

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
 Data File : VW012297.D
 Acq On : 29 Aug 2019 12:37
 Operator : SY/VA
 Sample : K4510-07
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-43-8.5-9.0

Quant Time: Aug 30 06:47:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

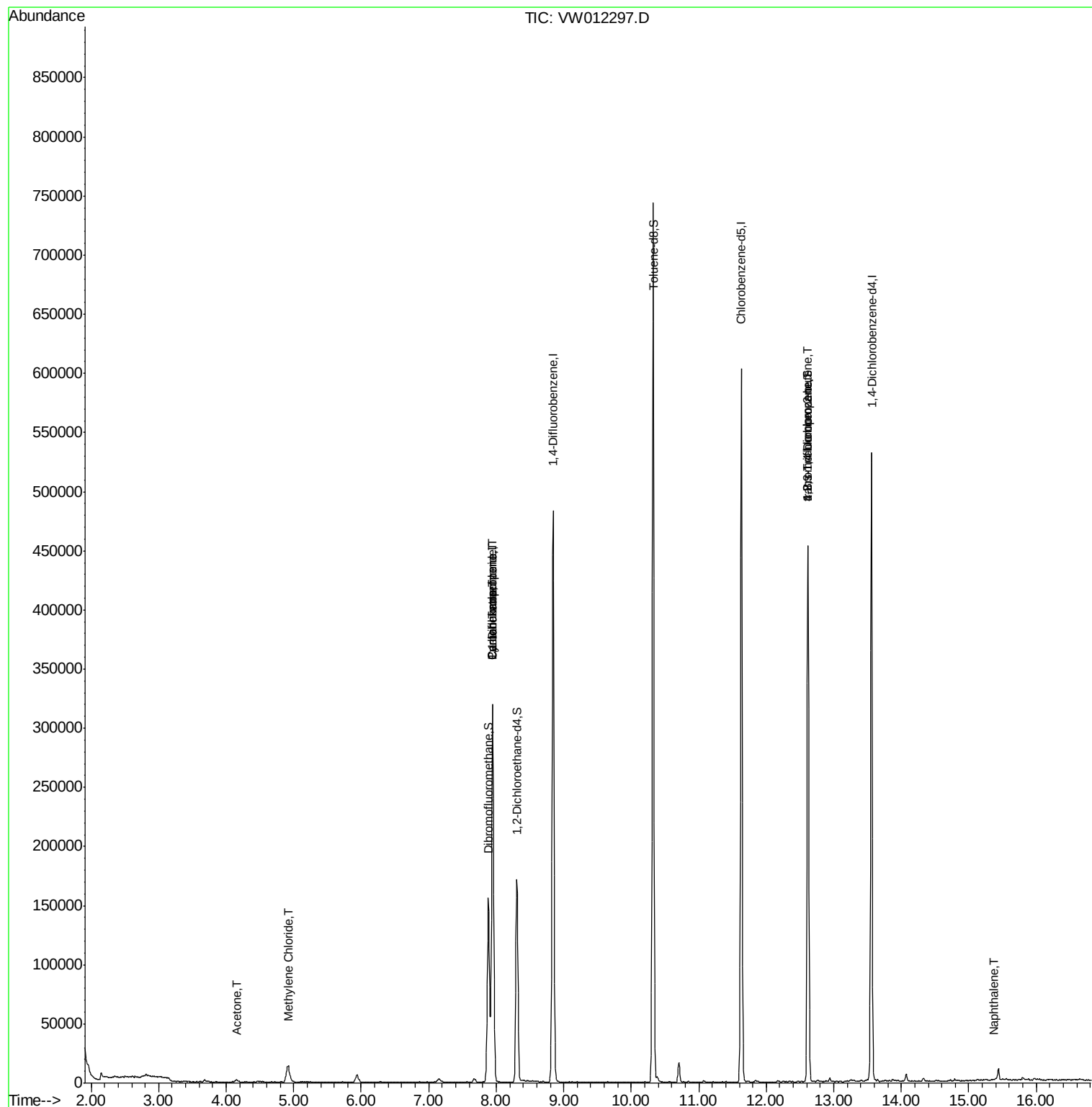
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134756	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134715	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
35) Dibromofluoromethane	7.88	113	112316	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	10.32	98	463218	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.62	95	151686	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	4448	6.297	ug/l	95
20) Methylene Chloride	4.92	84	9980	3.737	ug/l	94
31) Cyclohexane	7.95	56	5496	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19767	5.021	ug/l #	52
38) Carbon Tetrachloride	7.95	117	23072	6.771	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	81120	61.809	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	81120	135.519	ug/l #	6
95) Naphthalene	15.38	128	918	4.486	ug/l #	88

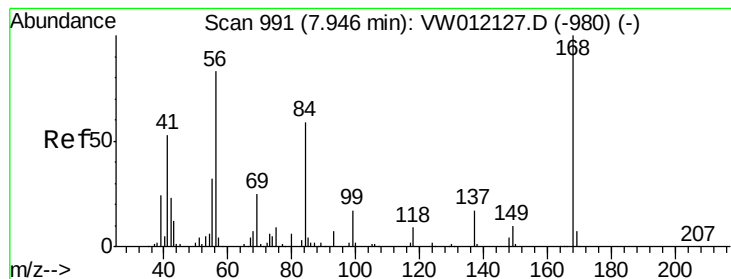
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-43-8.5-9.0

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012297.D

Acq: 29 Aug 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

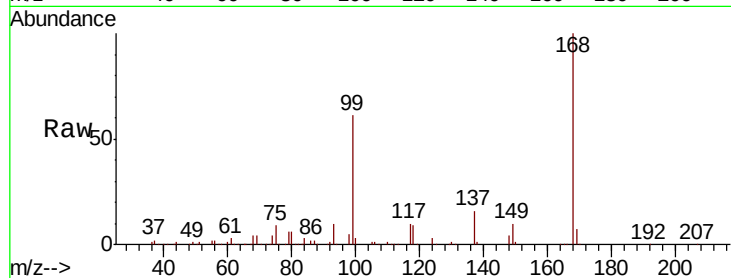
SB-43-8.5-9.0

Tgt Ion:168 Resp: 232464

Ion Ratio Lower Upper

168 100

99 60.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

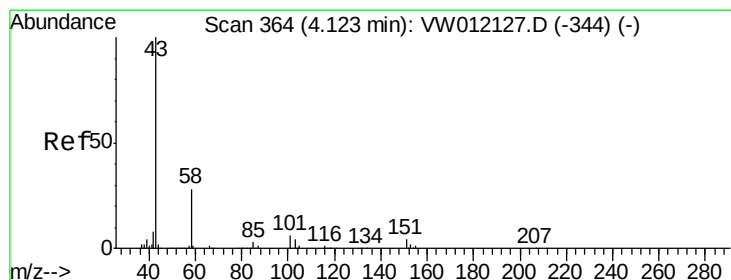
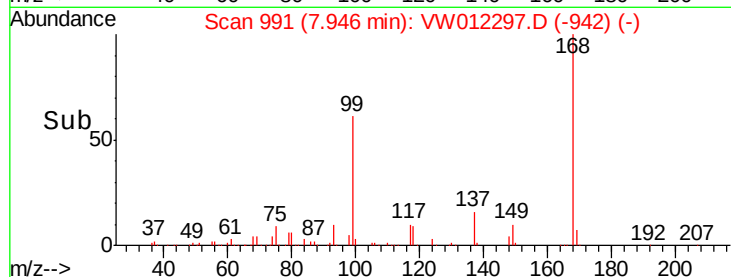
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.297 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.03 min

Lab File: VW012297.D

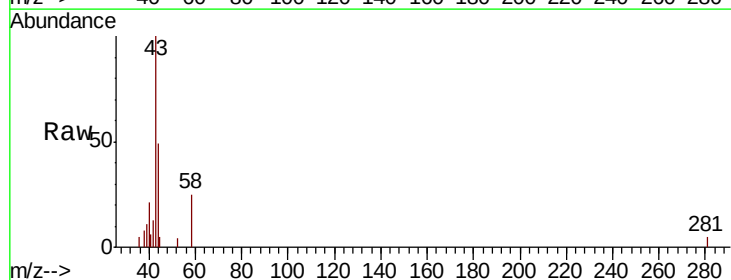
Acq: 29 Aug 2019 12:37

Tgt Ion: 43 Resp: 4448

Ion Ratio Lower Upper

43 100

58 25.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

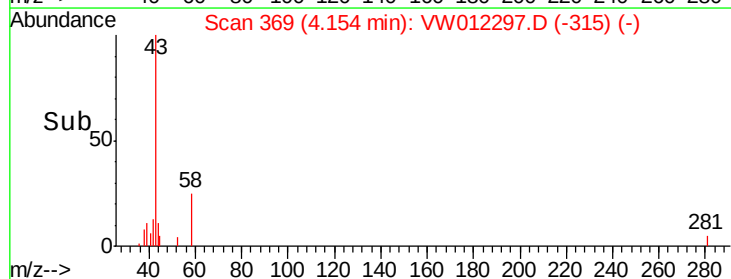
4.15

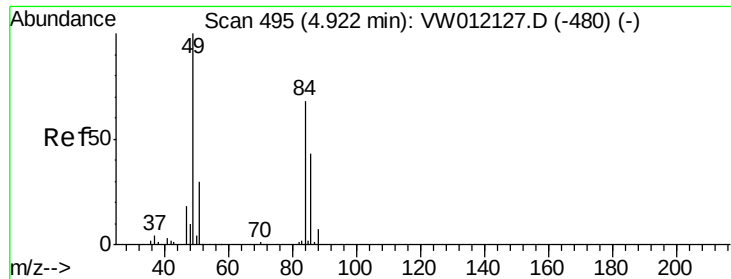
1000

500

0

Time-->

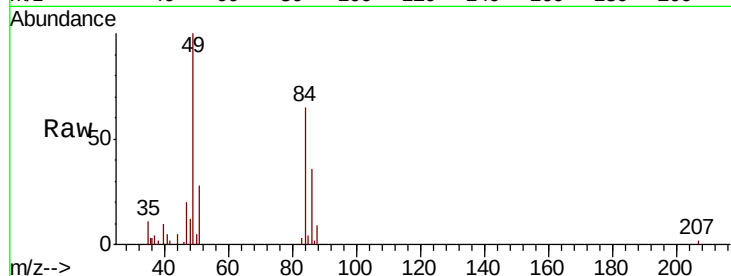




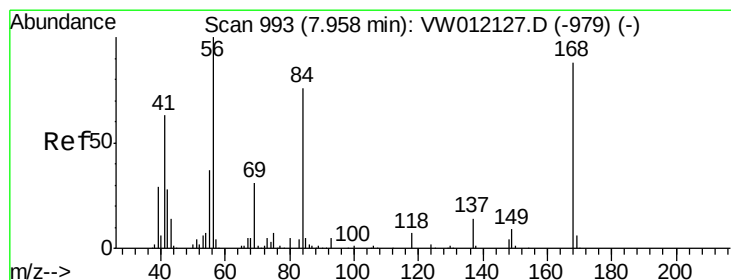
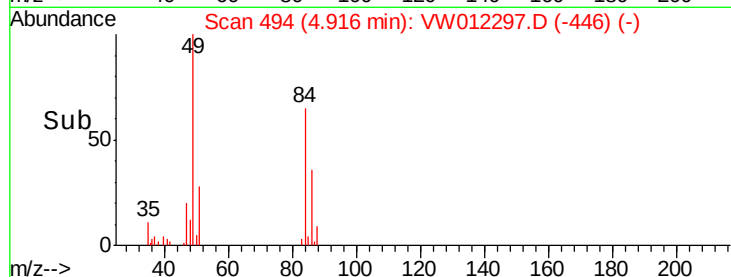
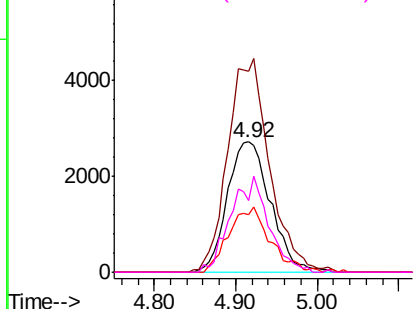
#20
Methylene Chloride
Concen: 3.737 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012297.D
Acq: 29 Aug 2019 12:37

Instrument :
MSVOA_W
ClientSampled :
SB-43-8.5-9.0

Tgt Ion:	84	Resp:	9980
Ion	Ratio	Lower	Upper
84	100		
49	154.1	117.8	176.8
51	43.7	35.6	53.4
86	55.5	51.2	76.8

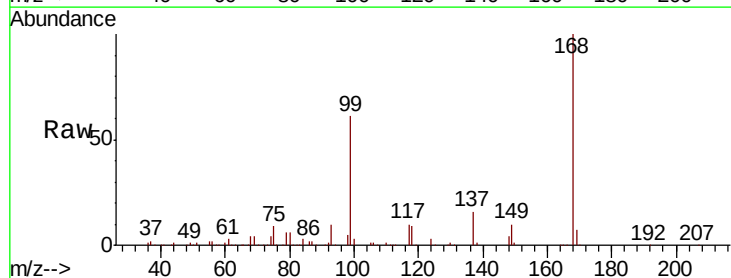


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

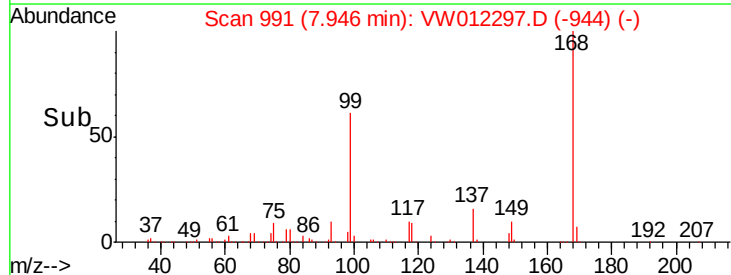
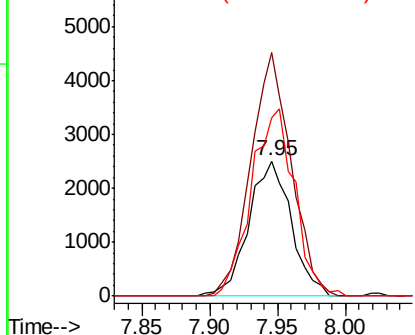


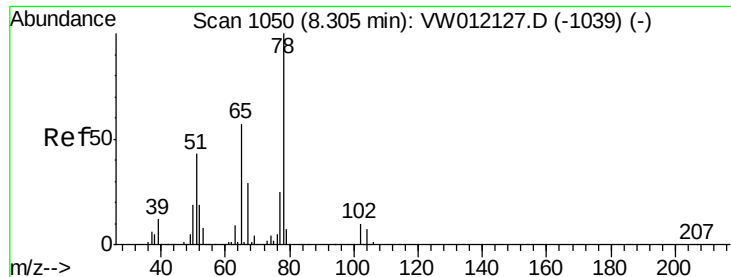
#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012297.D
Acq: 29 Aug 2019 12:37

Tgt Ion:	56	Resp:	5496
Ion	Ratio	Lower	Upper
56	100		
69	180.5	24.9	37.3#
84	132.0	60.6	90.8#



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

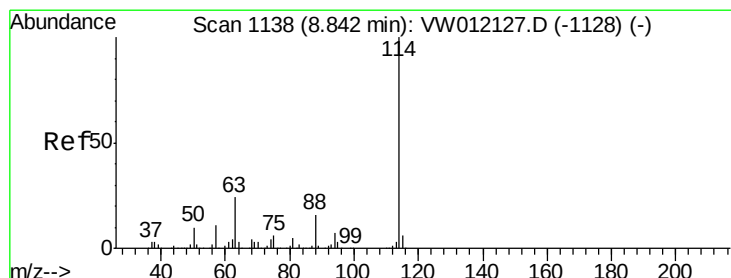
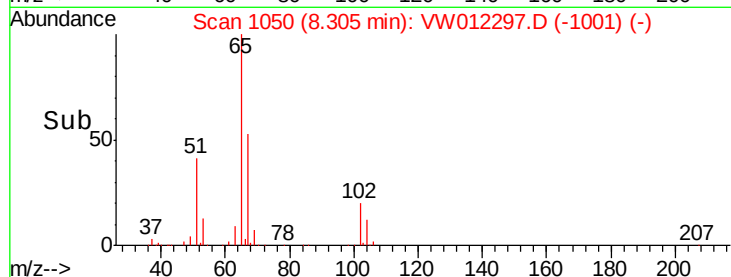
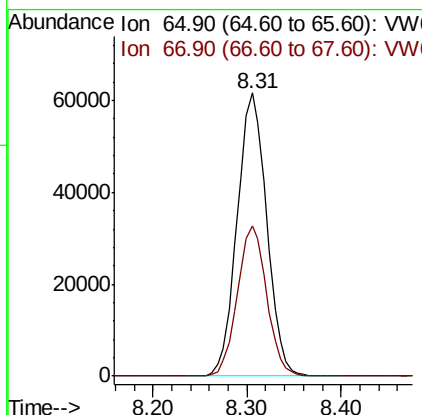
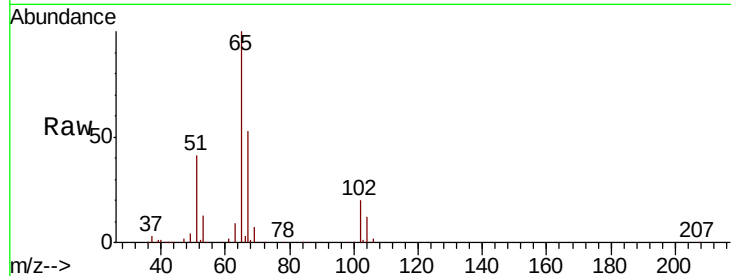




#33
 1,2-Dichloroethane-d4
 Concen: 48.749 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012297.D
 Acq: 29 Aug 2019 12:37

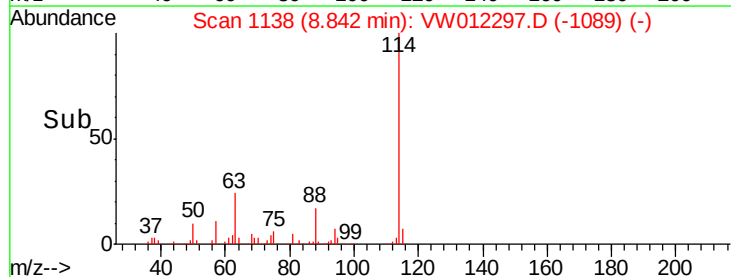
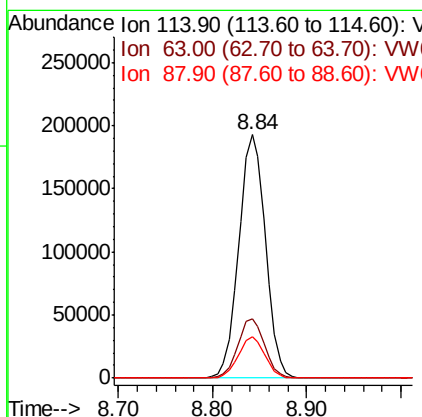
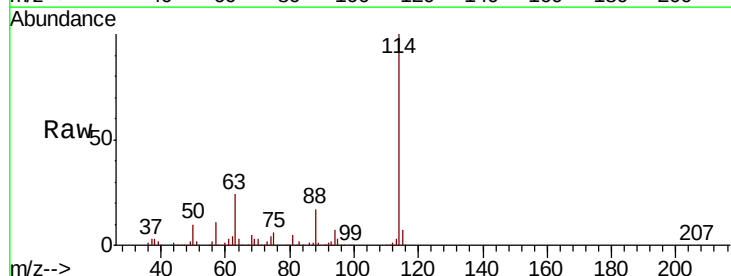
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-43-8.5-9.0

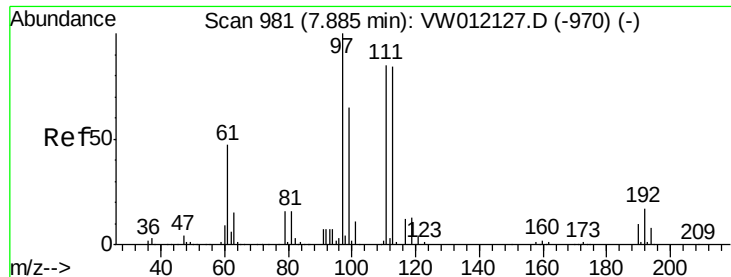
Tgt Ion: 65 Resp: 134715
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012297.D
 Acq: 29 Aug 2019 12:37

Tgt Ion: 114 Resp: 380973
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.6
 88 17.1 0.0 32.2

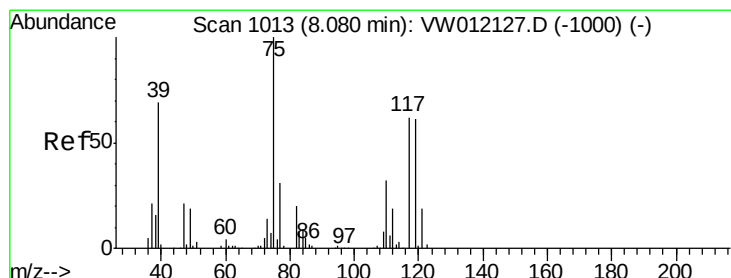
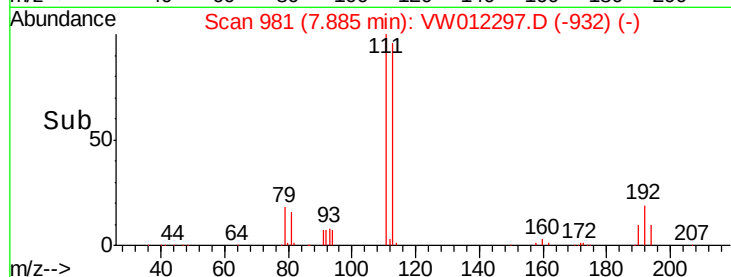
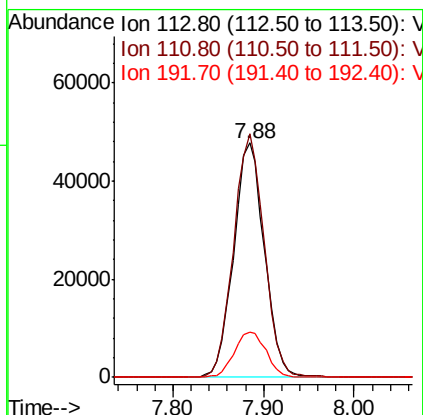
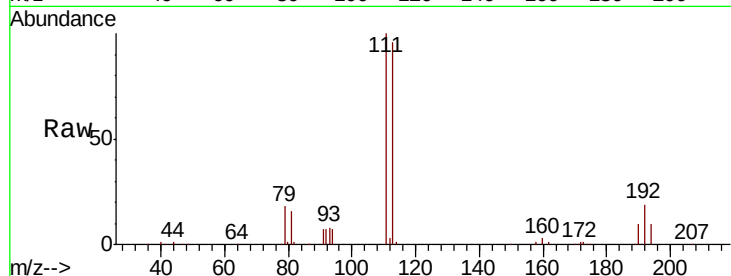




#35
 Dibromofluoromethane
 Concen: 49.390 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012297.D
 Acq: 29 Aug 2019 12:37

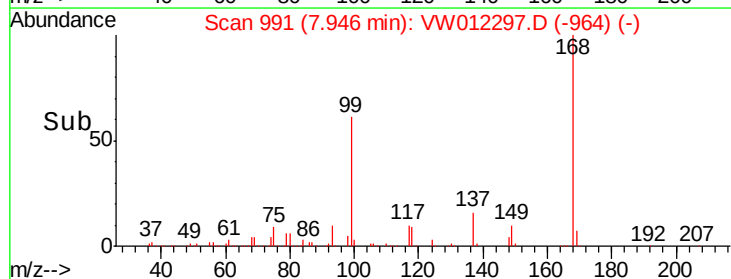
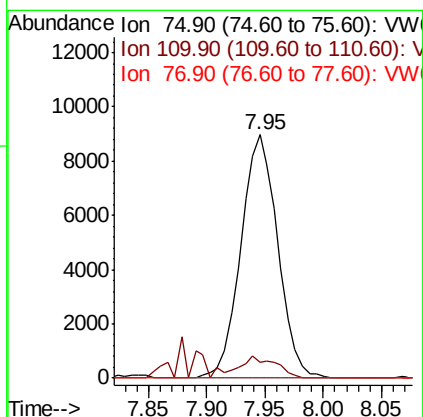
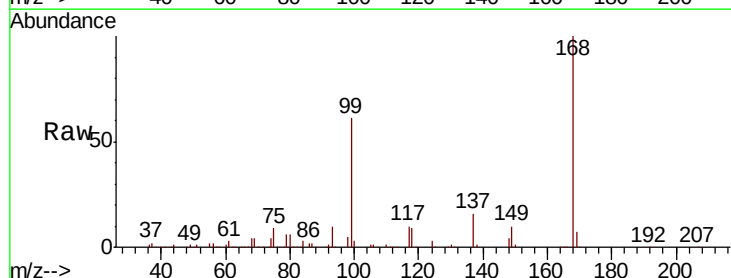
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-43-8.5-9.0

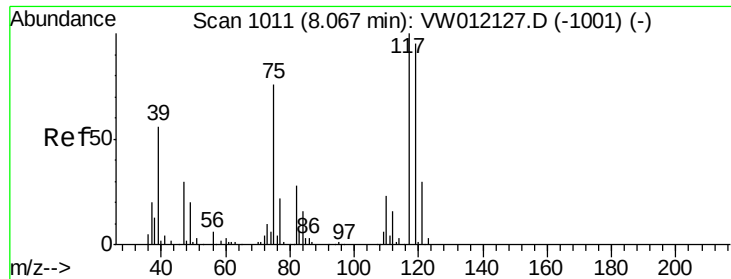
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	20.2	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.021 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012297.D
 Acq: 29 Aug 2019 12:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	15.6	46.8#
77	0.0	24.6	36.8#

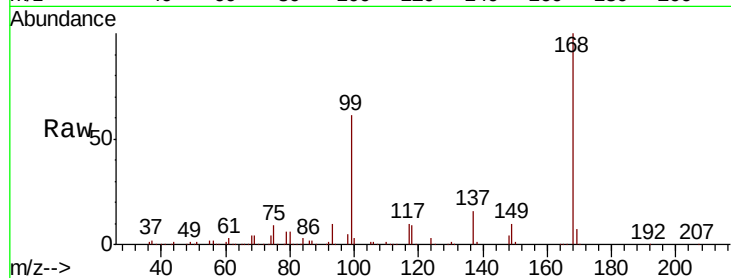




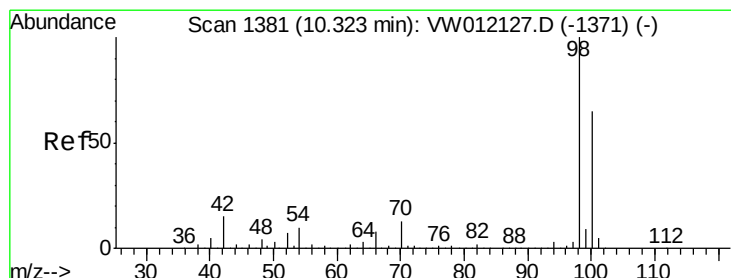
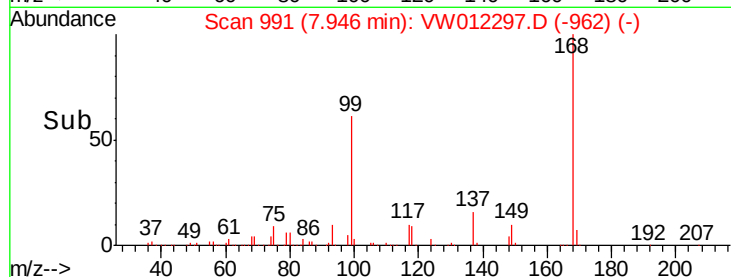
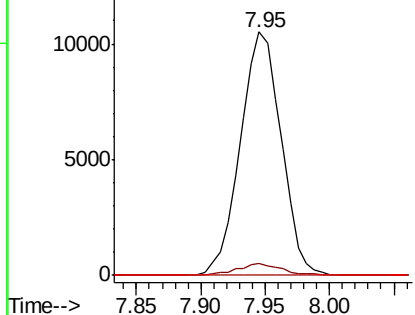
#38
Carbon Tetrachloride
Concen: 6.771 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012297.D
Acq: 29 Aug 2019 12:37

Instrument :
MSVOA_W
ClientSampled :
SB-43-8.5-9.0

Tgt Ion:117 Resp: 23072
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 23.8 35.8#

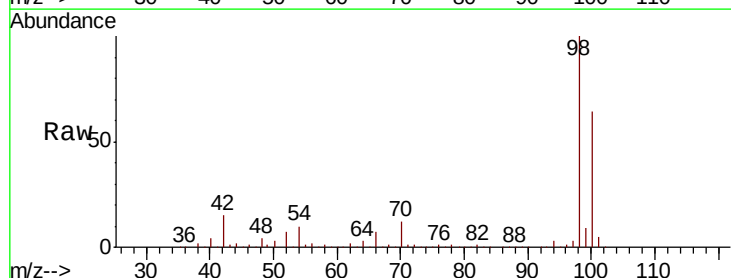


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

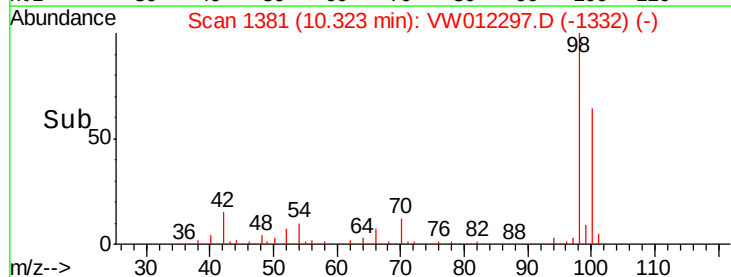
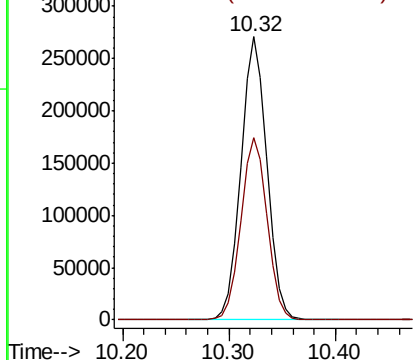


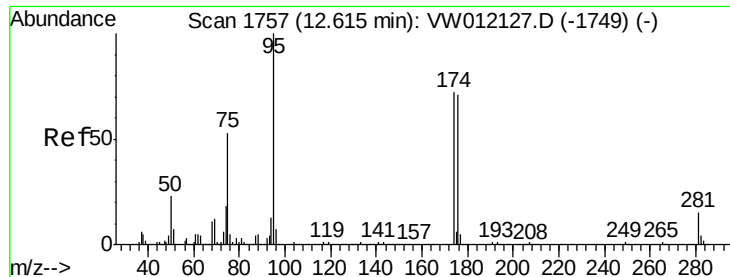
#50
Toluene-d8
Concen: 50.237 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012297.D
Acq: 29 Aug 2019 12:37

Tgt Ion: 98 Resp: 463218
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



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

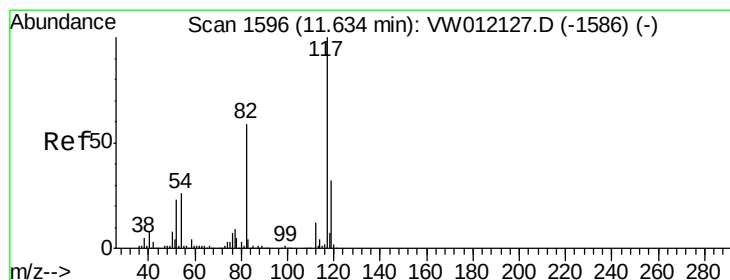
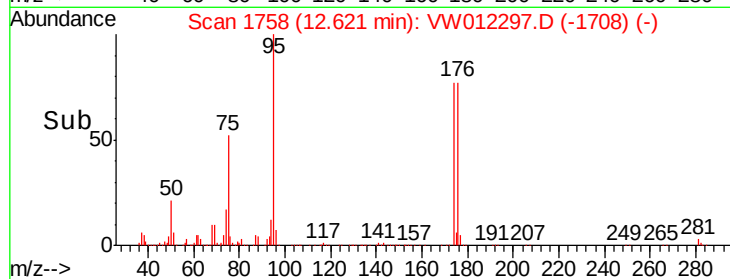
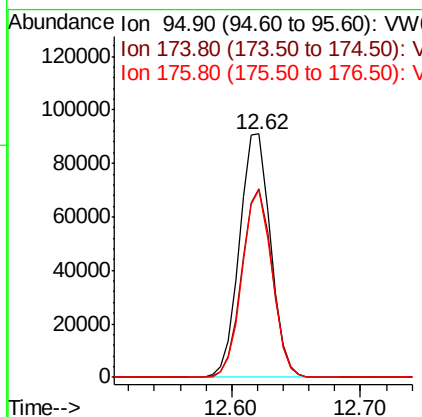
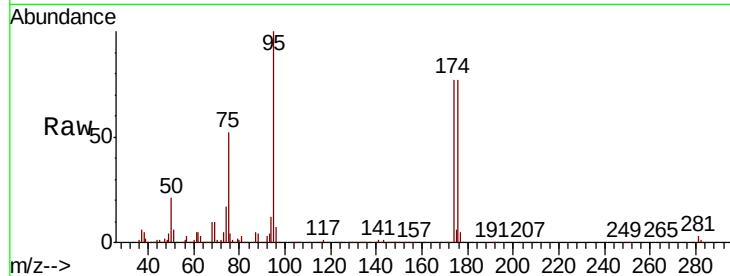




#62
4-Bromofluorobenzene
Concen: 46.669 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012297.D
Acq: 29 Aug 2019 12:37

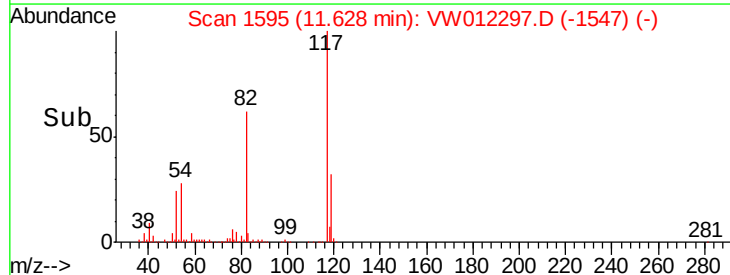
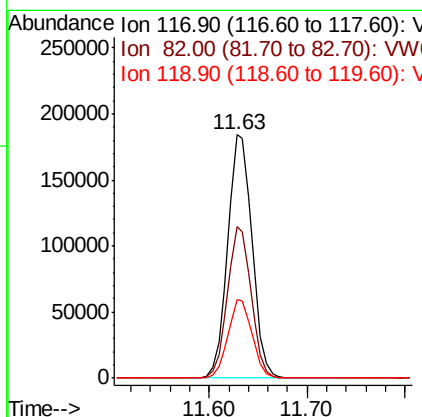
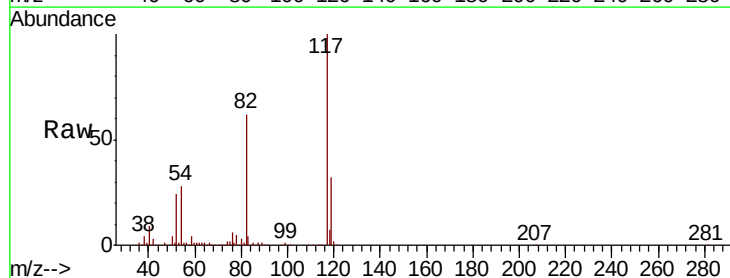
Instrument :
MSVOA_W
ClientSampleId :
SB-43-8.5-9.0

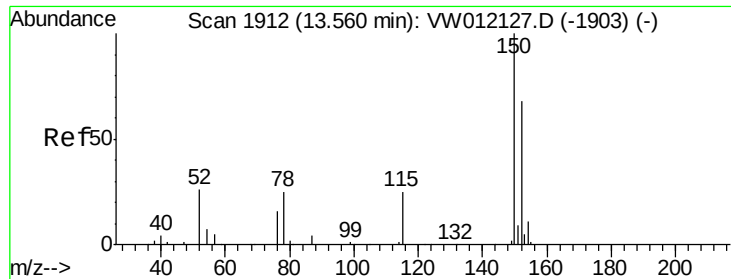
Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	150.8
176	74.0	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012297.D
Acq: 29 Aug 2019 12:37

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.2	47.4	71.2
119	32.4	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012297.D

Acq: 29 Aug 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

SB-43-8.5-9.0

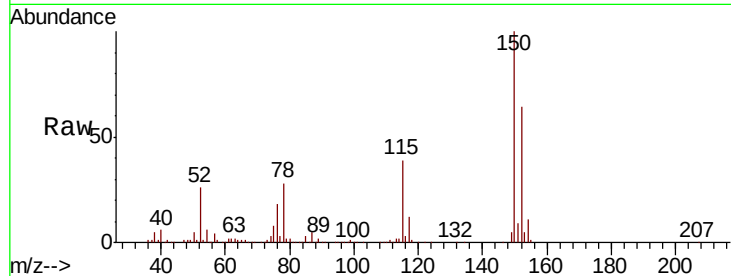
Tgt Ion:152 Resp: 134756

Ion Ratio Lower Upper

152 100

115 60.5 30.1 90.3

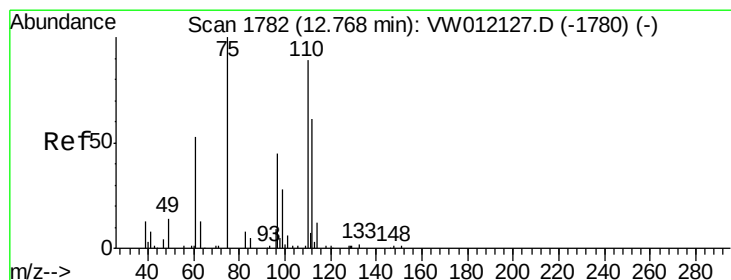
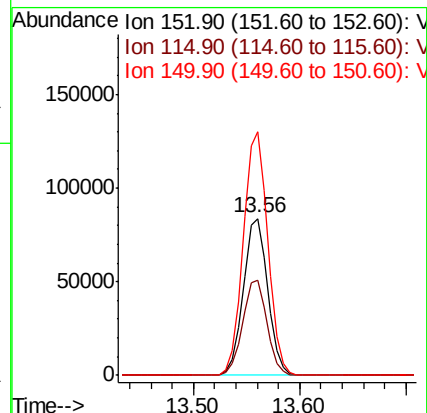
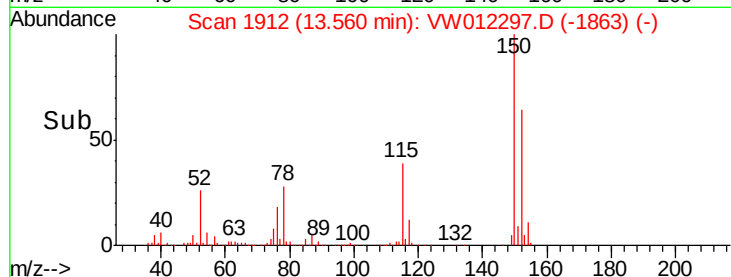
150 156.2 0.0 345.8



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: 61.809 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012297.D

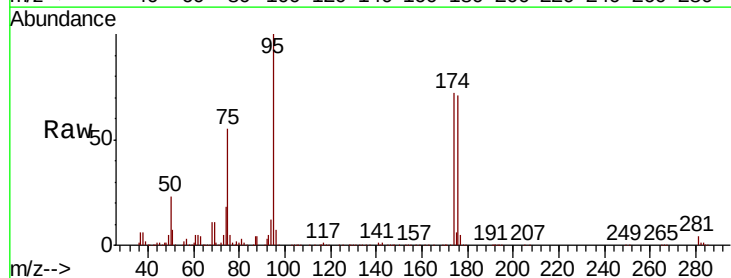
Acq: 29 Aug 2019 12:37

Tgt Ion: 75 Resp: 81120

Ion Ratio Lower Upper

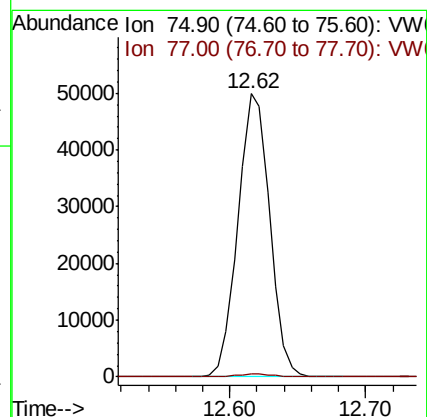
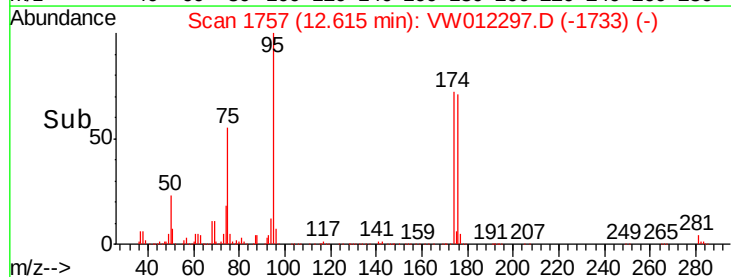
75 100

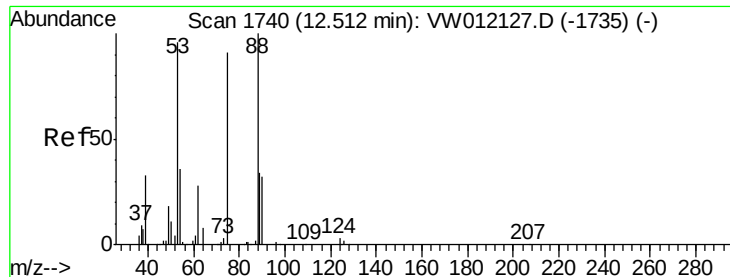
77 1.2 0.0 0.0#



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: 135.519 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012297.D

Acq: 29 Aug 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

SB-43-8.5-9.0

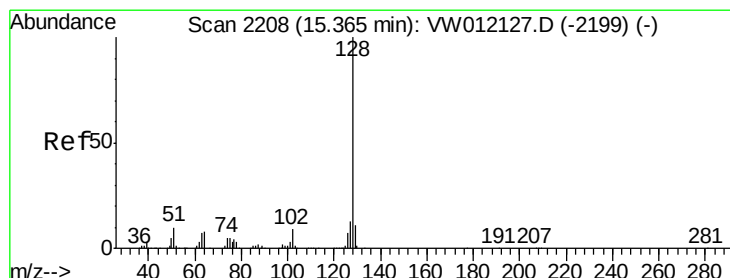
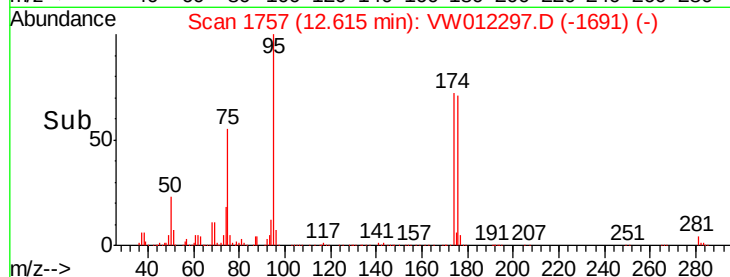
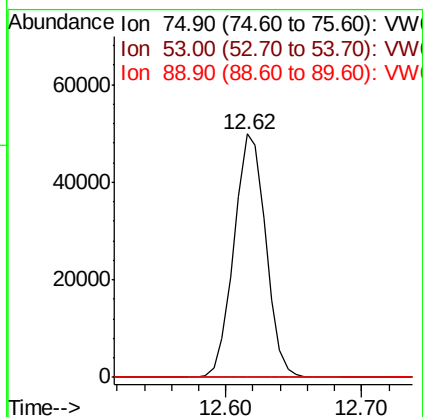
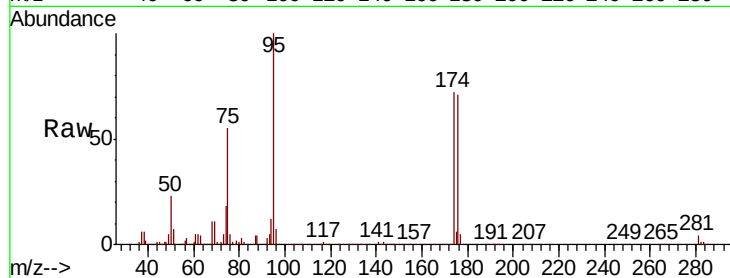
Tgt Ion: 75 Resp: 81120

Ion Ratio Lower Upper

75 100

53 0.0 89.4 134.0#

89 0.1 34.5 51.7#



#95

Naphthalene

Concen: 4.486 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW012297.D

Acq: 29 Aug 2019 12:37

Tgt Ion: 128 Resp: 918

Ion Ratio Lower Upper

128 100

127 11.7 10.7 16.1

129 2.8 8.7 13.1#

