

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008899.D
 Acq On : 28 Feb 2019 20:30
 Operator : SY/VA
 Sample : K1638-02RE
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PE-2(SOUTH-SITE-WALL)

Quant Time: Mar 01 06:03:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

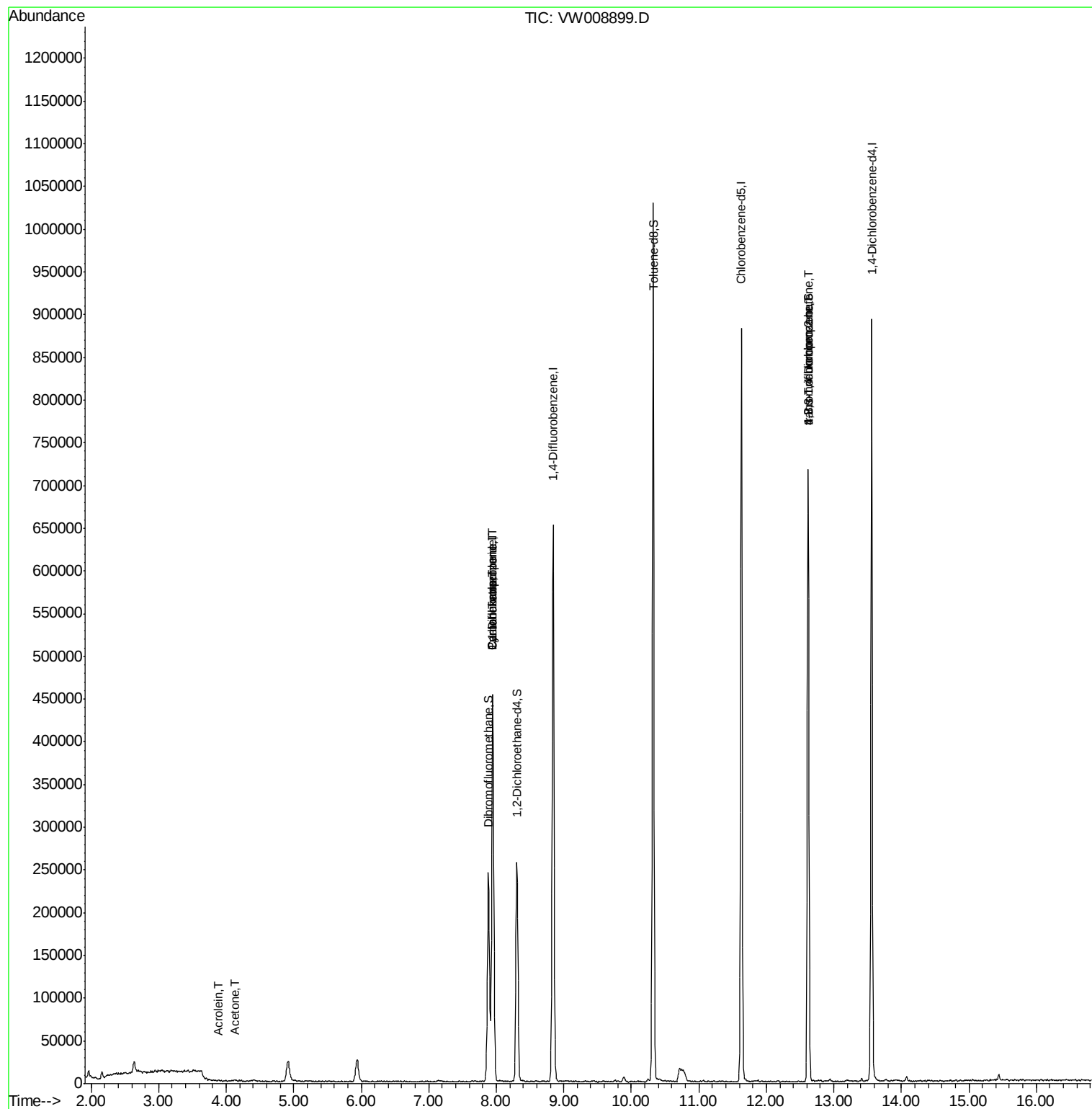
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	346430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	534292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	473855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	224480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	189724	58.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.78%	
35) Dibromofluoromethane	7.88	113	161622	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	10.32	98	642591	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.62	95	219441	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.52%	
Target Compounds						
13) Acrolein	3.88	56	184	20.335	ug/l	89
16) Acetone	4.12	43	2512	3.335	ug/l	99
20) Methylene Chloride	4.91	84	18468	Below Cal		97
31) Cyclohexane	7.95	56	8024	1.310	ug/l #	36
36) 1,1-Dichloropropene	7.95	75	24886	4.785	ug/l #	50
38) Carbon Tetrachloride	7.95	117	33155	6.045	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	115225	62.170	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	115225	151.140	ug/l #	6

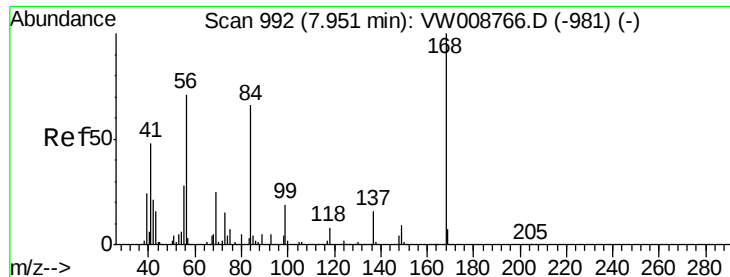
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PE-2(SOUTH-SITE-WALL)

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Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
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: VW008899.D

Acq: 28 Feb 2019 20:30

Instrument :

MSVOA_W

ClientSampleId :

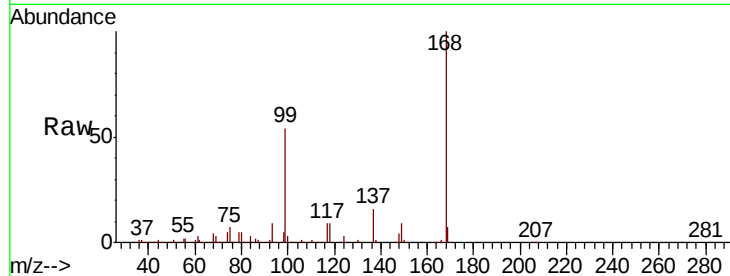
PE-2(SOUTH-SITE-WALL)

Tot Ion:168 Resp: 346430

Ion Ratio Lower Upper

168 100

99 53.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

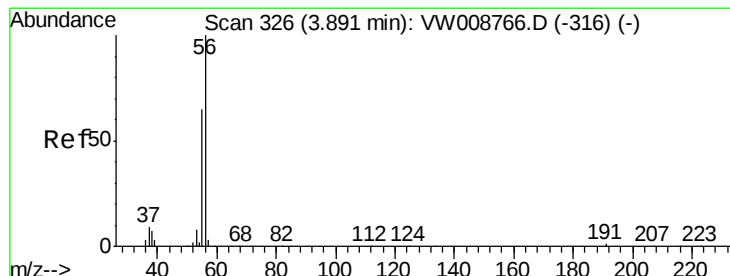
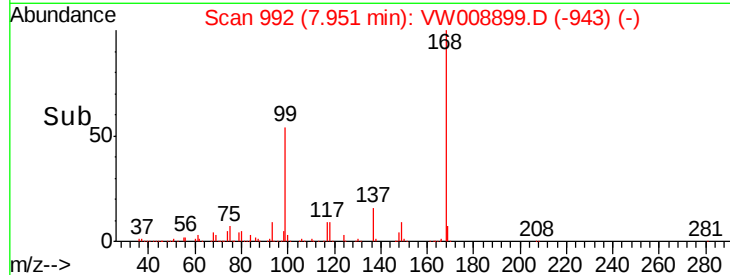
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#13

Acrolein

Concen: 20.335 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008899.D

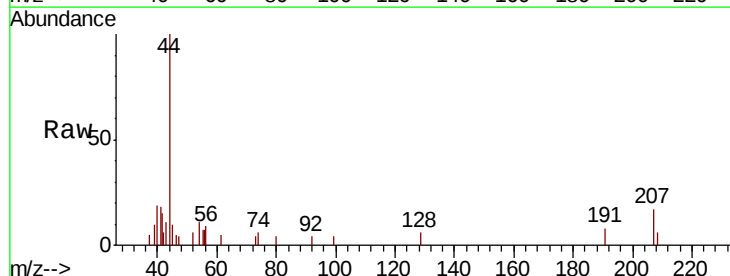
Acq: 28 Feb 2019 20:30

Tgt Ion: 56 Resp: 184

Ion Ratio Lower Upper

56 100

55 79.9 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.88

200

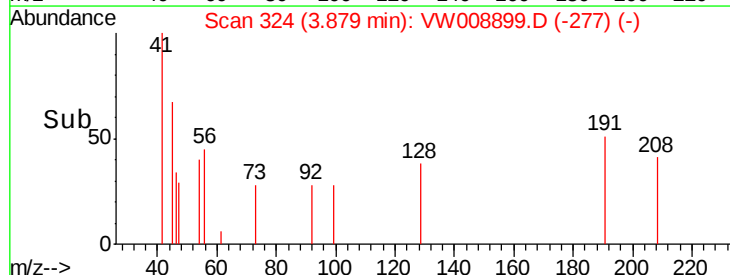
150

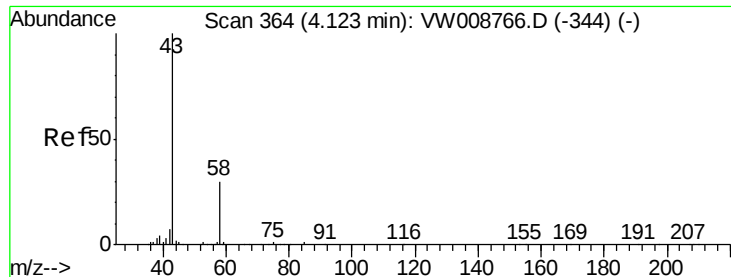
100

50

0

Time--> 3.84 3.86 3.88 3.90





#16

Acetone

Concen: 3.335 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW008899.D

Acq: 28 Feb 2019 20:30

Instrument :

MSVOA_W

ClientSampleId :

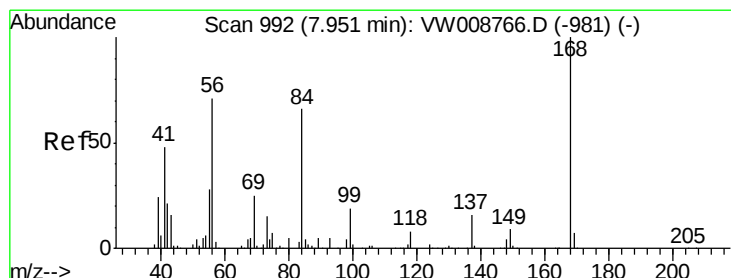
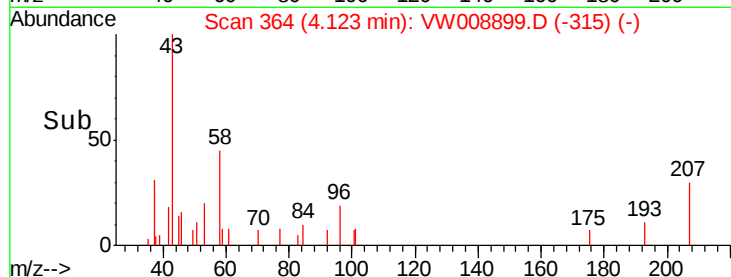
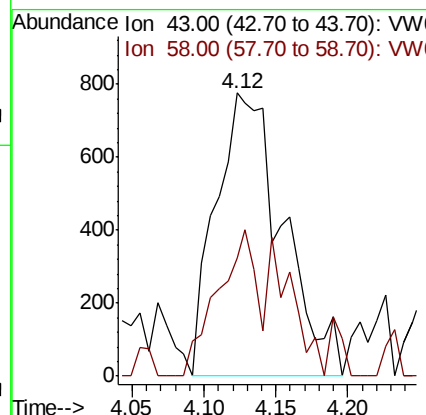
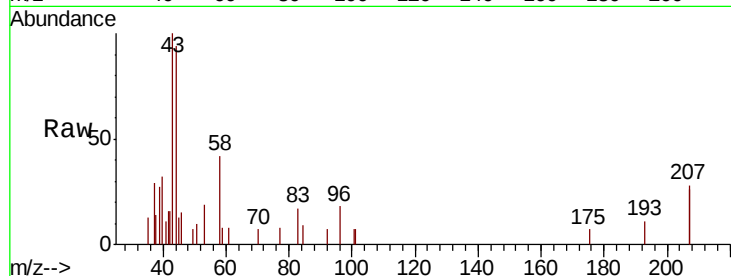
PE-2(SOUTH-SITE-WALL)

Tot Ion: 43 Resp: 2512

Ion Ratio Lower Upper

43 100

58 29.4 23.8 35.6



#31

Cyclohexane

Concen: 1.310 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008899.D

Acq: 28 Feb 2019 20:30

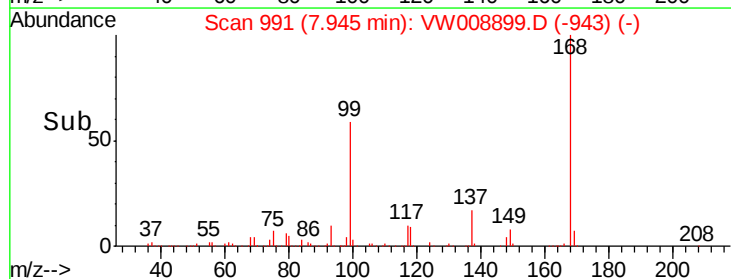
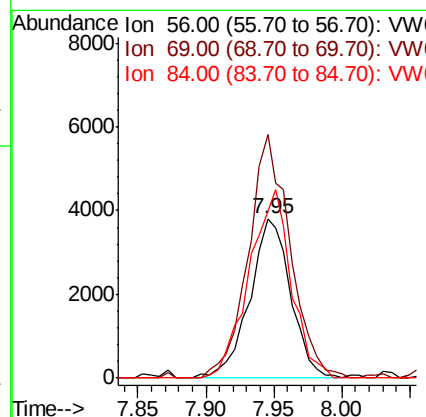
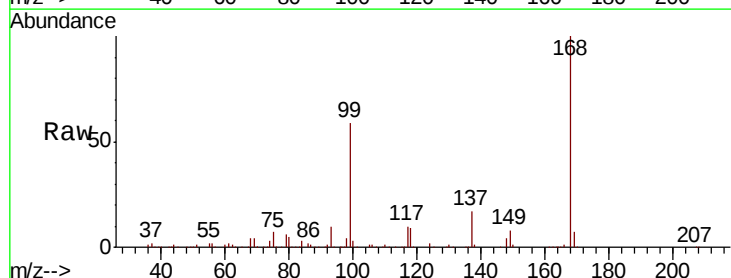
Tgt Ion: 56 Resp: 8024

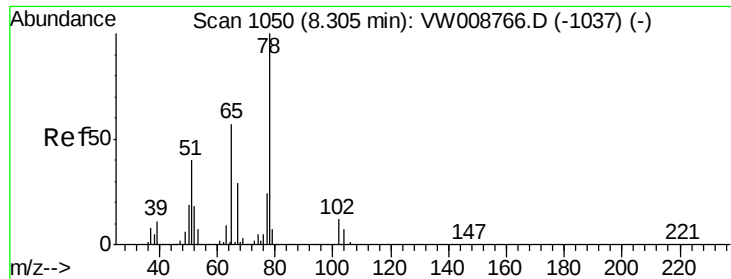
Ion Ratio Lower Upper

56 100

69 152.4 28.2 42.4#

84 104.3 74.1 111.1

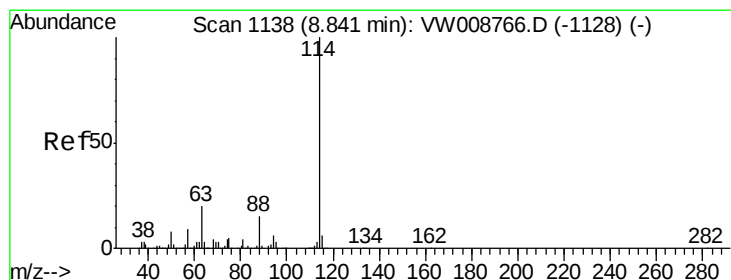
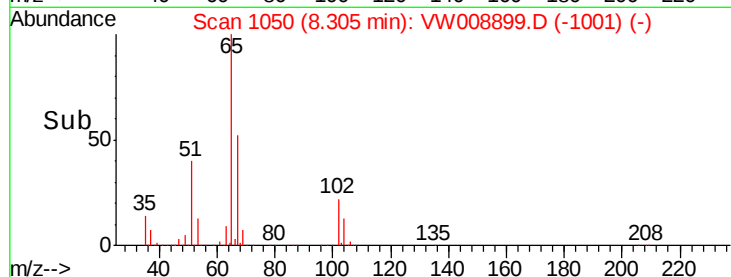
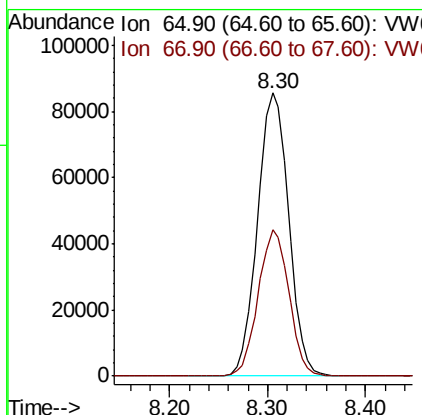
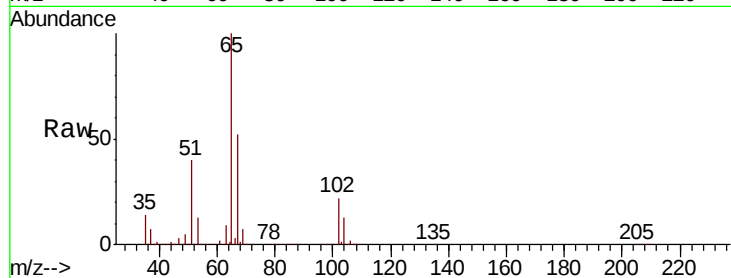




#33
 1,2-Dichloroethane-d4
 Concen: 58.391 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008899.D
 Acq: 28 Feb 2019 20:30

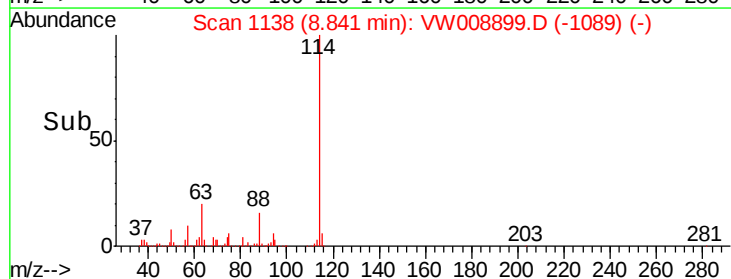
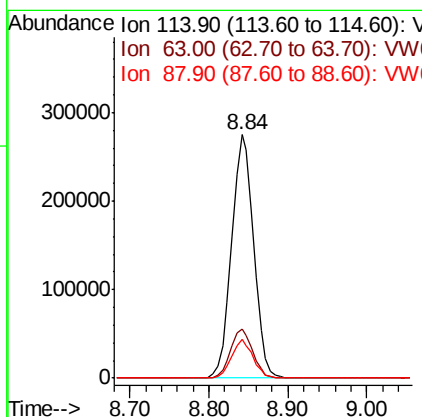
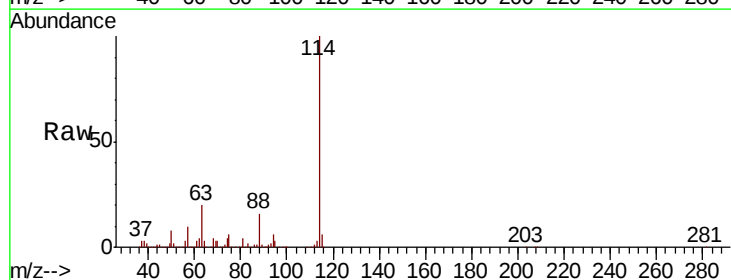
Instrument :
 MSVOA_W
 ClientSampleId :
 PE-2(SOUTH-SITE-WALL)

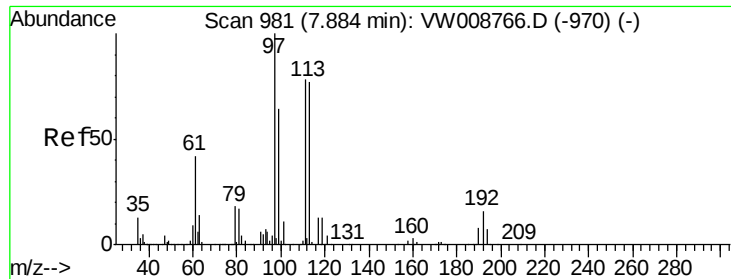
Tot Ion: 65 Resp: 189724
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008899.D
 Acq: 28 Feb 2019 20:30

Tgt Ion: 114 Resp: 534292
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.382 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008899.D

Acq: 28 Feb 2019 20:30

Instrument :
MSVOA_W
ClientSampleId :
PE-2(SOUTH-SITE-WALL)

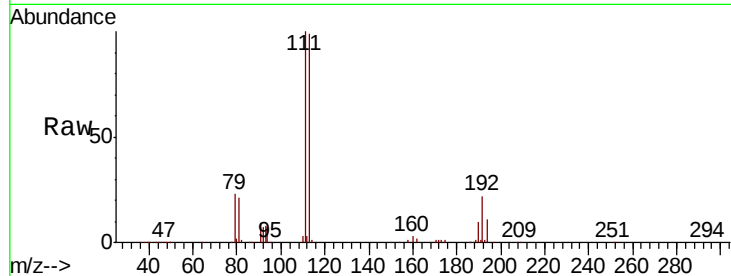
Tot Ion:113 Resp: 161622

Ion Ratio Lower Upper

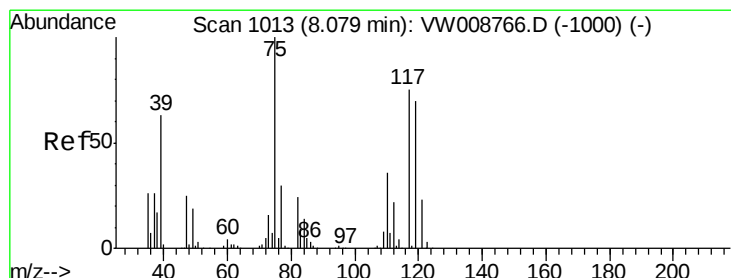
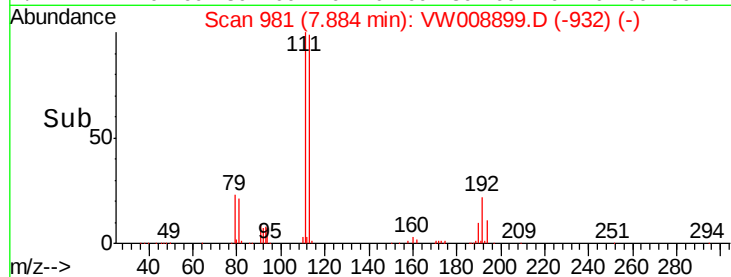
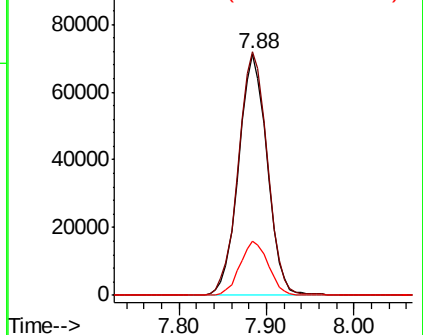
113 100

111 102.5 81.9 122.9

192 22.4 17.1 25.7



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: 4.785 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008899.D

Acq: 28 Feb 2019 20:30

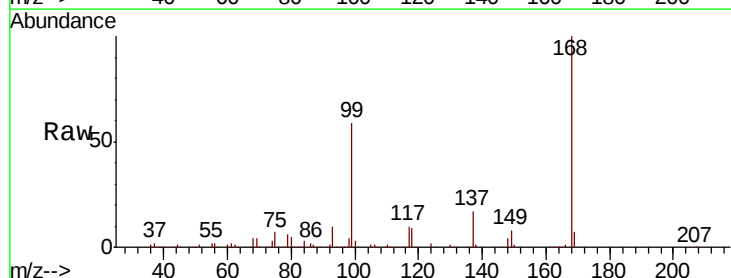
Tgt Ion: 75 Resp: 24886

Ion Ratio Lower Upper

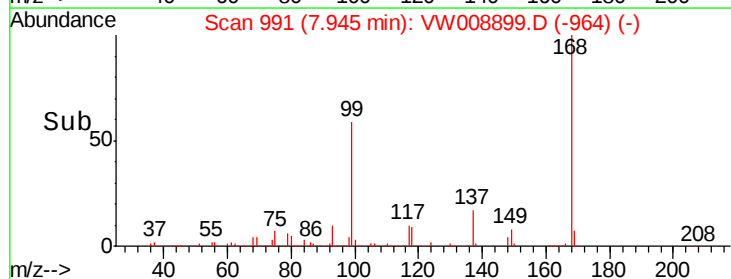
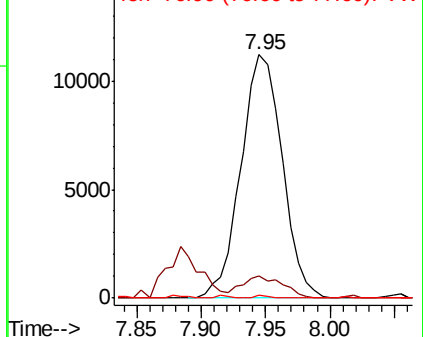
75 100

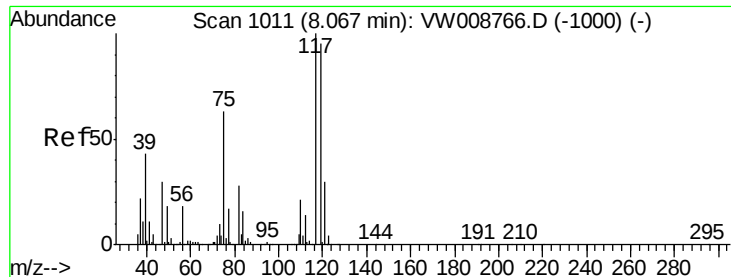
110 9.1 17.5 52.6#

77 0.3 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

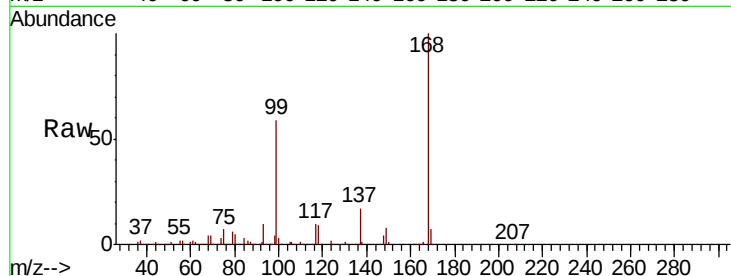




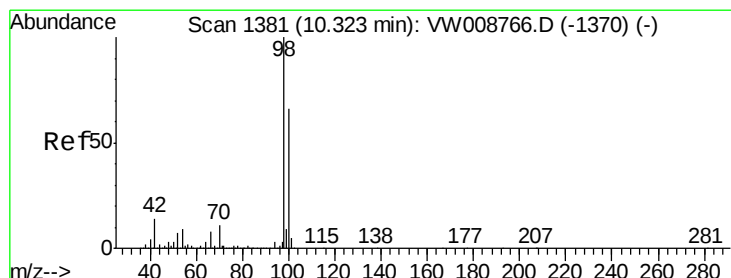
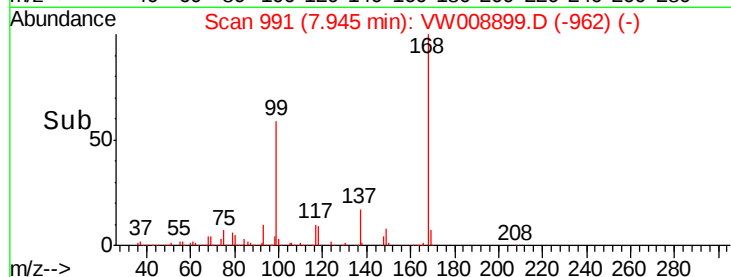
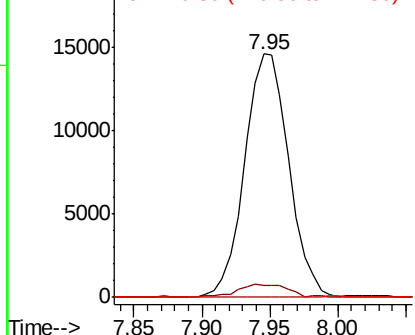
#38
Carbon Tetrachloride
Concen: 6.045 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008899.D
Acq: 28 Feb 2019 20:30

Instrument :
MSVOA_W
ClientSampleId :
PE-2(SOUTH-SITE-WALL)

Tot Ion:117 Resp: 33155
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 24.0 36.0#

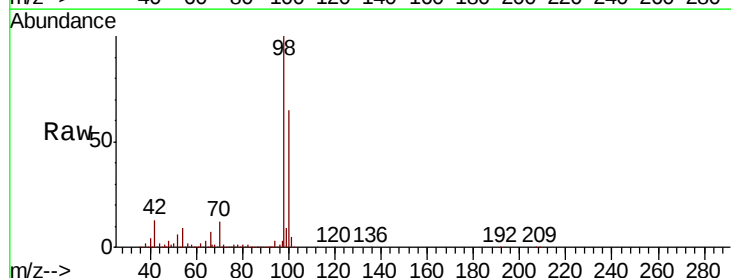


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

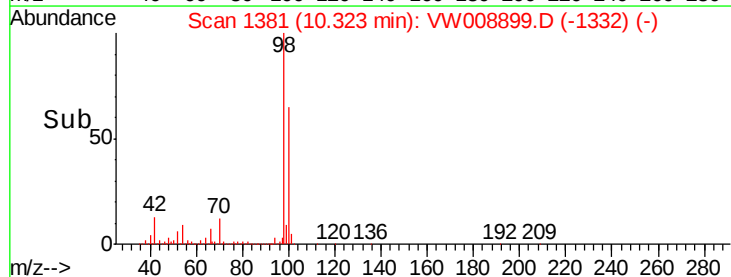
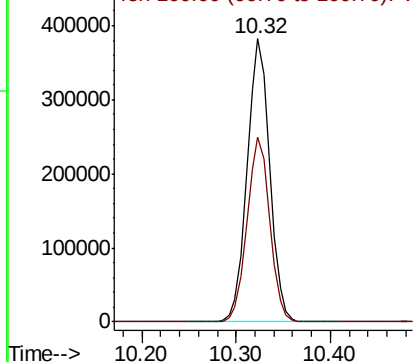


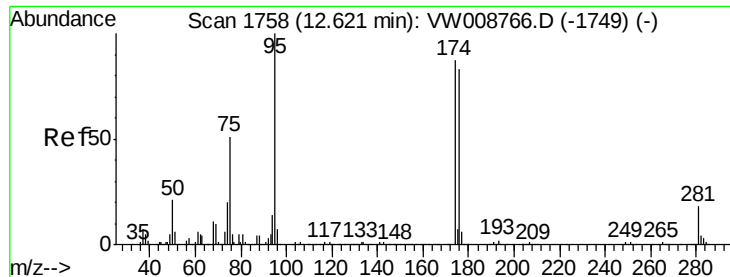
#50
Toluene-d8
Concen: 51.890 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008899.D
Acq: 28 Feb 2019 20:30

Tgt Ion: 98 Resp: 642591
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

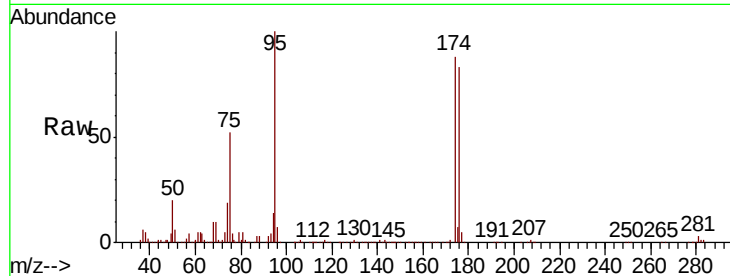




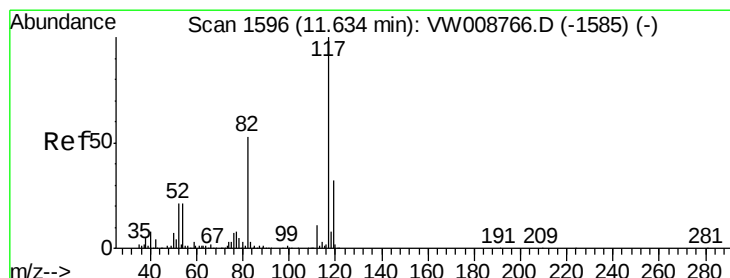
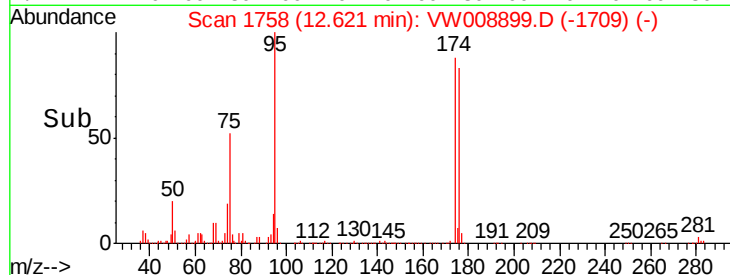
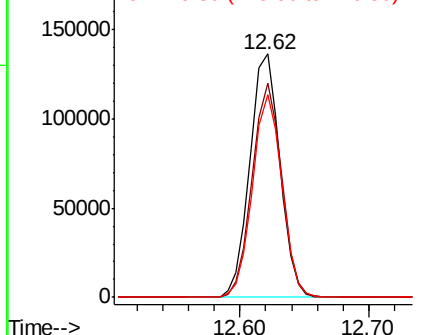
#62
4-Bromofluorobenzene
Concen: 45.258 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008899.D
Acq: 28 Feb 2019 20:30

Instrument :
MSVOA_W
ClientSampleId :
PE-2(SOUTH-SITE-WALL)

Tot Ion: 95 Resp: 219441
Ion Ratio Lower Upper
95 100
174 86.4 0.0 169.2
176 81.6 0.0 163.6

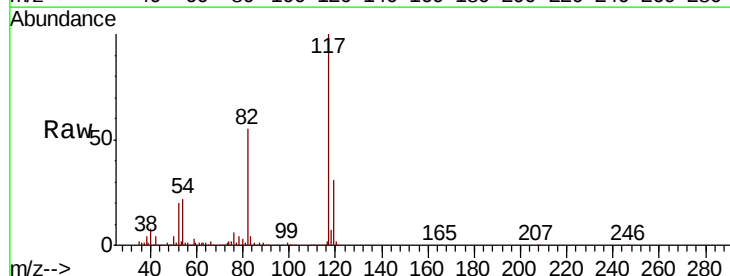


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

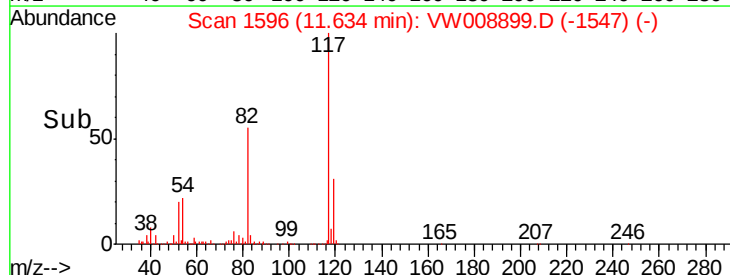
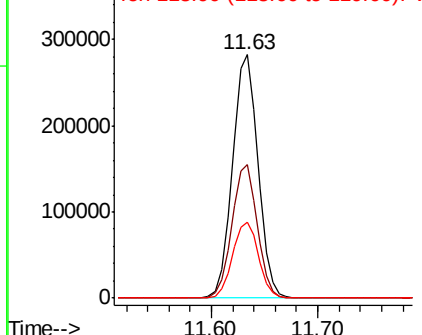


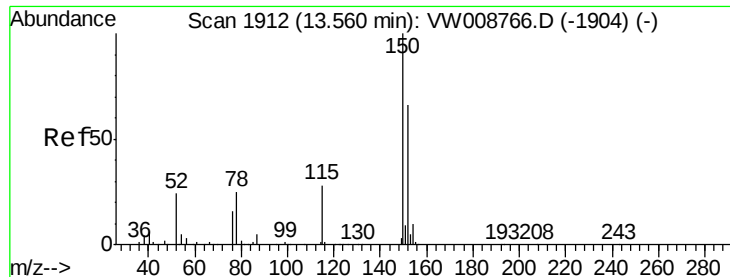
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008899.D
Acq: 28 Feb 2019 20:30

Tgt Ion: 117 Resp: 473855
Ion Ratio Lower Upper
117 100
82 55.0 42.2 63.4
119 31.4 25.9 38.9



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: VW008899.D

Acq: 28 Feb 2019 20:30

Instrument :

MSVOA_W

ClientSampleId :

PE-2(SOUTH-SITE-WALL)

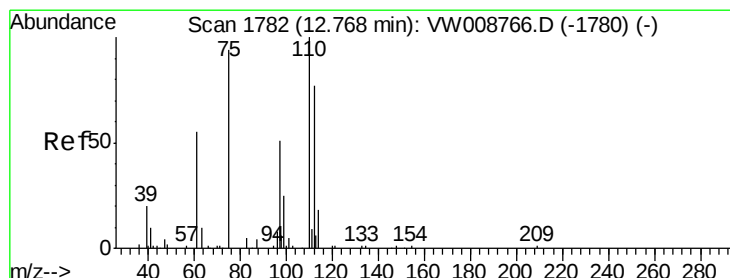
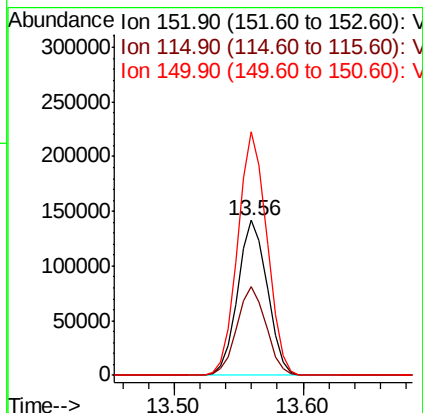
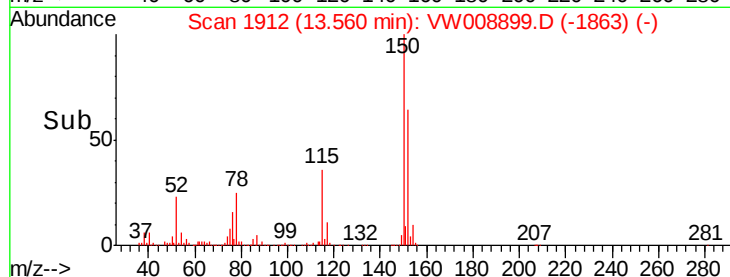
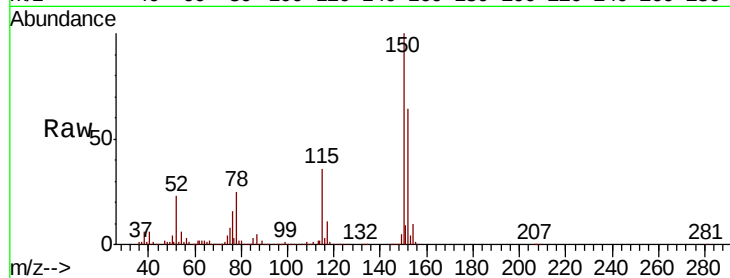
Tot Ion:152 Resp: 224480

Ion Ratio Lower Upper

152 100

115 56.8 28.6 85.8

150 155.9 0.0 348.0



#76

1,2,3-Trichloropropane

Concen: 62.170 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008899.D

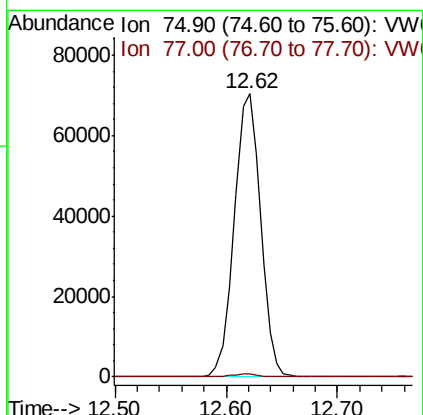
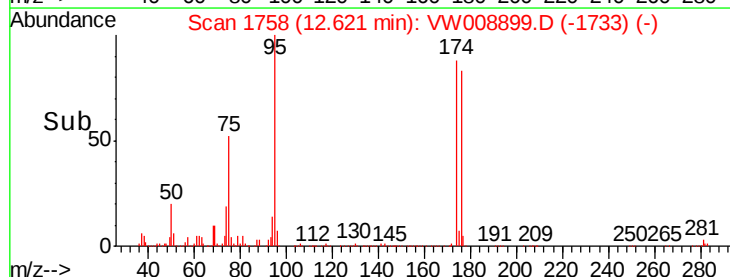
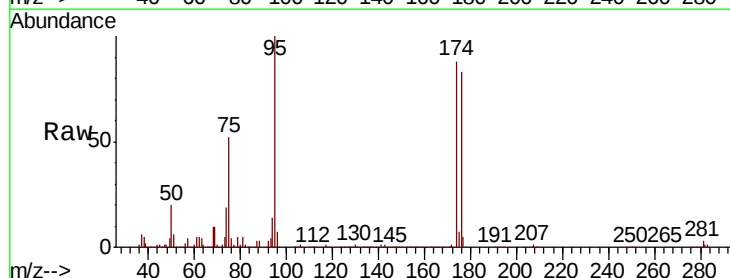
Acq: 28 Feb 2019 20:30

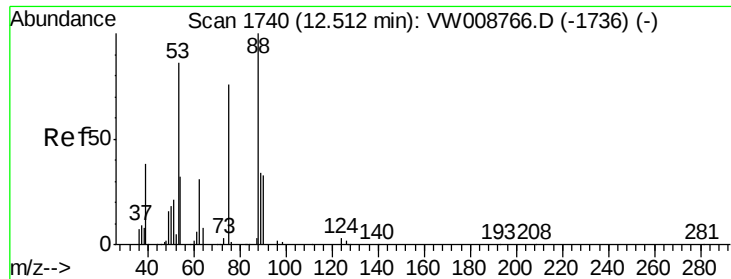
Tgt Ion: 75 Resp: 115225

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 151.140 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008899.D

Acq: 28 Feb 2019 20:30

Instrument :

MSVOA_W

ClientSampleId :

PE-2(SOUTH-SITE-WALL)

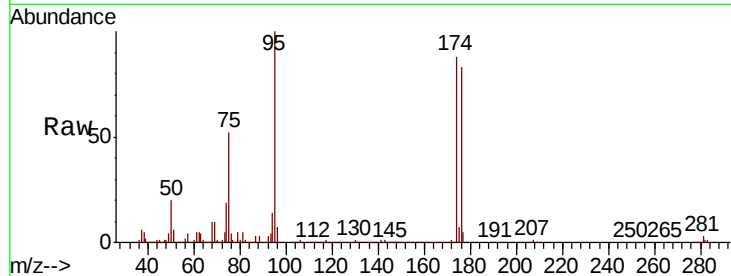
Tot Ion: 75 Resp: 115225

Ion Ratio Lower Upper

75 100

53 0.0 88.2 132.2#

89 0.1 39.5 59.3#



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

