

Data File : VW015711.D
Acq On : 25 Jun 2020 04:34
Operator : SY/VA
Sample : L3094-02
Misc : 6.04G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2020-06-22-FD04

Quant Time: Jun 25 05:31:54 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	173430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	314358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116181	60.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.42%	
35) Dibromofluoromethane	7.88	113	96364	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
50) Toluene-d8	10.32	98	405131	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.62	95	137351	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	

Target Compounds

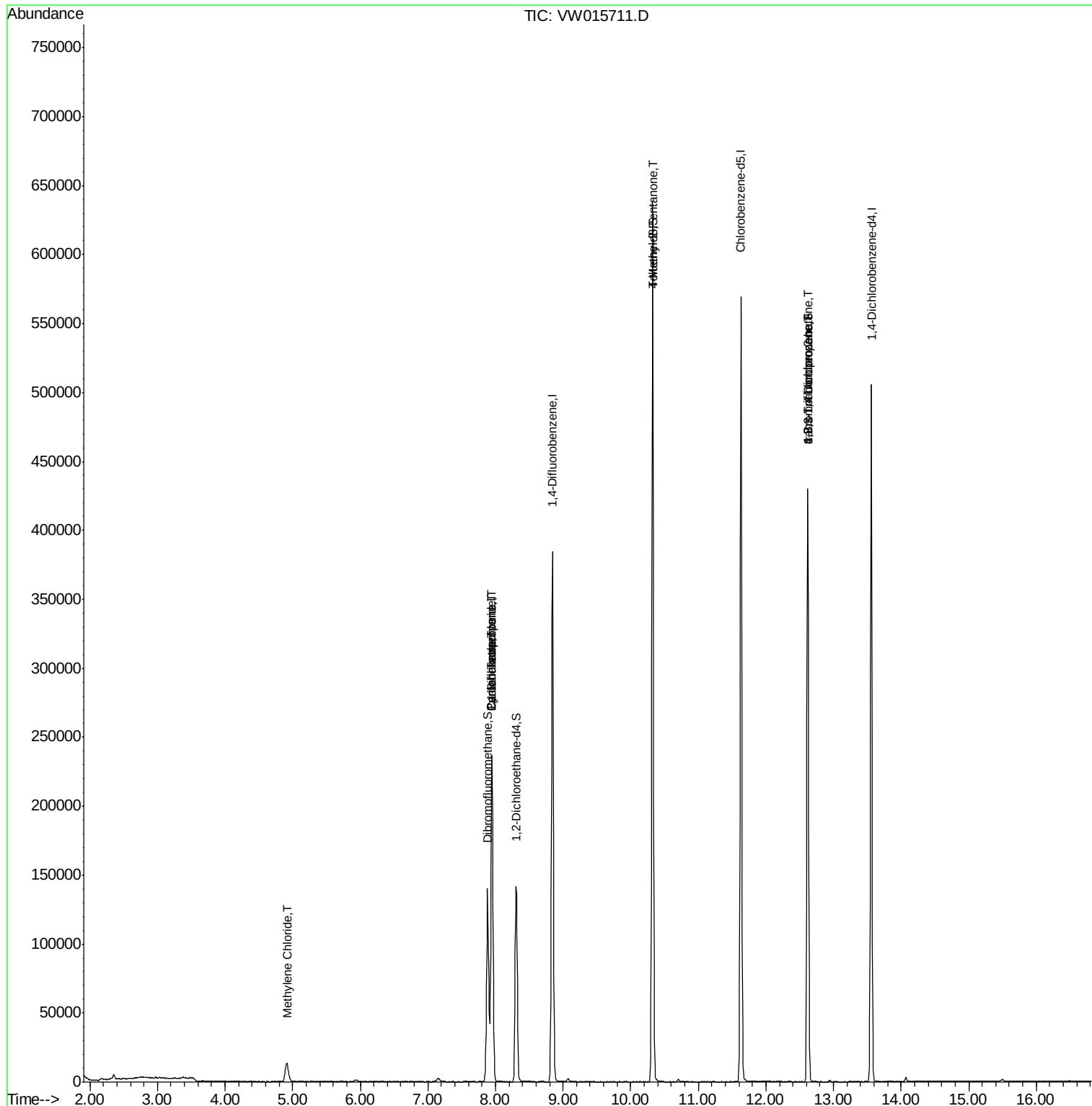
						Qvalue
18) Methyl Acetate	4.68	43	65	Below Cal	#	52
20) Methylene Chloride	4.92	84	11108	1.826	ug/l	97
31) Cyclohexane	7.95	56	4359	1.311	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	14710	4.499	ug/l #	50
38) Carbon Tetrachloride	7.95	117	17505	5.523	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	2036	1.695	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	75669	64.365	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	75669	162.203	ug/l #	8

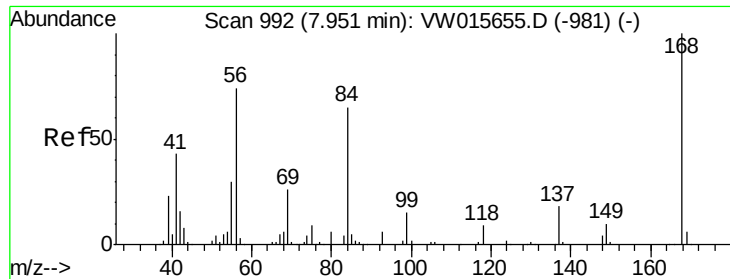
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015711.D

Acq: 25 Jun 2020 04:34

Instrument :

MSVOA_W

ClientSampleId :

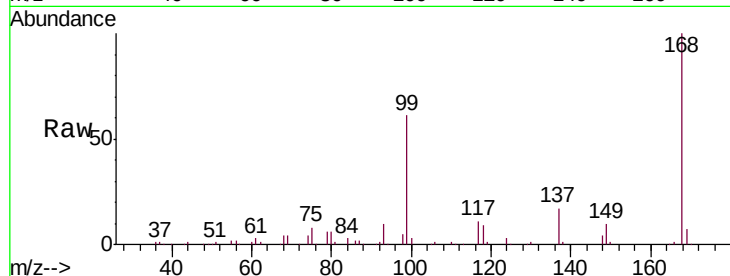
2020-06-22-FD04

Tgt Ion:168 Resp: 173430

Ion Ratio Lower Upper

168 100

99 61.3 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

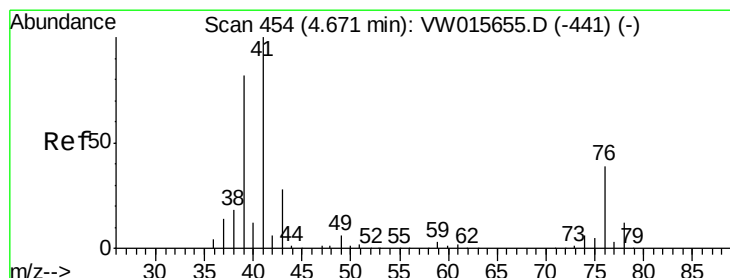
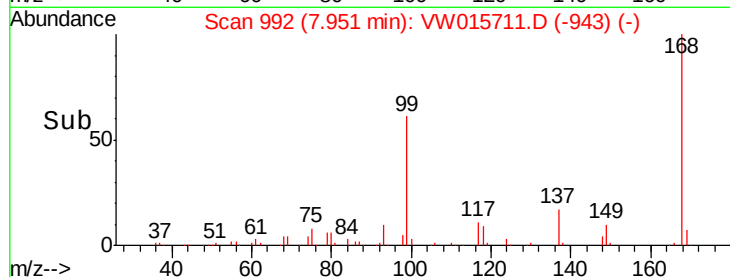
40000

20000

0

7.90 8.00 8.10

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW015711.D

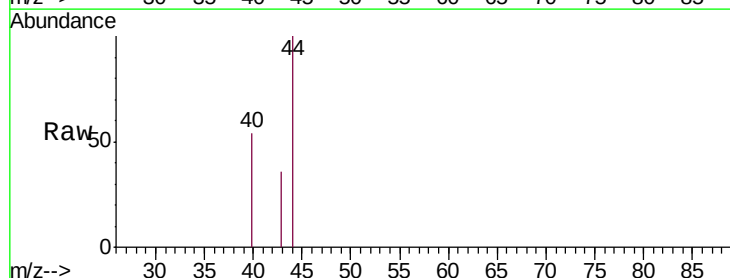
Acq: 25 Jun 2020 04:34

Tgt Ion: 43 Resp: 65

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

80

60

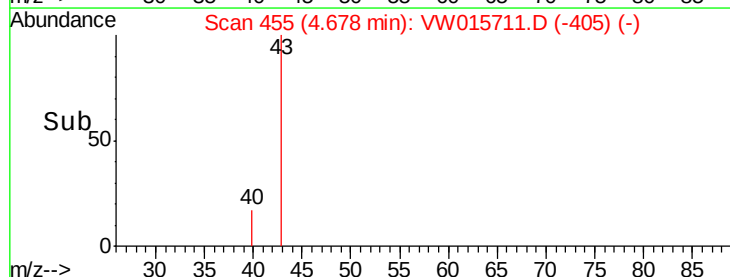
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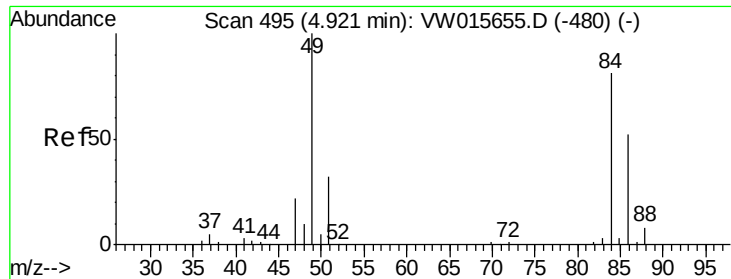
20

0

4.66 4.68 4.70

Time-->

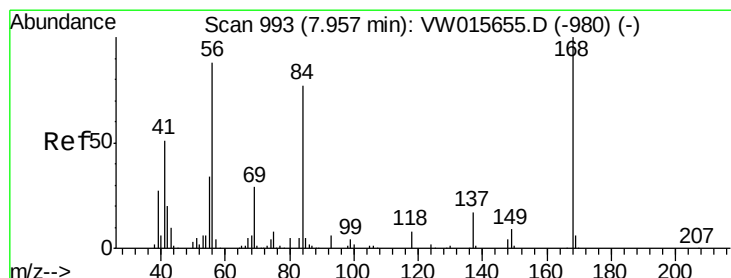
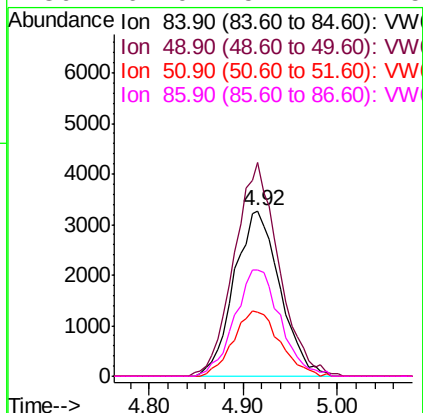
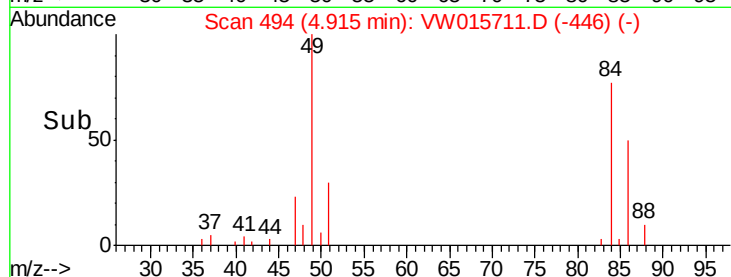
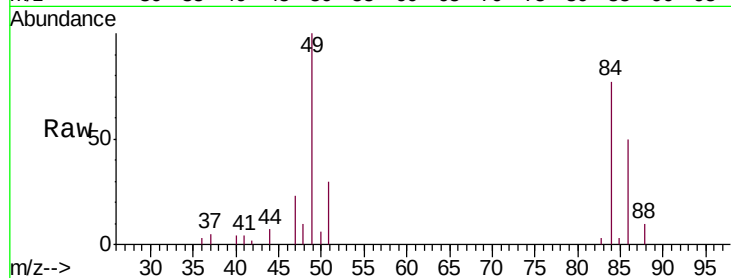




#20
Methylene Chloride
Concen: 1.826 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015711.D
Acq: 25 Jun 2020 04:34

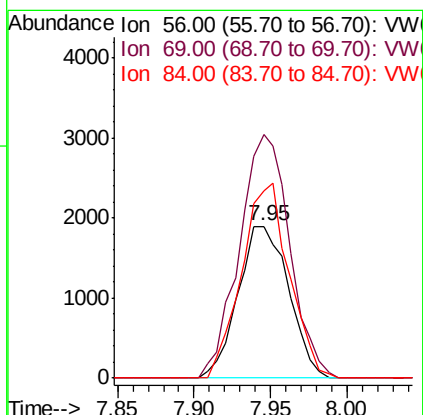
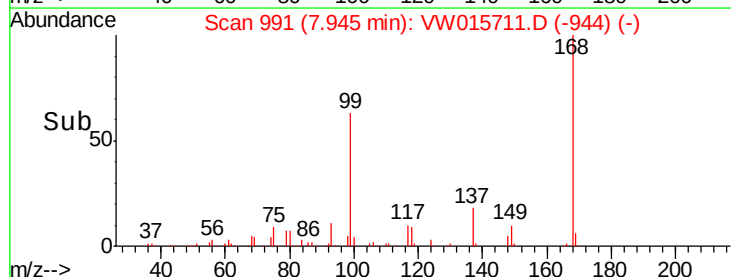
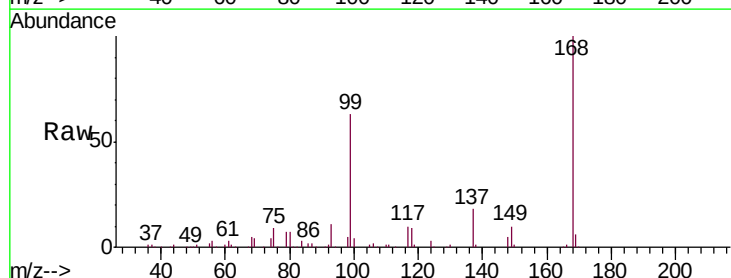
Instrument :
MSVOA_W
ClientSampleId :
2020-06-22-FD04

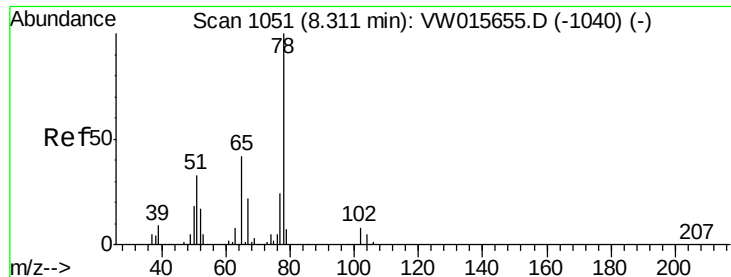
Tgt Ion:	84	Resp:	11108
Ion	Ratio	Lower	Upper
84	100		
49	129.2	99.3	148.9
51	39.0	31.8	47.6
86	64.0	51.7	77.5



#31
Cyclohexane
Concen: 1.311 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015711.D
Acq: 25 Jun 2020 04:34

Tgt Ion:	56	Resp:	4359
Ion	Ratio	Lower	Upper
56	100		
69	160.6	26.2	39.4#
84	123.6	70.4	105.6#

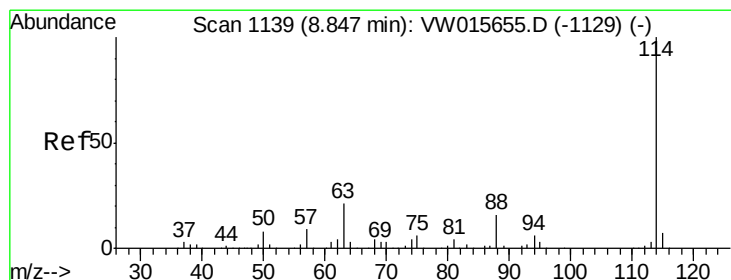
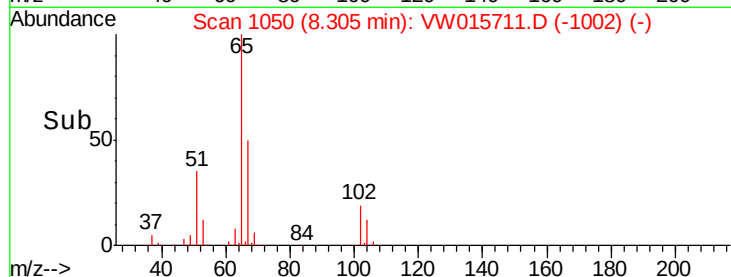
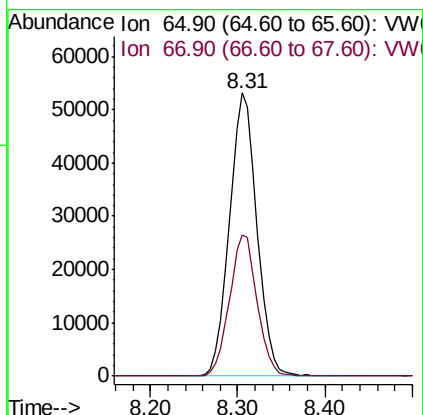
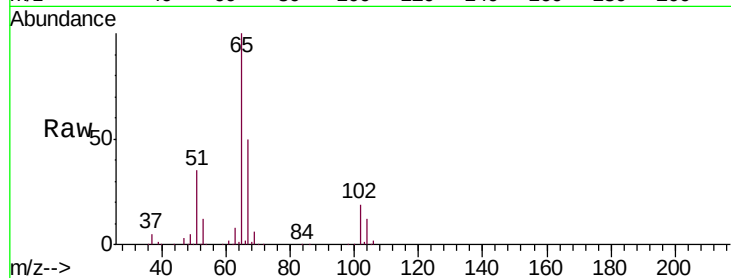




#33
 1,2-Dichloroethane-d4
 Concen: 60.208 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015711.D
 Acq: 25 Jun 2020 04:34

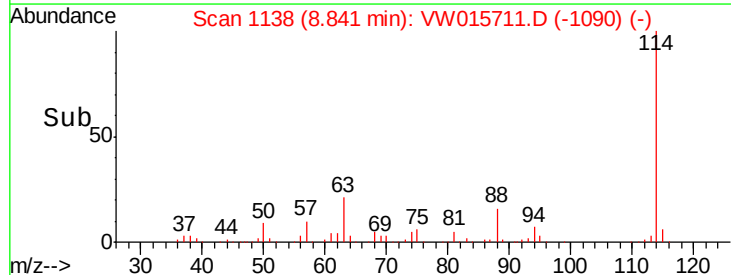
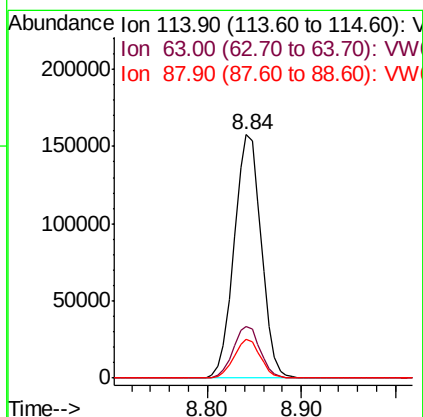
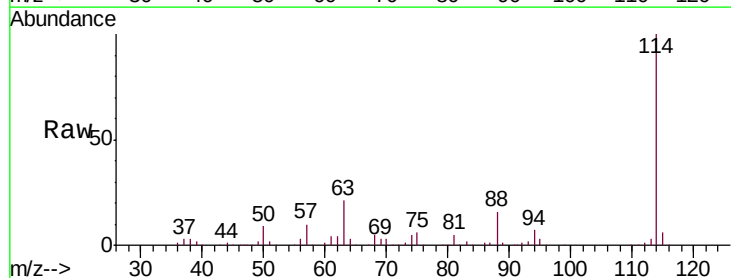
Instrument :
 MSVOA_W
 ClientSampleId :
 2020-06-22-FD04

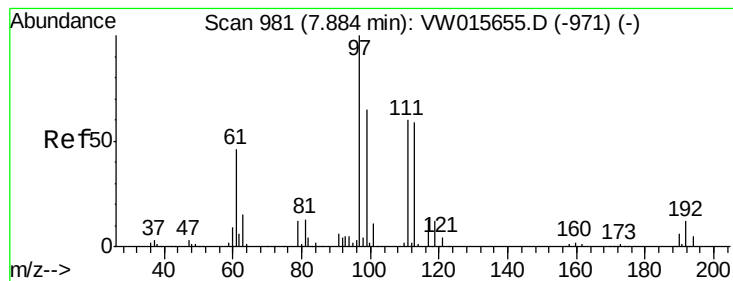
Tgt Ion: 65 Resp: 116181
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015711.D
 Acq: 25 Jun 2020 04:34

Tgt Ion: 114 Resp: 314358
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.733 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015711.D

Acq: 25 Jun 2020 04:34

Instrument :

MSVOA_W

ClientSampleId :

2020-06-22-FD04

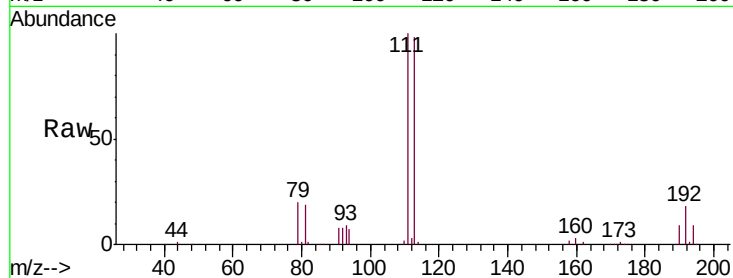
Tgt Ion:113 Resp: 96364

Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

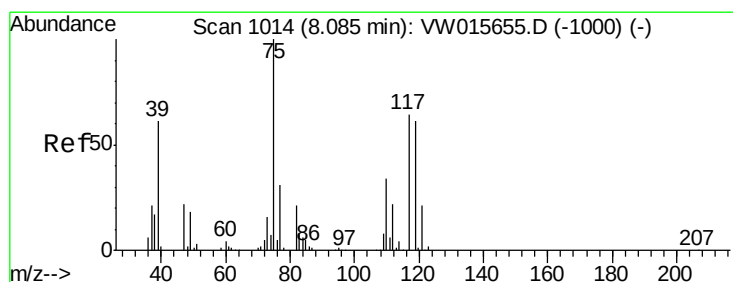
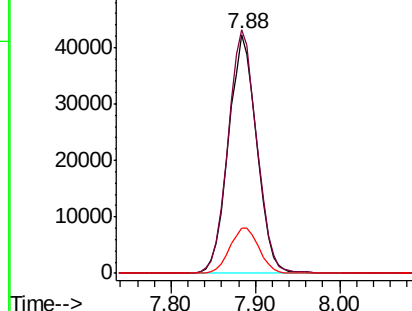
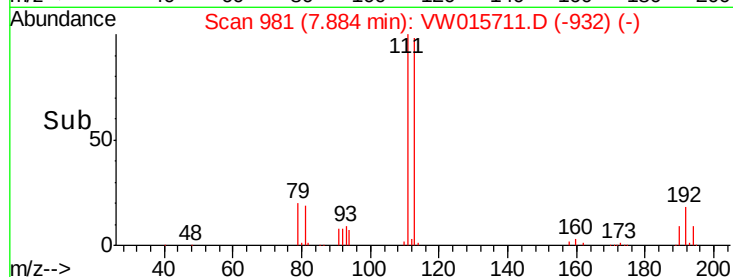
192 19.7 16.4 24.6



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: 4.499 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW015711.D

Acq: 25 Jun 2020 04:34

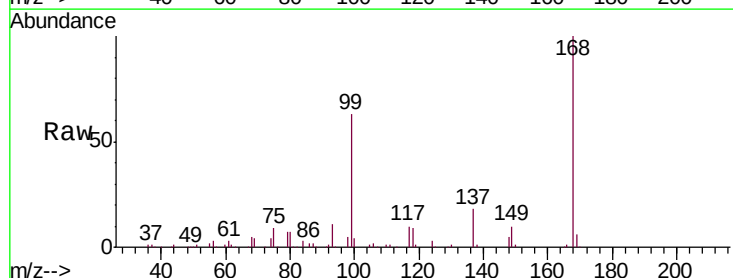
Tgt Ion: 75 Resp: 14710

Ion Ratio Lower Upper

75 100

110 8.8 17.0 51.0#

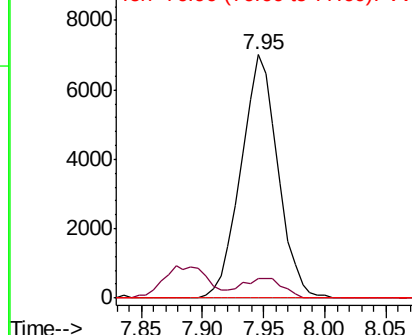
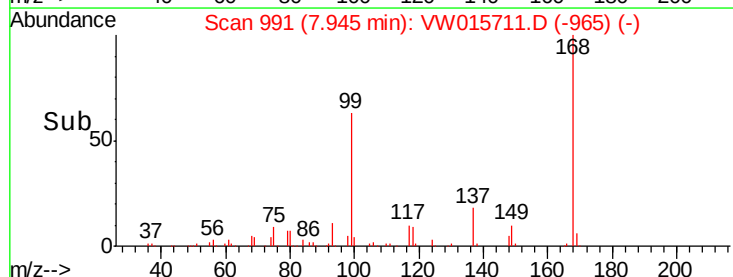
77 0.0 24.6 36.8#

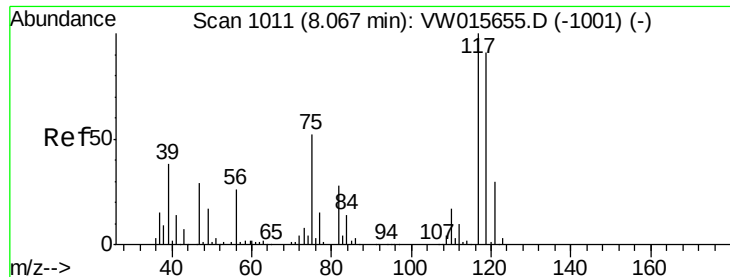


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.523 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW015711.D

Acq: 25 Jun 2020 04:34

Instrument :

MSVOA_W

ClientSampleId :

2020-06-22-FD04

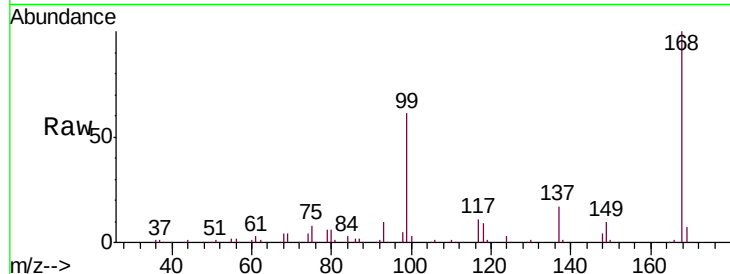
Tgt Ion: 117 Resp: 17505

Ion Ratio Lower Upper

117 100

119 4.9 73.2 109.8#

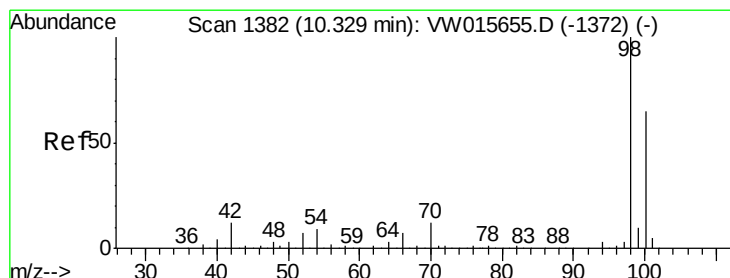
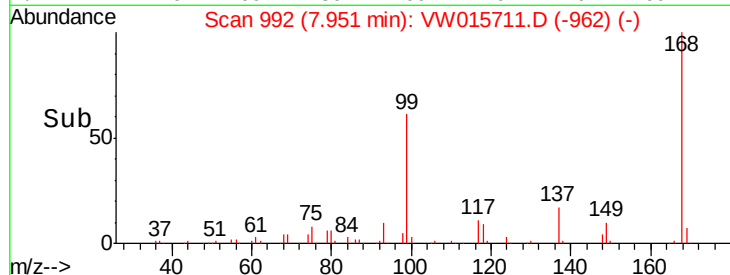
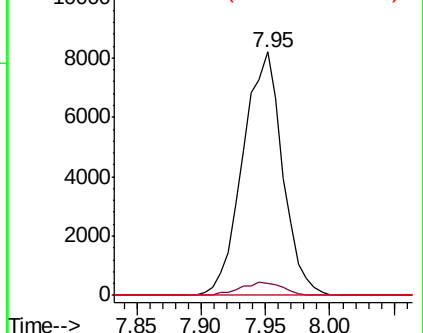
121 0.0 23.9 35.9#



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: 52.061 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015711.D

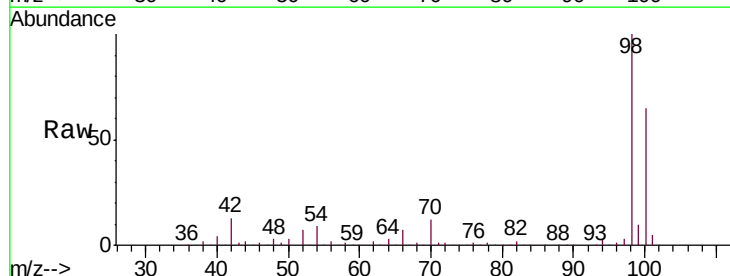
Acq: 25 Jun 2020 04:34

Tgt Ion: 98 Resp: 405131

Ion Ratio Lower Upper

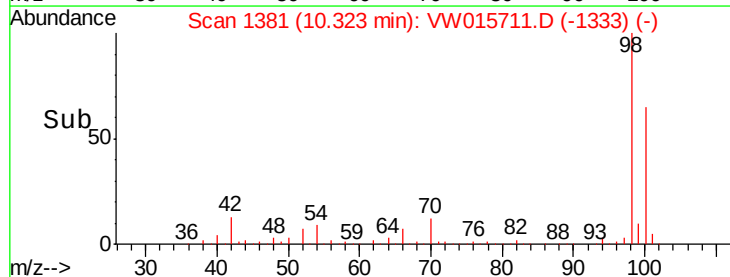
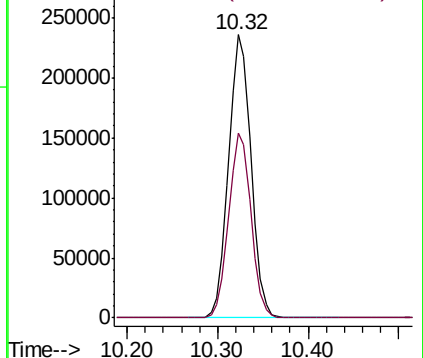
98 100

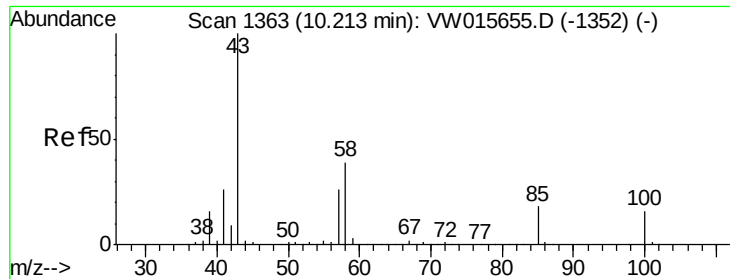
100 64.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

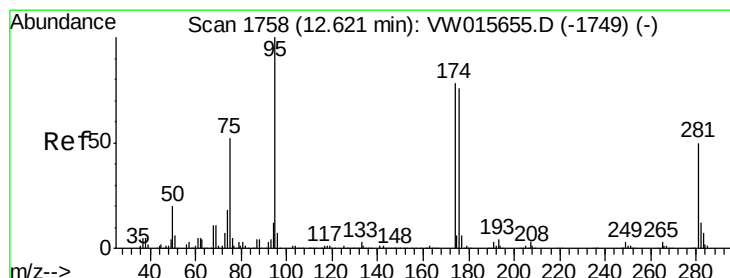
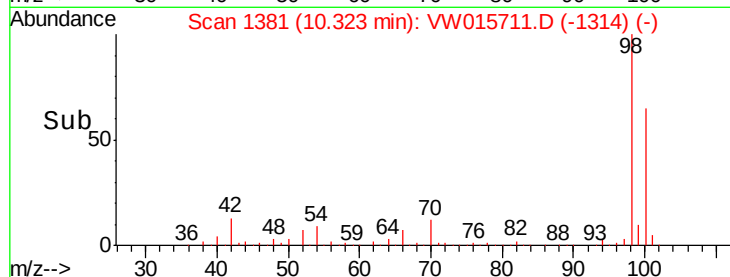
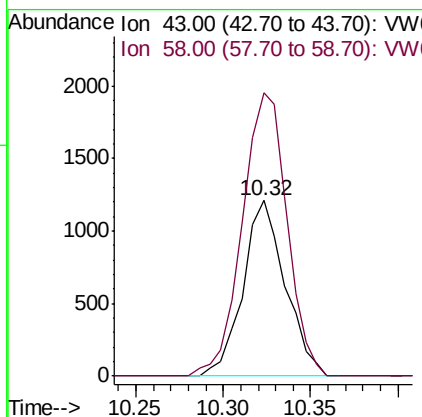
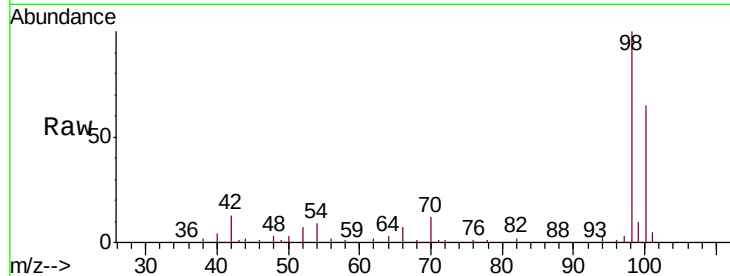




#51
 4-Methyl-2-Pentanone
 Concen: 1.695 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.11 min
 Lab File: VW015711.D
 Acq: 25 Jun 2020 04:34

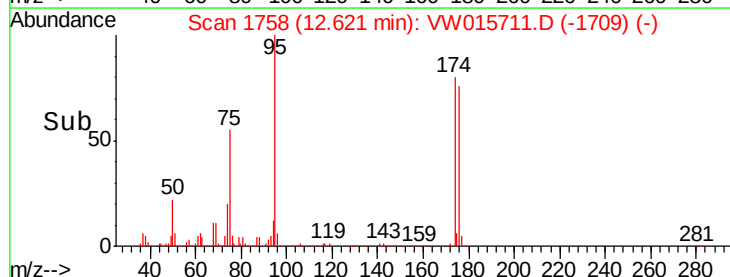
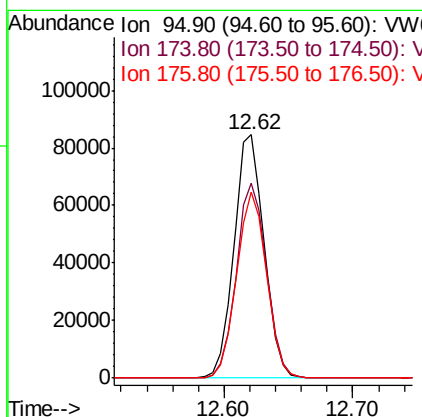
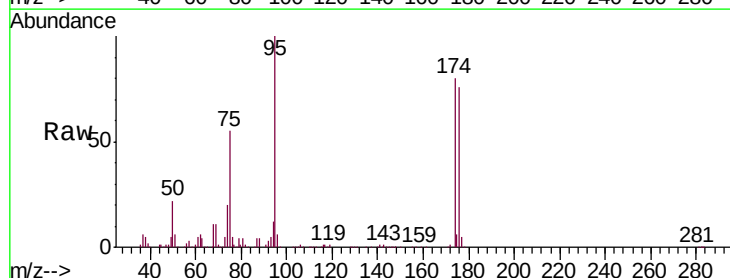
Instrument :
 MSVOA_W
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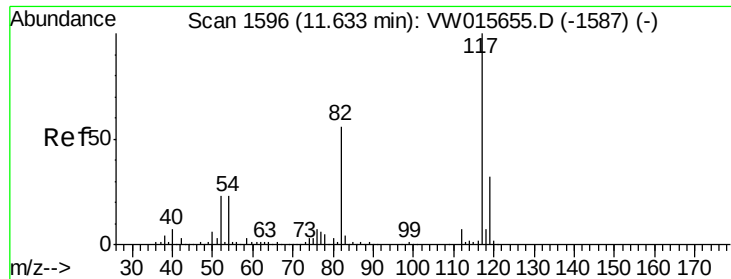
Tgt Ion: 43 Resp: 2036
 Ion Ratio Lower Upper
 43 100
 58 170.8 31.2 46.8#



#62
 4-Bromofluorobenzene
 Concen: 47.927 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015711.D
 Acq: 25 Jun 2020 04:34

Tgt Ion: 95 Resp: 137351
 Ion Ratio Lower Upper
 95 100
 174 80.0 0.0 157.0
 176 75.8 0.0 151.4

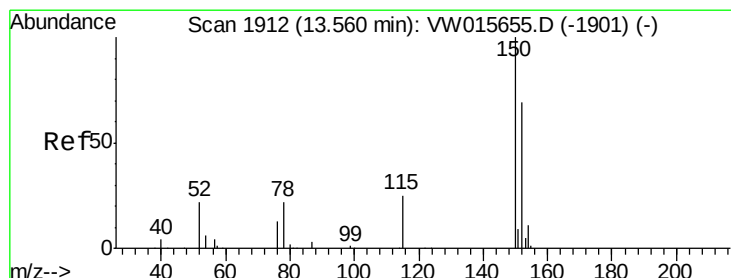
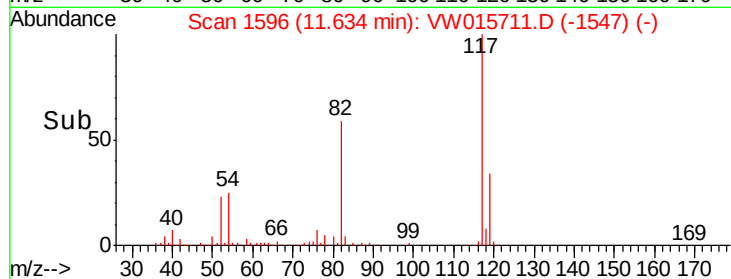
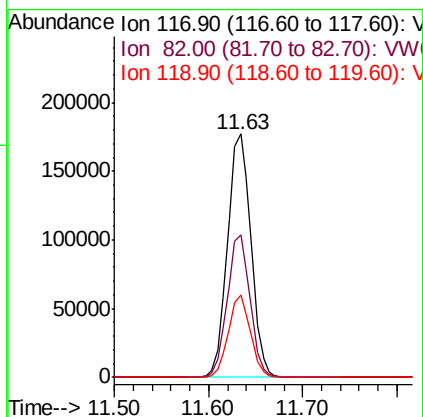
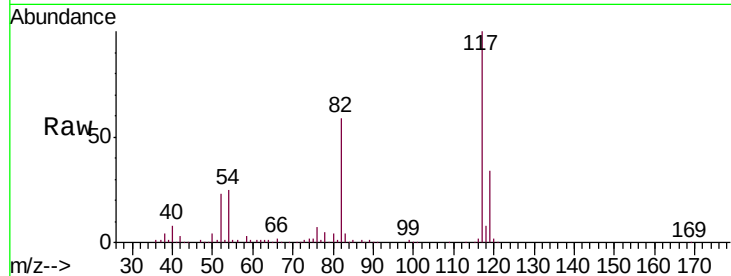




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015711.D
Acq: 25 Jun 2020 04:34

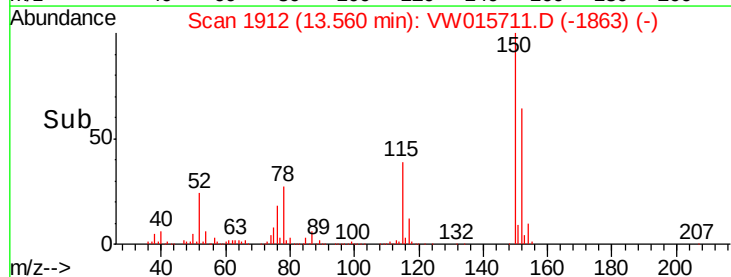
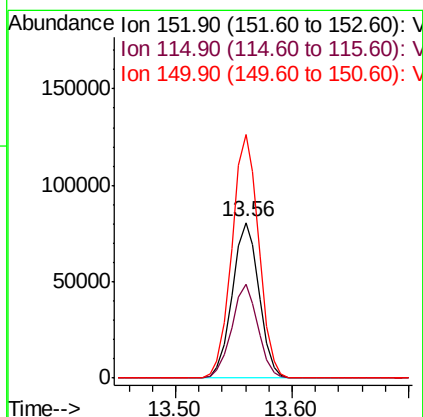
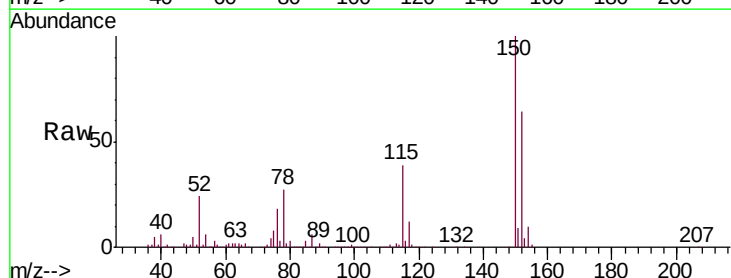
Instrument :
MSVOA_W
ClientSampleId :
2020-06-22-FD04

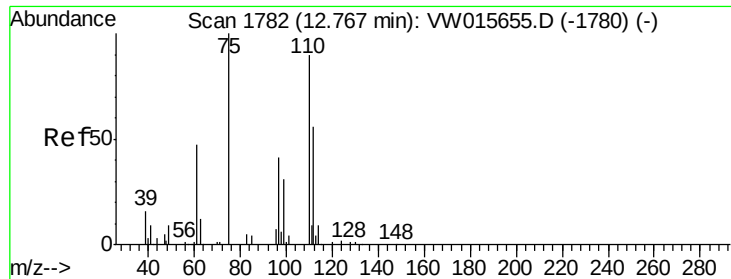
Tgt Ion:117 Resp: 305405
Ion Ratio Lower Upper
117 100
82 58.7 45.1 67.7
119 33.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015711.D
Acq: 25 Jun 2020 04:34

Tgt Ion:152 Resp: 128884
Ion Ratio Lower Upper
152 100
115 59.1 30.1 90.5
150 157.1 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 64.365 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015711.D

Acq: 25 Jun 2020 04:34

Instrument :

MSVOA_W

ClientSampleId :

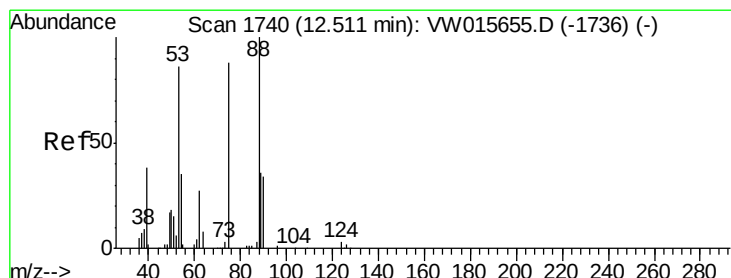
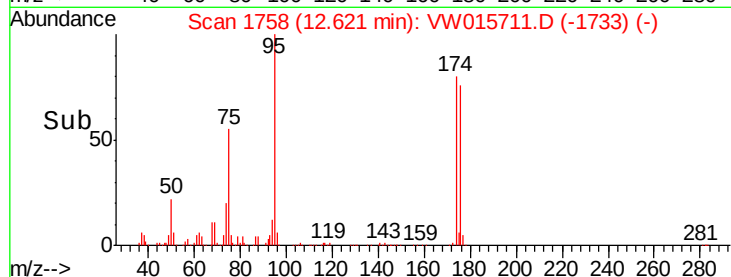
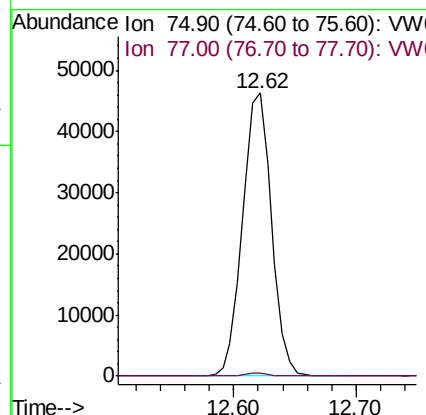
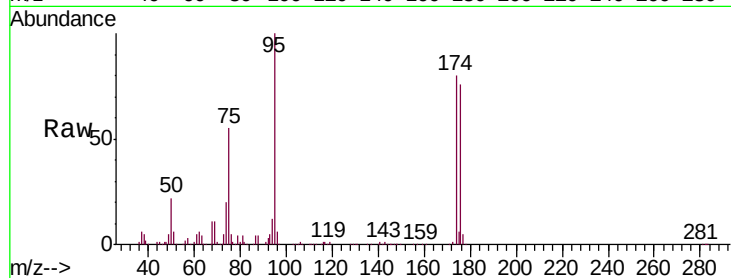
2020-06-22-FD04

Tgt Ion: 75 Resp: 75669

Ion Ratio Lower Upper

75 100

77 1.1 179.1 537.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 162.203 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015711.D

Acq: 25 Jun 2020 04:34

Tgt Ion: 75 Resp: 75669

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.0 36.6 55.0#

