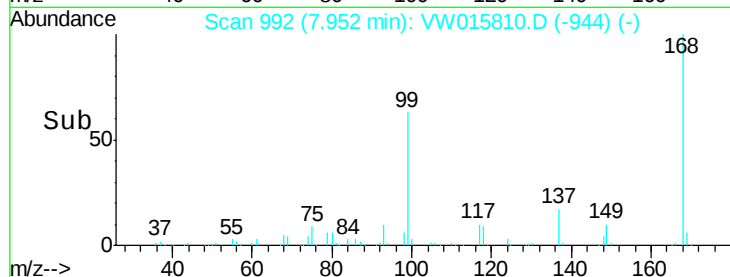
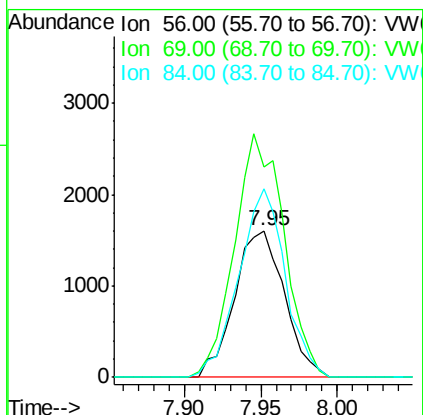
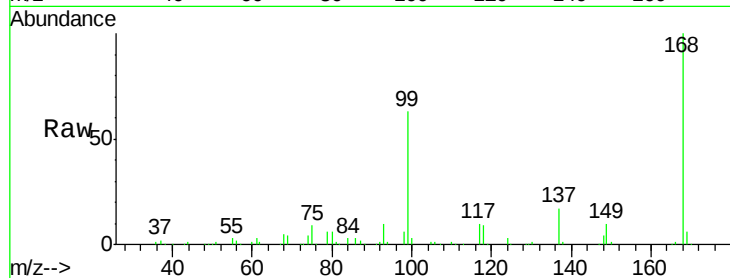




#31
Cyclohexane
Concen: 1.398 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015810.D
Acq: 08 Jul 2020 15:30

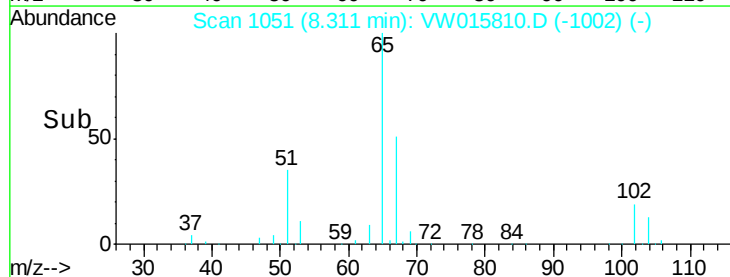
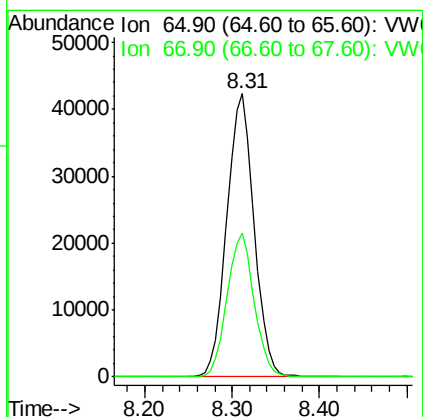
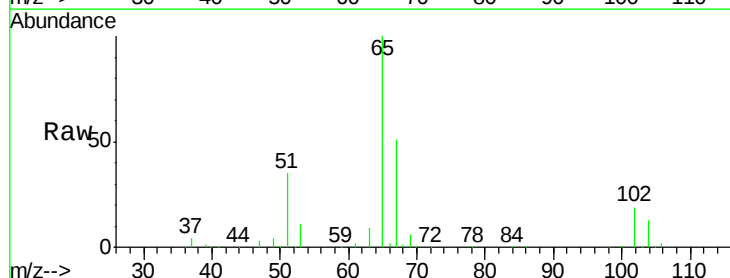
Instrument :
MSVOA_W
ClientSampleId :
SU-02-070720

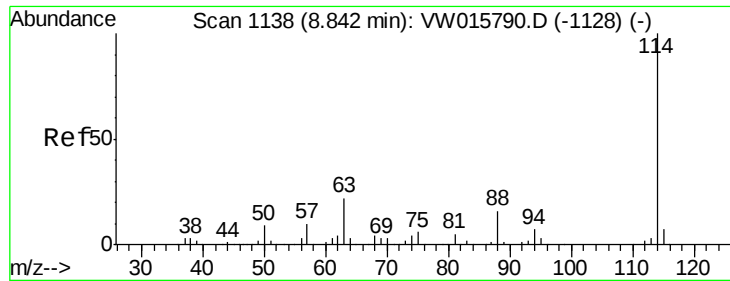
Tot Ion: 56 Resp: 3640
Ion Ratio Lower Upper
56 100
69 144.0 28.9 43.3#
84 129.0 72.2 108.4#



#33
1,2-Dichloroethane-d4
Concen: 61.019 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW015810.D
Acq: 08 Jul 2020 15:30

Tgt Ion: 65 Resp: 91792
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.4

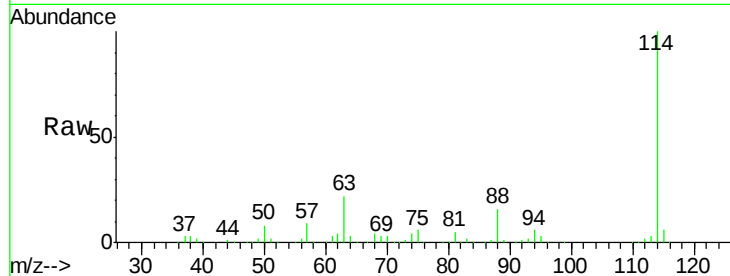




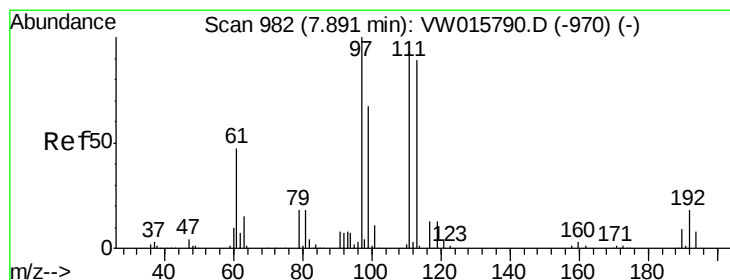
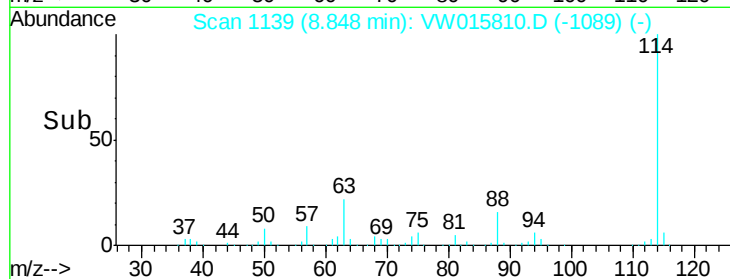
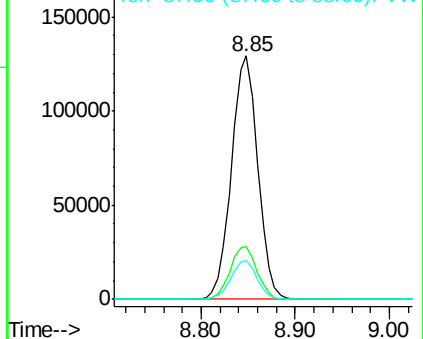
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015810.D
 Acq: 08 Jul 2020 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-070720

Tot Ion:114 Resp: 250732
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.4
 88 15.8 0.0 32.6

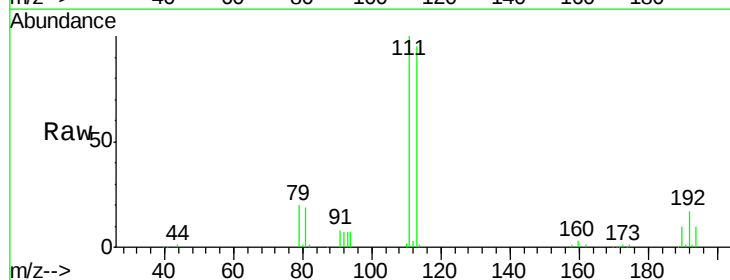


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

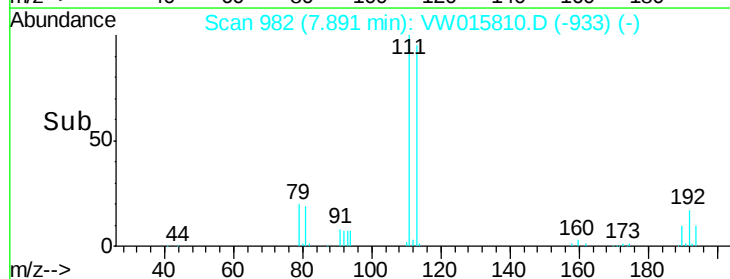
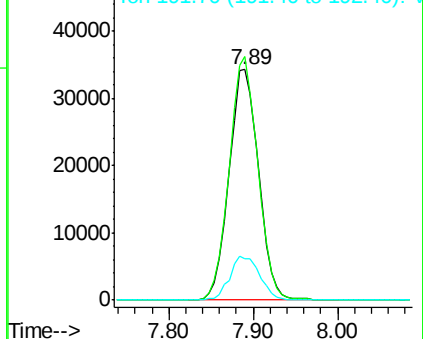


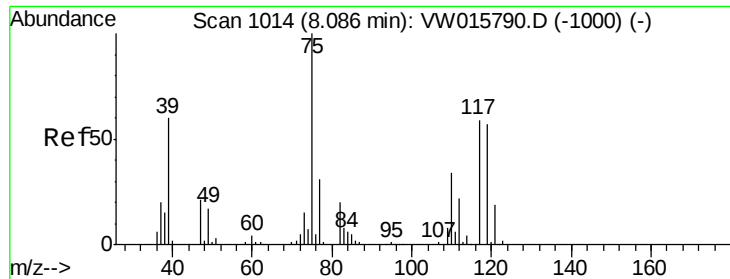
#35
 Dibromofluoromethane
 Concen: 55.500 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW015810.D
 Acq: 08 Jul 2020 15:30

Tgt Ion:113 Resp: 81186
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 19.1 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

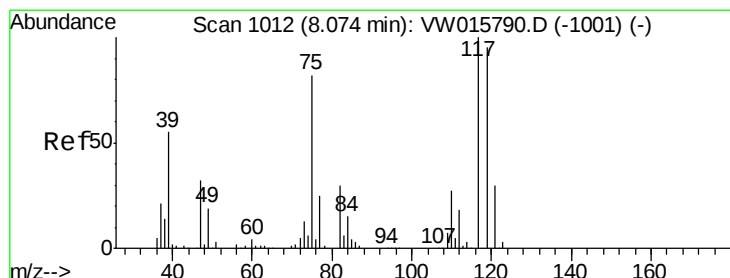
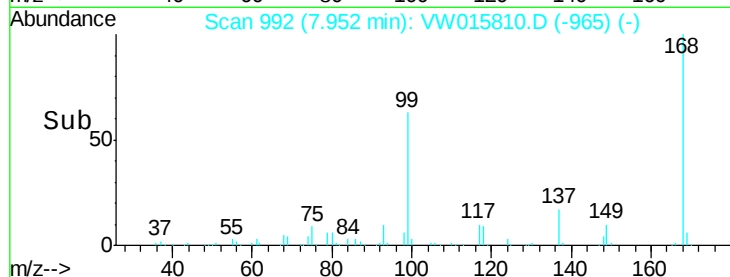
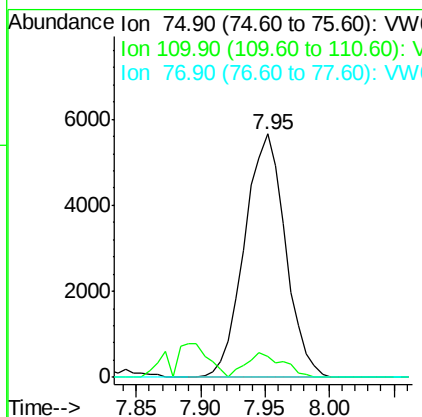
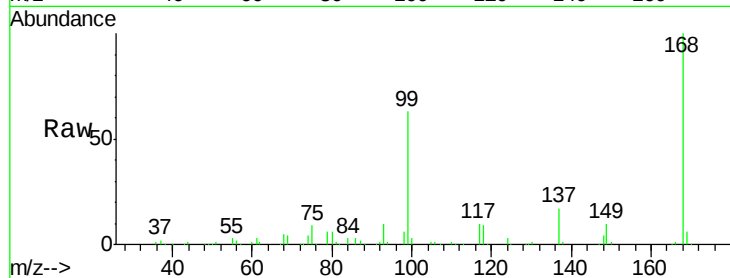




#36
 1,1-Dichloropropene
 Concen: 5.029 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015810.D
 Acq: 08 Jul 2020 15:30

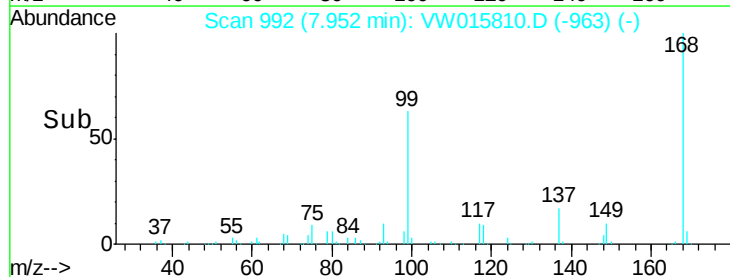
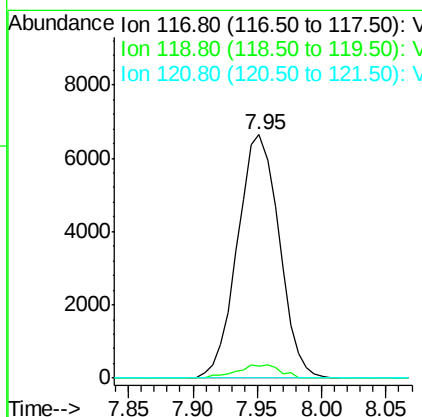
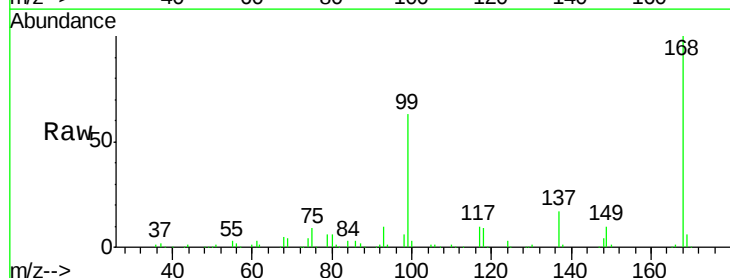
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-070720

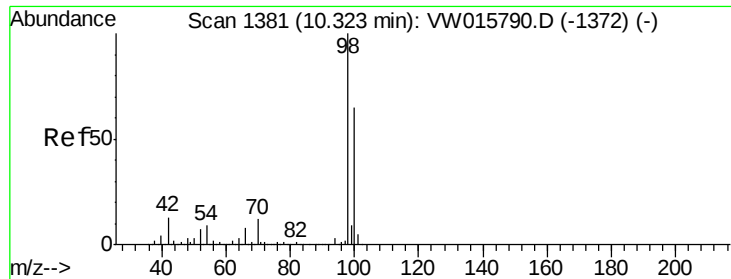
Tot Ion: 75 Resp: 12429
 Ion Ratio Lower Upper
 75 100
 110 9.0 16.8 50.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.235 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015810.D
 Acq: 08 Jul 2020 15:30

Tgt Ion: 117 Resp: 14913
 Ion Ratio Lower Upper
 117 100
 119 4.9 76.3 114.5#
 121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 52.882 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015810.D

Acq: 08 Jul 2020 15:30

Instrument :

MSVOA_W

ClientSampleId :

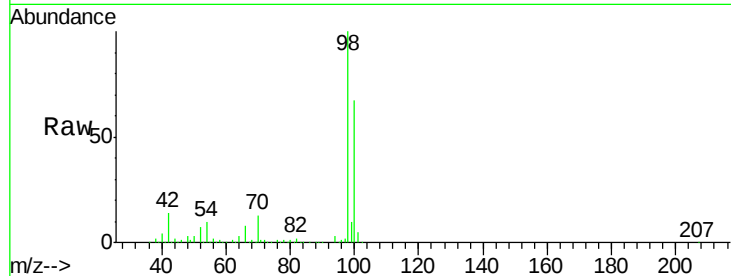
SU-02-070720

Tot Ion: 98 Resp: 297137

Ion Ratio Lower Upper

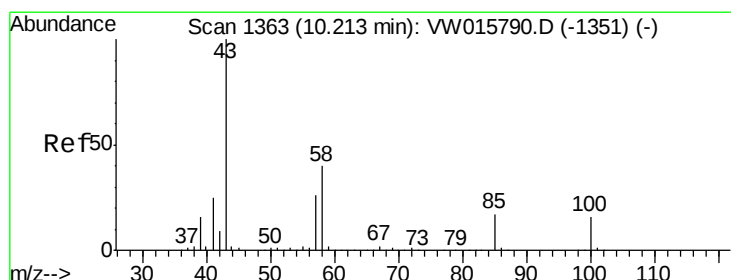
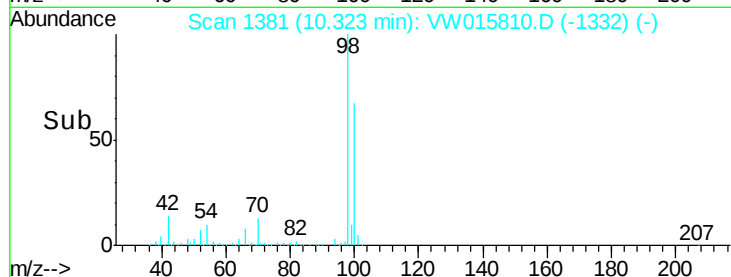
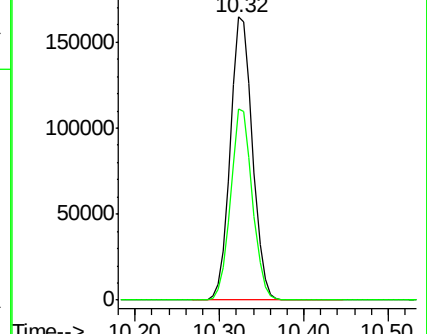
98 100

100 66.1 52.6 79.0



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: 1.597 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW015810.D

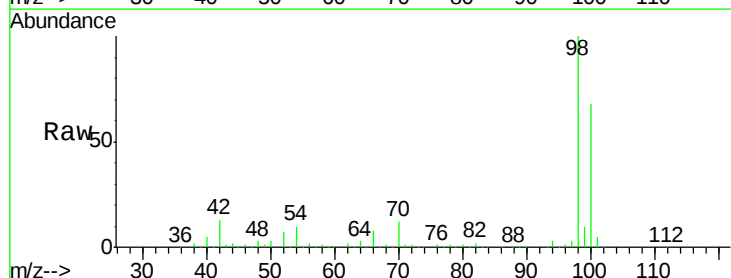
Acq: 08 Jul 2020 15:30

Tgt Ion: 43 Resp: 1461

Ion Ratio Lower Upper

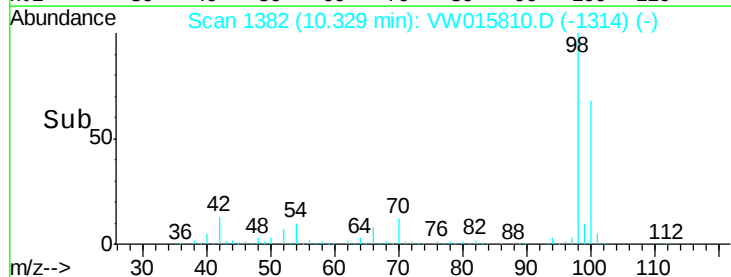
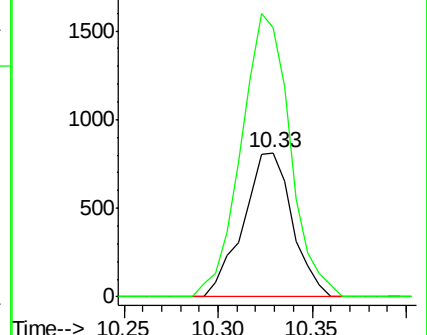
43 100

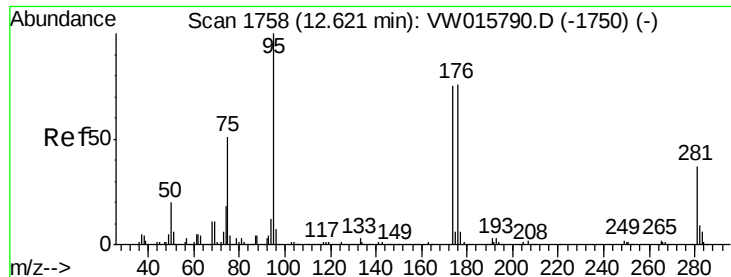
58 197.0 30.9 46.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 41.908 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015810.D

Acq: 08 Jul 2020 15:30

Instrument :

MSVOA_W

ClientSampleId :

SU-02-070720

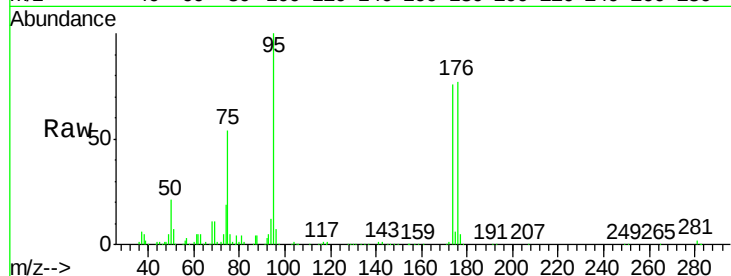
Tot Ion: 95 Resp: 86406

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.2

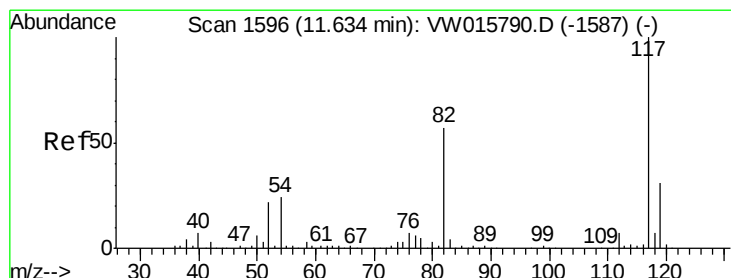
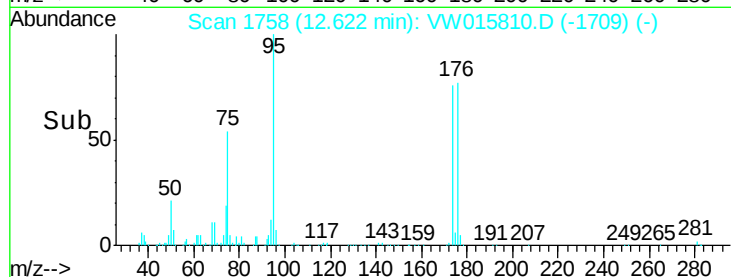
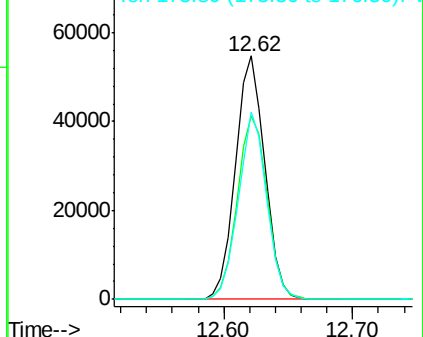
176 74.0 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015810.D

Acq: 08 Jul 2020 15:30

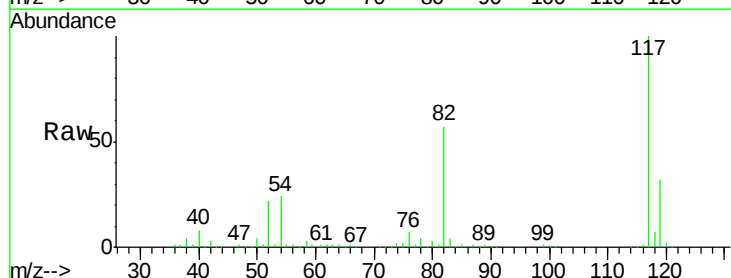
Tgt Ion: 117 Resp: 213380

Ion Ratio Lower Upper

117 100

82 56.8 45.5 68.3

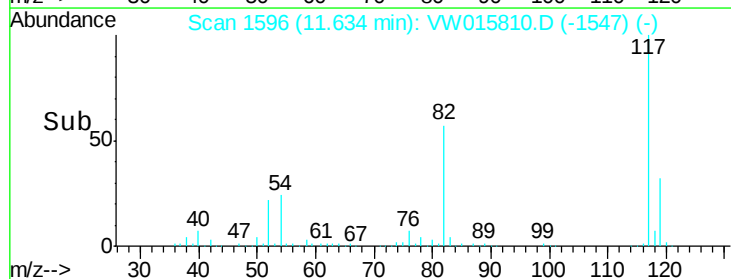
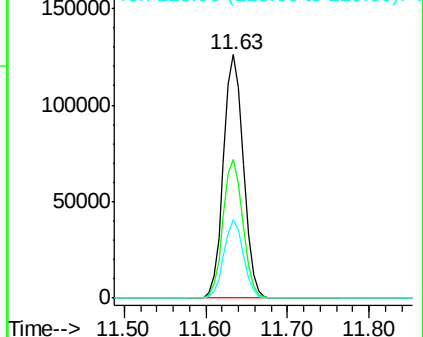
119 32.0 25.0 37.6

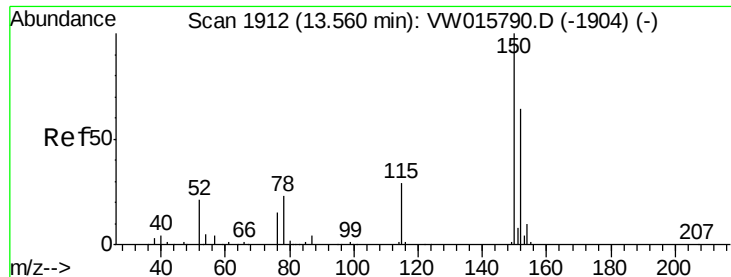


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015810.D

Acq: 08 Jul 2020 15:30

Instrument :

MSVOA_W

ClientSampleId :

SU-02-070720

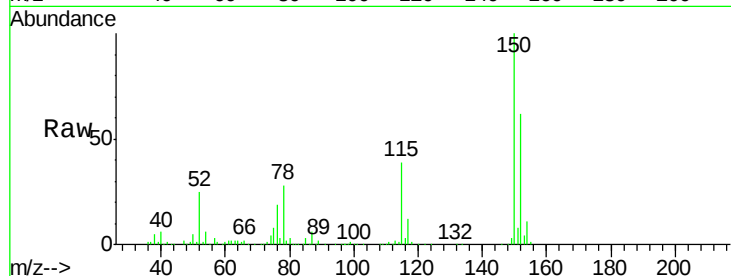
Tot Ion:152 Resp: 72412

Ion Ratio Lower Upper

152 100

115 59.9 29.9 89.7

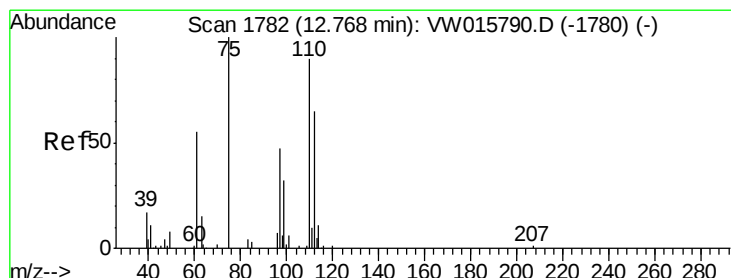
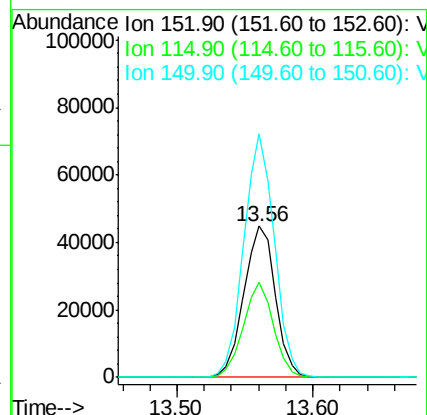
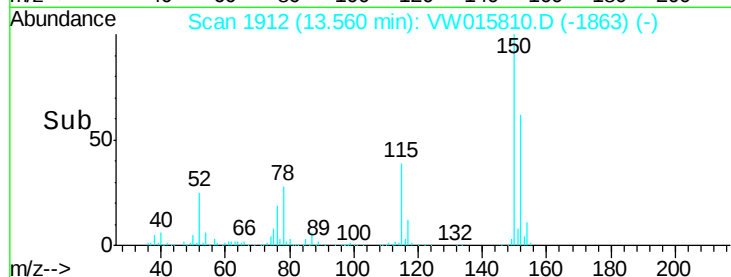
150 156.5 0.0 350.8



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: 73.771 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015810.D

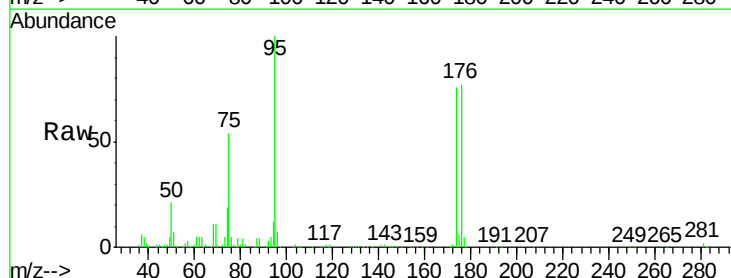
Acq: 08 Jul 2020 15:30

Tgt Ion: 75 Resp: 46948

Ion Ratio Lower Upper

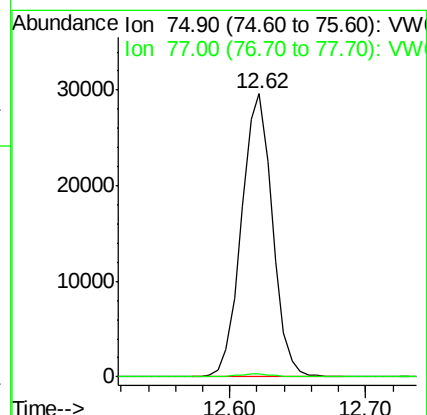
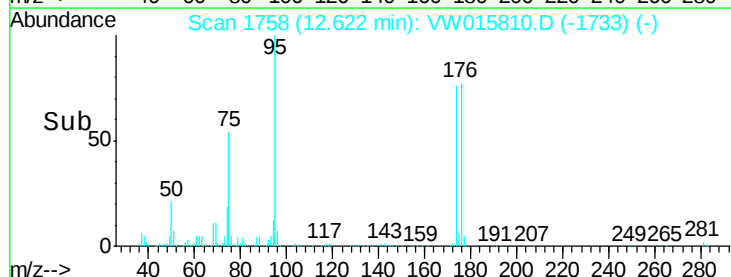
75 100

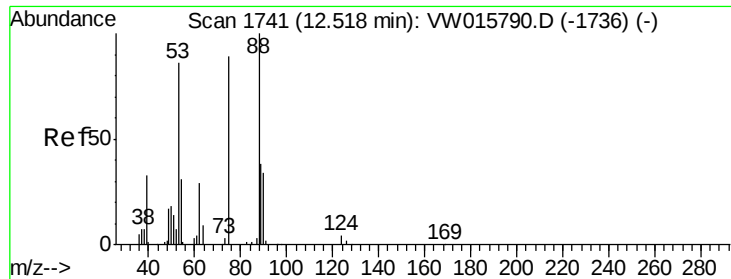
77 1.2 177.3 532.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

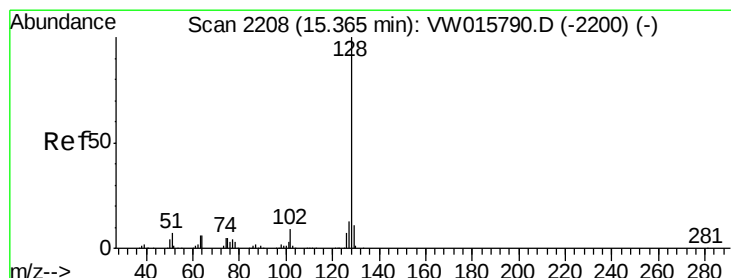
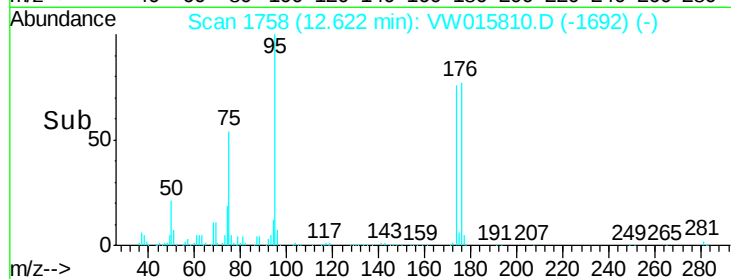
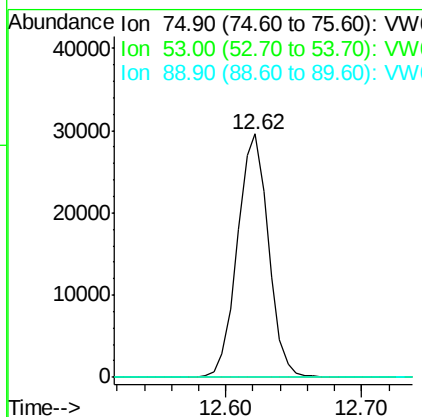
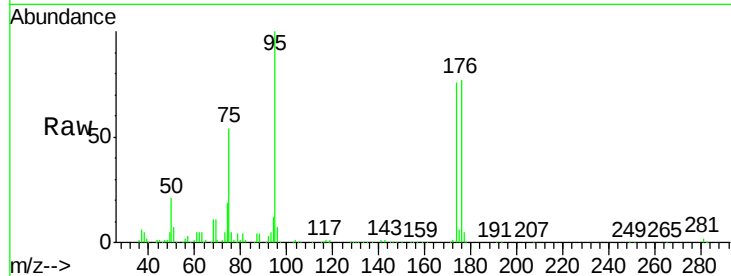




#81
trans-1,4-Dichloro-2-butene
Concen: 158.559 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW015810.D
Acq: 08 Jul 2020 15:30

Instrument :
MSVOA_W
ClientSampleId :
SU-02-070720

Tot Ion: 75 Resp: 46948
Ion Ratio Lower Upper
75 100
53 0.0 85.9 128.9#
89 0.0 36.2 54.4#



#95
Naphthalene
Concen: 2.984 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015810.D
Acq: 08 Jul 2020 15:30

Tgt Ion: 128 Resp: 430
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.7 13.1#

