

Data File : VW015314.D
Acq On : 22 Apr 2020 17:45
Operator : SY/VA
Sample : L2360-03
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OUTSIDE WALL

Quant Time: Apr 23 07:04:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	290690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	254198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	75934	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
35) Dibromofluoromethane	7.88	113	83183	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	10.32	98	343359	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.62	95	111388	43.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.20%	

Target Compounds

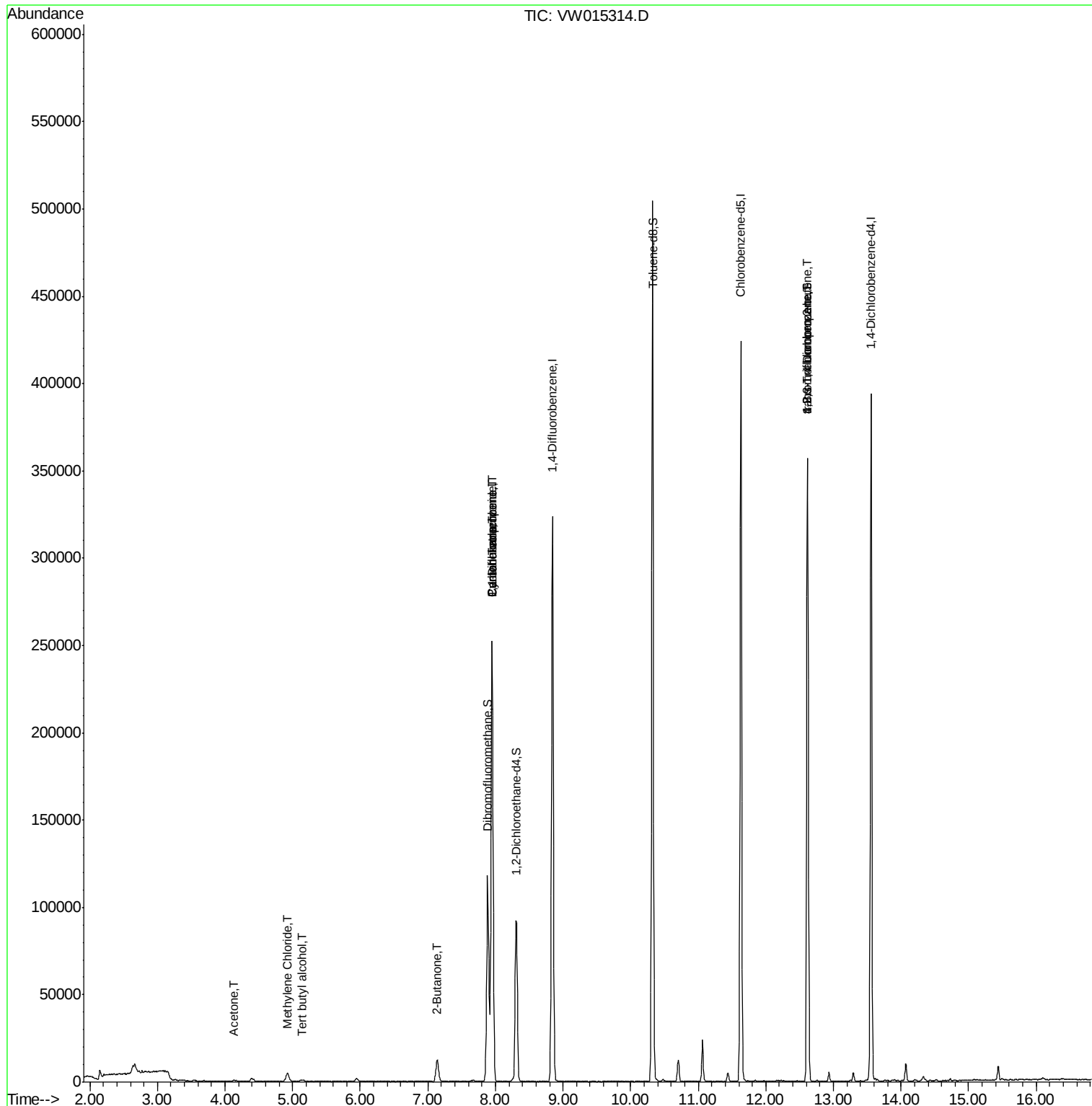
						Qvalue
11) Tert butyl alcohol	5.13	59	890	6.468	ug/l #	72
16) Acetone	4.13	43	1531	5.192	ug/l	94
20) Methylene Chloride	4.92	84	4074	2.108	ug/l	91
25) 2-Butanone	7.14	43	862	2.204	ug/l #	48
31) Cyclohexane	7.95	56	3772	1.208	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13285	5.064	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18582	6.481	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	55043	63.030	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55043	137.785	ug/l #	15

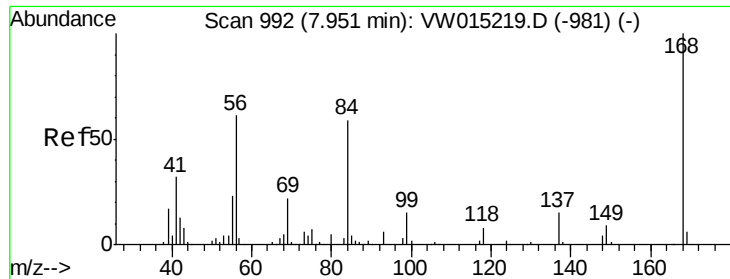
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015314.D

Acq: 22 Apr 2020 17:45

Instrument :

MSVOA_W

ClientSampled :

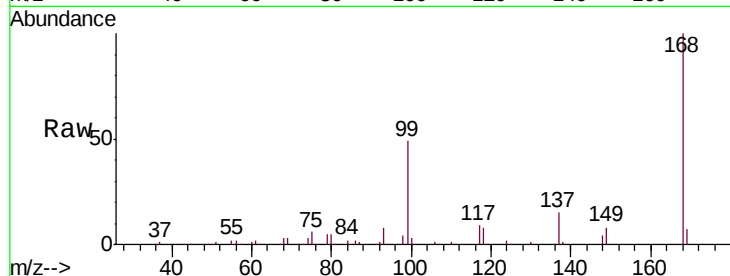
OUTSIDE WALL

Tgt Ion:168 Resp: 206434

Ion Ratio Lower Upper

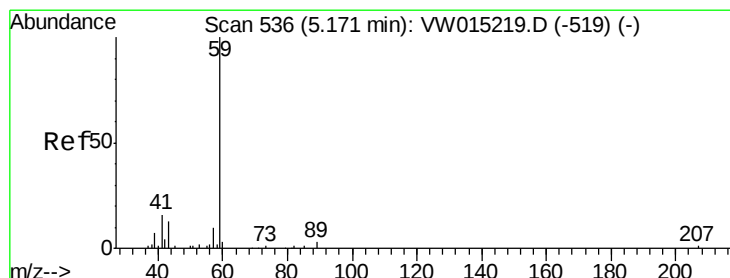
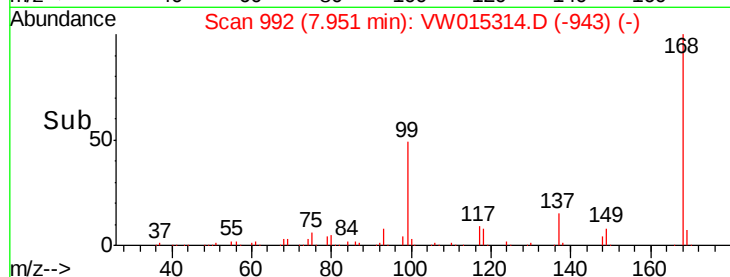
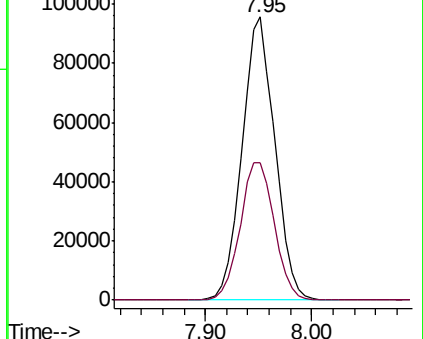
168 100

99 48.7 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 6.468 ug/l

RT: 5.13 min Scan# 530

Delta R.T. -0.04 min

Lab File: VW015314.D

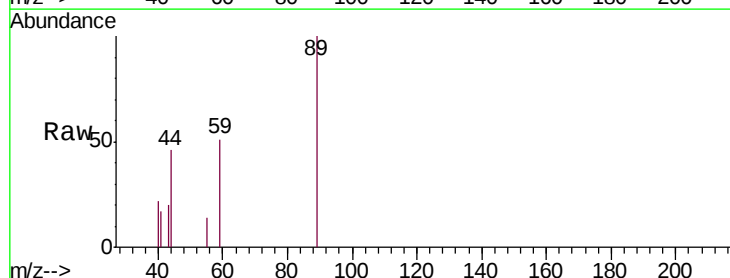
Acq: 22 Apr 2020 17:45

Tgt Ion: 59 Resp: 890

Ion Ratio Lower Upper

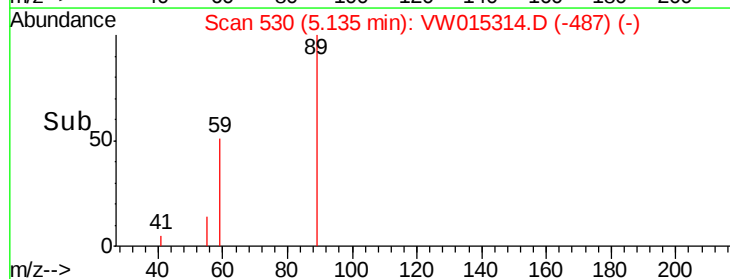
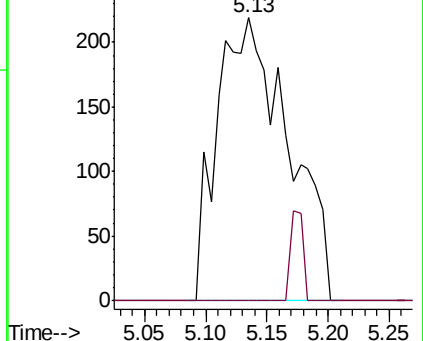
59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

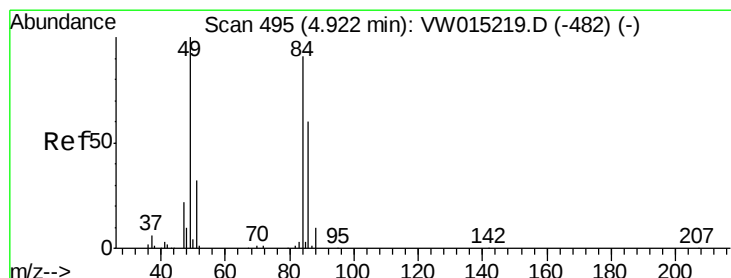
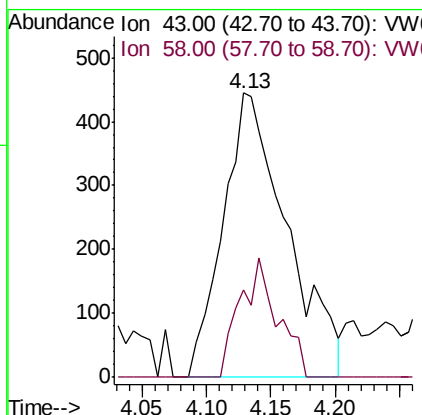
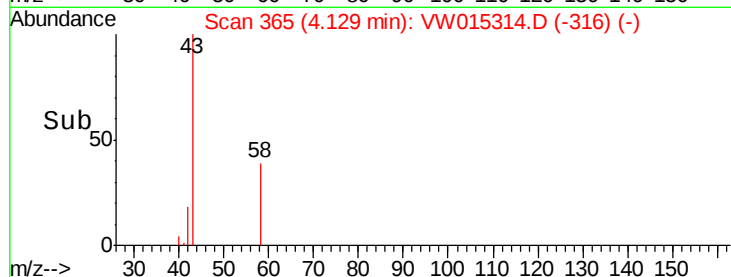
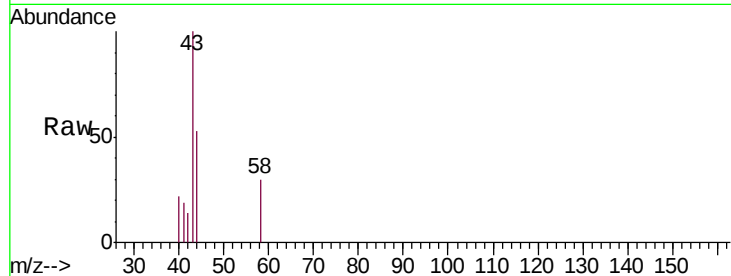




#16
Acetone
Concen: 5.192 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW015314.D
Acq: 22 Apr 2020 17:45

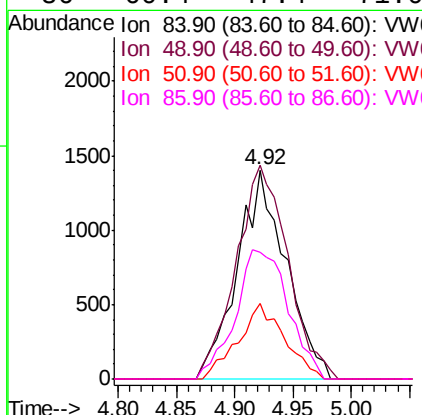
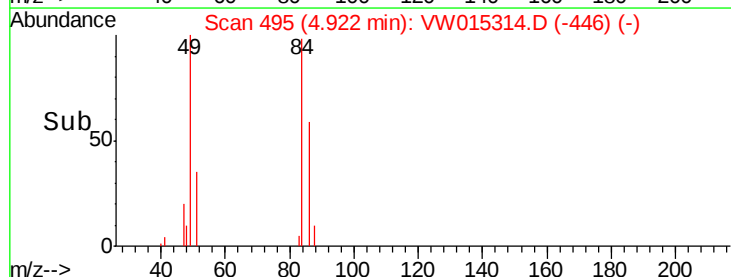
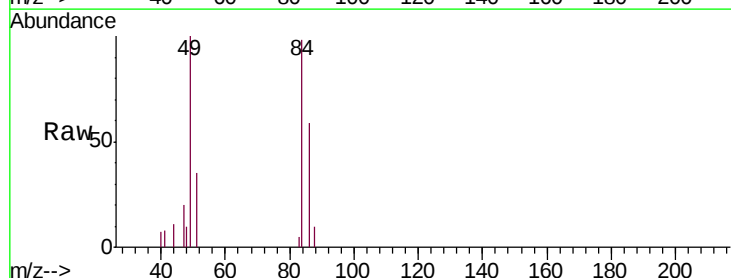
Instrument :
MSVOA_W
ClientSampleId :
OUTSIDE WALL

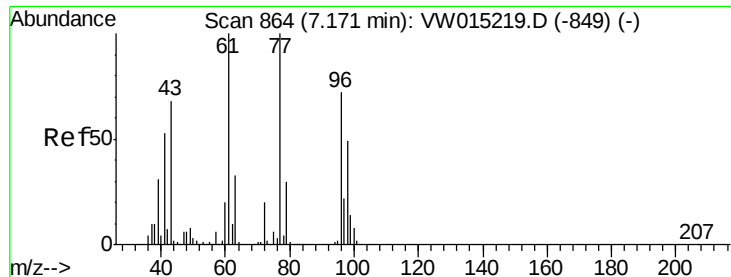
Tgt Ion: 43 Resp: 1531
Ion Ratio Lower Upper
43 100
58 30.3 27.0 40.4



#20
Methylene Chloride
Concen: 2.108 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015314.D
Acq: 22 Apr 2020 17:45

Tgt Ion: 84 Resp: 4074
Ion Ratio Lower Upper
84 100
49 102.2 95.4 143.0
51 36.1 29.8 44.8
86 60.4 47.4 71.0





#25

2-Butanone

Concen: 2.204 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW015314.D

Acq: 22 Apr 2020 17:45

Instrument :

MSVOA_W

ClientSampled :

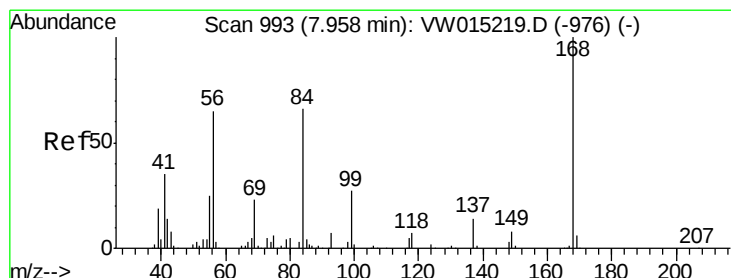
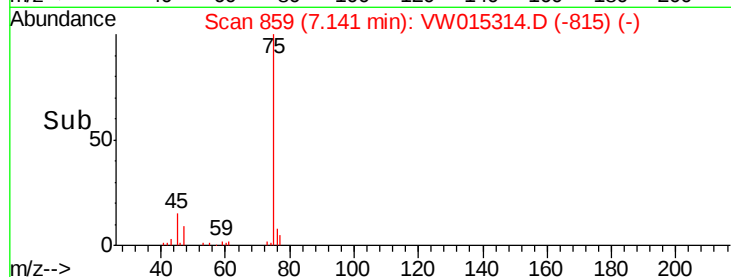
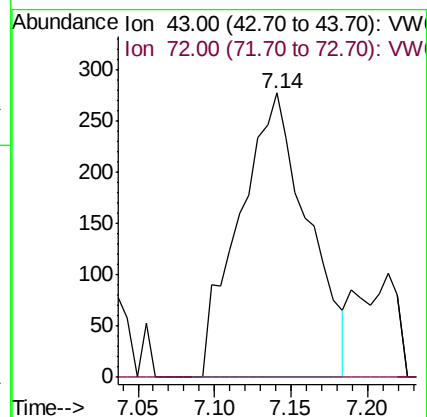
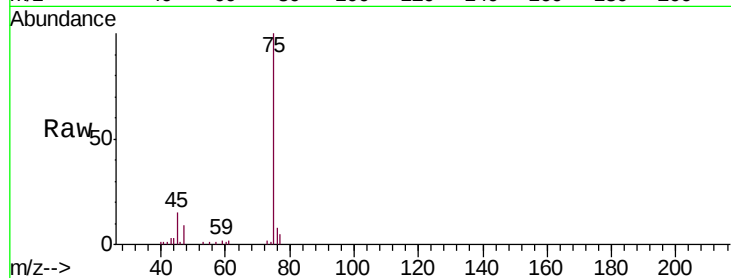
OUTSIDE WALL

Tgt Ion: 43 Resp: 862

Ion Ratio Lower Upper

43 100

72 0.0 21.6 32.4#



#31

Cyclohexane

Concen: 1.208 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015314.D

Acq: 22 Apr 2020 17:45

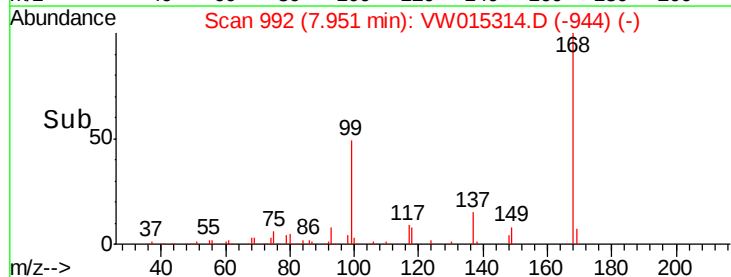
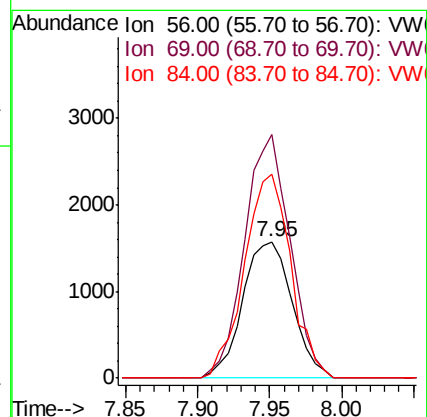
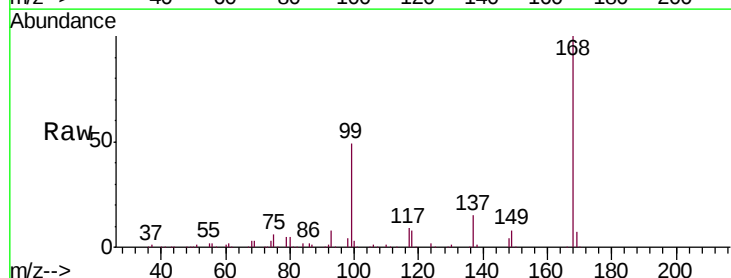
Tgt Ion: 56 Resp: 3772

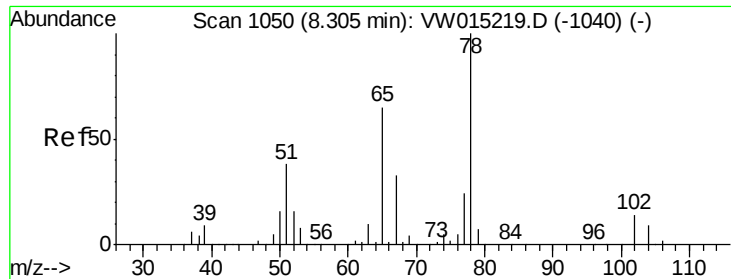
Ion Ratio Lower Upper

56 100

69 178.8 27.1 40.7#

84 149.3 71.9 107.9#

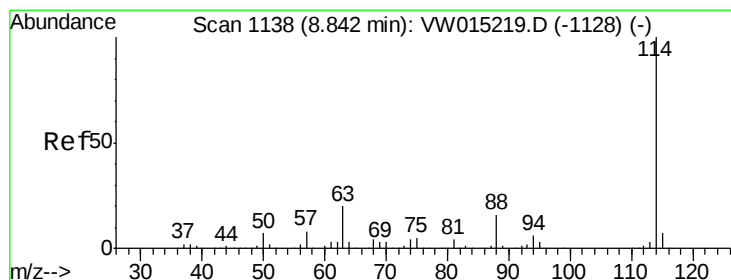
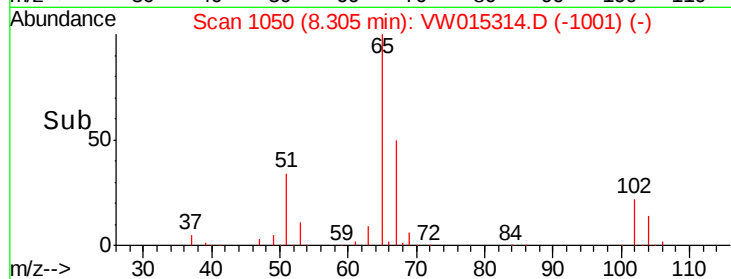
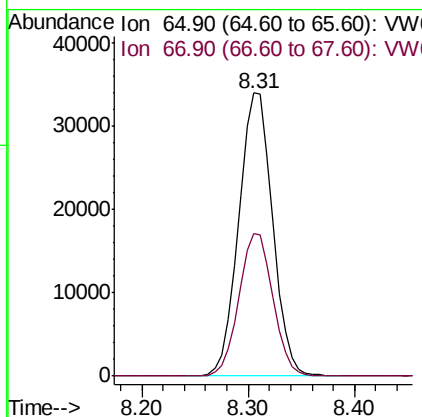
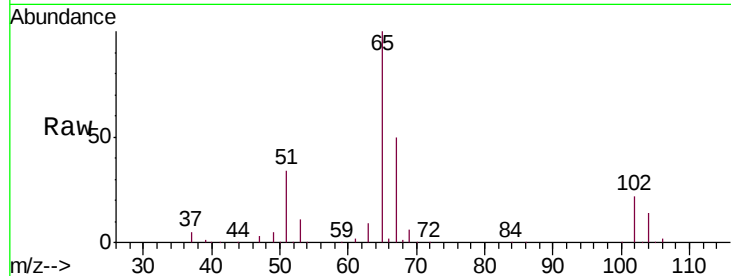




#33
 1,2-Dichloroethane-d4
 Concen: 44.982 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015314.D
 Acq: 22 Apr 2020 17:45

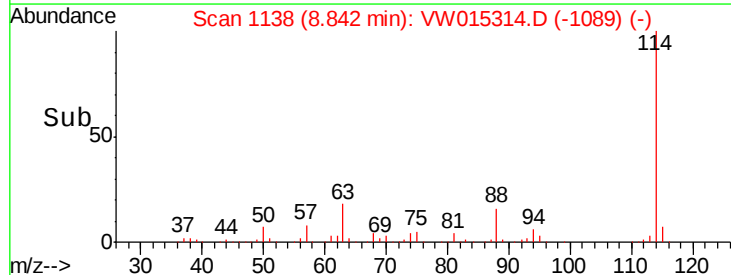
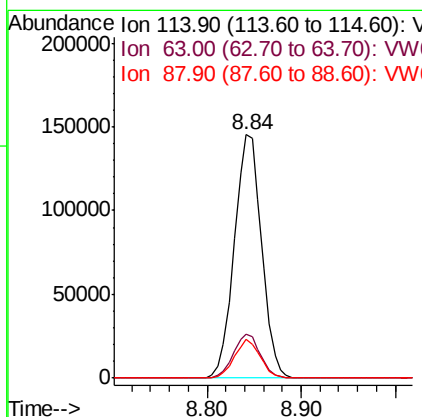
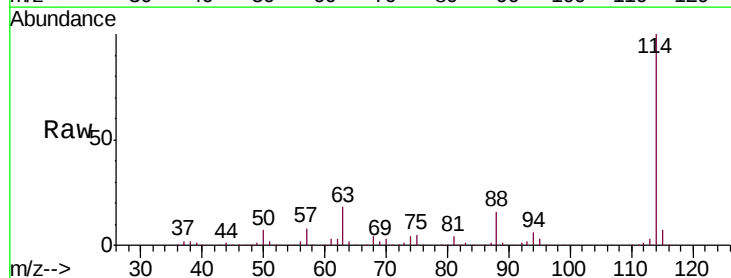
Instrument :
 MSVOA_W
 ClientSampleId :
 OUTSIDE WALL

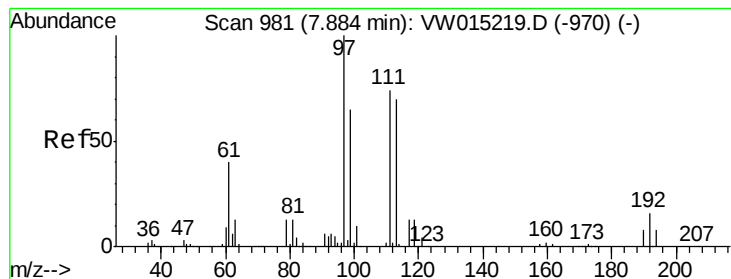
Tgt Ion: 65 Resp: 75934
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015314.D
 Acq: 22 Apr 2020 17:45

Tgt Ion: 114 Resp: 290690
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.8
 88 15.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.661 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015314.D

Acq: 22 Apr 2020 17:45

Instrument :

MSVOA_W

ClientSampleId :

OUTSIDE WALL

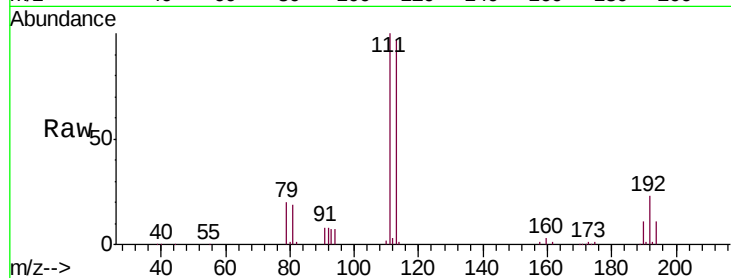
Tgt Ion:113 Resp: 83183

Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.4

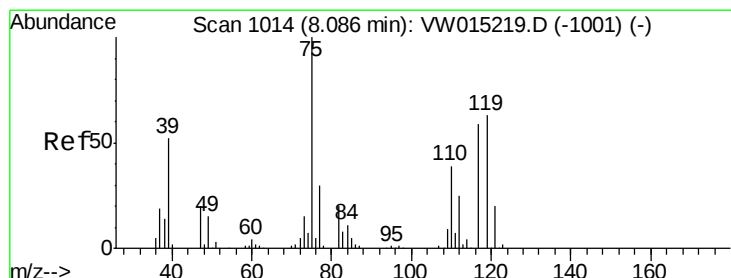
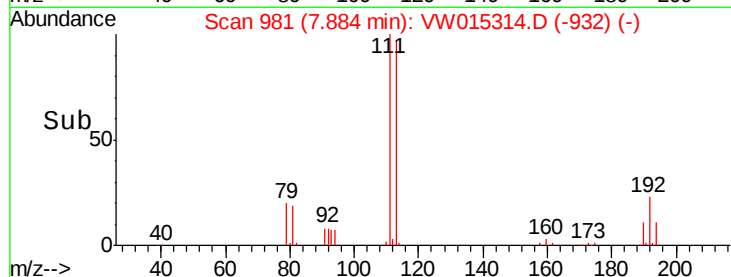
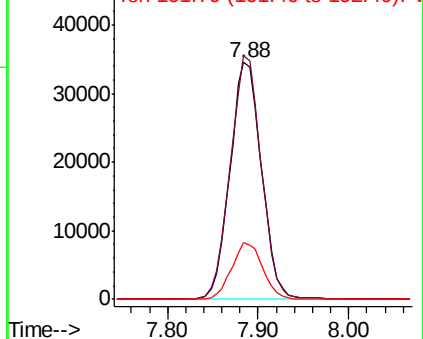
192 23.3 15.1 22.7#



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: 5.064 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015314.D

Acq: 22 Apr 2020 17:45

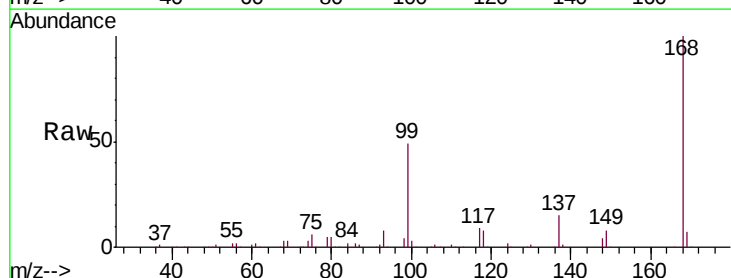
Tgt Ion: 75 Resp: 13285

Ion Ratio Lower Upper

75 100

110 9.3 18.2 54.6#

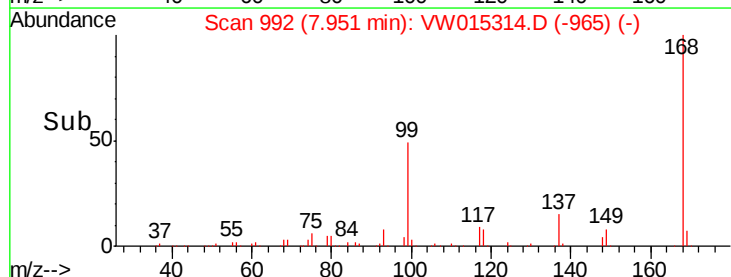
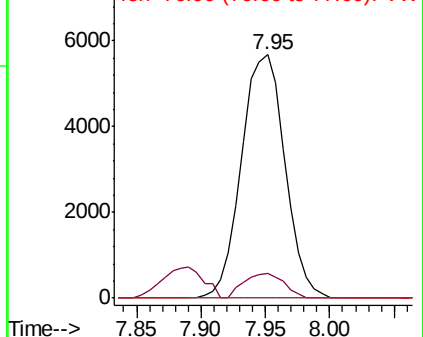
77 0.0 24.5 36.7#

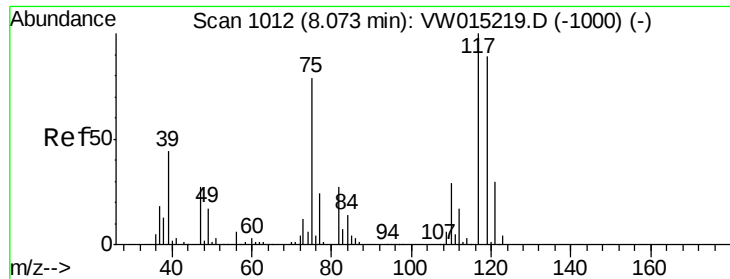


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

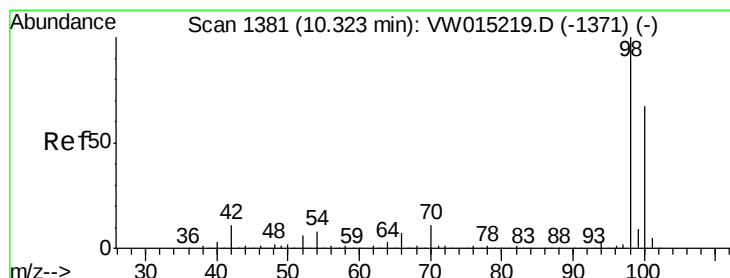
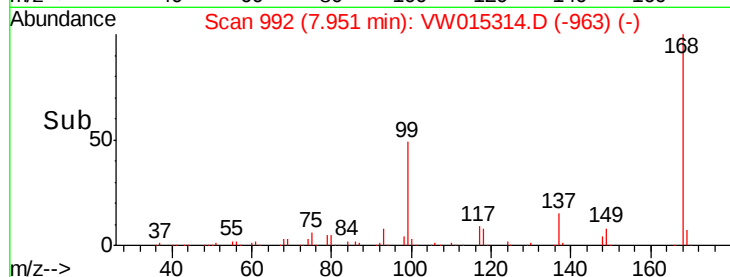
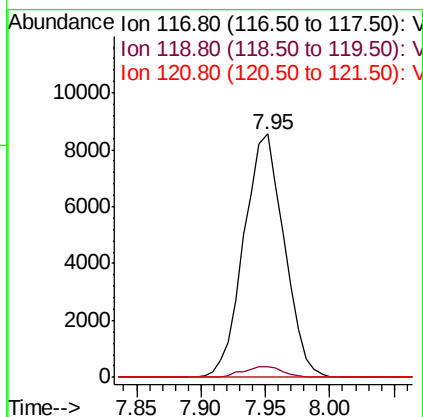
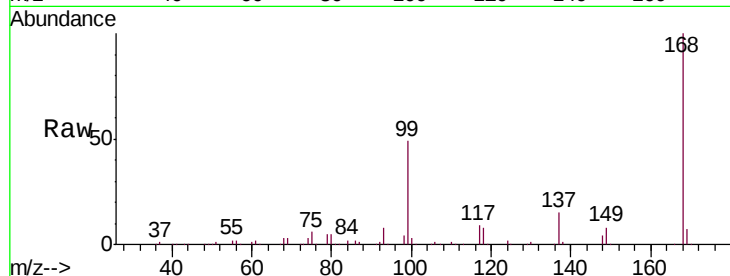




#38
Carbon Tetrachloride
Concen: 6.481 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015314.D
Acq: 22 Apr 2020 17:45

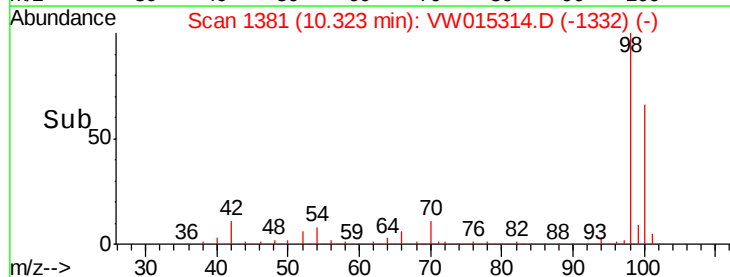
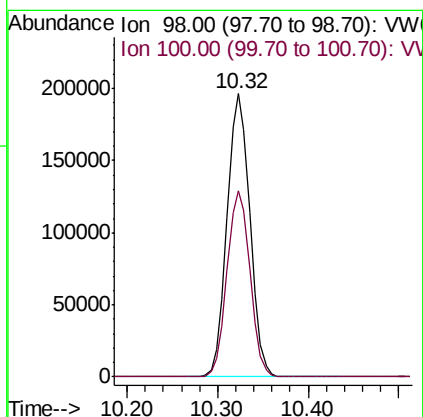
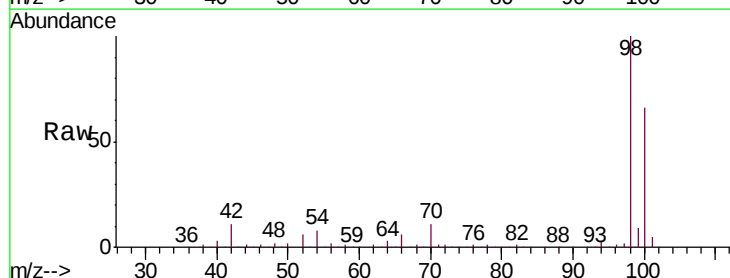
Instrument :
MSVOA_W
ClientSampleId :
OUTSIDE WALL

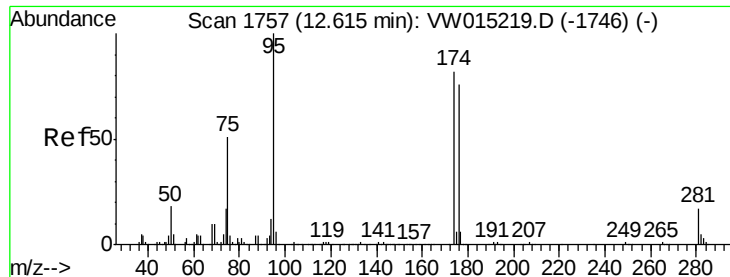
Tgt Ion: 117 Resp: 18582
Ion Ratio Lower Upper
117 100
119 4.6 72.3 108.5#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 50.691 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015314.D
Acq: 22 Apr 2020 17:45

Tgt Ion: 98 Resp: 343359
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3

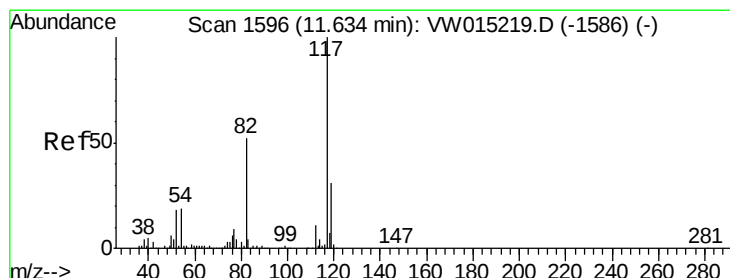
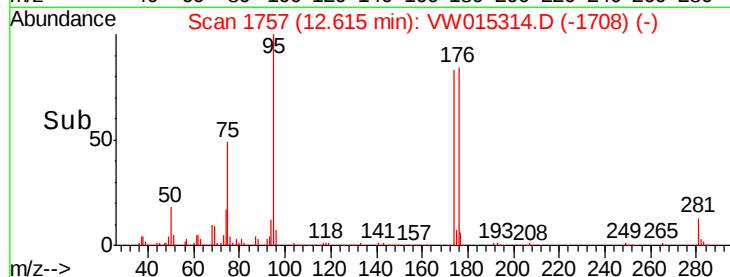
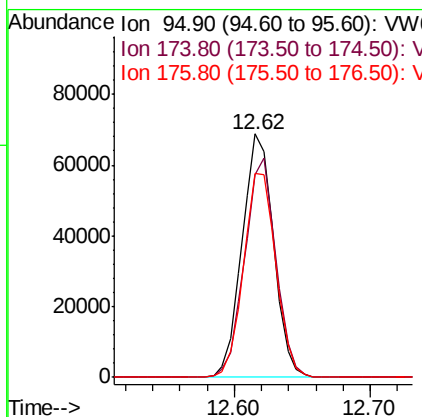
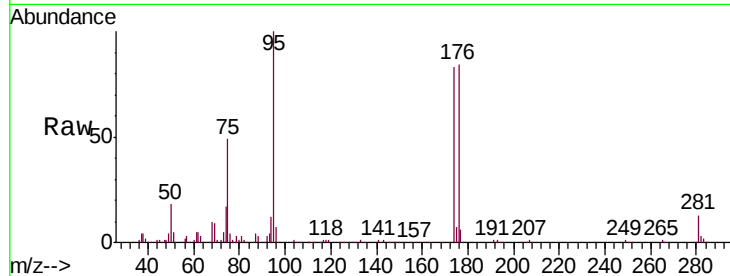




#62
4-Bromofluorobenzene
Concen: 43.100 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015314.D
Acq: 22 Apr 2020 17:45

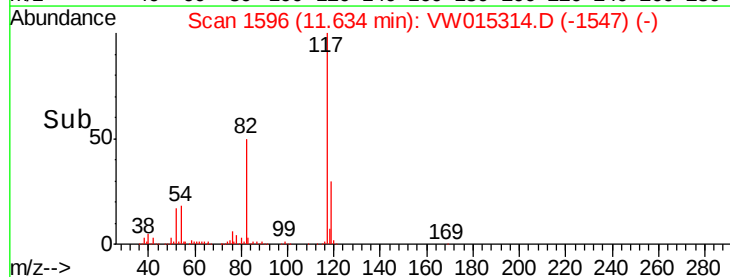
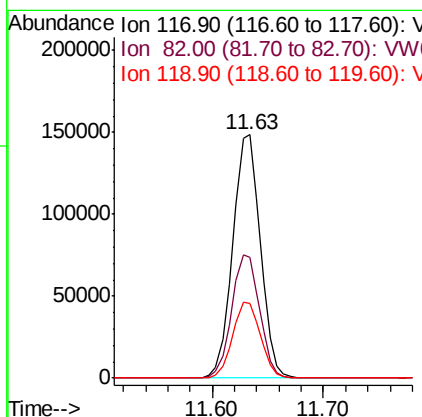
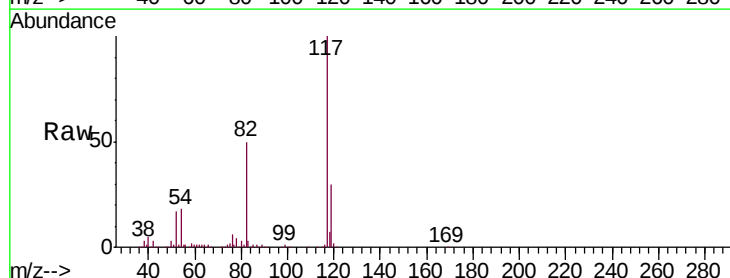
Instrument :
MSVOA_W
ClientSampleId :
OUTSIDE WALL

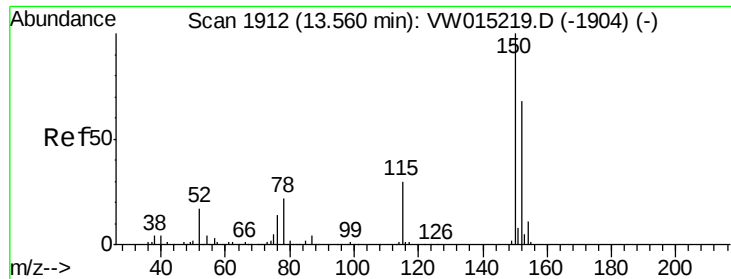
Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	144.4
176	86.4	0.0	140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015314.D
Acq: 22 Apr 2020 17:45

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.7	44.1	66.1
119	30.4	24.9	37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015314.D

Acq: 22 Apr 2020 17:45

Instrument :

MSVOA_W

ClientSampleId :

OUTSIDE WALL

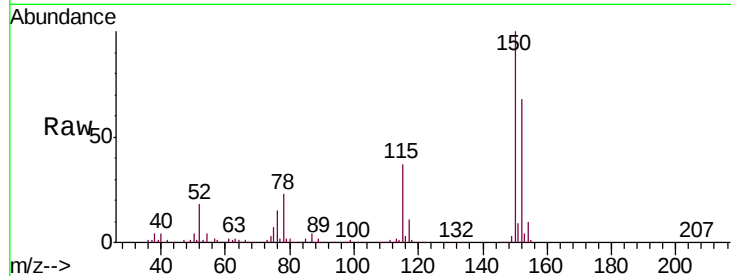
Tgt Ion:152 Resp: 112884

Ion Ratio Lower Upper

152 100

115 54.9 31.3 93.9

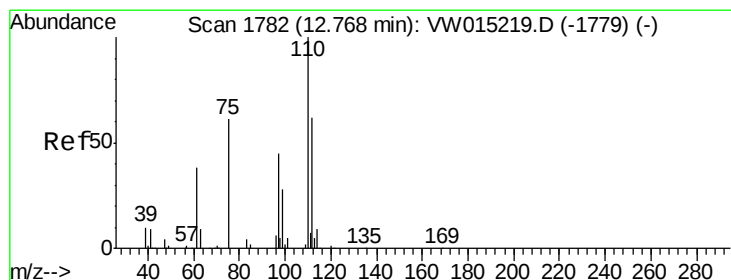
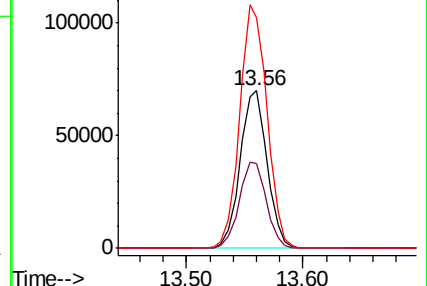
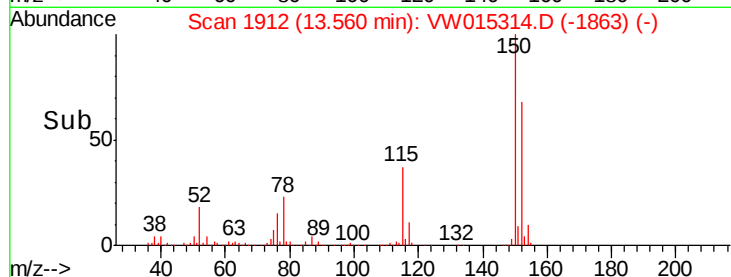
150 156.2 0.0 343.4



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: 63.030 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015314.D

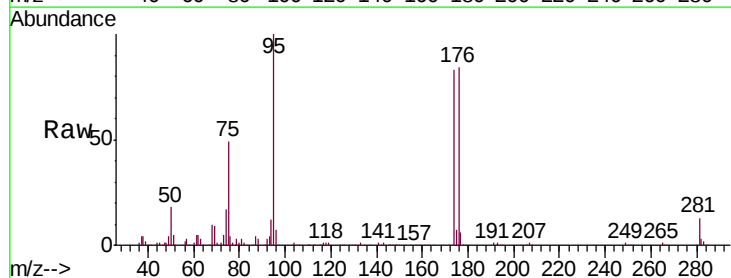
Acq: 22 Apr 2020 17:45

Tgt Ion: 75 Resp: 55043

Ion Ratio Lower Upper

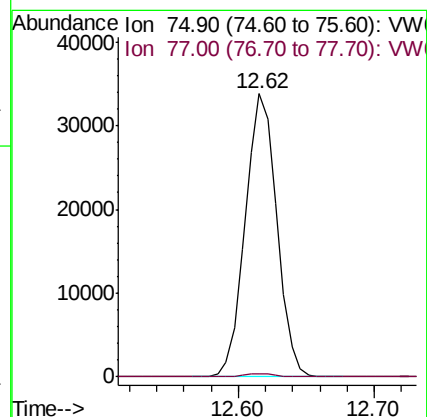
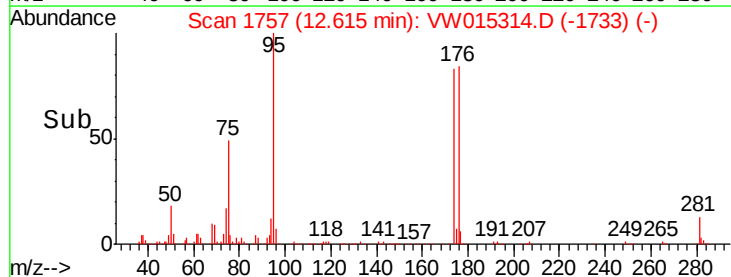
75 100

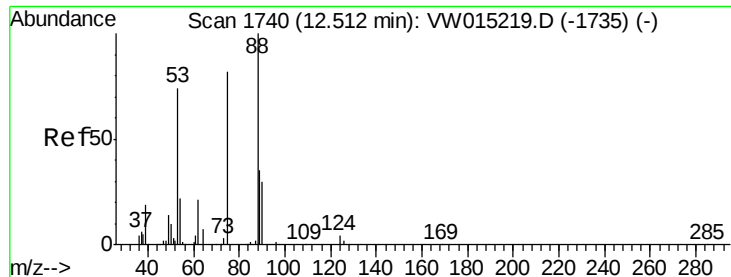
77 1.3 0.0 0.0#



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: 137.785 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015314.D

Acq: 22 Apr 2020 17:45

Instrument :

MSVOA_W

ClientSampleId :

OUTSIDE WALL

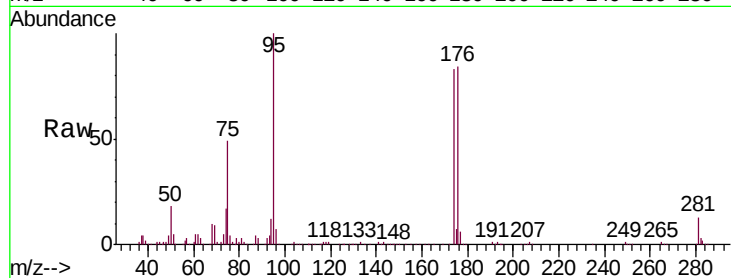
Tgt Ion: 75 Resp: 55043

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 34.8 52.2#



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

