

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015729.D
 Acq On : 25 Jun 2020 15:23
 Operator : SY/VA
 Sample : L2817-11RE
 Misc : 8.61G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-062420RE

Quant Time: Jun 26 01:42:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	165329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	278216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	254151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	106646	57.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.96%	
35) Dibromofluoromethane	7.88	113	87606	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	10.33	98	341258	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.62	95	117877	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds

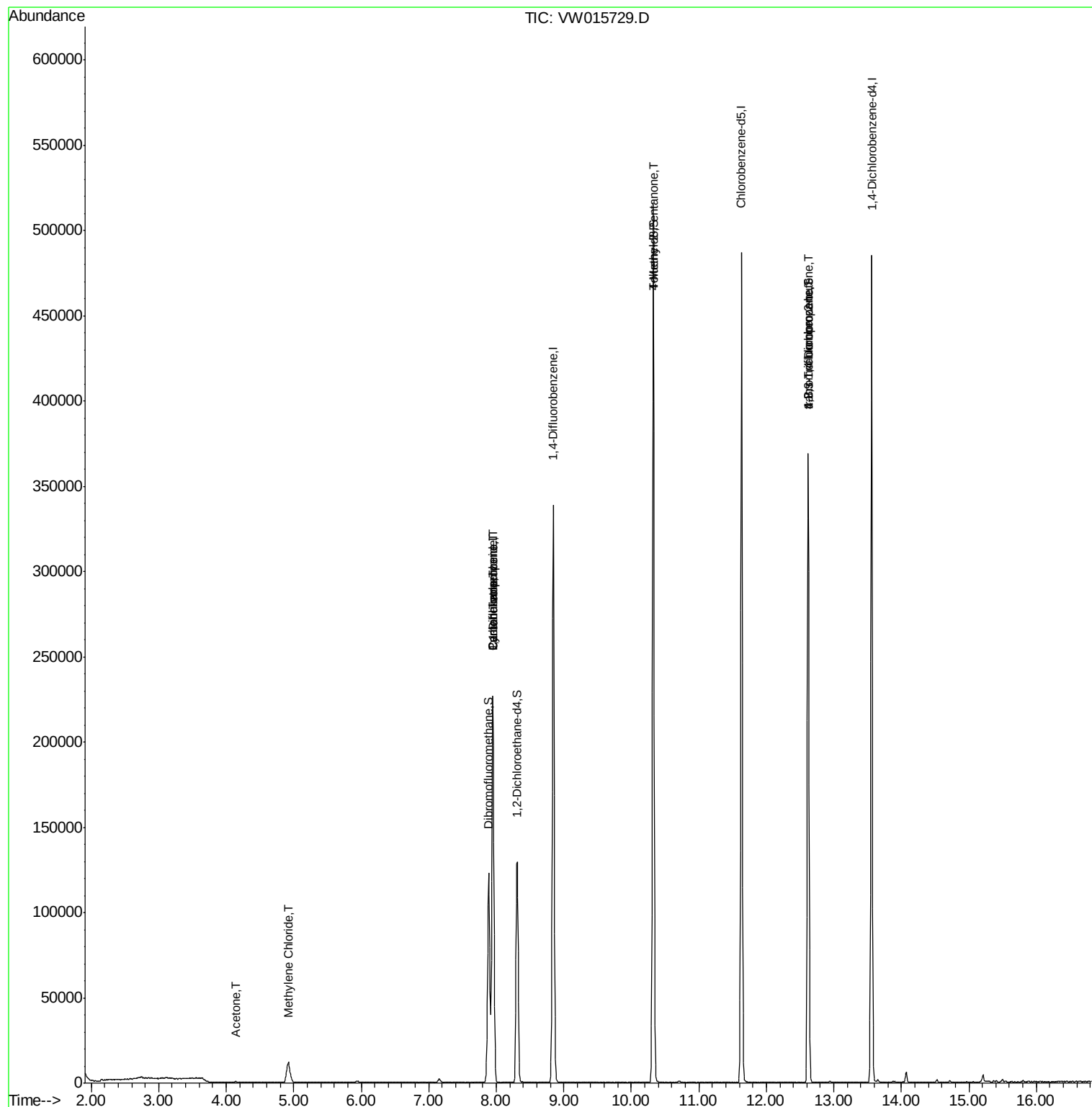
	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	1036	2.963	ug/l	100
18) Methyl Acetate	4.67	43	345	Below Cal	#	52
20) Methylene Chloride	4.92	84	10445	1.733	ug/l	97
31) Cyclohexane	7.95	56	3869	1.221	ug/l #	25
36) 1,1-Dichloropropene	7.95	75	13640	4.714	ug/l #	50
38) Carbon Tetrachloride	7.95	117	16862	6.011	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	1643	1.545	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	64737	60.057	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	64737	151.346	ug/l #	8

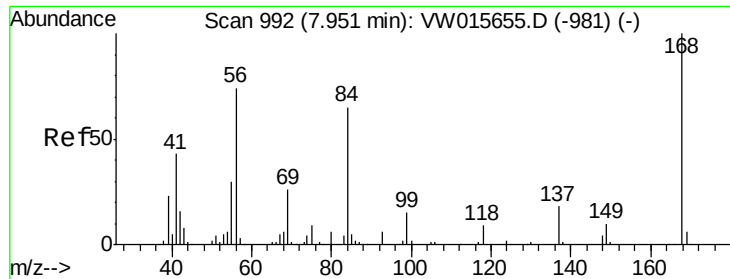
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 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: VW015729.D

Acq: 25 Jun 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

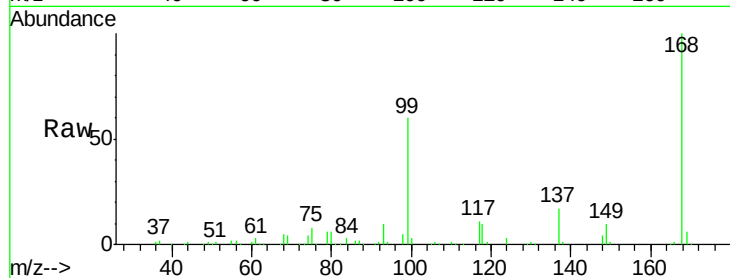
SU-01-062420RE

Tot Ion:168 Resp: 165329

Ion Ratio Lower Upper

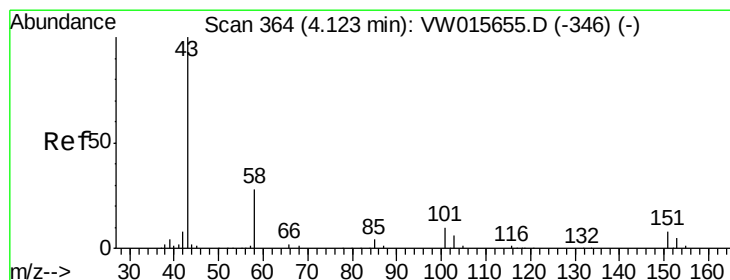
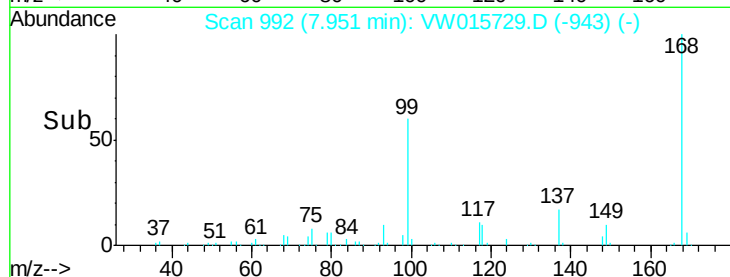
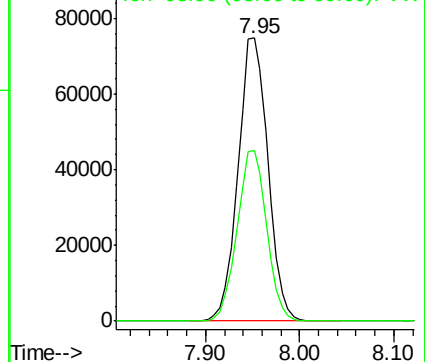
168 100

99 60.3 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 2.963 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015729.D

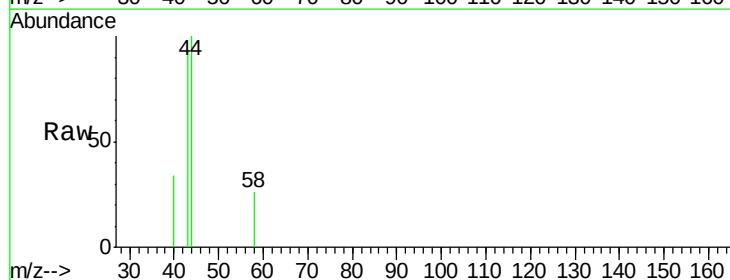
Acq: 25 Jun 2020 15:23

Tgt Ion: 43 Resp: 1036

Ion Ratio Lower Upper

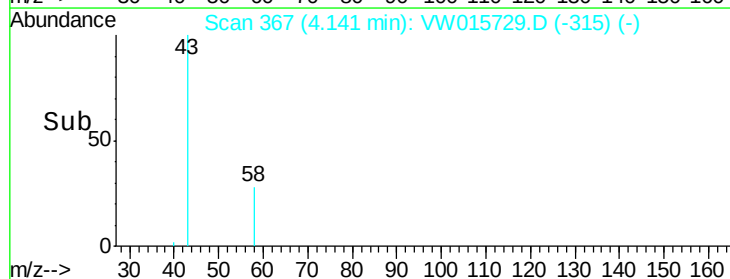
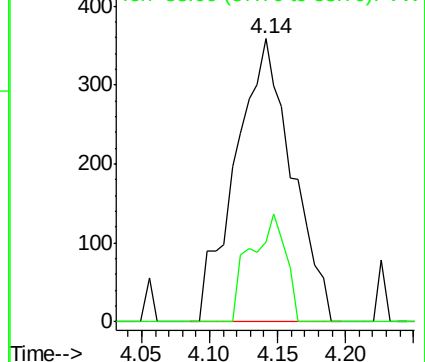
43 100

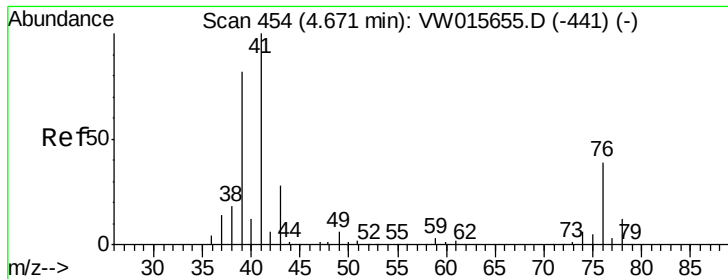
58 28.2 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#18

Methyl Acetate

Concen: Below Cal

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015729.D

Acq: 25 Jun 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

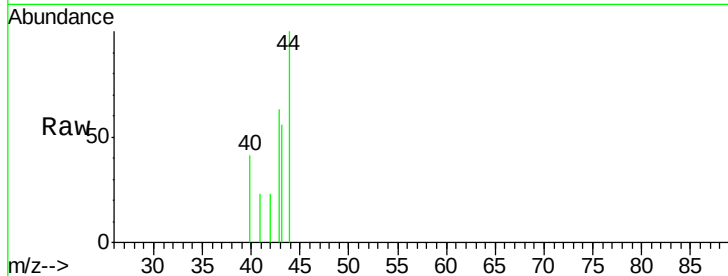
SU-01-062420RE

Tot Ion: 43 Resp: 345

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

250

200

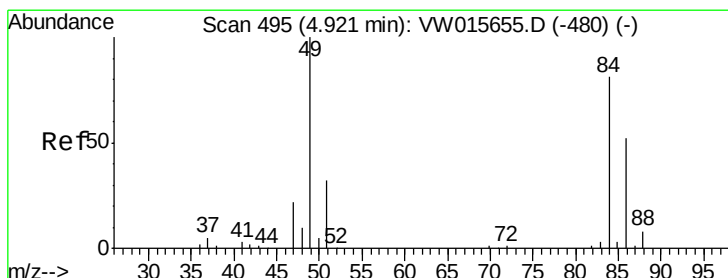
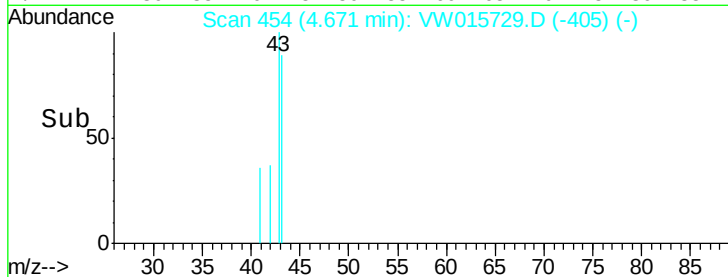
150

100

50

0

Time--> 4.62 4.64 4.66 4.68



#20

Methylene Chloride

Concen: 1.733 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015729.D

Acq: 25 Jun 2020 15:23

Tgt Ion: 84 Resp: 10445

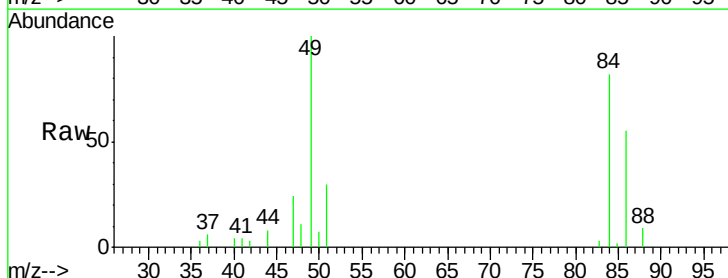
Ion Ratio Lower Upper

84 100

49 121.2 99.3 148.9

51 36.6 31.8 47.6

86 66.2 51.7 77.5



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

5000

4000

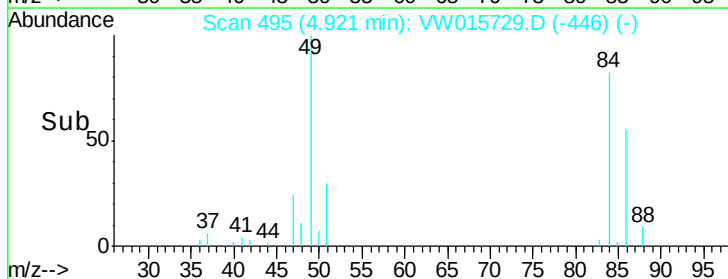
3000

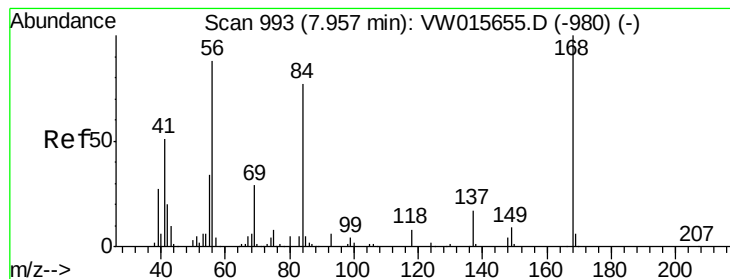
2000

1000

0

Time--> 4.80 4.90 5.00





#31

Cyclohexane

Concen: 1.221 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015729.D

Acq: 25 Jun 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

SU-01-062420RE

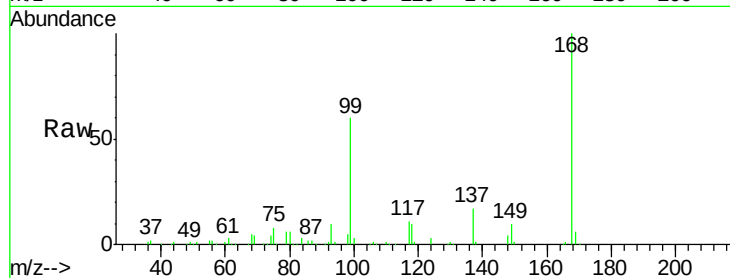
Tot Ion: 56 Resp: 3869

Ion Ratio Lower Upper

56 100

69 157.6 26.2 39.4#

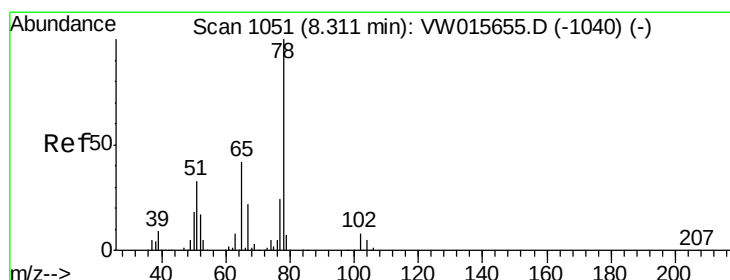
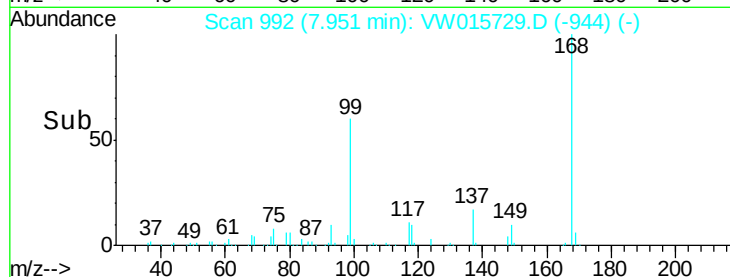
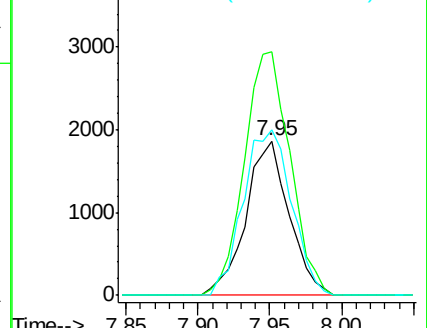
84 107.6 70.4 105.6#



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: 57.975 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015729.D

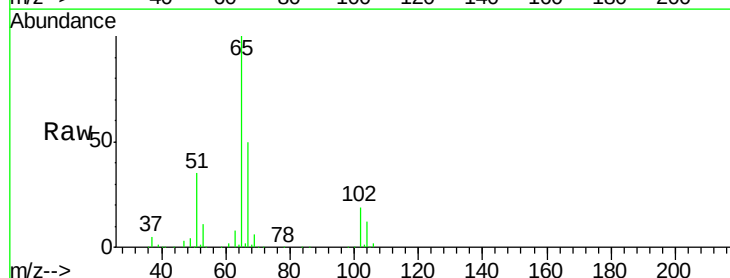
Acq: 25 Jun 2020 15:23

Tgt Ion: 65 Resp: 106646

Ion Ratio Lower Upper

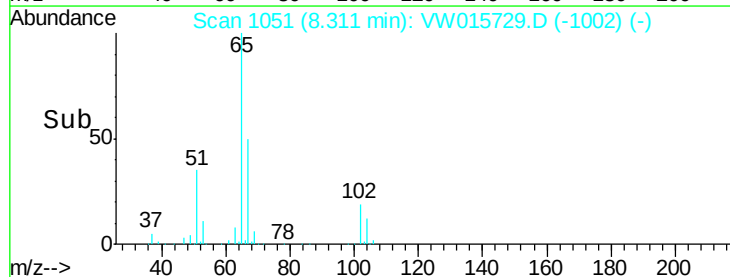
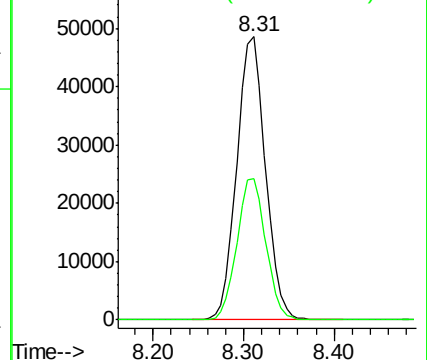
65 100

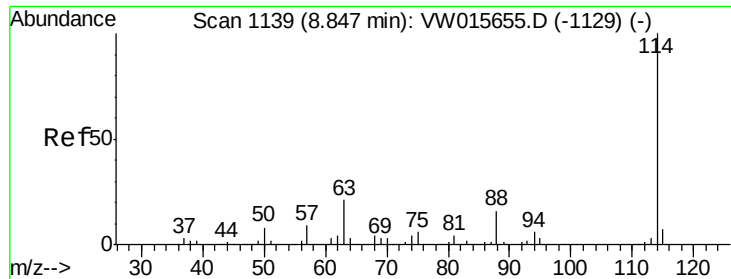
67 50.4 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

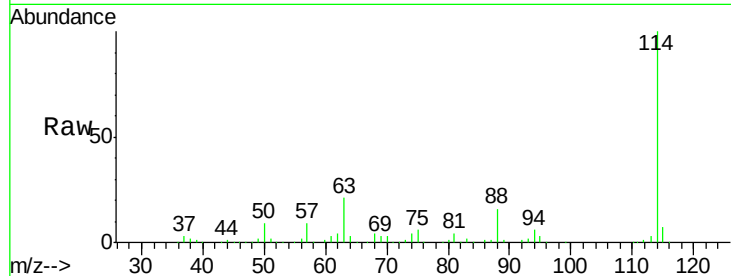




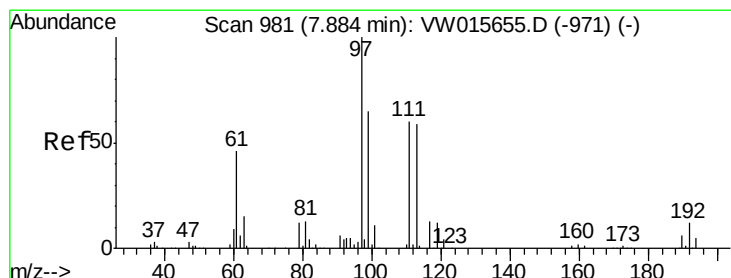
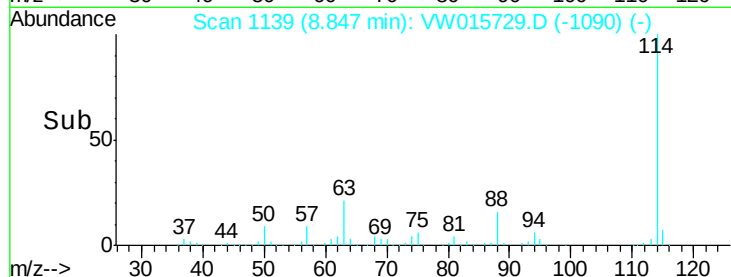
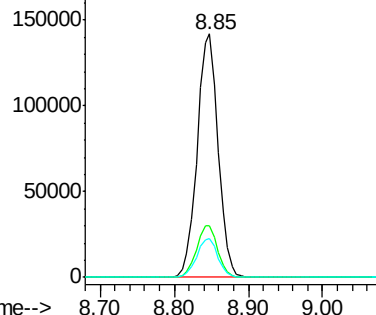
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW015729.D
Acq: 25 Jun 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
SU-01-062420RE

Tot Ion:114 Resp: 278216
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 16.0 0.0 32.6

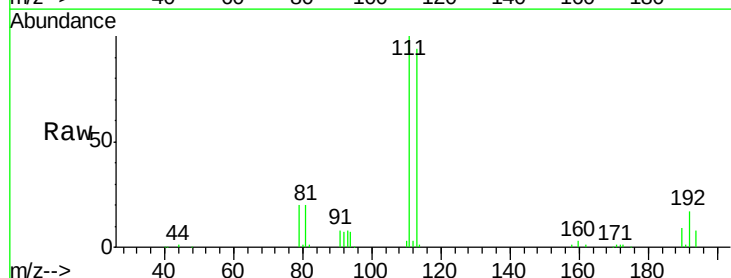


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

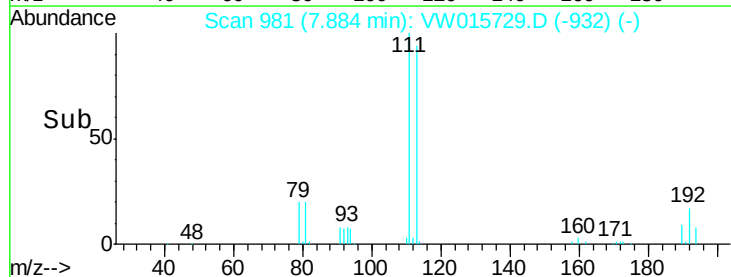
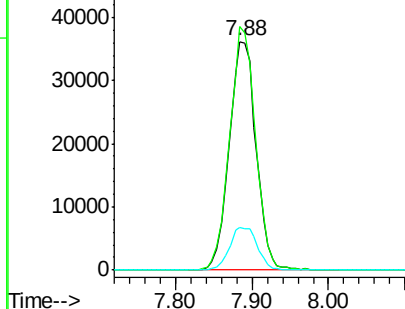


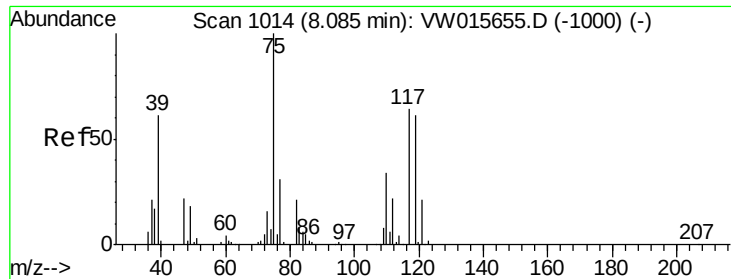
#35
Dibromofluoromethane
Concen: 50.059 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015729.D
Acq: 25 Jun 2020 15:23

Tgt Ion:113 Resp: 87606
Ion Ratio Lower Upper
113 100
111 102.9 82.3 123.5
192 19.3 16.4 24.6



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

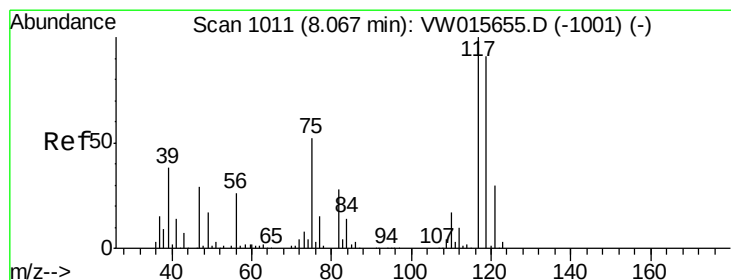
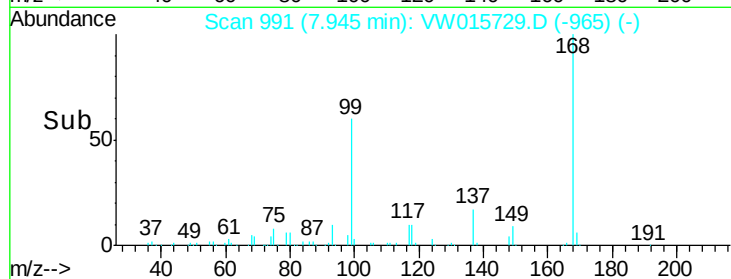
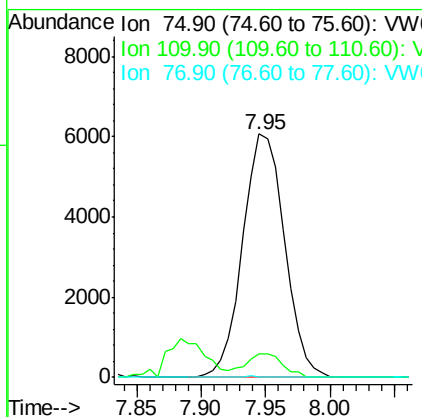
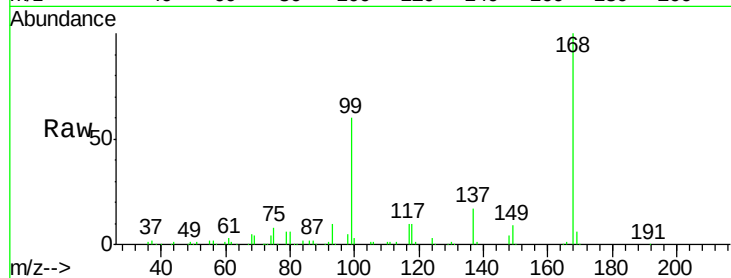




#36
 1,1-Dichloropropene
 Concen: 4.714 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015729.D
 Acq: 25 Jun 2020 15:23

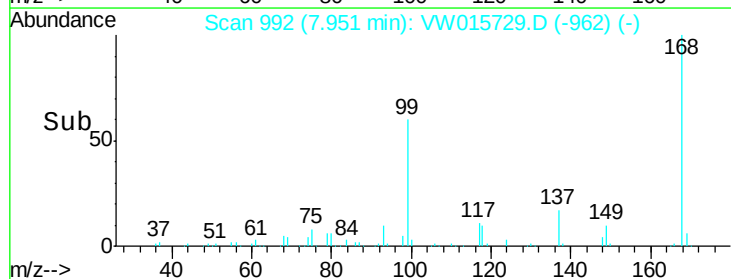
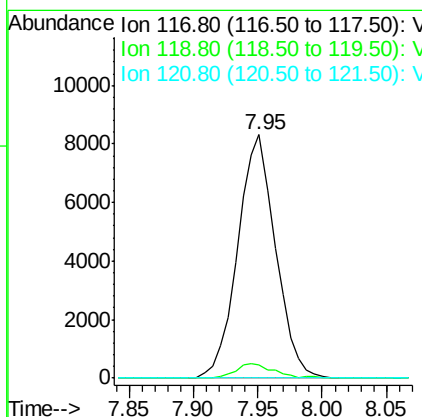
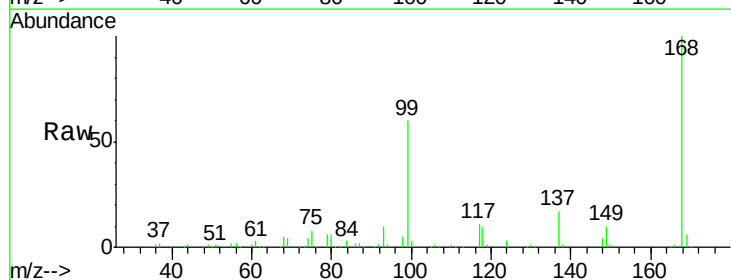
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-01-062420RE

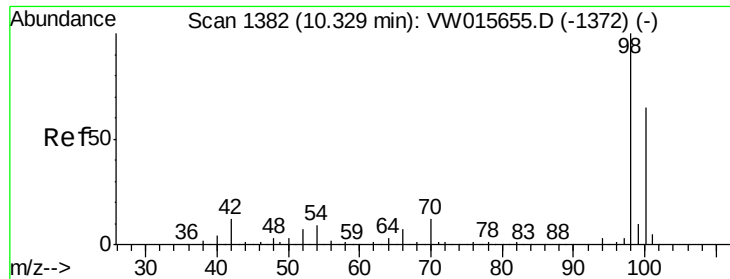
Tot Ion	75	Resp	13640
Ion Ratio	Lower	Upper	
75	100		
110	8.7	17.0	51.0#
77	0.1	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.011 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015729.D
 Acq: 25 Jun 2020 15:23

Tgt Ion	117	Resp	16862
Ion Ratio	Lower	Upper	
117	100		
119	5.5	73.2	109.8#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 49.550 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW015729.D

Acq: 25 Jun 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

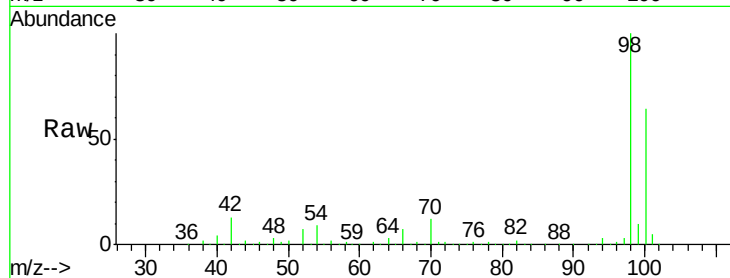
SU-01-062420RE

Tot Ion: 98 Resp: 341258

Ion Ratio Lower Upper

98 100

100 65.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

200000

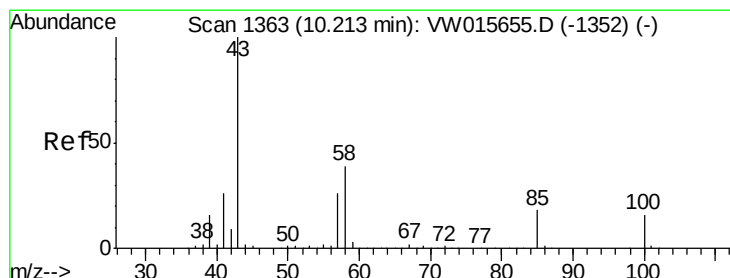
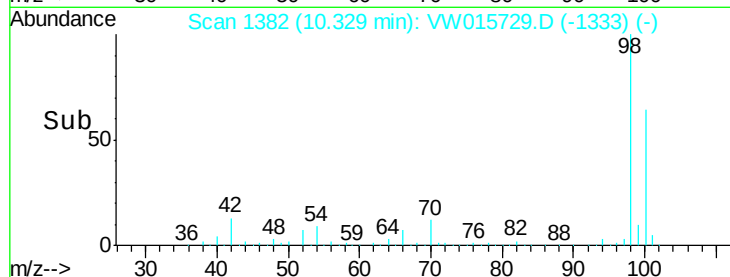
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.545 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015729.D

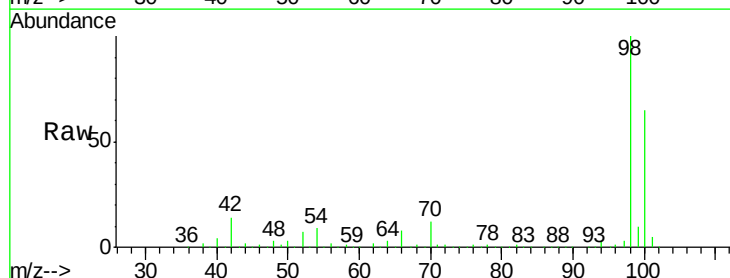
Acq: 25 Jun 2020 15:23

Tgt Ion: 43 Resp: 1643

Ion Ratio Lower Upper

43 100

58 178.2 31.2 46.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.32

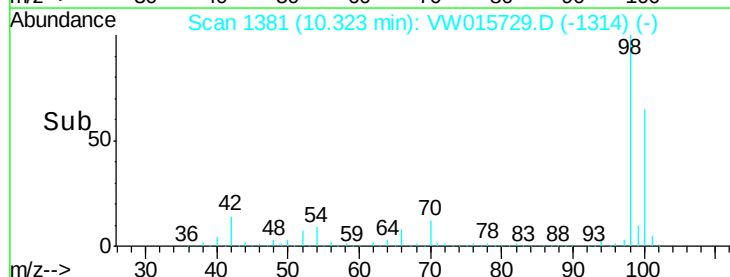
1500

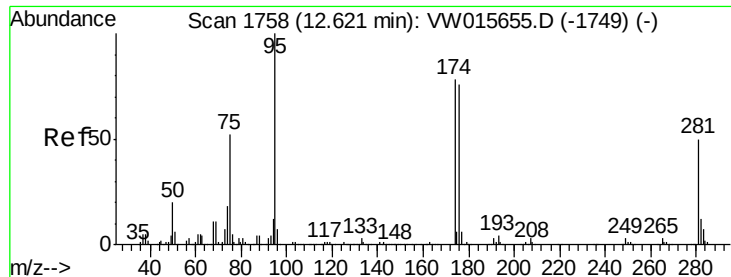
1000

500

0

Time-->

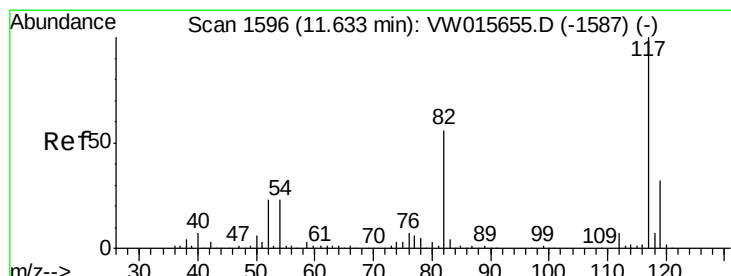
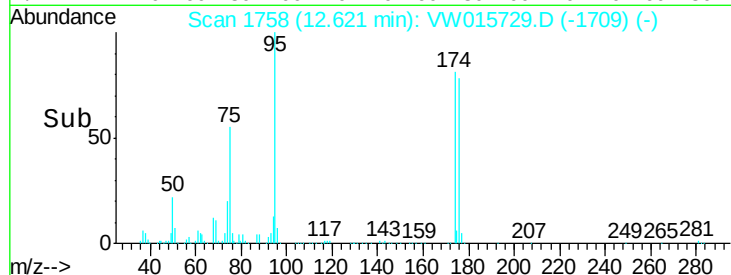
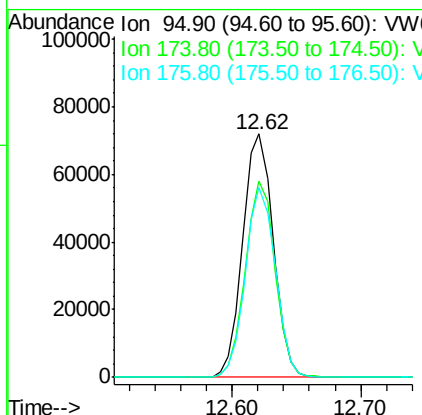
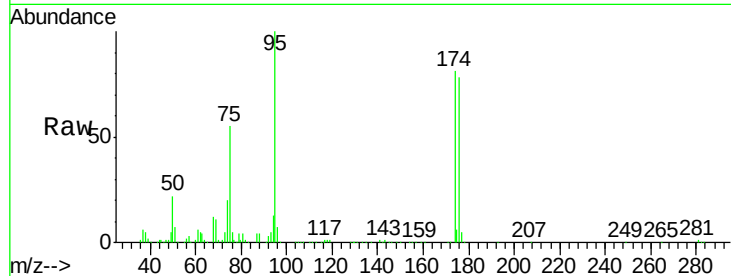




#62
4-Bromofluorobenzene
Concen: 46.475 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015729.D
Acq: 25 Jun 2020 15:23

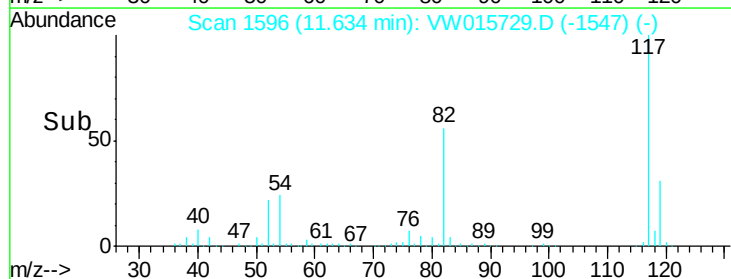
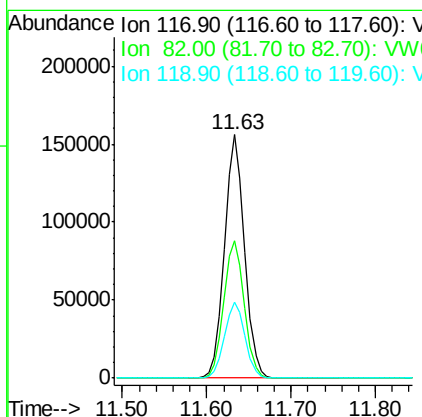
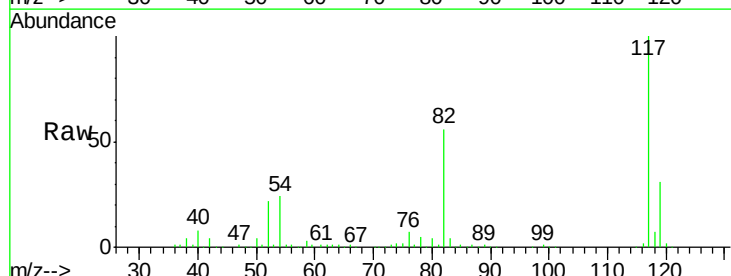
Instrument :
MSVOA_W
ClientSampleId :
SU-01-062420RE

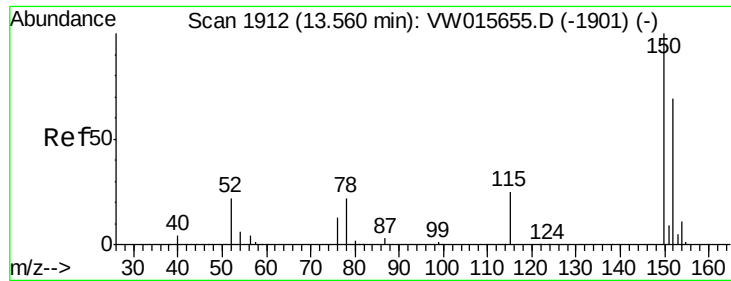
Tot Ion: 95 Resp: 117877
Ion Ratio Lower Upper
95 100
174 78.5 0.0 157.0
176 76.6 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015729.D
Acq: 25 Jun 2020 15:23

Tgt Ion: 117 Resp: 254151
Ion Ratio Lower Upper
117 100
82 56.2 45.1 67.7
119 31.4 25.8 38.8



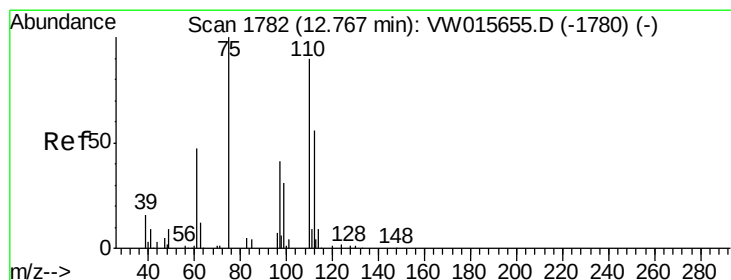
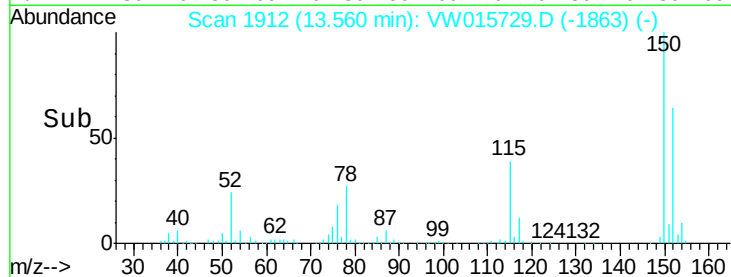
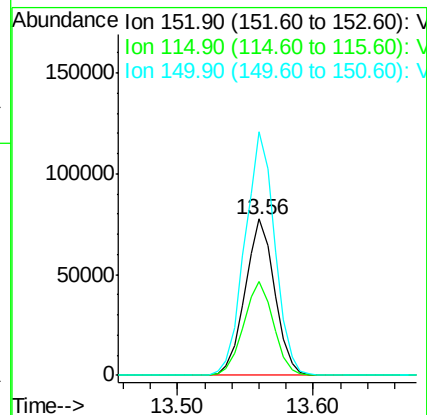
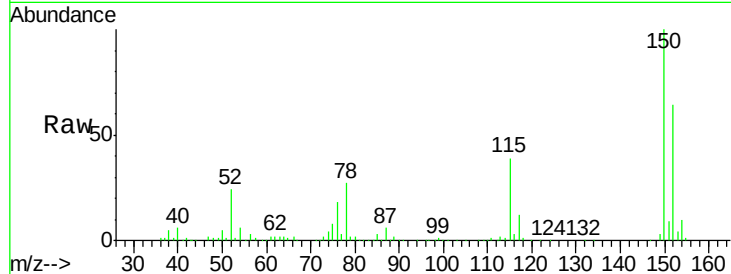


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015729.D
Acq: 25 Jun 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
SU-01-062420RE

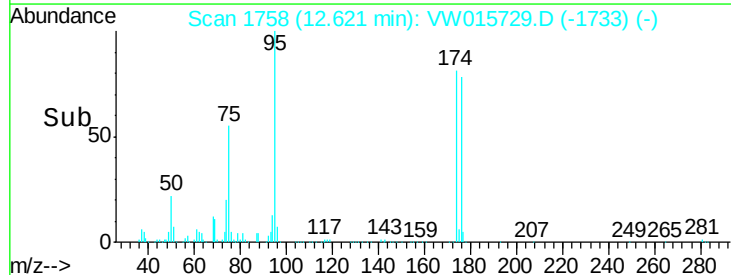
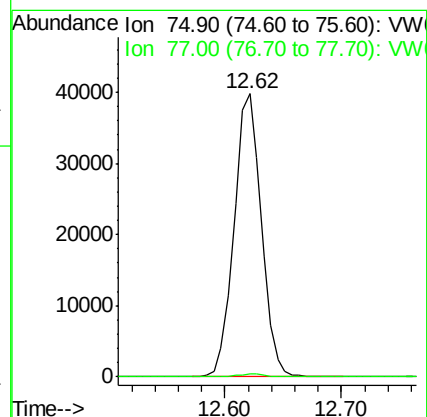
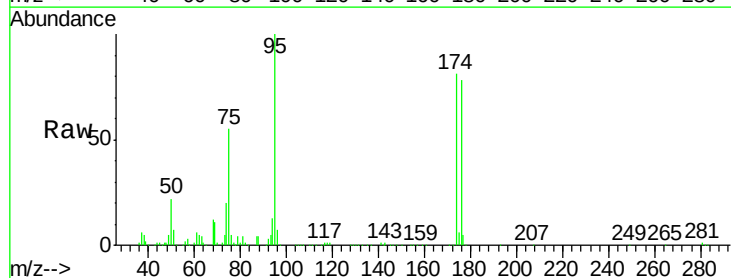
Tot Ion:152 Resp: 118174
Ion Ratio Lower Upper
152 100
115 60.4 30.1 90.5
150 157.1 0.0 345.6

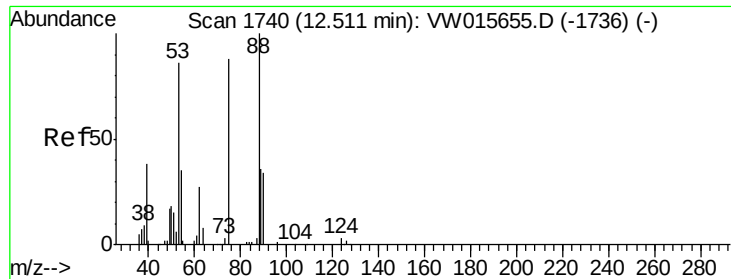


#76

1,2,3-Trichloropropane
Concen: 60.057 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW015729.D
Acq: 25 Jun 2020 15:23

Tgt Ion: 75 Resp: 64737
Ion Ratio Lower Upper
75 100
77 1.1 179.1 537.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 151.346 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015729.D

Acq: 25 Jun 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

SU-01-062420RE

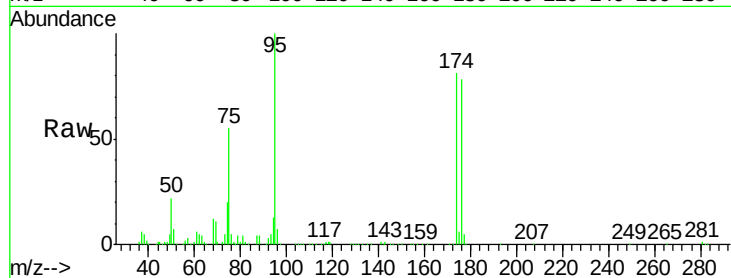
Tot Ion: 75 Resp: 64737

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.0 36.6 55.0#



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

