

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
 Data File : VW012328.D
 Acq On : 30 Aug 2019 03:15
 Operator : SY/VA
 Sample : K4568-15
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-36-10.5-11.0

Quant Time: Aug 30 06:55:30 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

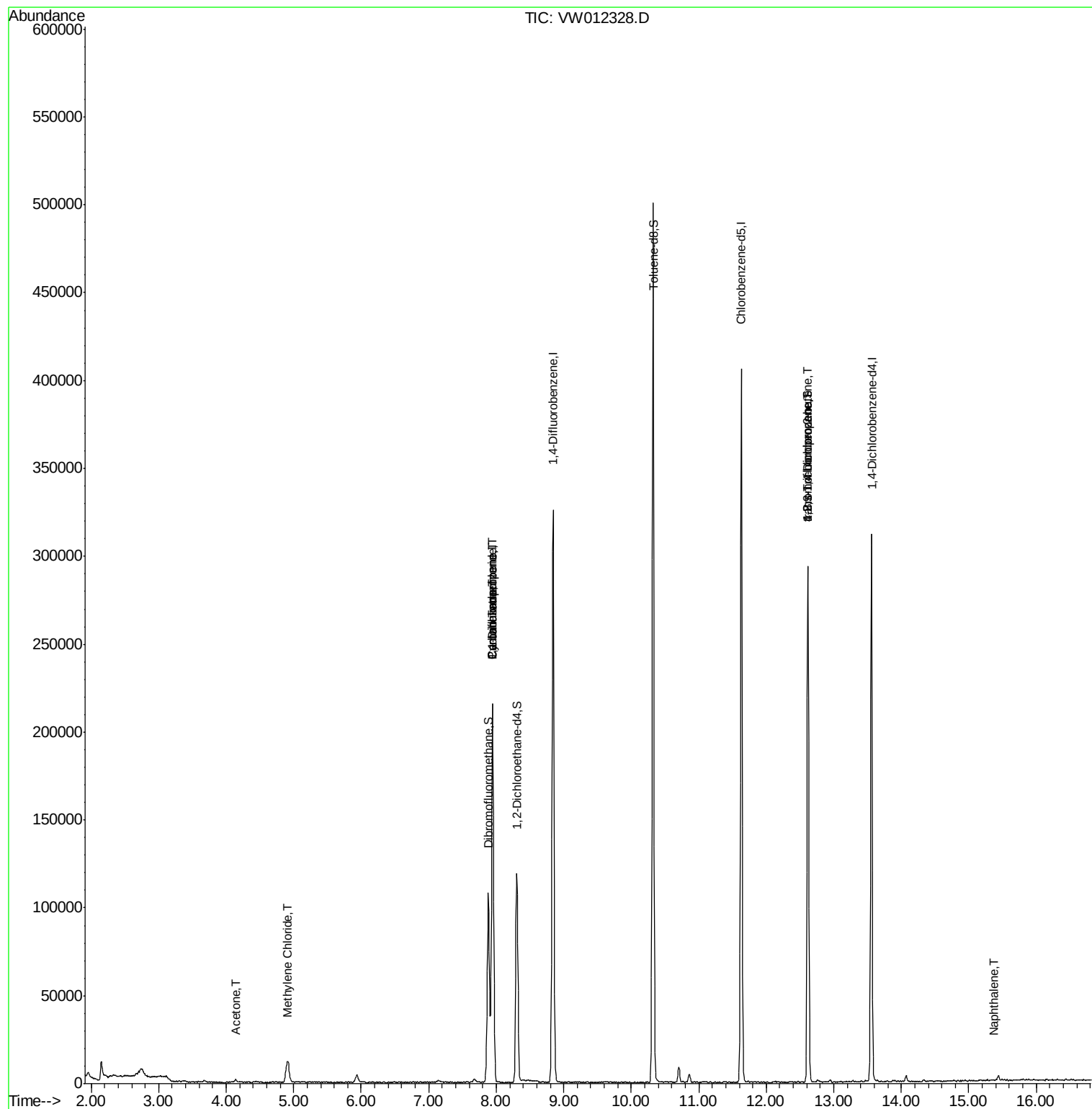
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	156078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	256495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	210777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	96685	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
35) Dibromofluoromethane	7.88	113	77966	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	10.32	98	311736	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.62	95	96198	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	3115	6.568	ug/l #	87
20) Methylene Chloride	4.91	84	8189	4.567	ug/l	95
31) Cyclohexane	7.95	56	3779	1.131	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13674	5.159	ug/l #	52
38) Carbon Tetrachloride	7.95	117	15601	6.800	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	50412	64.846	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	50412	142.178	ug/l #	6
95) Naphthalene	15.36	128	98	4.351	ug/l #	75

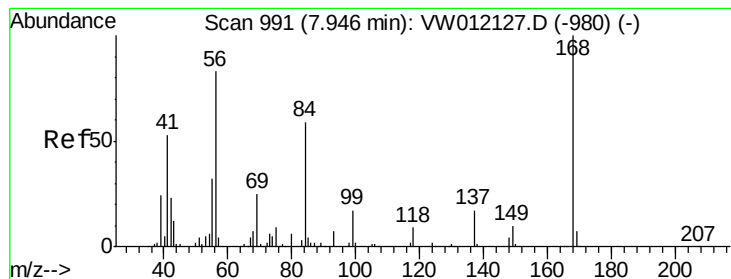
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-36-10.5-11.0

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
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: VW012328.D

Acq: 30 Aug 2019 03:15

Instrument :

MSVOA_W

ClientSampleId :

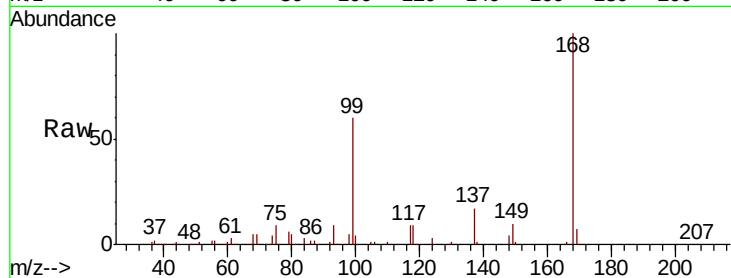
SB-36-10.5-11.0

Tgt Ion:168 Resp: 156078

Ion Ratio Lower Upper

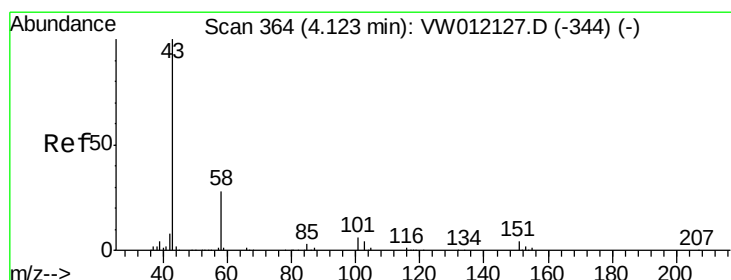
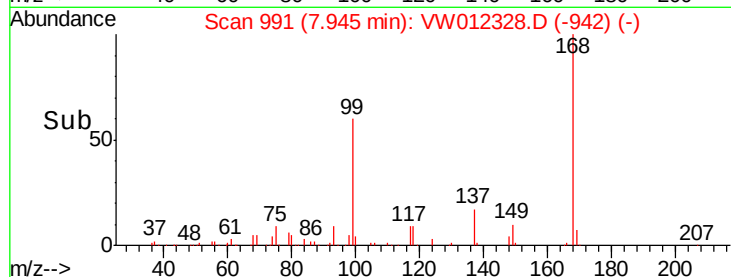
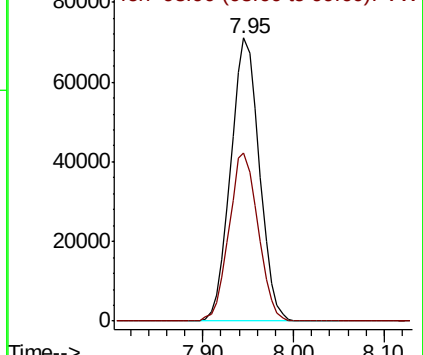
168 100

99 59.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 6.568 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012328.D

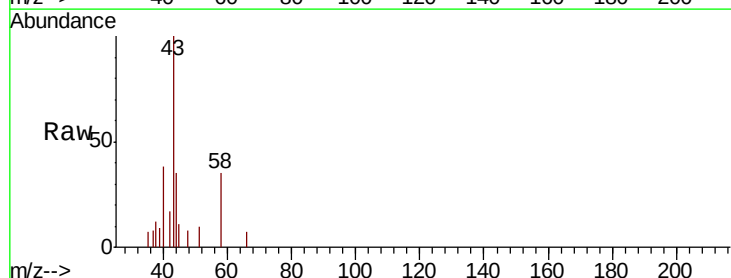
Acq: 30 Aug 2019 03:15

Tgt Ion: 43 Resp: 3115

Ion Ratio Lower Upper

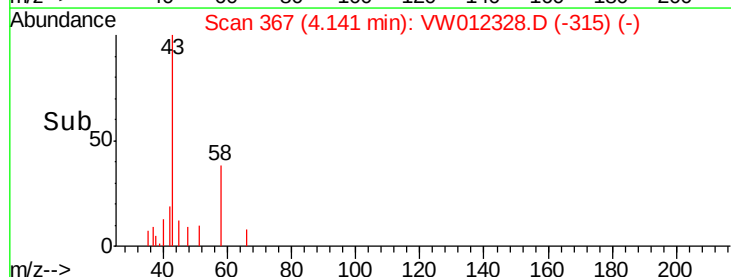
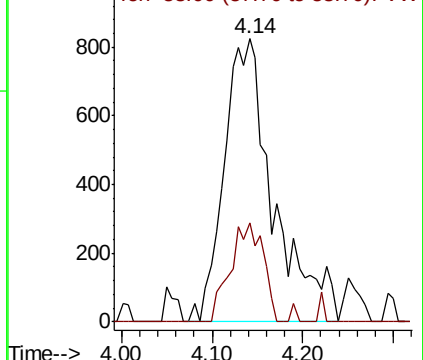
43 100

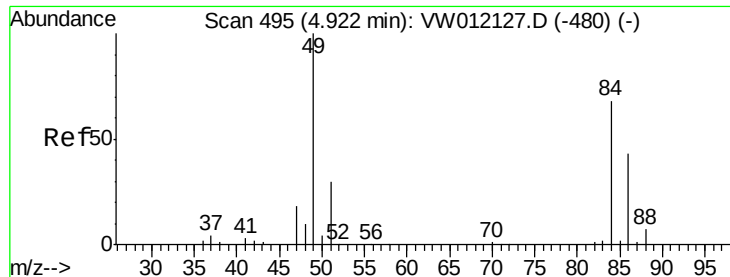
58 35.1 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

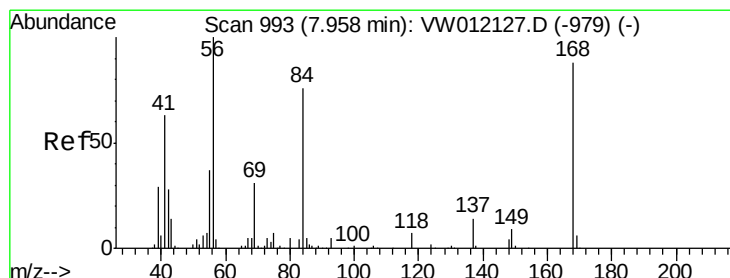
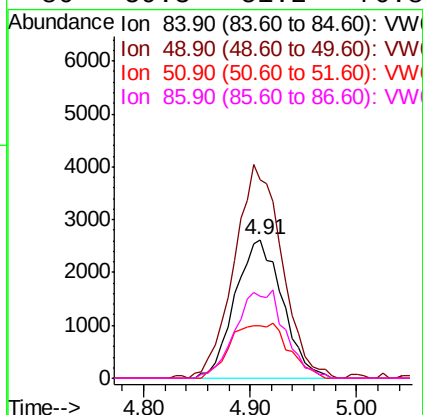
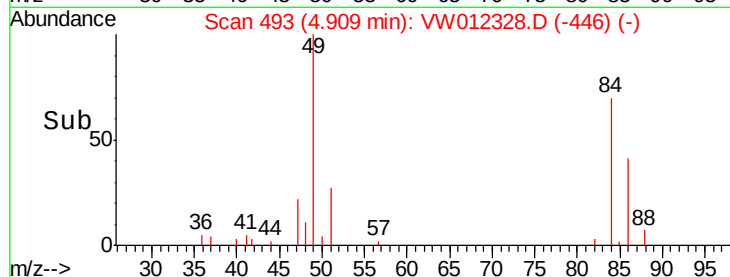
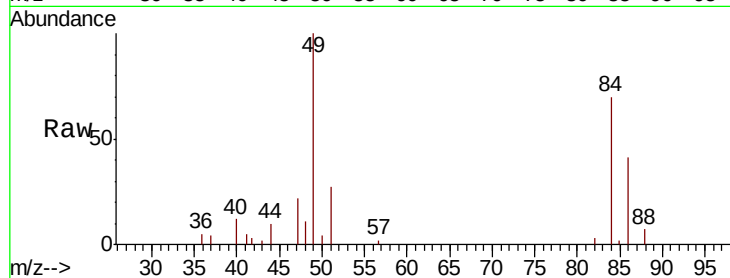




#20
Methylene Chloride
Concen: 4.567 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012328.D
Acq: 30 Aug 2019 03:15

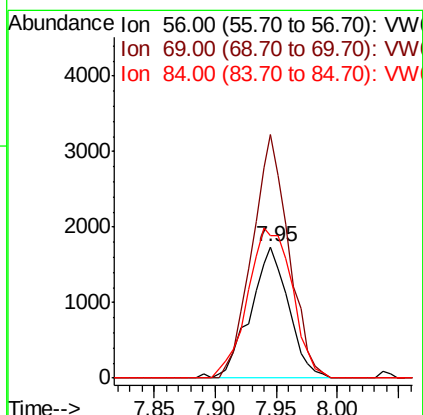
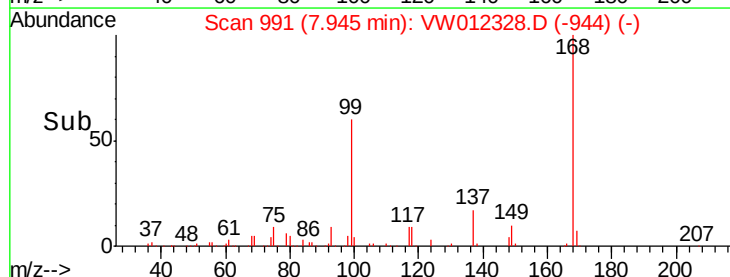
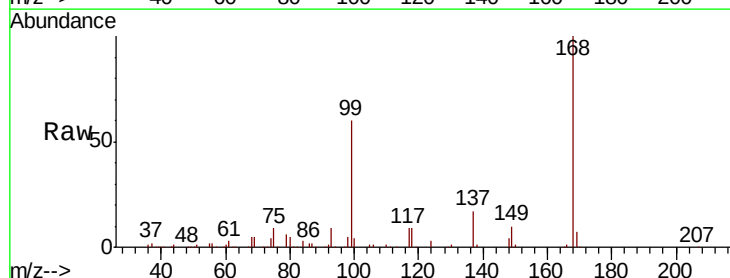
Instrument :
MSVOA_W
ClientSampleId :
SB-36-10.5-11.0

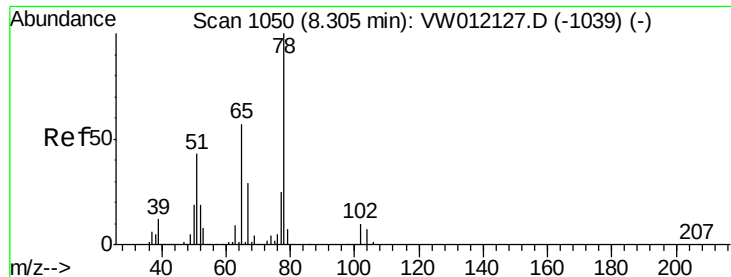
Tgt Ion:	84	Resp:	8189
Ion	Ratio	Lower	Upper
84	100		
49	143.4	117.8	176.8
51	38.3	35.6	53.4
86	59.3	51.2	76.8



#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012328.D
Acq: 30 Aug 2019 03:15

Tgt Ion:	56	Resp:	3779
Ion	Ratio	Lower	Upper
56	100		
69	185.1	24.9	37.3#
84	108.2	60.6	90.8#

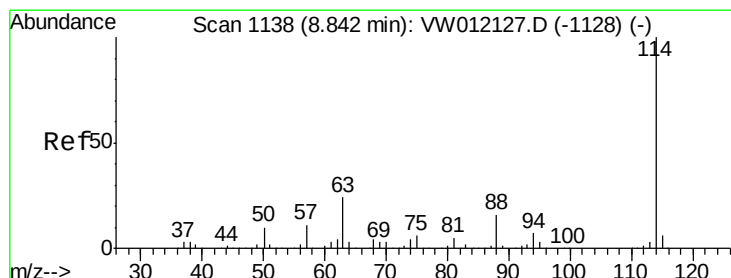
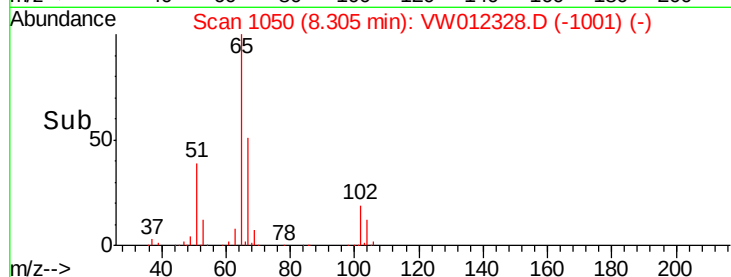
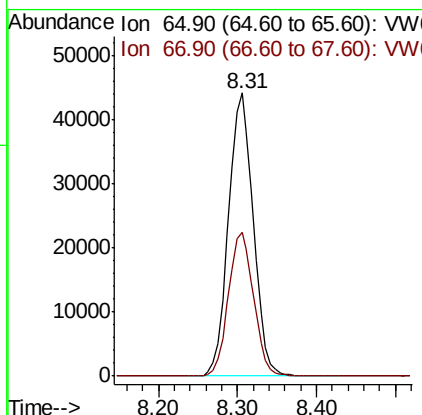
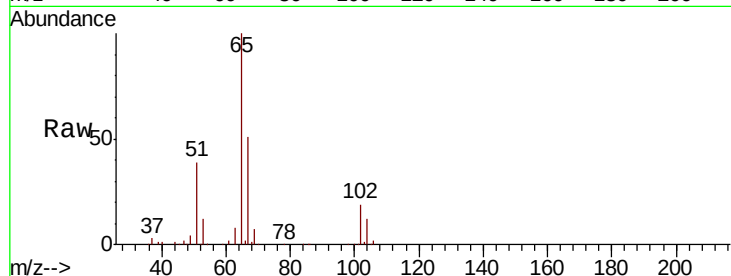




#33
 1,2-Dichloroethane-d4
 Concen: 52.110 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012328.D
 Acq: 30 Aug 2019 03:15

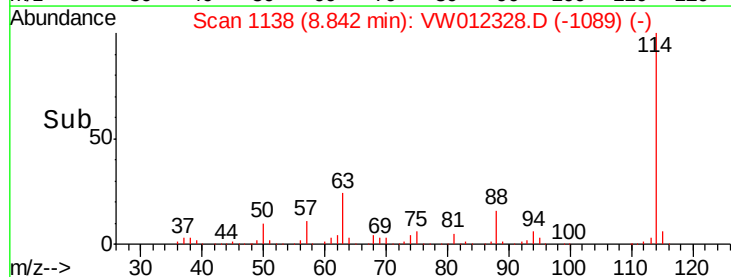
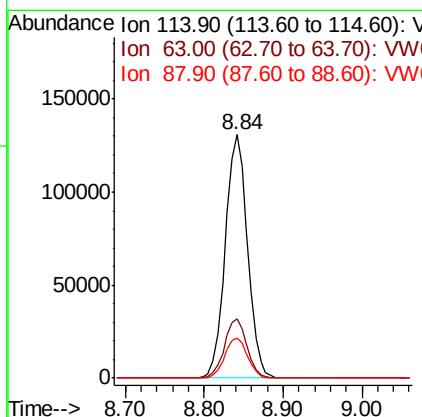
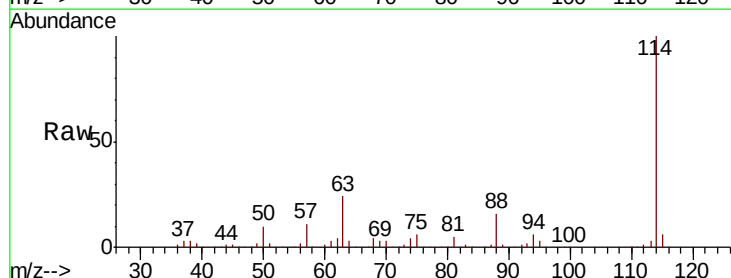
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-36-10.5-11.0

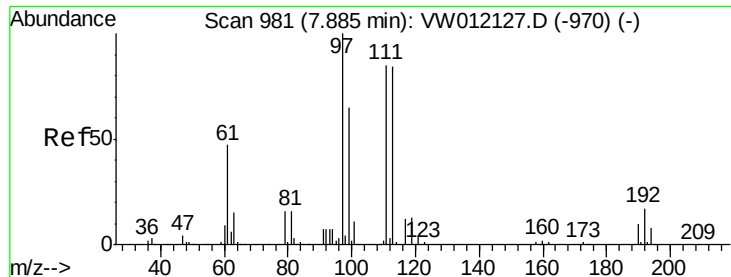
Tgt Ion: 65 Resp: 96685
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012328.D
 Acq: 30 Aug 2019 03:15

Tgt Ion: 114 Resp: 256495
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 48.6
 88 16.3 0.0 32.2

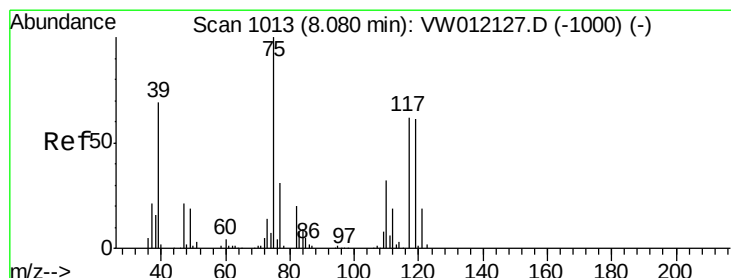
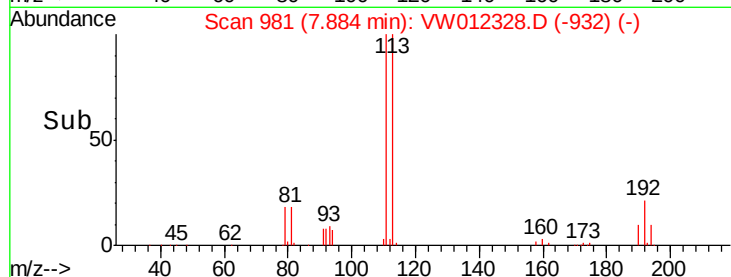
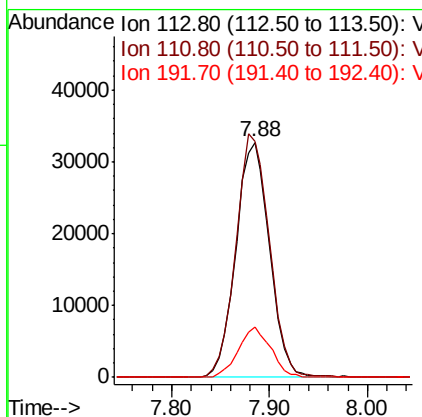
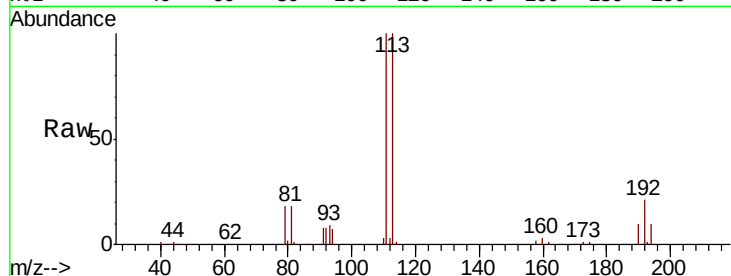




#35
 Dibromofluoromethane
 Concen: 50.924 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012328.D
 Acq: 30 Aug 2019 03:15

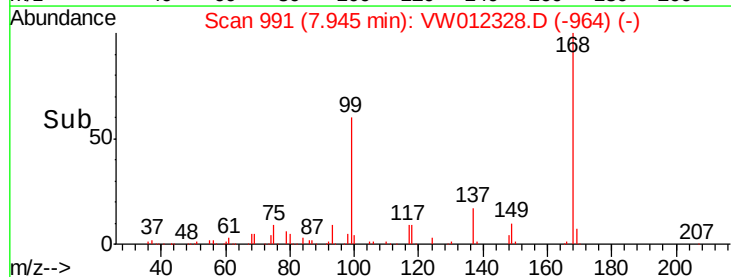
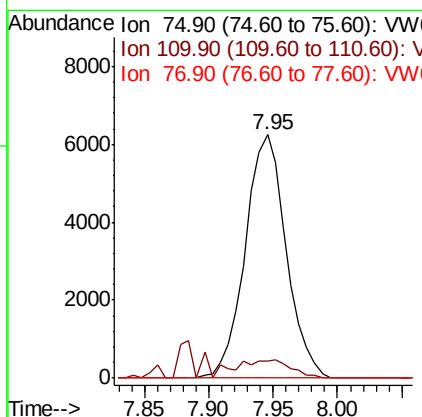
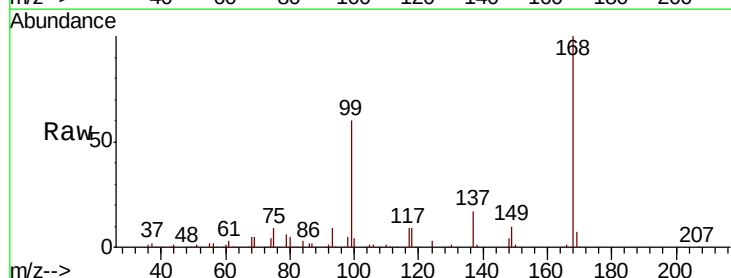
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-36-10.5-11.0

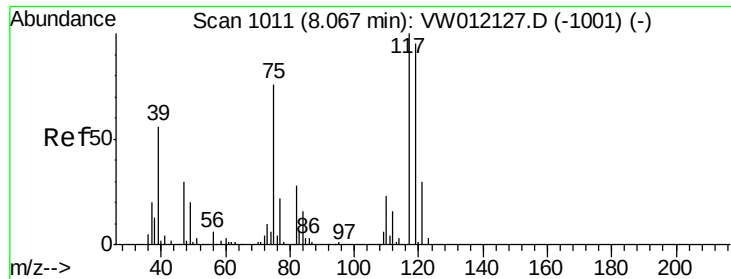
Tgt Ion:113 Resp: 77966
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.7 124.1
 192 20.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.159 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012328.D
 Acq: 30 Aug 2019 03:15

Tgt Ion: 75 Resp: 13674
 Ion Ratio Lower Upper
 75 100
 110 8.9 15.6 46.8#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.800 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012328.D

Acq: 30 Aug 2019 03:15

Instrument :

MSVOA_W

ClientSampleId :

SB-36-10.5-11.0

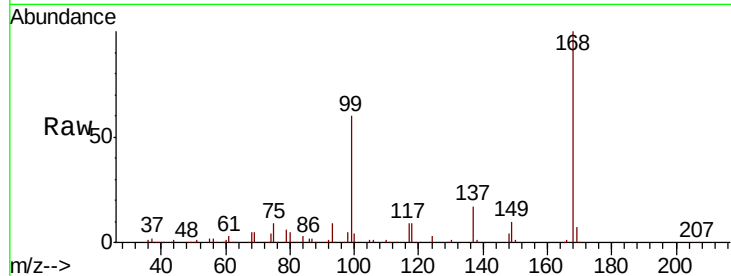
Tgt Ion:117 Resp: 15601

Ion Ratio Lower Upper

117 100

119 5.0 76.2 114.2#

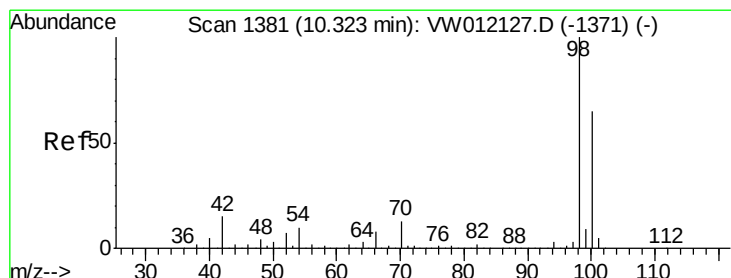
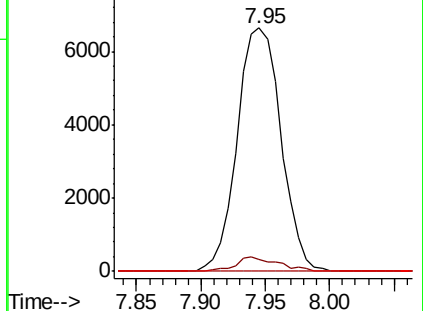
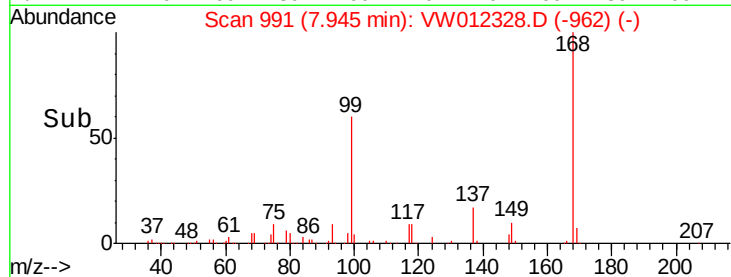
121 0.0 23.8 35.8#



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: 50.216 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012328.D

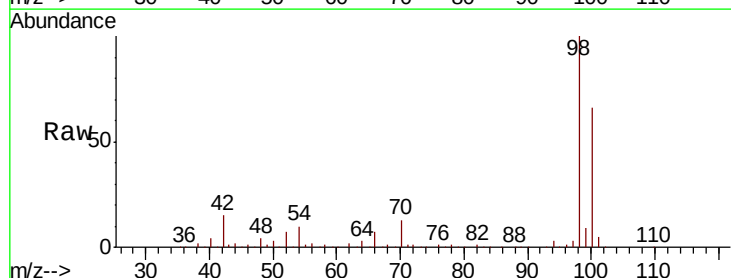
Acq: 30 Aug 2019 03:15

Tgt Ion: 98 Resp: 311736

Ion Ratio Lower Upper

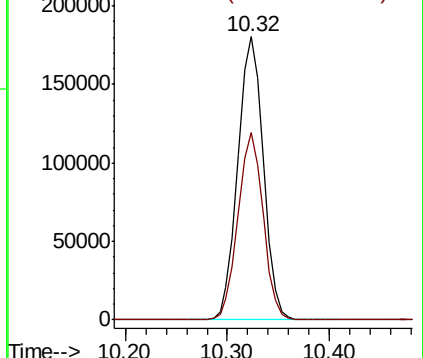
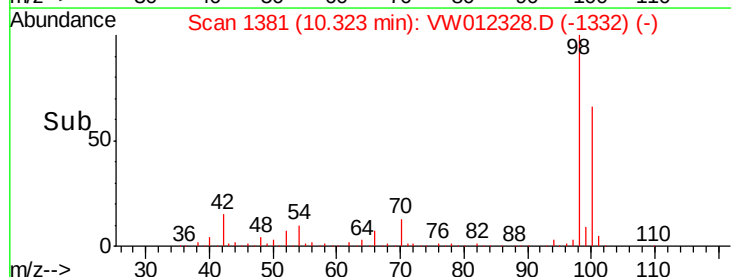
98 100

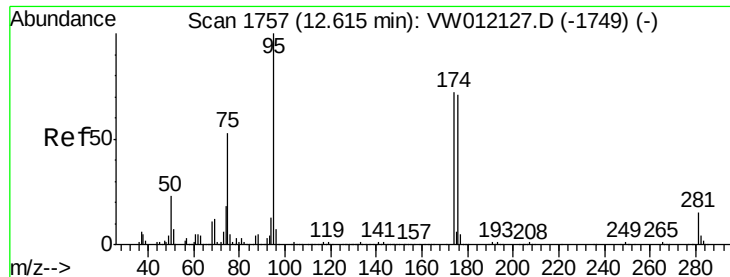
100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

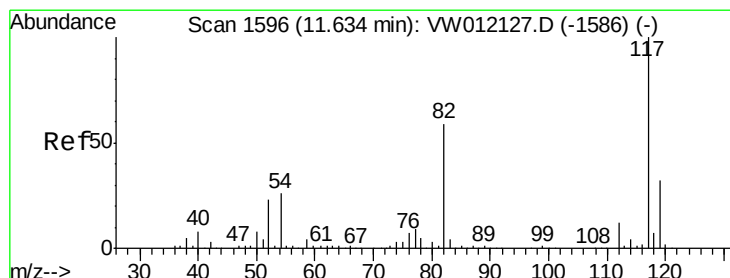
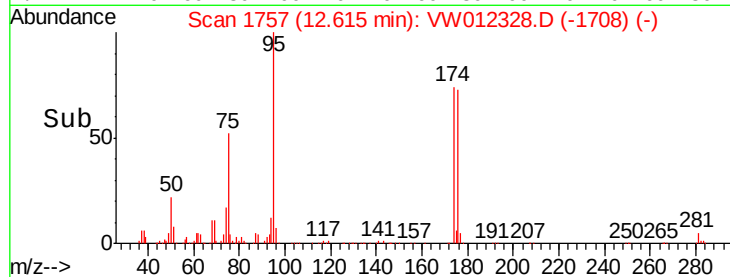
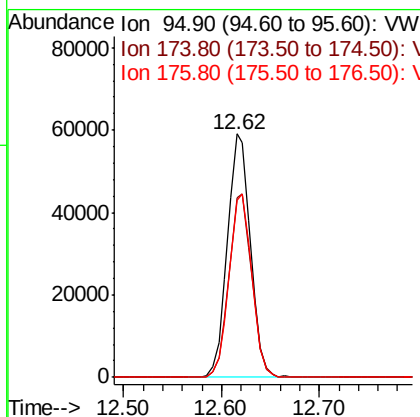
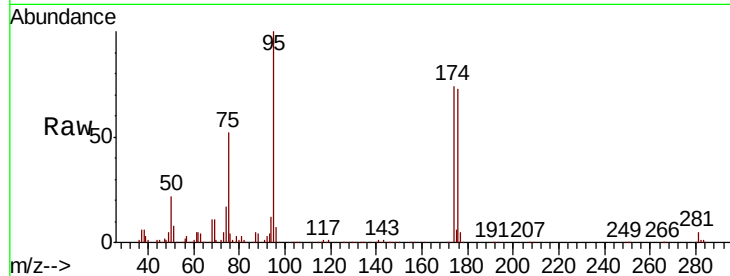




#62
4-Bromofluorobenzene
Concen: 43.961 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012328.D
Acq: 30 Aug 2019 03:15

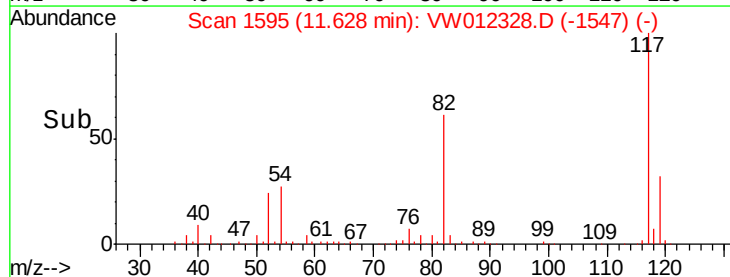
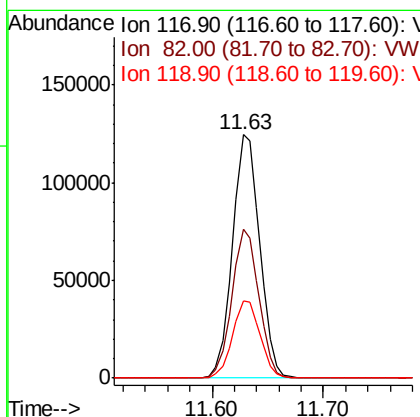
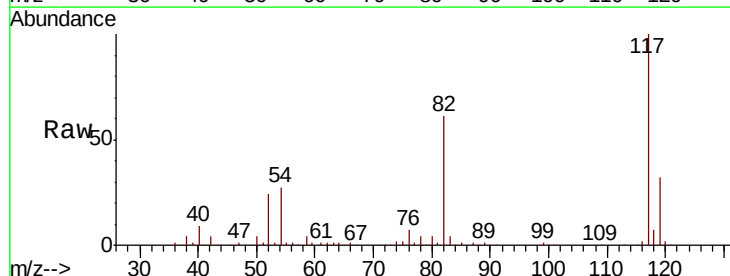
Instrument :
MSVOA_W
ClientSampled :
SB-36-10.5-11.0

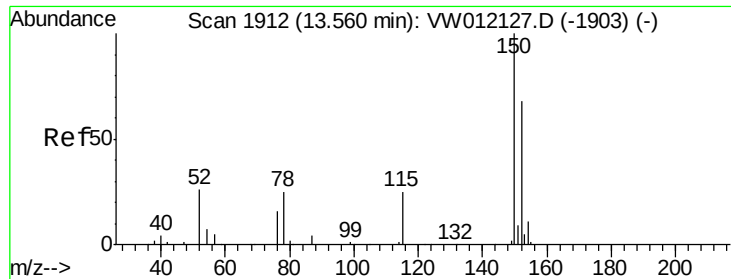
Tgt Ion: 95 Resp: 96198
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.8
176 74.5 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012328.D
Acq: 30 Aug 2019 03:15

Tgt Ion: 117 Resp: 210777
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 31.7 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: VW012328.D

Acq: 30 Aug 2019 03:15

Instrument :

MSVOA_W

ClientSampleId :

SB-36-10.5-11.0

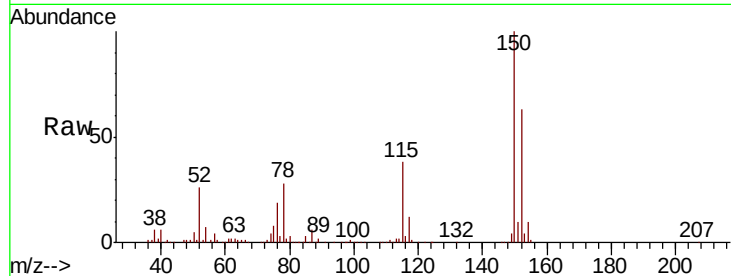
Tgt Ion:152 Resp: 79822

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

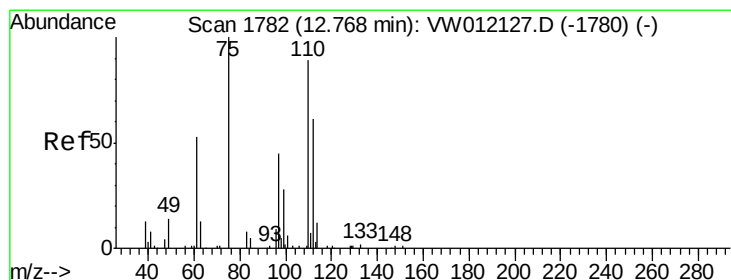
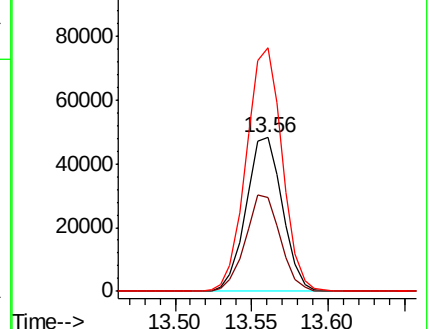
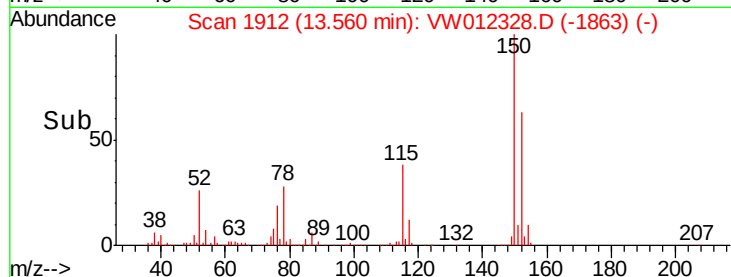
150 156.0 0.0 345.8



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: 64.846 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012328.D

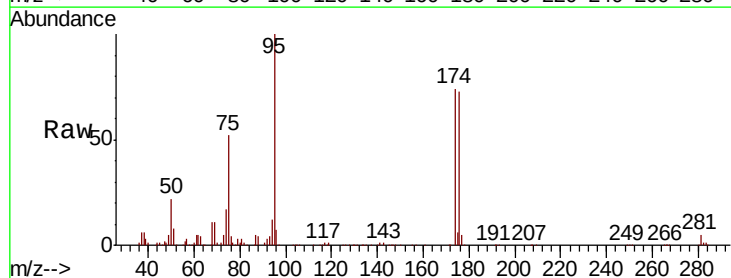
Acq: 30 Aug 2019 03:15

Tgt Ion: 75 Resp: 50412

Ion Ratio Lower Upper

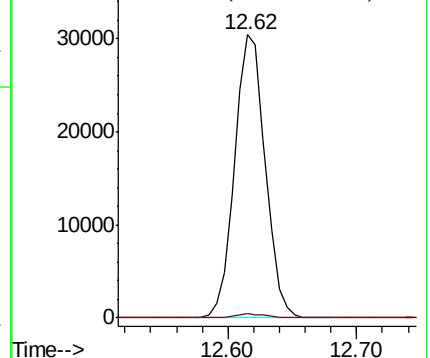
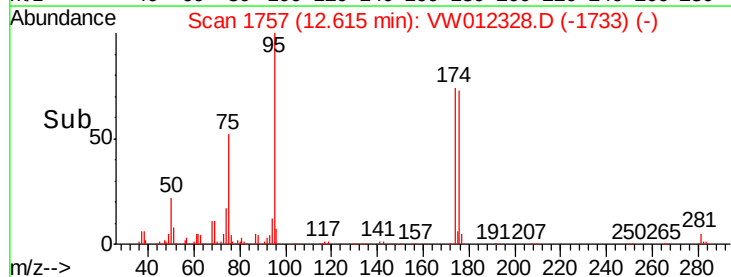
75 100

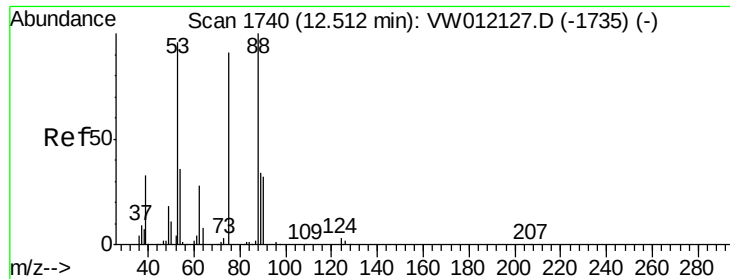
77 1.4 0.0 0.0#



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: 142.178 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012328.D

Acq: 30 Aug 2019 03:15

Instrument :

MSVOA_W

ClientSampleId :

SB-36-10.5-11.0

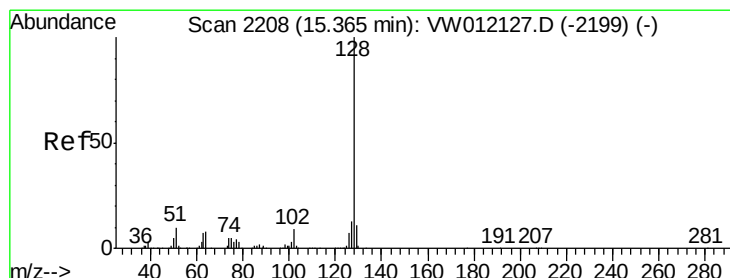
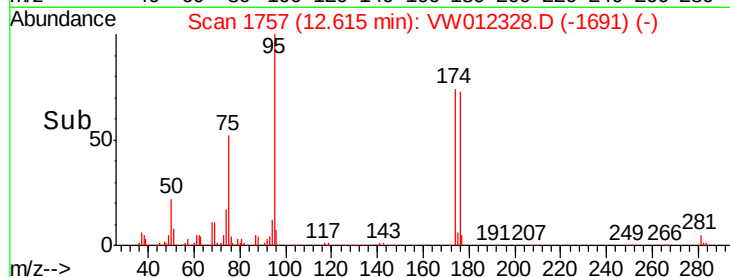
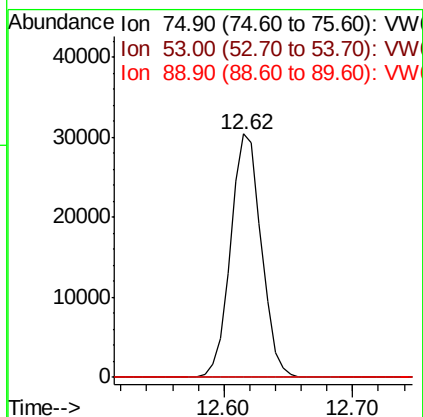
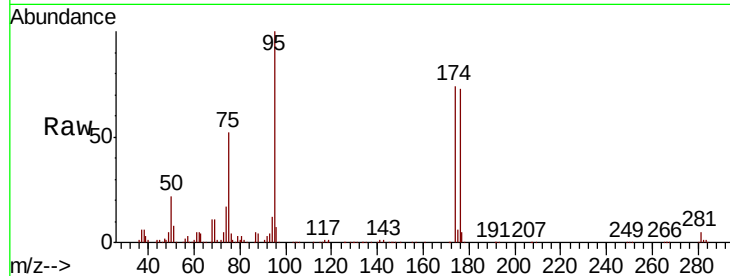
Tgt Ion: 75 Resp: 50412

Ion Ratio Lower Upper

75 100

53 0.0 89.4 134.0#

89 0.1 34.5 51.7#



#95

Naphthalene

Concen: 4.351 ug/l

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW012328.D

Acq: 30 Aug 2019 03:15

Tgt Ion: 128 Resp: 98

Ion Ratio Lower Upper

128 100

127 22.4 10.7 16.1#

129 0.0 8.7 13.1#

