

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
 Data File : VW012326.D
 Acq On : 30 Aug 2019 02:24
 Operator : SY/VA
 Sample : K4568-11
 Misc : 4.99G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-19-10-10.5

Quant Time: Aug 30 06:55:09 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

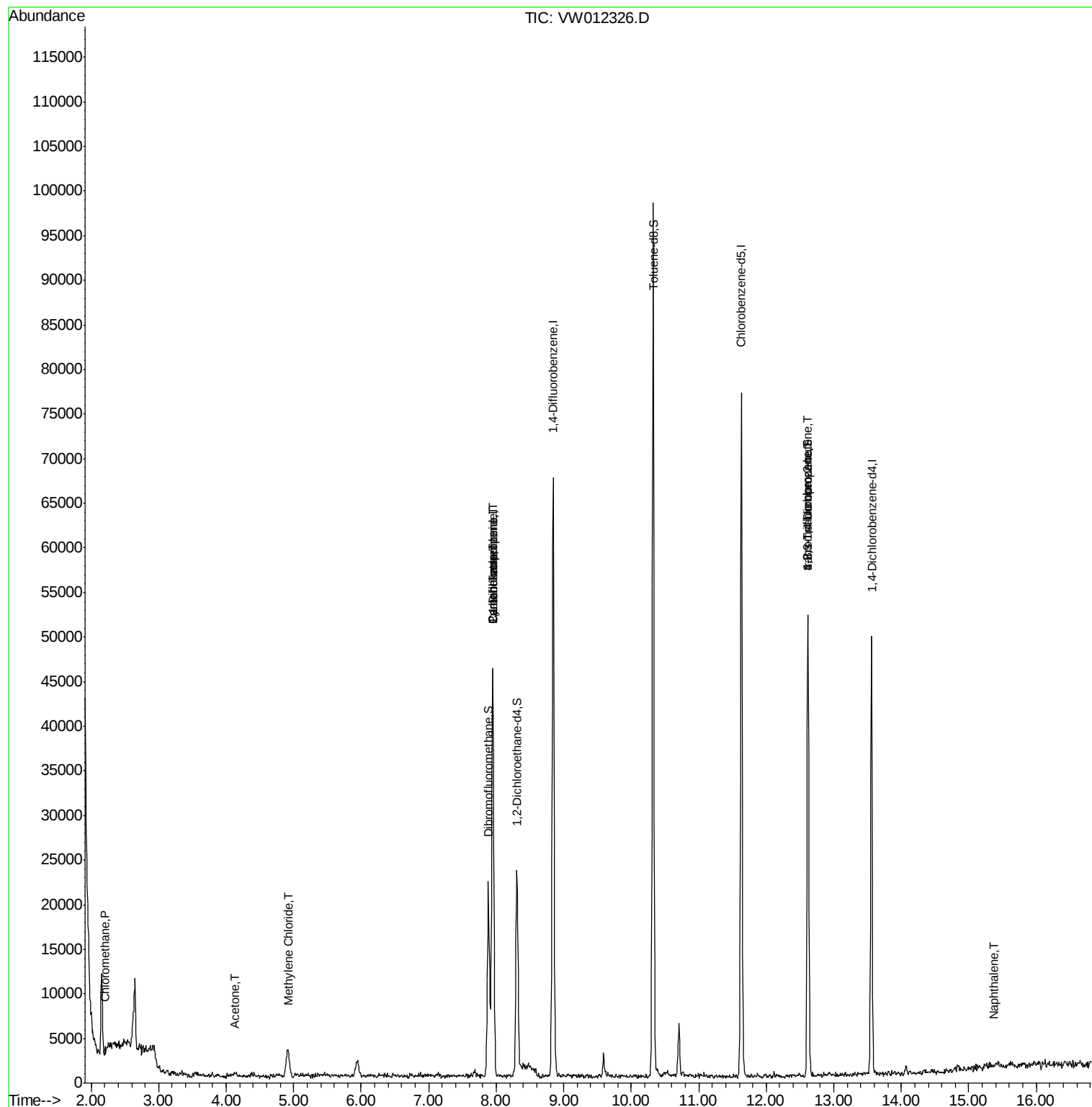
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	33620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	51309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	41287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	12797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	17831	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
35) Dibromofluoromethane	7.88	113	15232	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
50) Toluene-d8	10.32	98	61934	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.62	95	16614	37.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.90%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.21	50	354	1.104	ug/l #	86
16) Acetone	4.13	43	473	4.630	ug/l #	74
20) Methylene Chloride	4.92	84	1866	4.832	ug/l	85
31) Cyclohexane	7.95	56	959	1.332	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	3087	5.822	ug/l #	51
38) Carbon Tetrachloride	7.95	117	3659	7.973	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	8821	70.775	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	8821	155.178	ug/l #	6
95) Naphthalene	15.37	128	143	4.592	ug/l #	69

(#) = 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. 0.01 min

Lab File: VW012326.D

Acq: 30 Aug 2019 02:24

Instrument :

MSVOA_W

ClientSampleId :

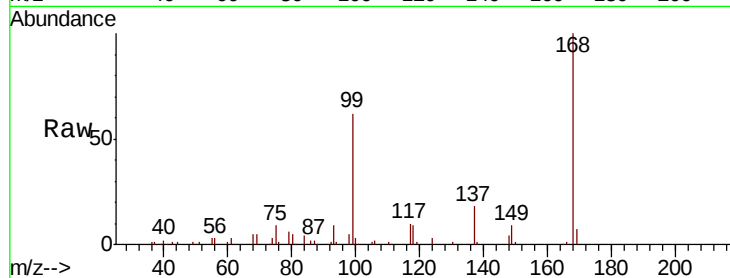
SB-19-10-10.5

Tgt Ion:168 Resp: 33620

Ion Ratio Lower Upper

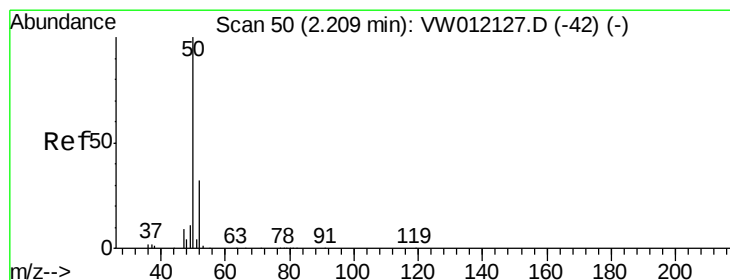
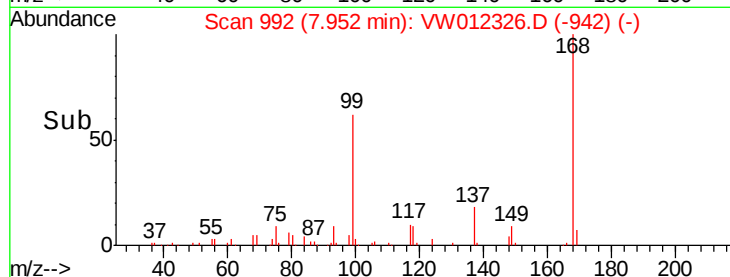
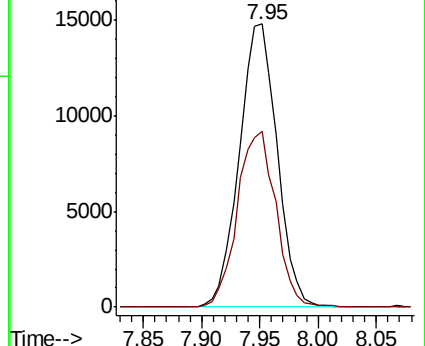
168 100

99 62.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 1.104 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012326.D

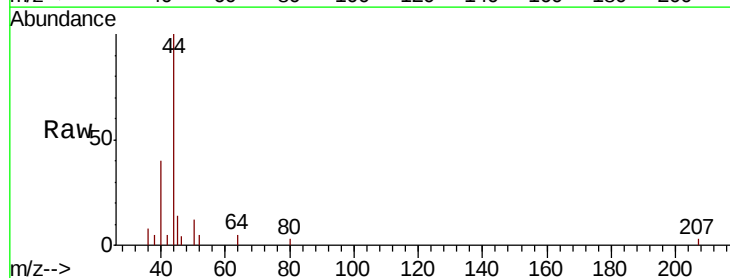
Acq: 30 Aug 2019 02:24

Tgt Ion: 50 Resp: 354

Ion Ratio Lower Upper

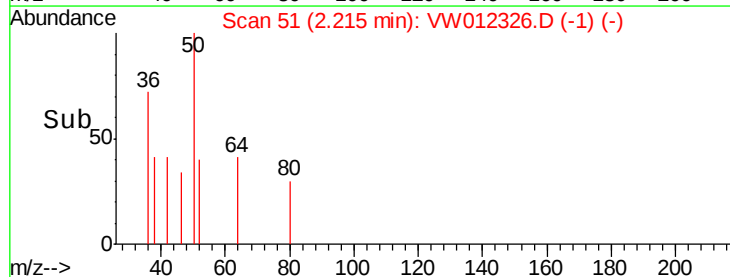
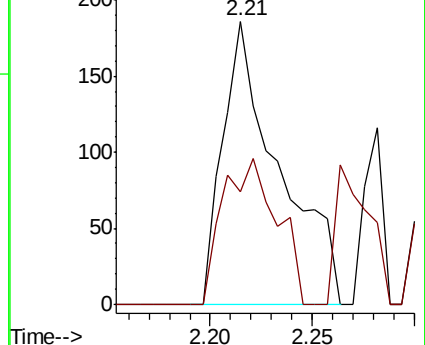
50 100

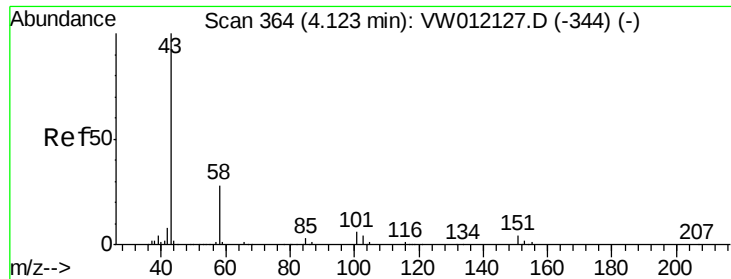
52 39.8 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

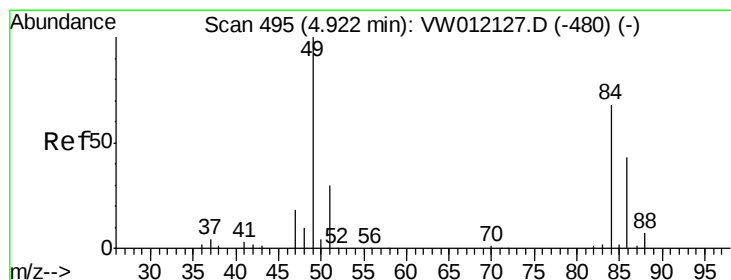
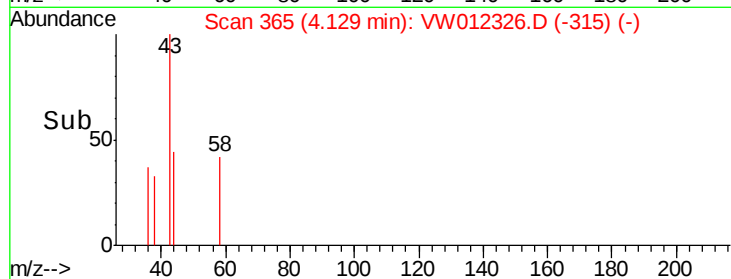
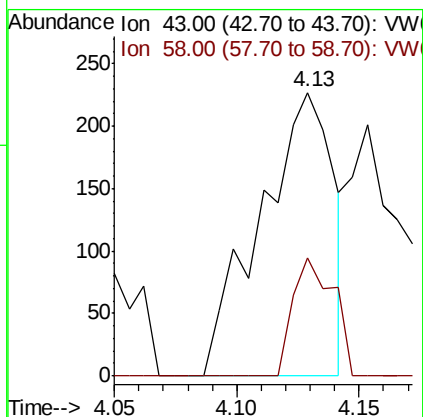
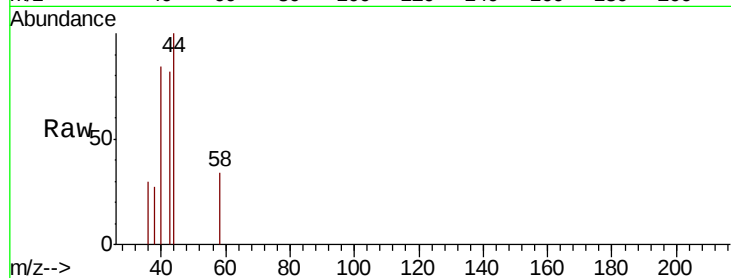




#16
Acetone
Concen: 4.630 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW012326.D
Acq: 30 Aug 2019 02:24

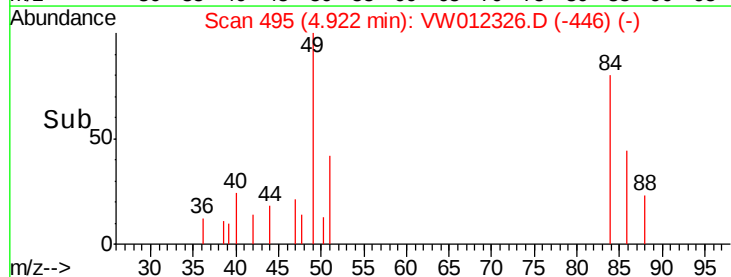
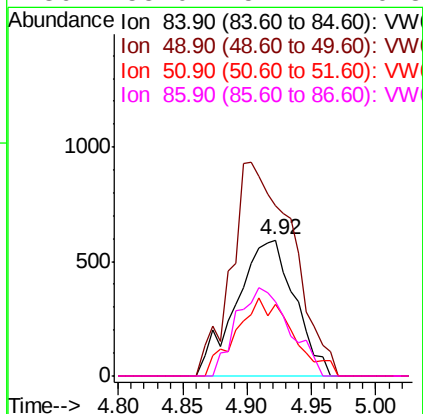
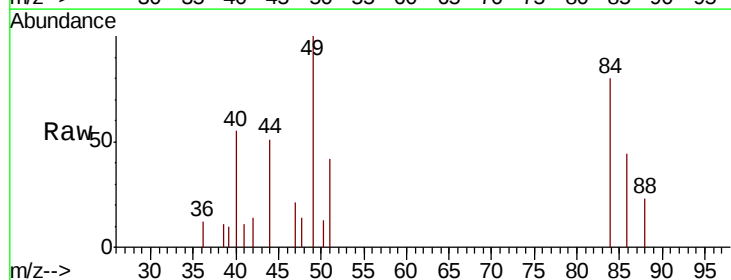
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MSVOA_W
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SB-19-10-10.5

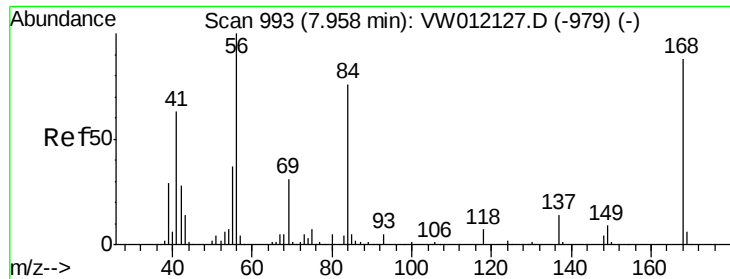
Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
58 41.9 22.4 33.6#



#20
Methylene Chloride
Concen: 4.832 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW012326.D
Acq: 30 Aug 2019 02:24

Tgt Ion: 84 Resp: 1866
Ion Ratio Lower Upper
84 100
49 125.4 117.8 176.8
51 52.6 35.6 53.4
86 55.0 51.2 76.8

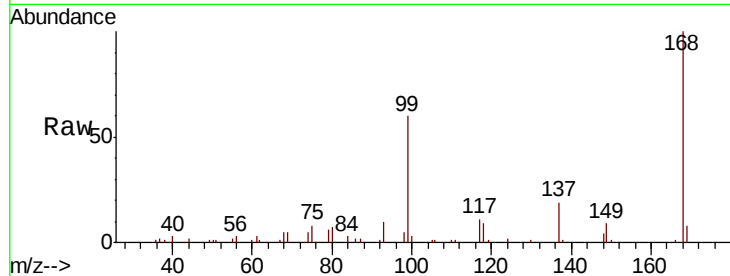




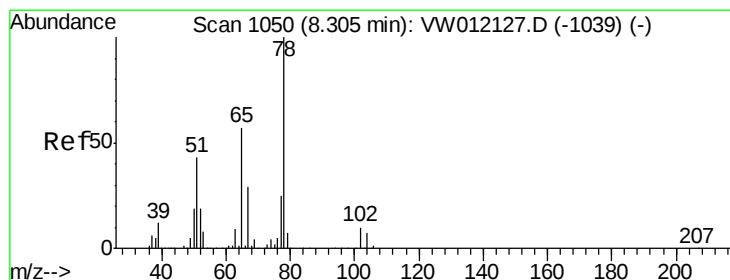
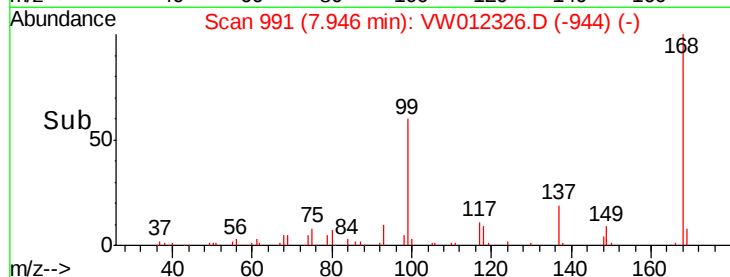
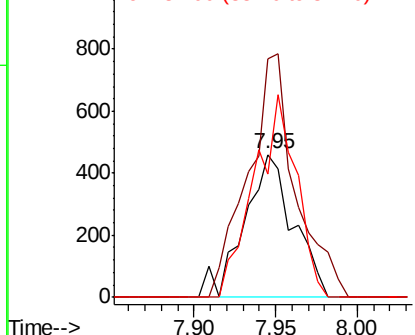
#31
Cyclohexane
Concen: 1.332 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012326.D
Acq: 30 Aug 2019 02:24

Instrument :
MSVOA_W
ClientSampleId :
SB-19-10-10.5

Tgt Ion: 56 Resp: 959
Ion Ratio Lower Upper
56 100
69 166.7 24.9 37.3#
84 86.7 60.6 90.8

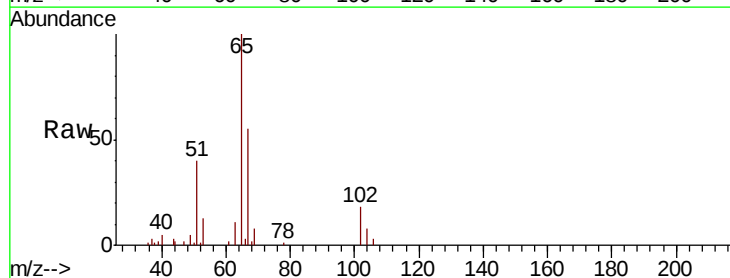


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

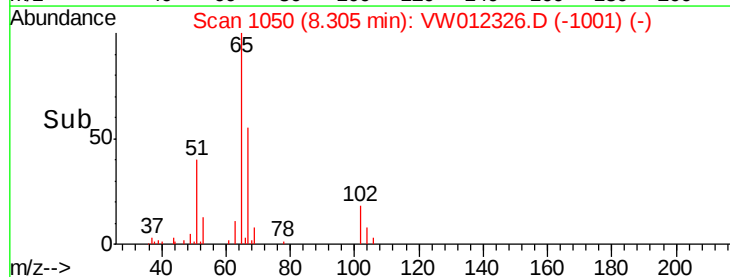
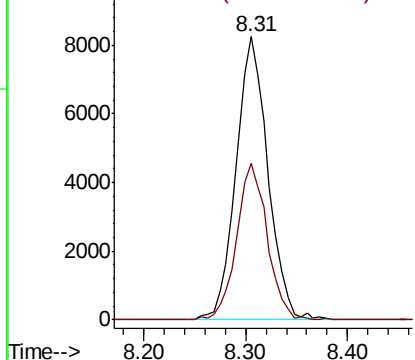


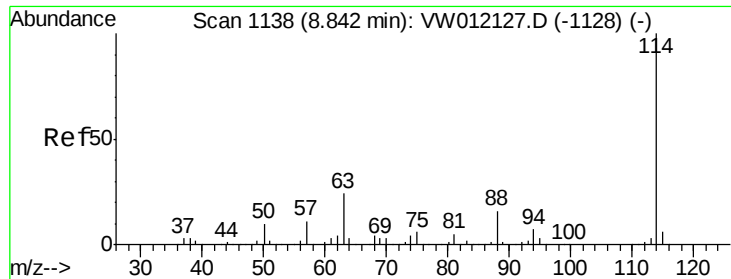
#33
1,2-Dichloroethane-d4
Concen: 44.615 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012326.D
Acq: 30 Aug 2019 02:24

Tgt Ion: 65 Resp: 17831
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

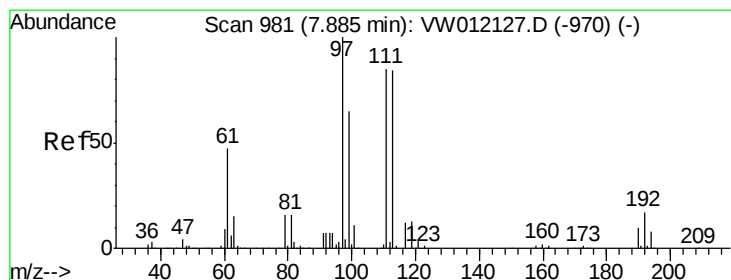
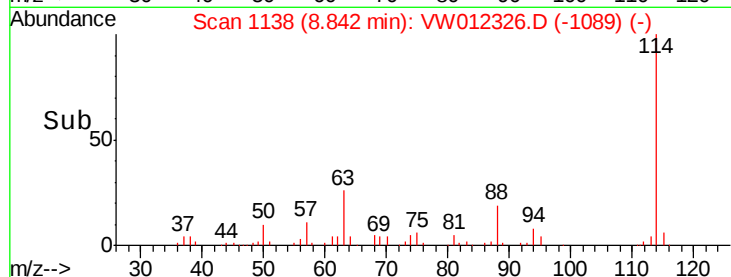
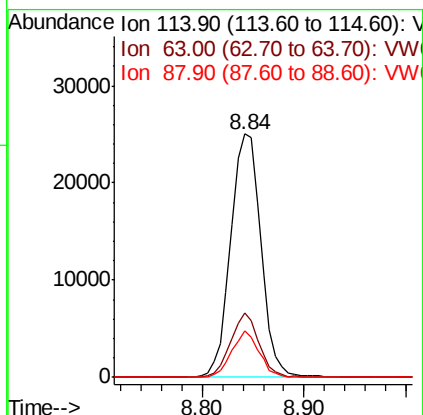
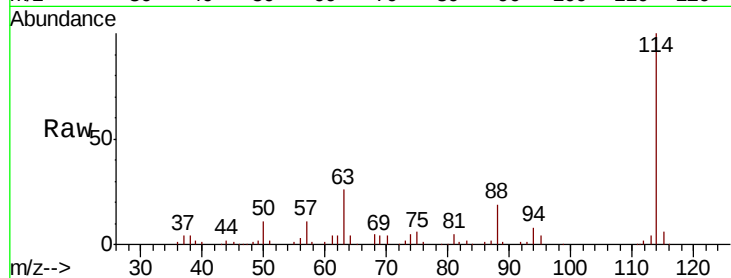




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012326.D
 Acq: 30 Aug 2019 02:24

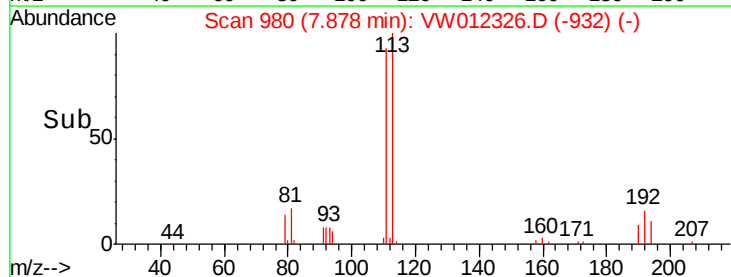
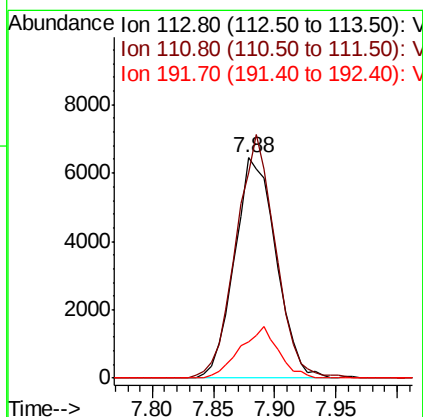
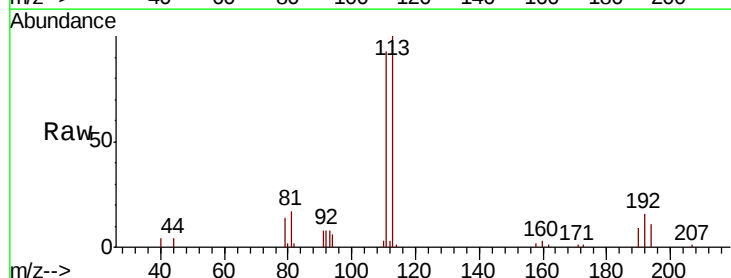
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 SB-19-10-10.5

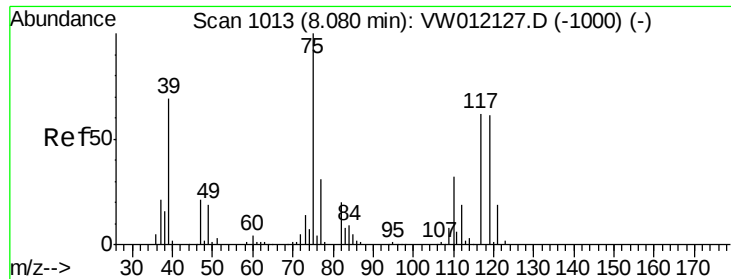
Tgt Ion:114 Resp: 51309
 Ion Ratio Lower Upper
 114 100
 63 26.4 0.0 48.6
 88 19.0 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 49.735 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012326.D
 Acq: 30 Aug 2019 02:24

Tgt Ion:113 Resp: 15232
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.7 124.1
 192 21.5 16.2 24.2

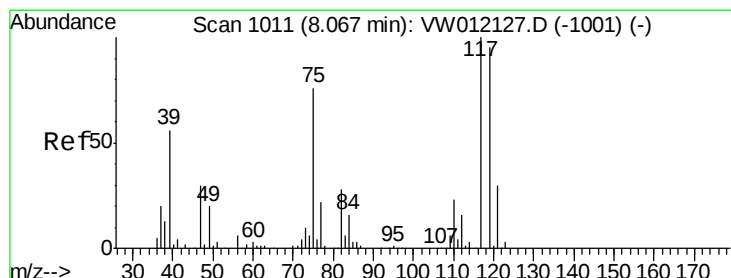
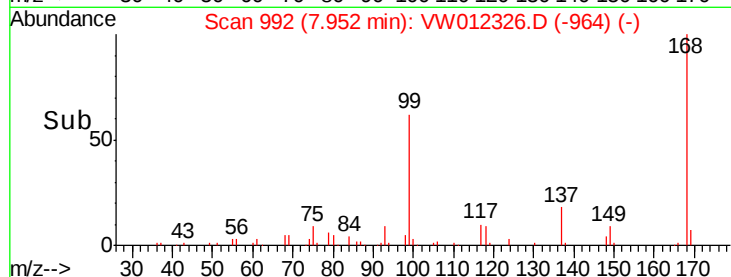
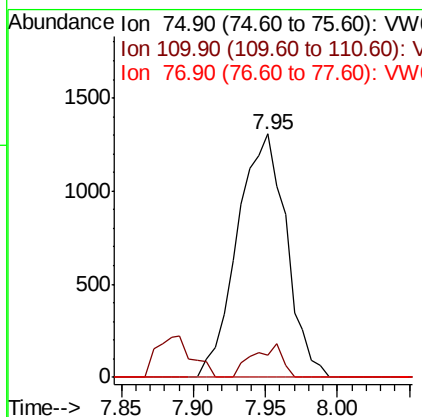
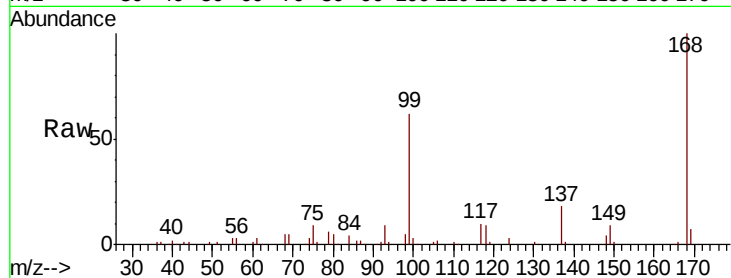




#36
 1,1-Dichloropropene
 Concen: 5.822 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW012326.D
 Acq: 30 Aug 2019 02:24

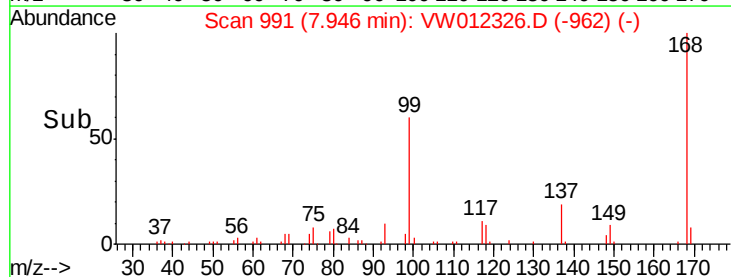
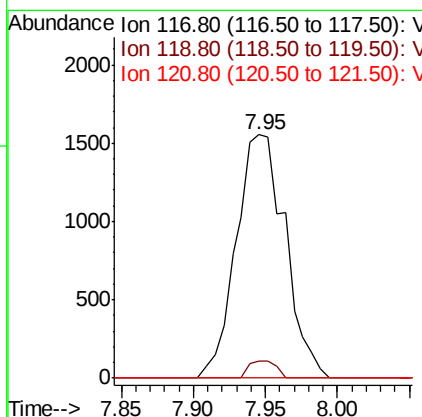
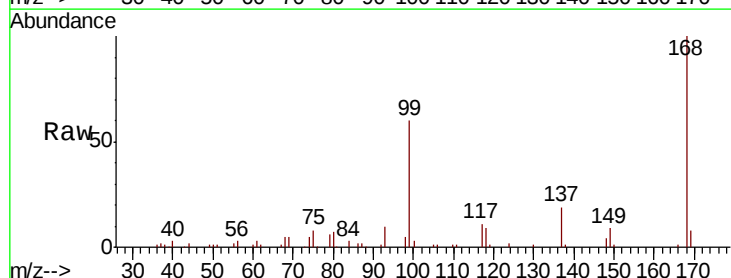
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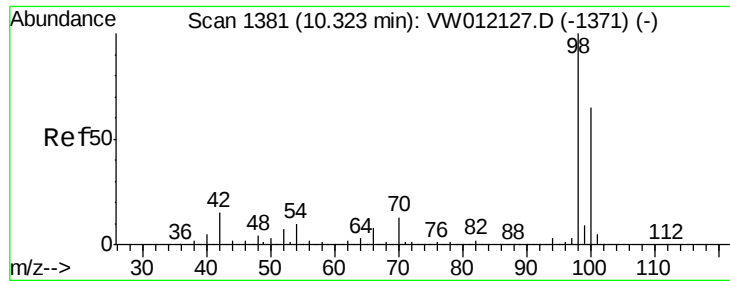
Tgt Ion: 75 Resp: 3087
 Ion Ratio Lower Upper
 75 100
 110 8.1 15.6 46.8#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 7.973 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012326.D
 Acq: 30 Aug 2019 02:24

Tgt Ion: 117 Resp: 3659
 Ion Ratio Lower Upper
 117 100
 119 7.2 76.2 114.2#
 121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 49.874 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012326.D

Acq: 30 Aug 2019 02:24

Instrument :

MSVOA_W

ClientSampleId :

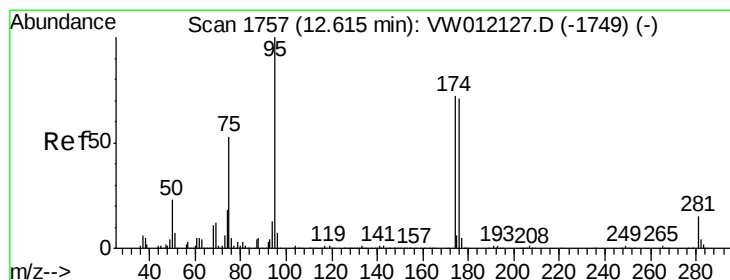
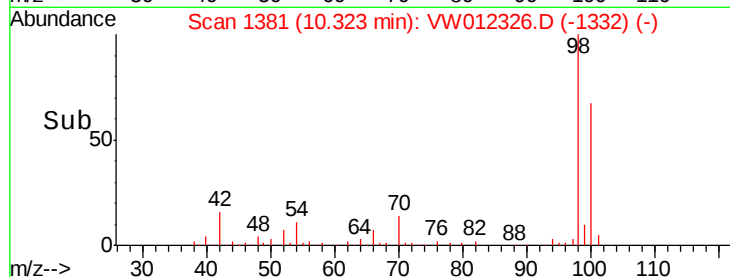
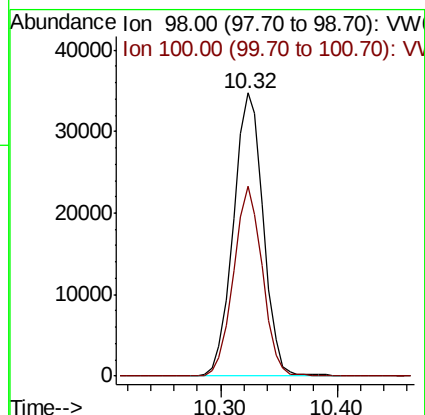
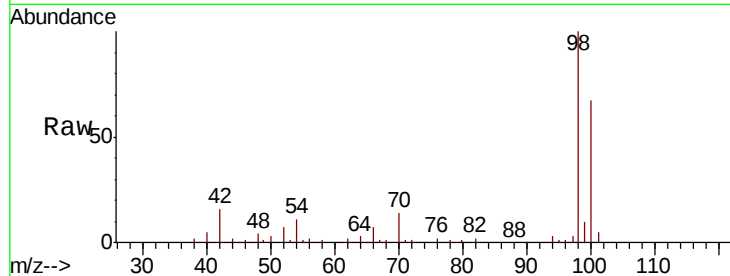
SB-19-10-10.5

Tgt Ion: 98 Resp: 61934

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 37.954 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012326.D

Acq: 30 Aug 2019 02:24

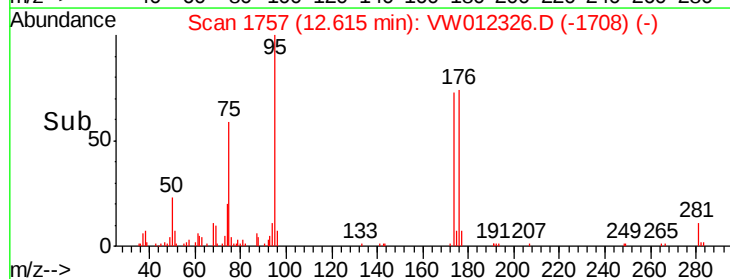
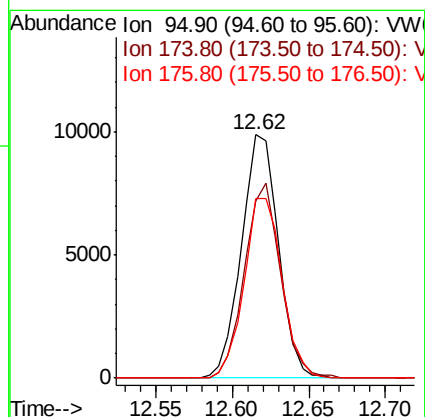
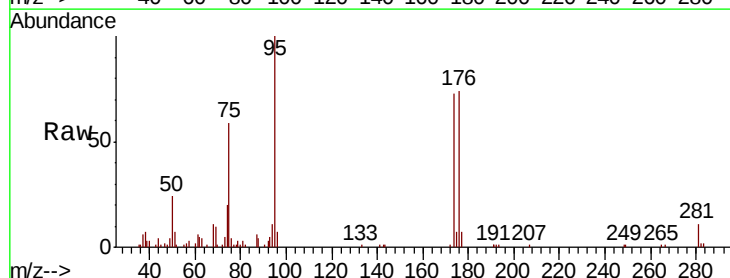
Tgt Ion: 95 Resp: 16614

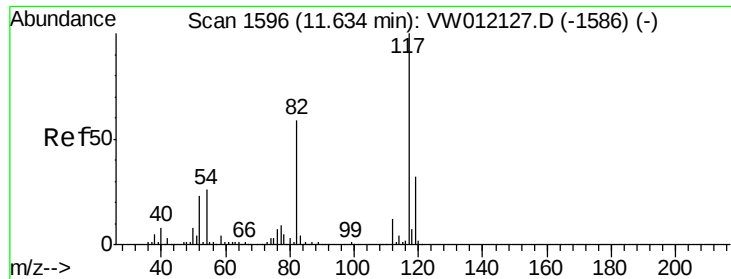
Ion Ratio Lower Upper

95 100

174 78.1 0.0 150.8

176 76.1 0.0 148.6

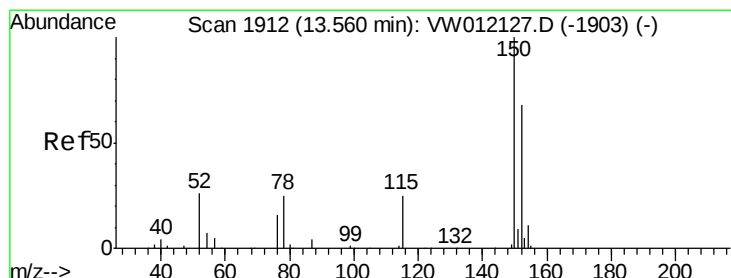
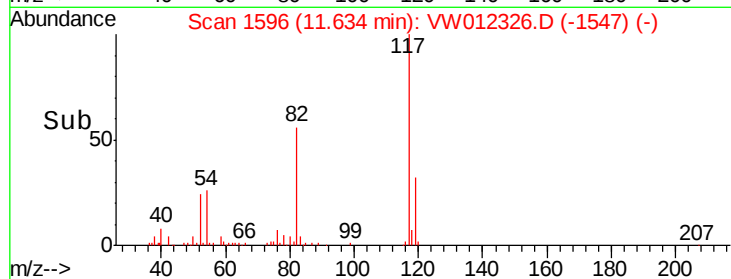
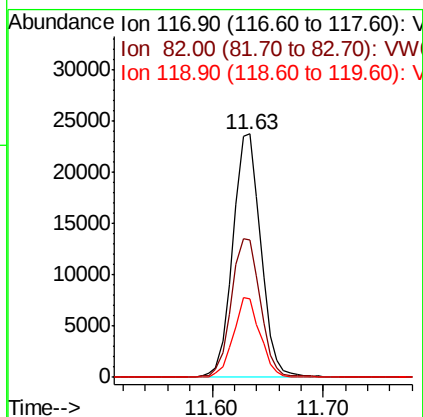
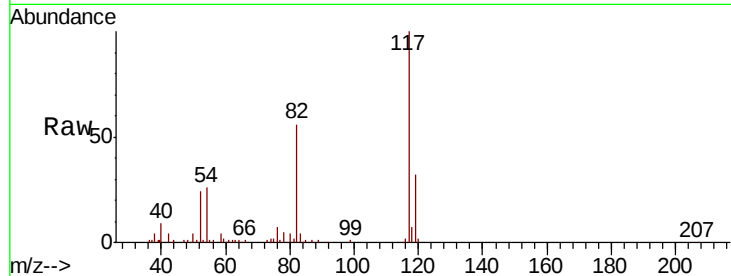




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012326.D
Acq: 30 Aug 2019 02:24

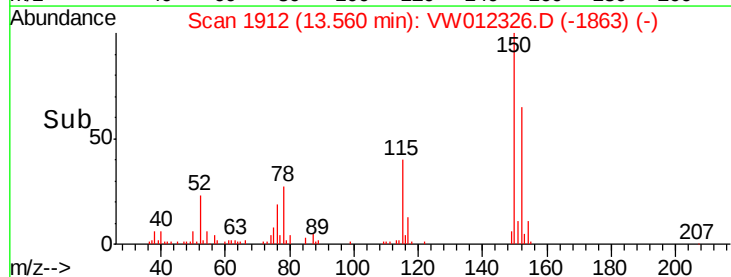
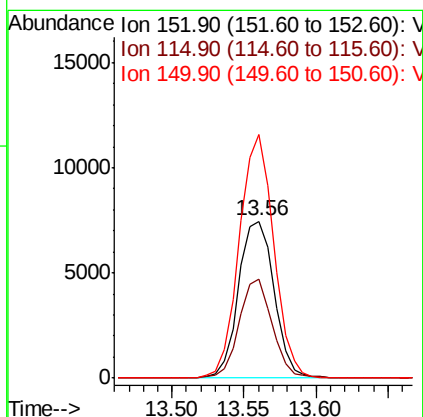
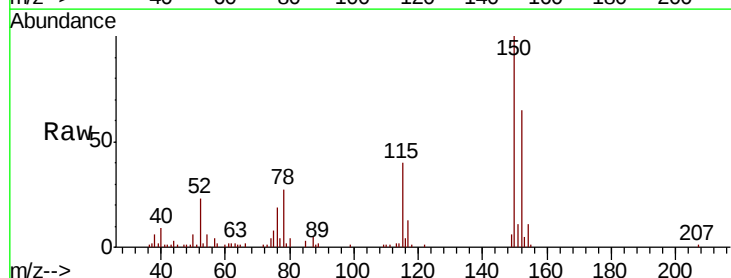
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MSVOA_W
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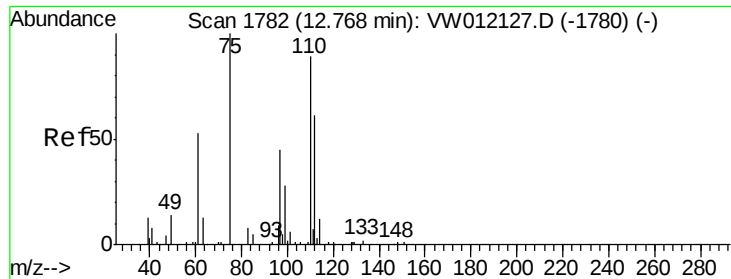
Tgt Ion:117 Resp: 41287
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012326.D
Acq: 30 Aug 2019 02:24

Tgt Ion:152 Resp: 12797
Ion Ratio Lower Upper
152 100
115 58.7 30.1 90.3
150 150.1 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 70.775 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012326.D

Acq: 30 Aug 2019 02:24

Instrument :

MSVOA_W

ClientSampleId :

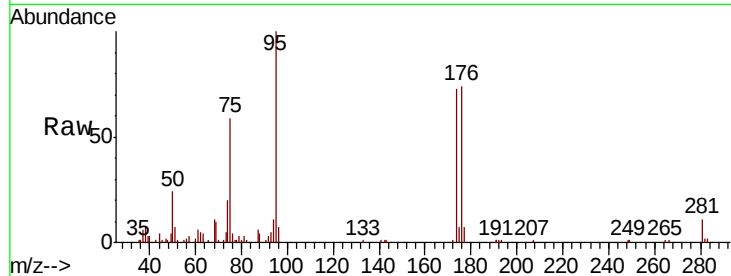
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Tgt Ion: 75 Resp: 8821

Ion Ratio Lower Upper

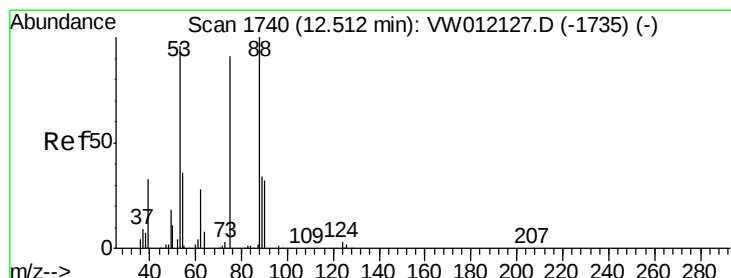
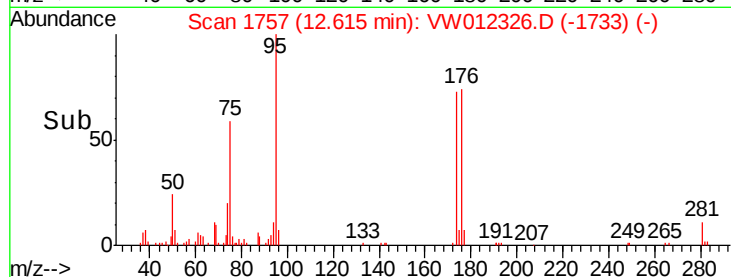
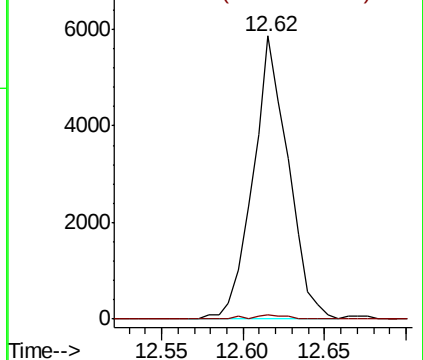
75 100

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: 155.178 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012326.D

Acq: 30 Aug 2019 02:24

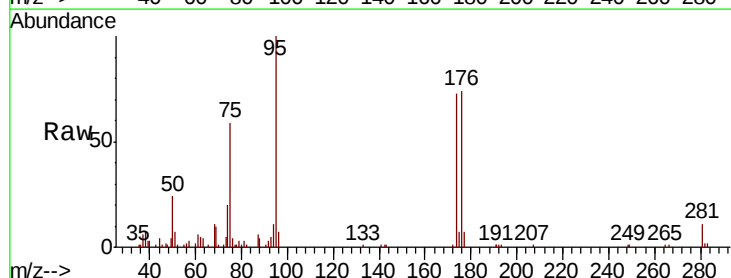
Tgt Ion: 75 Resp: 8821

Ion Ratio Lower Upper

75 100

53 0.0 89.4 134.0#

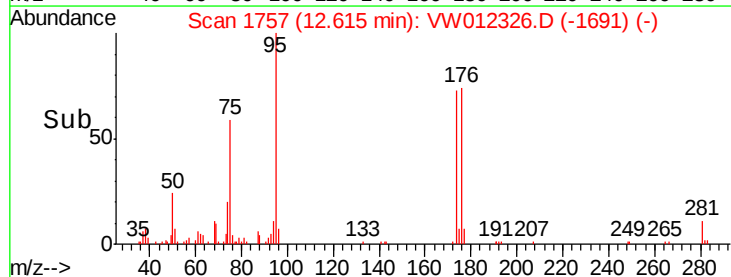
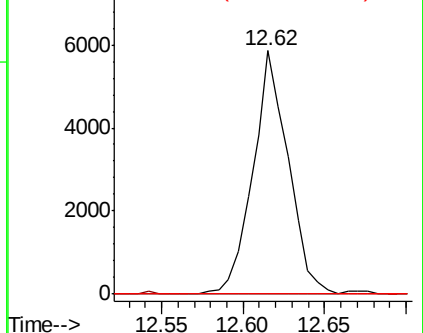
89 0.0 34.5 51.7#

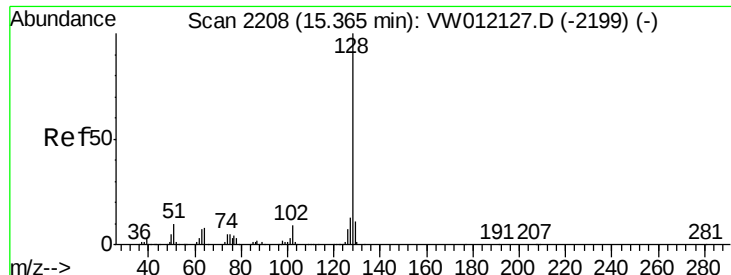


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

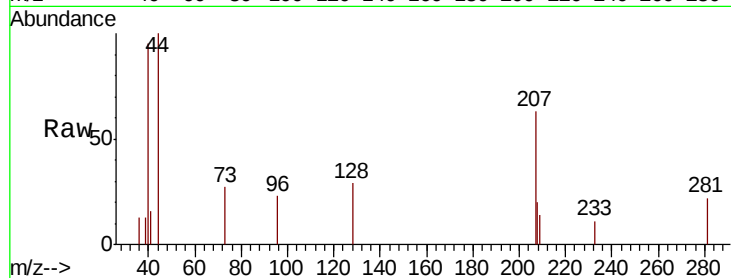




#95
Naphthalene
Concen: 4.592 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012326.D
Acq: 30 Aug 2019 02:24

Instrument :
MSVOA_W
ClientSampleId :
SB-19-10-10.5

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.7	13.1#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

