

Data File : VW015309.D
Acq On : 22 Apr 2020 15:39
Operator : SY/VA
Sample : L2352-02RE
Misc : 5.62G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SP-LAWNSIDE

Quant Time: Apr 23 07:03:55 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	216527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	302825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	274066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118158	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	85694	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	7.88	113	87928	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	10.32	98	364225	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.62	95	120365	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	

Target Compounds

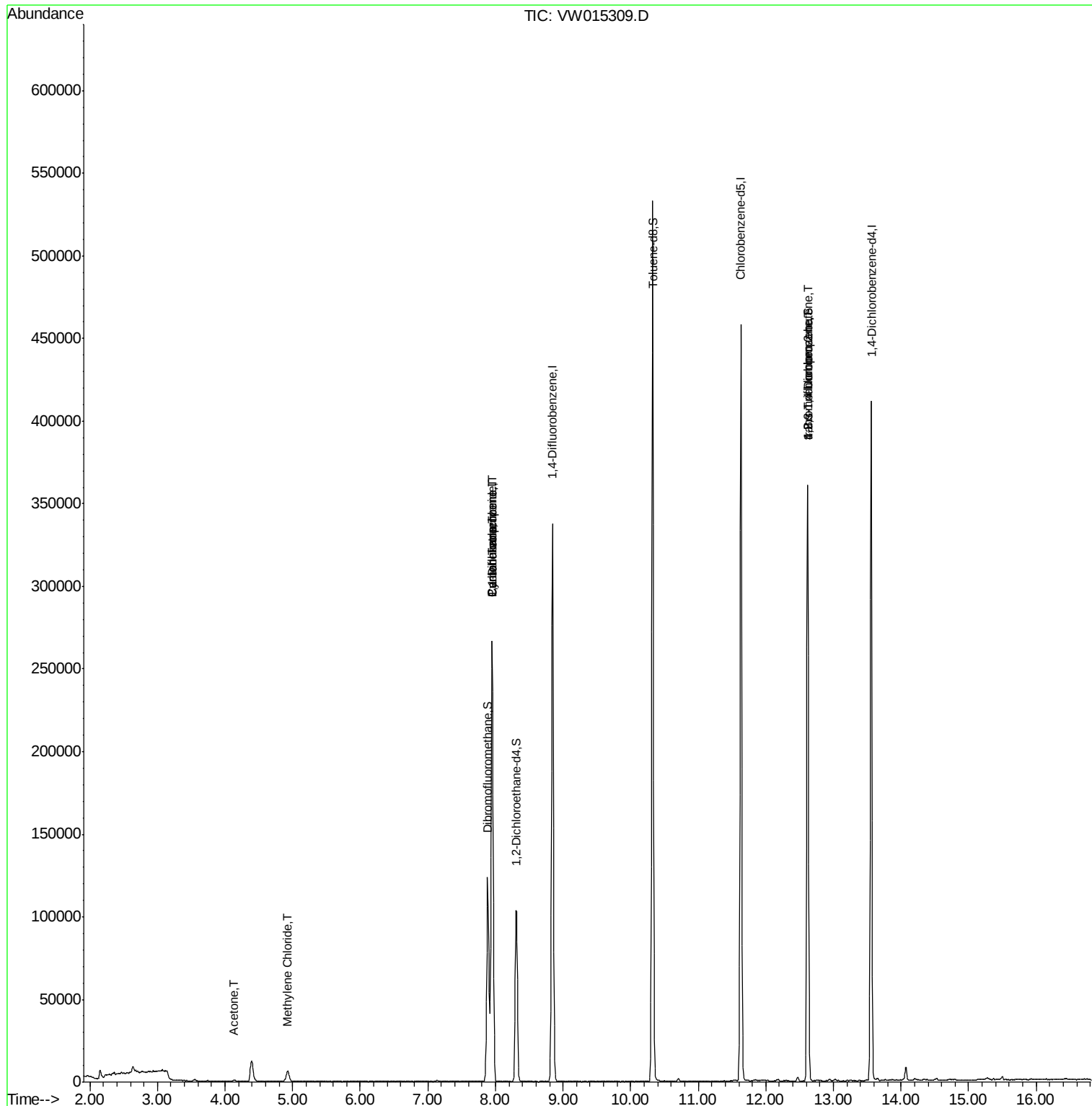
						Qvalue
16) Acetone	4.14	43	1342	4.339	ug/l #	88
20) Methylene Chloride	4.92	84	5289	2.609	ug/l	96
31) Cyclohexane	7.95	56	3856	1.178	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14120	5.166	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19476	6.521	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	59639	65.245	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59639	142.626	ug/l #	15

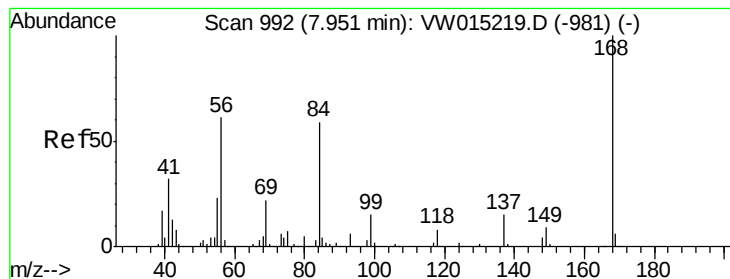
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015309.D

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Instrument :

MSVOA_W

ClientSampleId :

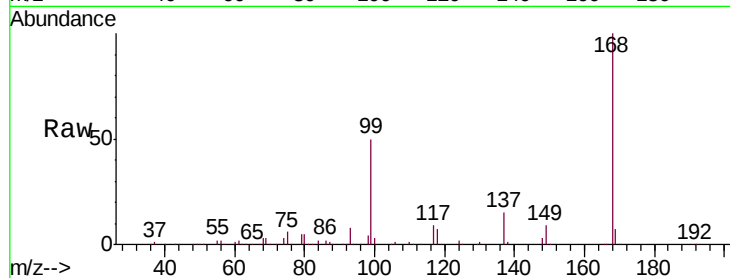
SP-LAWNSIDE

Tgt Ion:168 Resp: 216527

Ion Ratio Lower Upper

168 100

99 49.9 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

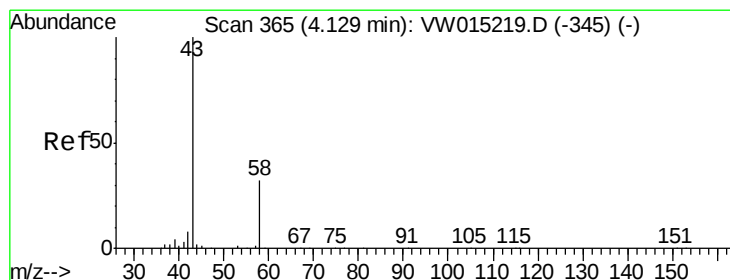
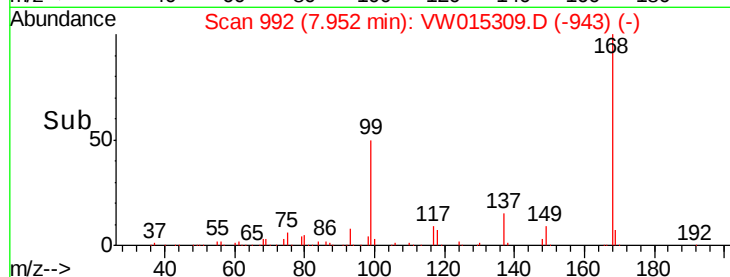
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 4.339 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015309.D

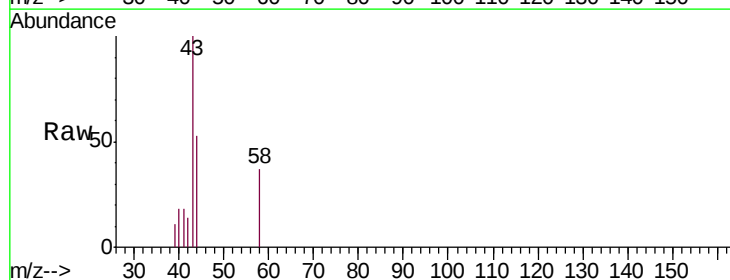
Acq: 22 Apr 2020 15:39

Tgt Ion: 43 Resp: 1342

Ion Ratio Lower Upper

43 100

58 40.6 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

600

500

400

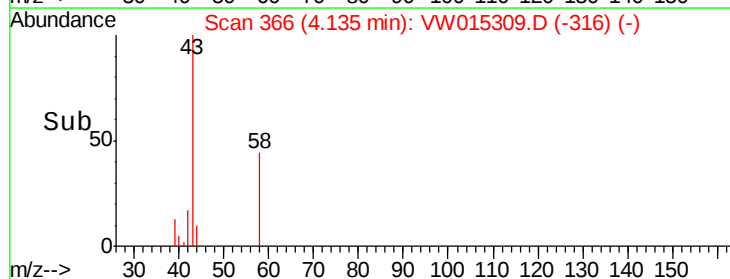
300

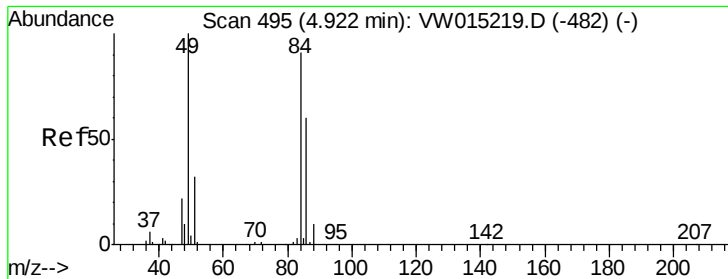
200

100

0

Time--> 4.05 4.10 4.15 4.20

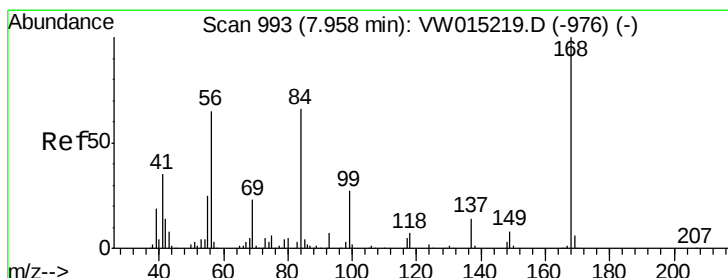
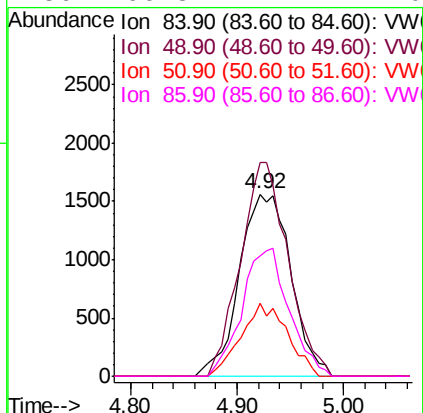
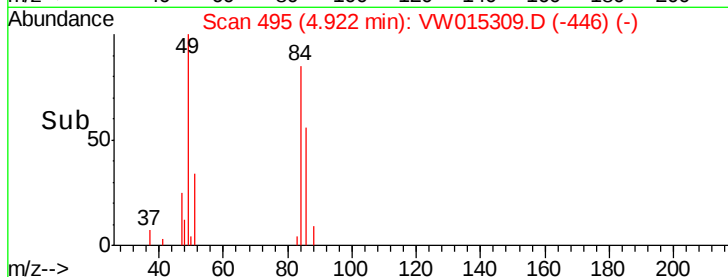
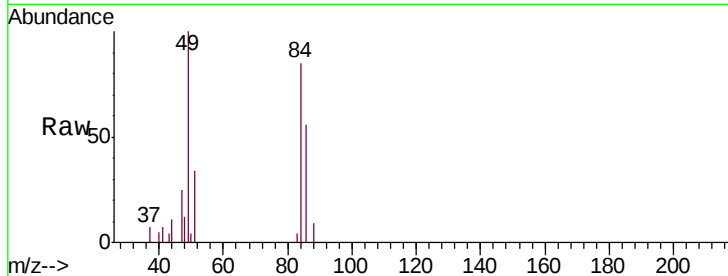




#20
Methylene Chloride
Concen: 2.609 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015309.D
Acq: 22 Apr 2020 15:39

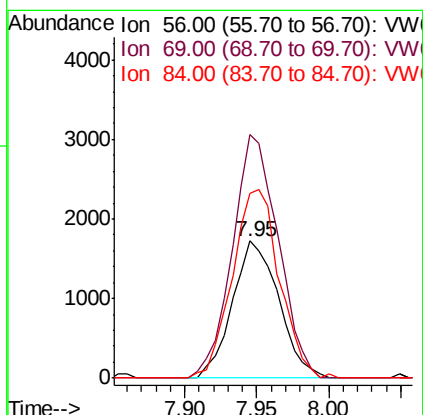
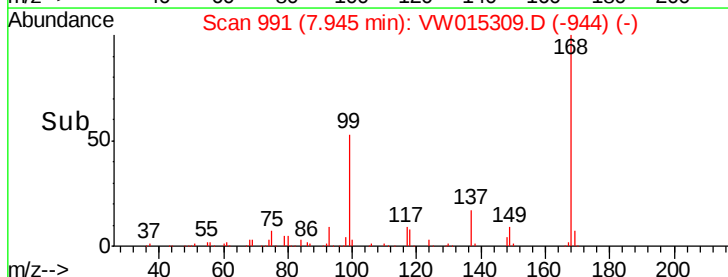
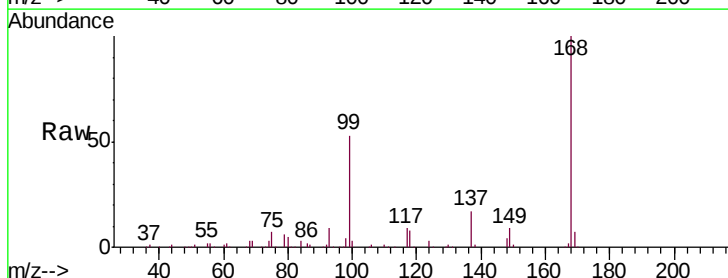
Instrument :
MSVOA_W
ClientSampleId :
SP-LAWNSIDE

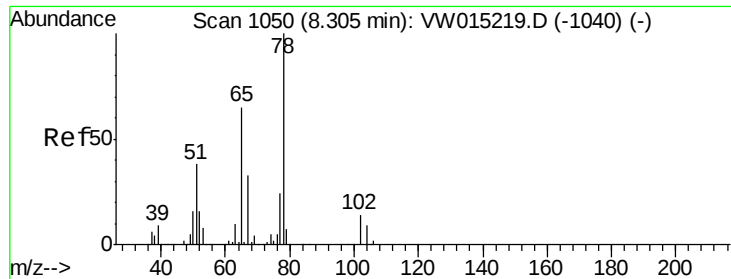
Tgt Ion:	84	Resp:	5289
Ion	Ratio	Lower	Upper
84	100		
49	117.3	95.4	143.0
51	40.4	29.8	44.8
86	66.3	47.4	71.0



#31
Cyclohexane
Concen: 1.178 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015309.D
Acq: 22 Apr 2020 15:39

Tgt Ion:	56	Resp:	3856
Ion	Ratio	Lower	Upper
56	100		
69	177.4	27.1	40.7#
84	134.6	71.9	107.9#

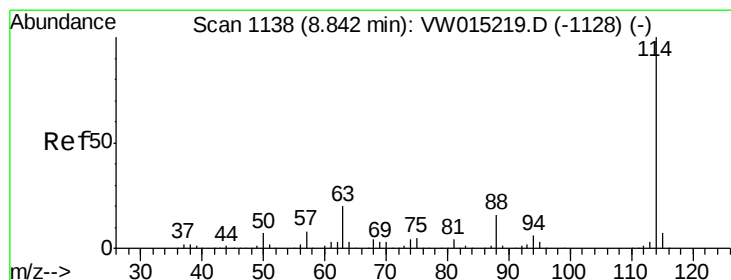
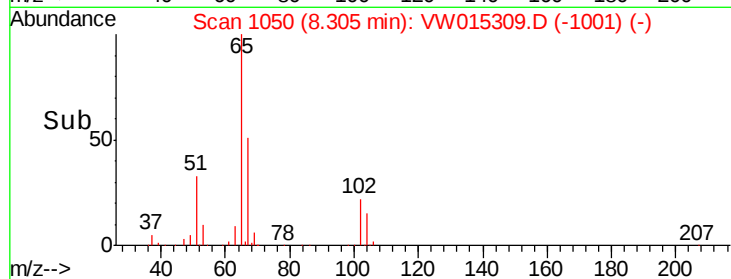
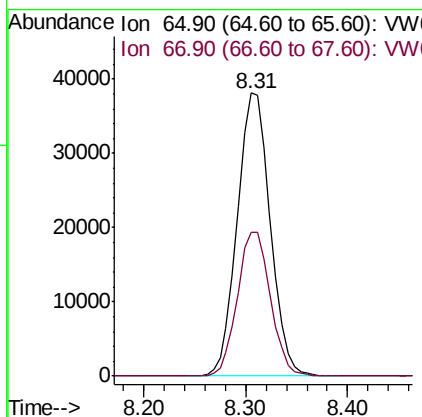
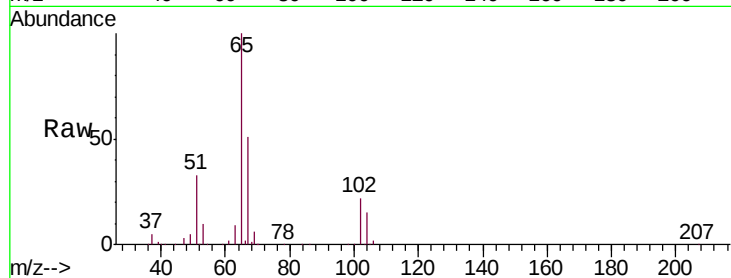




#33
 1,2-Dichloroethane-d4
 Concen: 48.397 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015309.D
 Acq: 22 Apr 2020 15:39

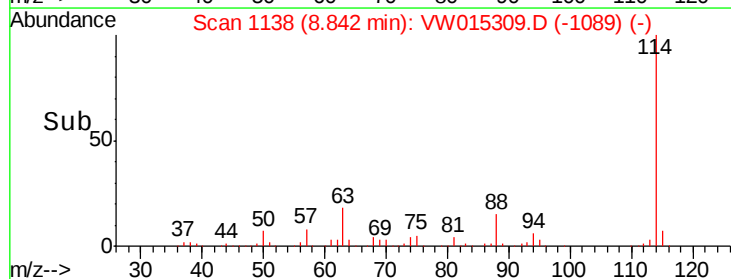
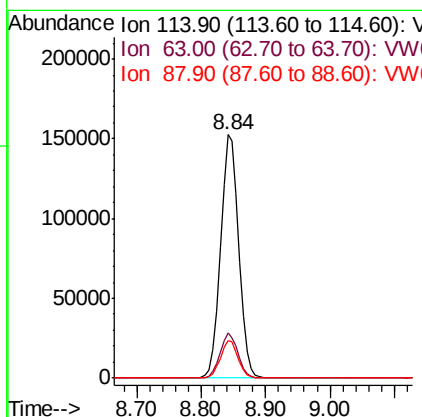
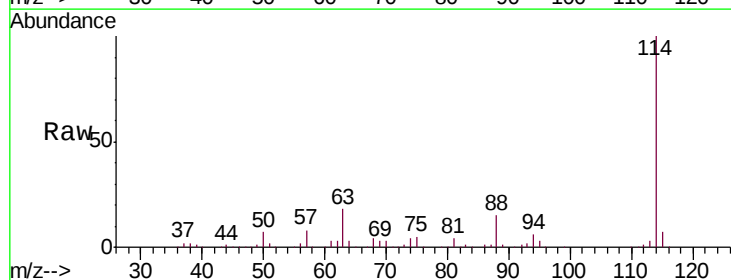
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-LAWNSIDE

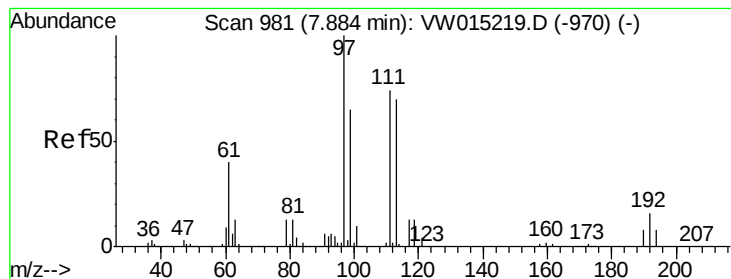
Tgt Ion: 65 Resp: 85694
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015309.D
 Acq: 22 Apr 2020 15:39

Tgt Ion: 114 Resp: 302825
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.8
 88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.419 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015309.D

Acq: 22 Apr 2020 15:39

Instrument :

MSVOA_W

ClientSampleId :

SP-LAWNSIDE

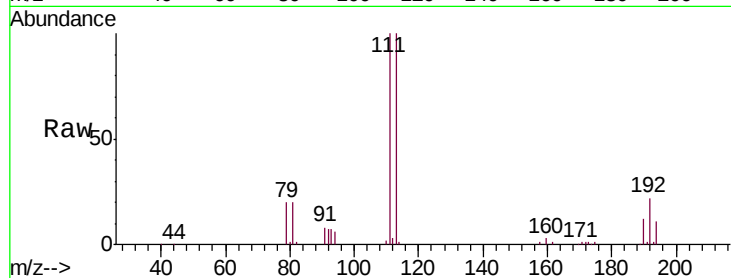
Tgt Ion:113 Resp: 87928

Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.4

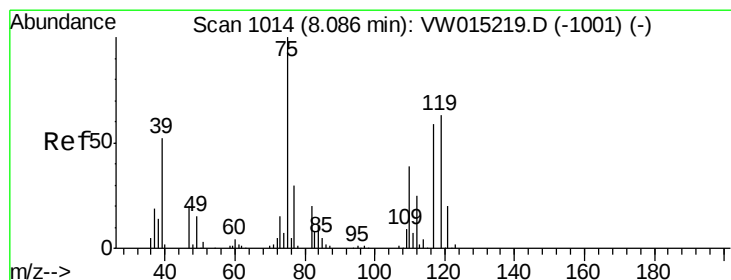
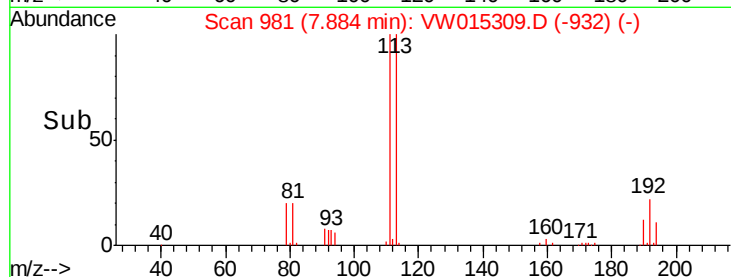
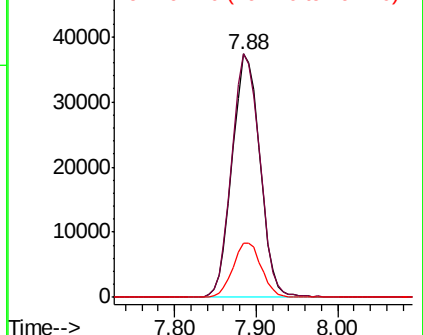
192 22.9 15.1 22.7#



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: 5.166 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015309.D

Acq: 22 Apr 2020 15:39

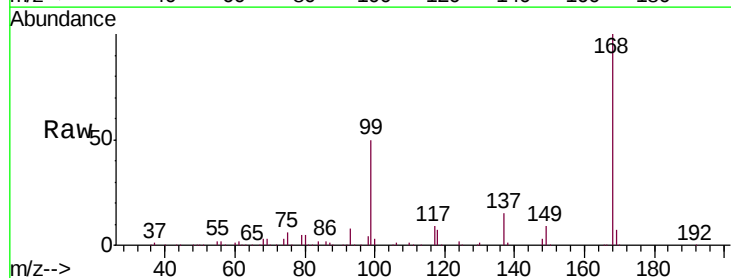
Tgt Ion: 75 Resp: 14120

Ion Ratio Lower Upper

75 100

110 10.0 18.2 54.6#

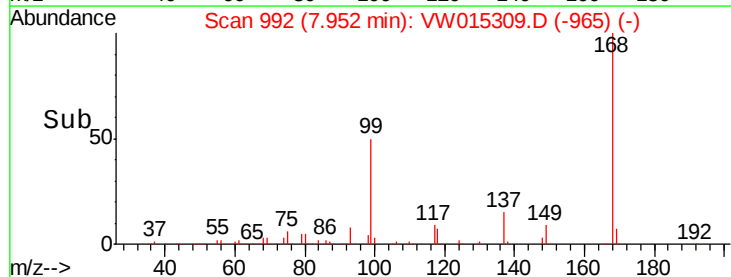
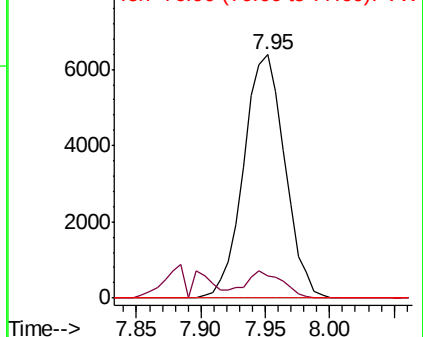
77 0.0 24.5 36.7#

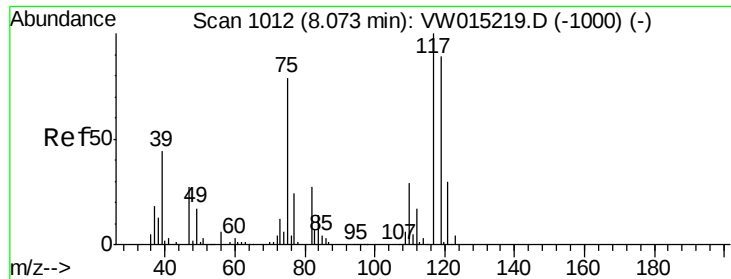


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.521 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW015309.D

Acq: 22 Apr 2020 15:39

Instrument :

MSVOA_W

ClientSampleId :

SP-LAWNSIDE

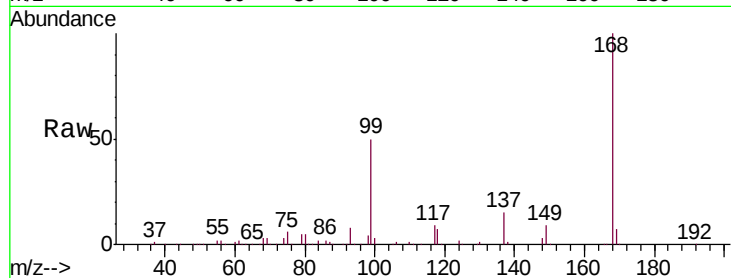
Tgt Ion:117 Resp: 19476

Ion Ratio Lower Upper

117 100

119 3.5 72.3 108.5#

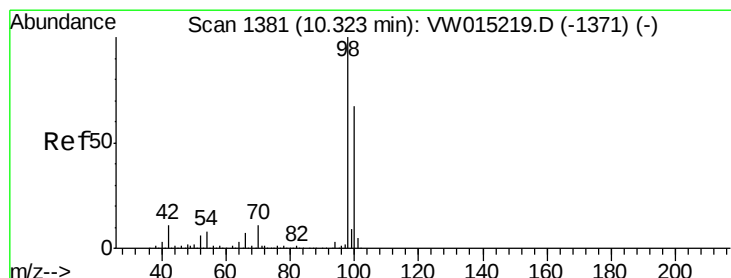
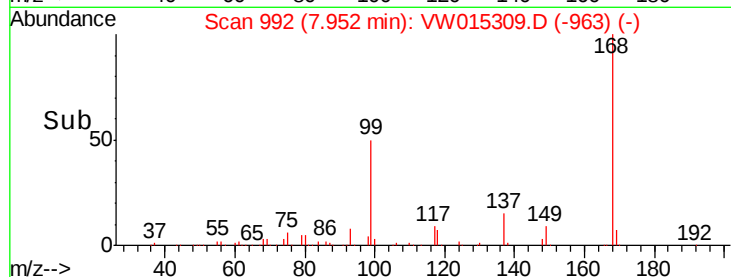
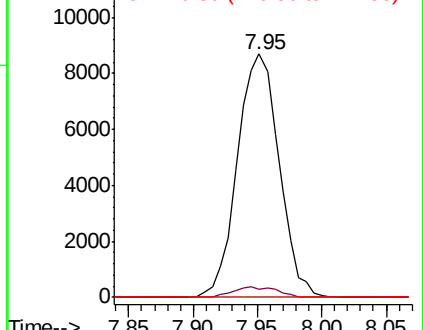
121 0.0 23.7 35.5#



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: 51.617 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015309.D

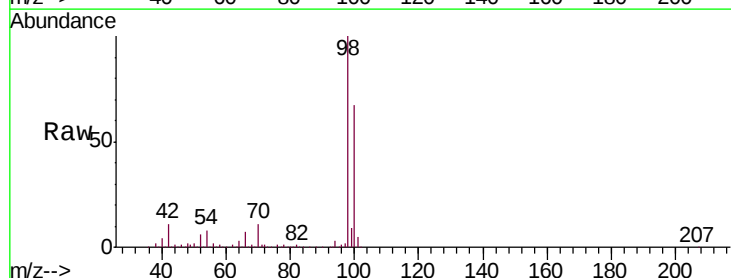
Acq: 22 Apr 2020 15:39

Tgt Ion: 98 Resp: 364225

Ion Ratio Lower Upper

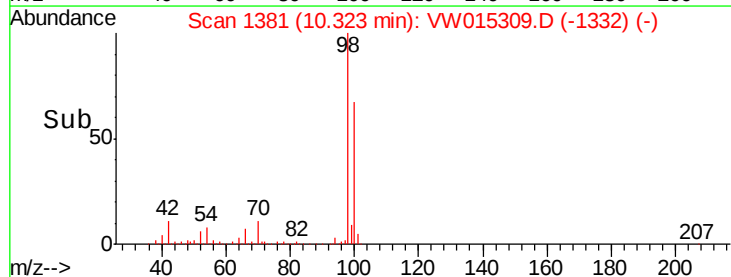
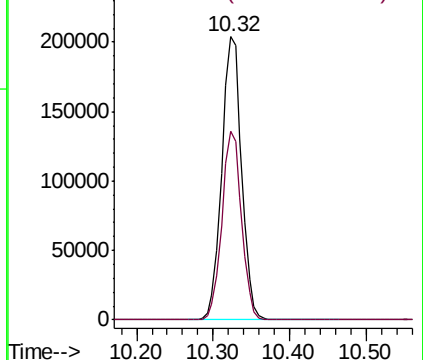
98 100

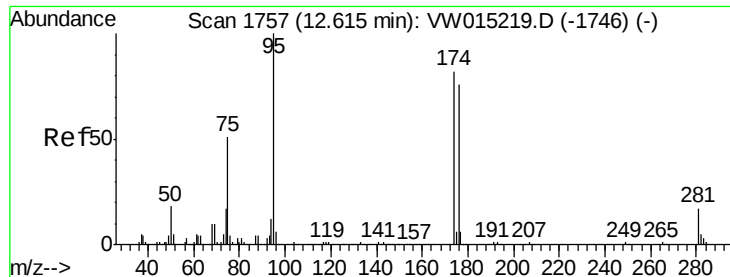
100 65.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 44.707 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW015309.D

Acq: 22 Apr 2020 15:39

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MSVOA_W

ClientSampleId :

SP-LAWNSIDE

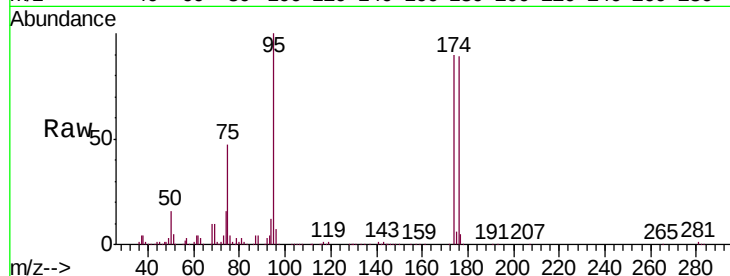
Tgt Ion: 95 Resp: 120365

Ion Ratio Lower Upper

95 100

174 89.2 0.0 144.4

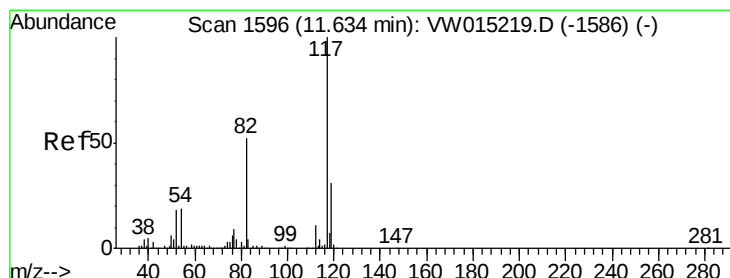
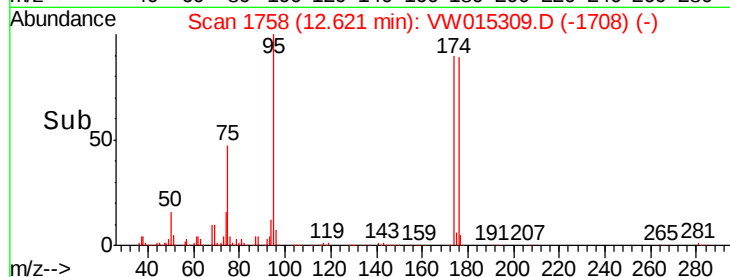
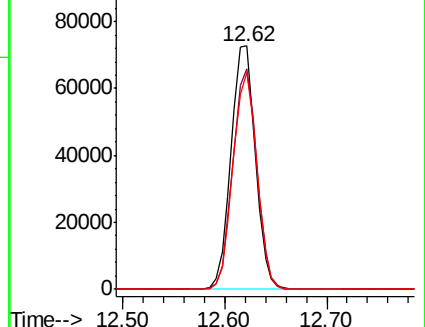
176 86.7 0.0 140.6



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: VW015309.D

Acq: 22 Apr 2020 15:39

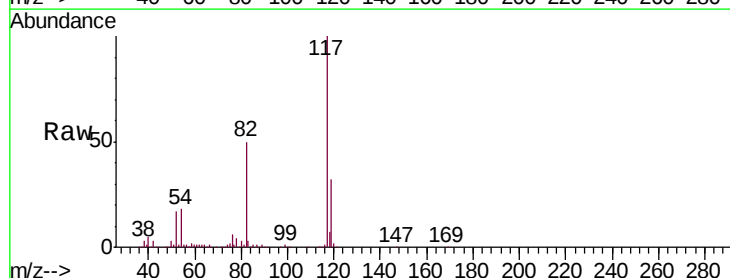
Tgt Ion: 117 Resp: 274066

Ion Ratio Lower Upper

117 100

82 49.9 44.1 66.1

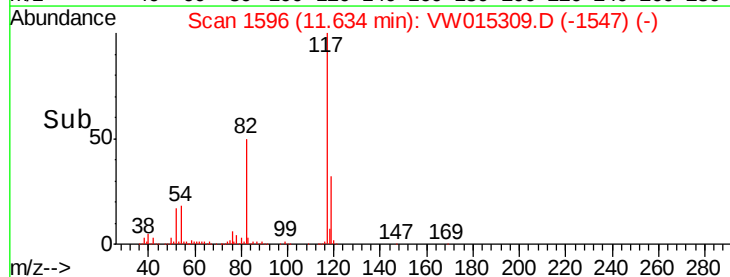
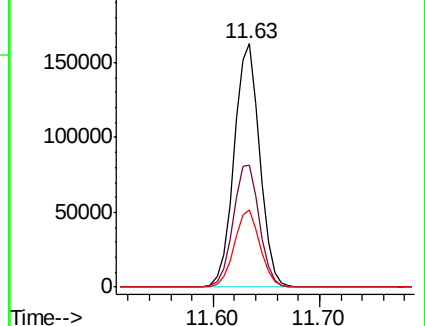
119 31.6 24.9 37.3

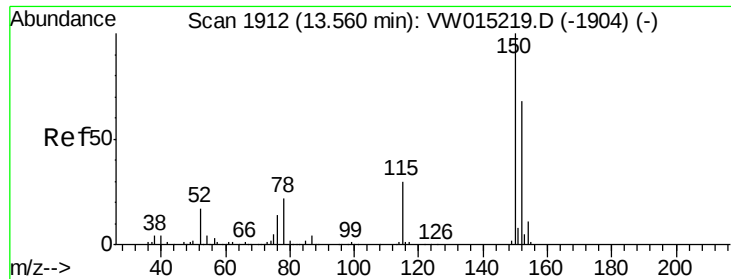


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW015309.D

Acq: 22 Apr 2020 15:39

Instrument :

MSVOA_W

ClientSampleId :

SP-LAWNSIDE

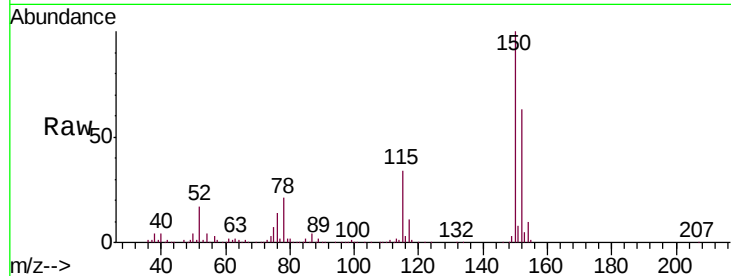
Tgt Ion:152 Resp: 118158

Ion Ratio Lower Upper

152 100

115 55.8 31.3 93.9

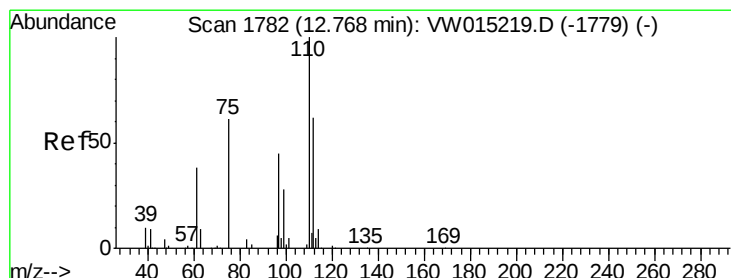
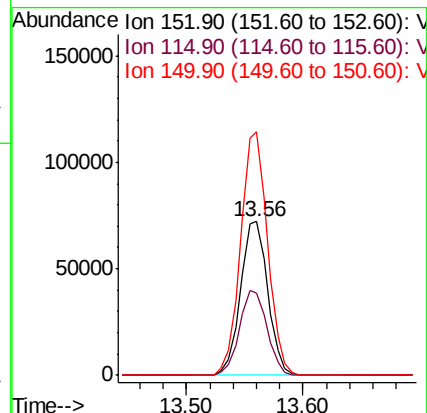
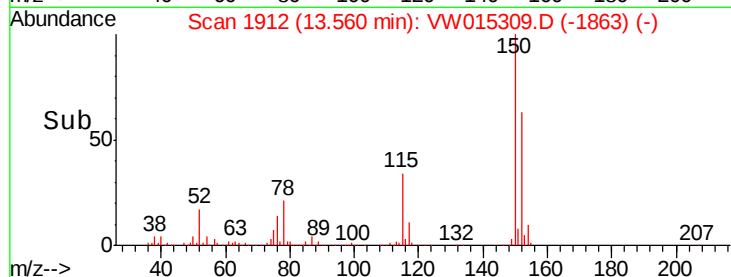
150 156.5 0.0 343.4



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: 65.245 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015309.D

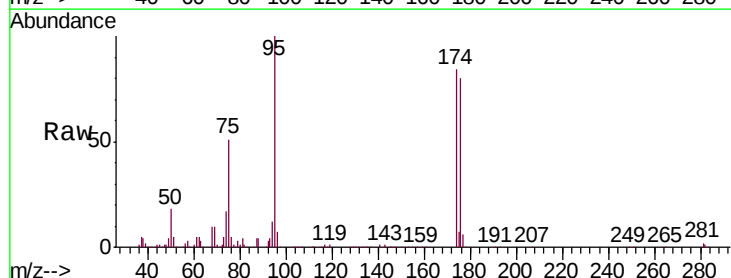
Acq: 22 Apr 2020 15:39

Tgt Ion: 75 Resp: 59639

Ion Ratio Lower Upper

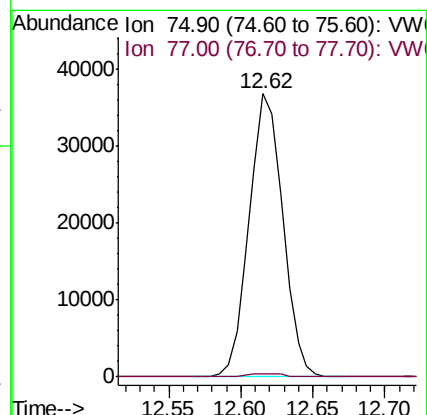
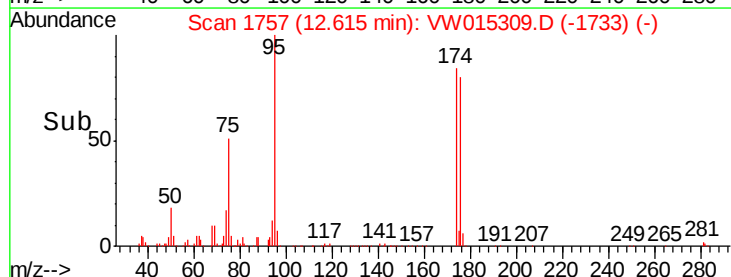
75 100

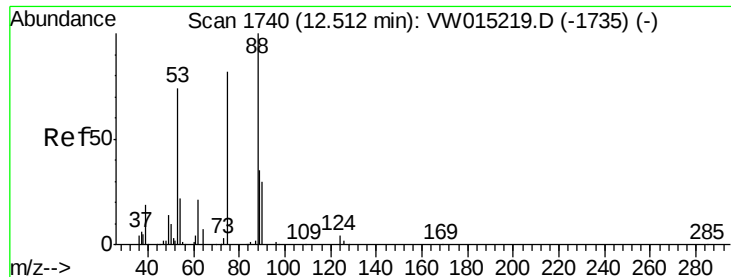
77 1.3 0.0 0.0#



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: 142.626 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015309.D

Acq: 22 Apr 2020 15:39

Instrument :

MSVOA_W

ClientSampleId :

SP-LAWNSIDE

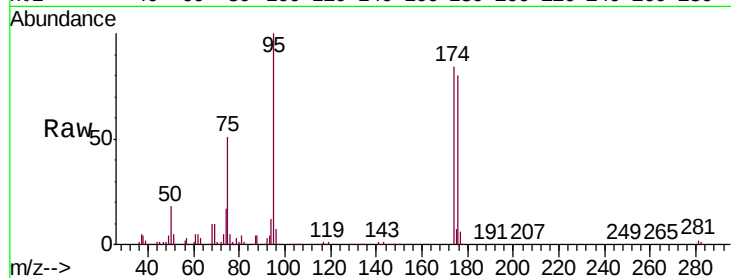
Tgt Ion: 75 Resp: 59639

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

