

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007860.D
 Acq On : 22 Dec 2018 22:47
 Operator : SY/AP
 Sample : J6511-02
 Misc : 5.35G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-58(0-5)-GRAB

Quant Time: Dec 23 23:57:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	84284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	139802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	114536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	42066	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	51448	55.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.38%	
35) Dibromofluoromethane	7.88	113	43629	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	10.32	98	162726	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.62	95	52347	42.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.28%	

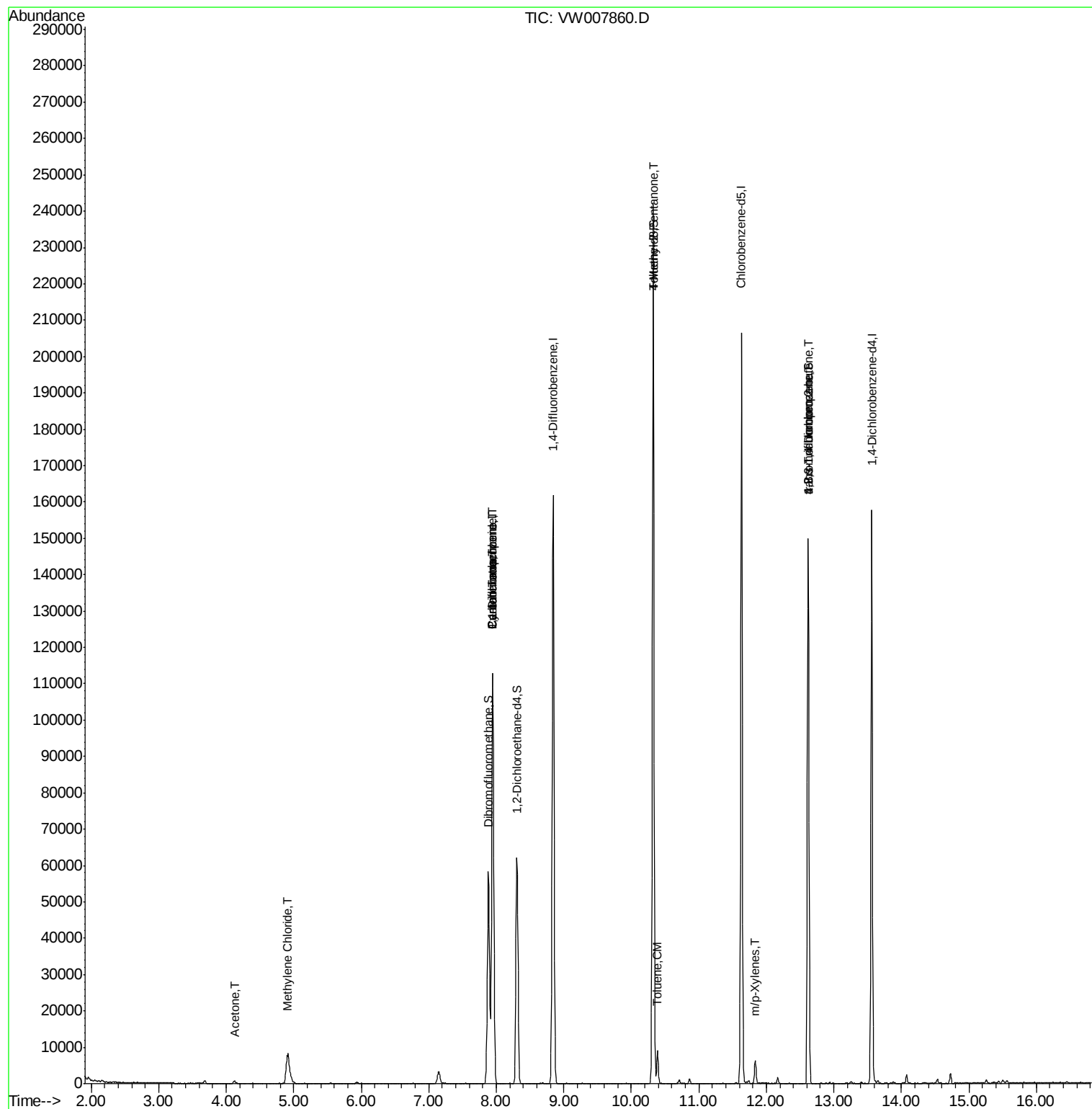
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	1344	7.769	ug/l	93
20) Methylene Chloride	4.90	84	7933	3.277	ug/l	95
31) Cyclohexane	7.95	56	1757	1.278	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	6317	4.682	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8907	5.605	ug/l #	14
51) 4-Methyl-2-Pentanone	10.32	43	670	1.520	ug/l #	1
52) Toluene	10.39	92	4088	1.692	ug/l	93
68) m/p-Xylenes	11.83	106	2013	1.220	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	25785	79.307	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	25785	166.470	ug/l #	9

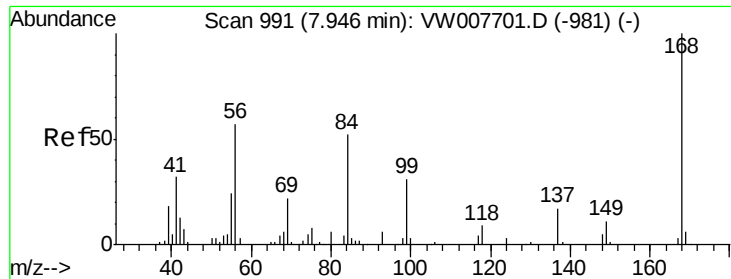
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007860.D

Acq: 22 Dec 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

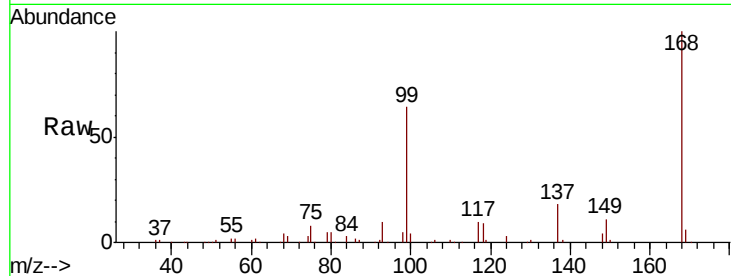
SB-58(0-5)-GRAB

Tgt Ion:168 Resp: 84284

Ion Ratio Lower Upper

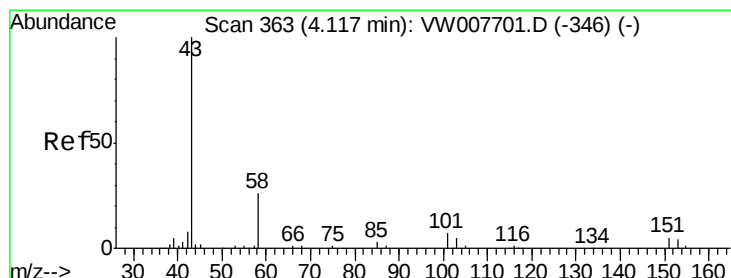
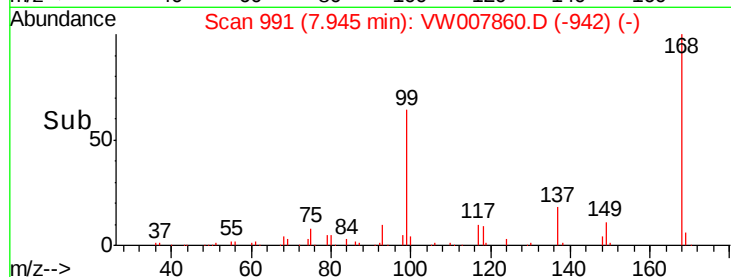
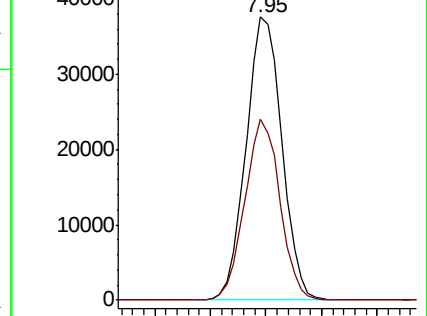
168 100

99 63.8 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 7.769 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007860.D

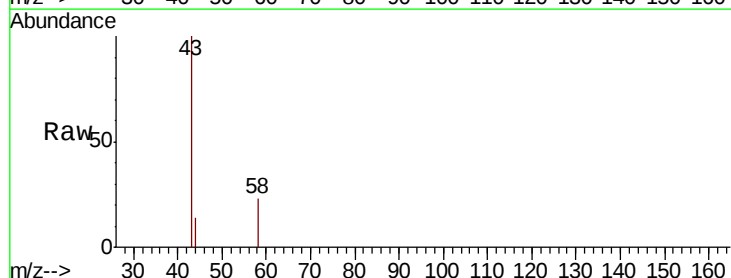
Acq: 22 Dec 2018 22:47

Tgt Ion: 43 Resp: 1344

Ion Ratio Lower Upper

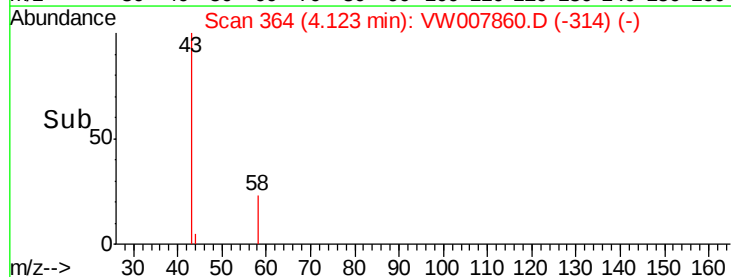
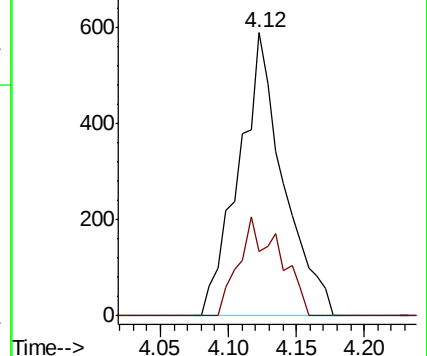
43 100

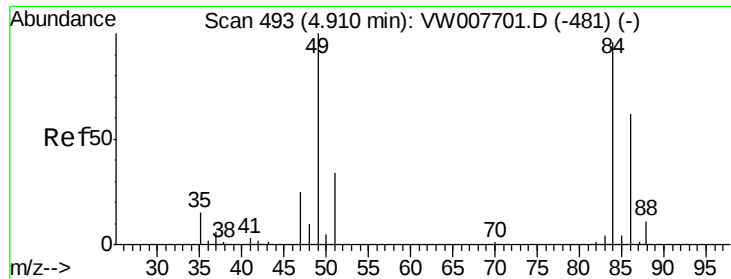
58 23.0 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

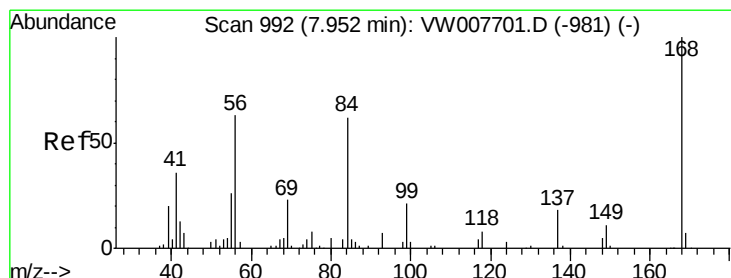
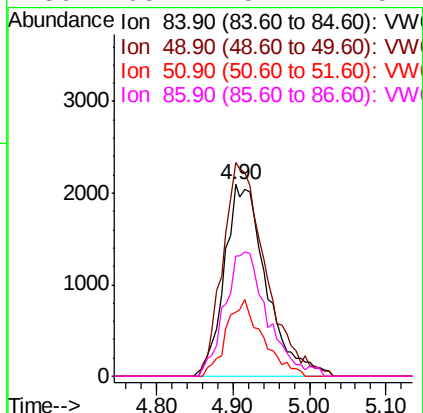
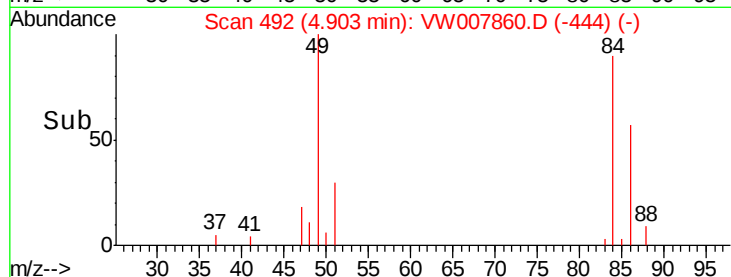
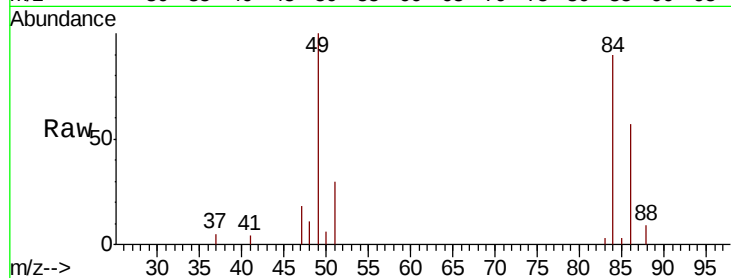




#20
Methylene Chloride
Concen: 3.277 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW007860.D
Acq: 22 Dec 2018 22:47

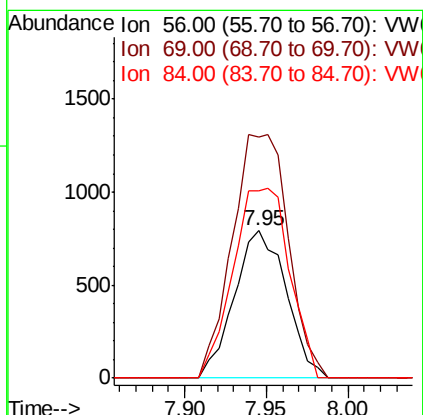
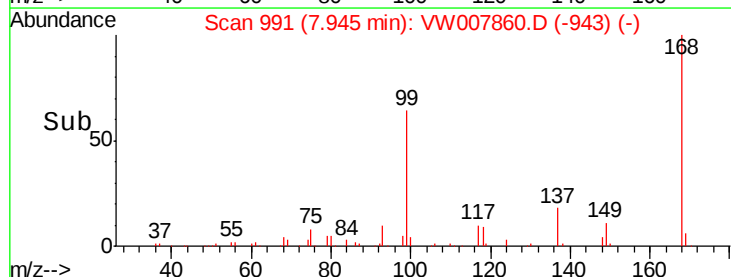
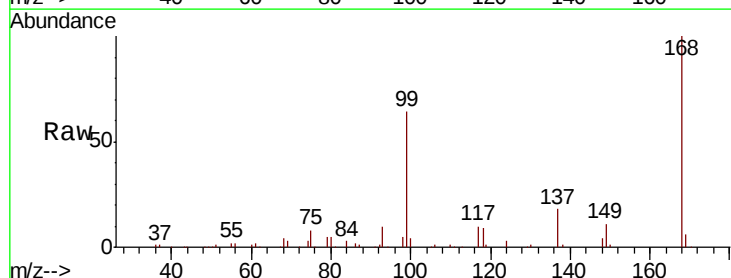
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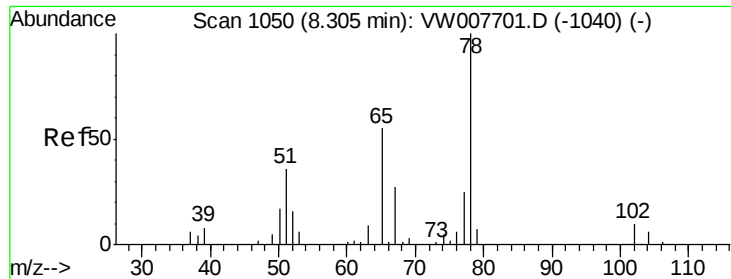
Tgt Ion:	84	Resp:	7933
Ion	Ratio	Lower	Upper
84	100		
49	111.4	83.7	125.5
51	33.5	28.2	42.2
86	63.1	52.2	78.2



#31
Cyclohexane
Concen: 1.278 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007860.D
Acq: 22 Dec 2018 22:47

Tgt Ion:	56	Resp:	1757
Ion	Ratio	Lower	Upper
56	100		
69	163.4	29.7	44.5#
84	126.6	78.9	118.3#

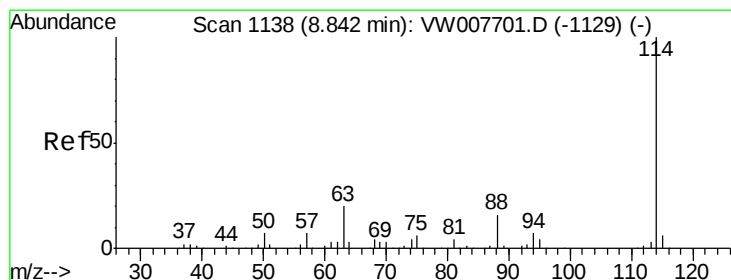
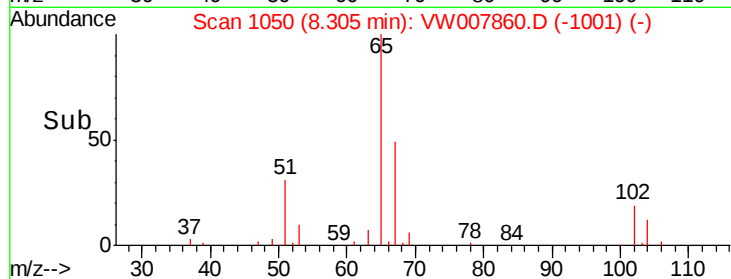
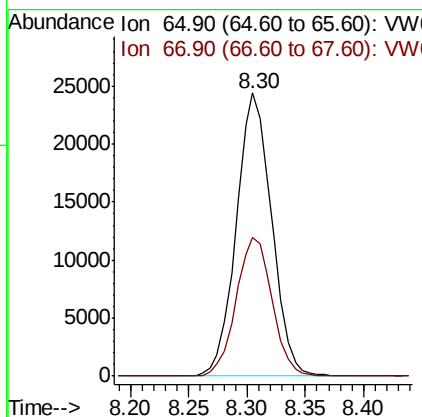
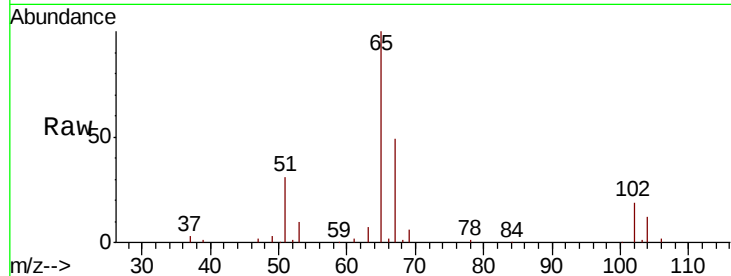




#33
 1,2-Dichloroethane-d4
 Concen: 55.692 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007860.D
 Acq: 22 Dec 2018 22:47

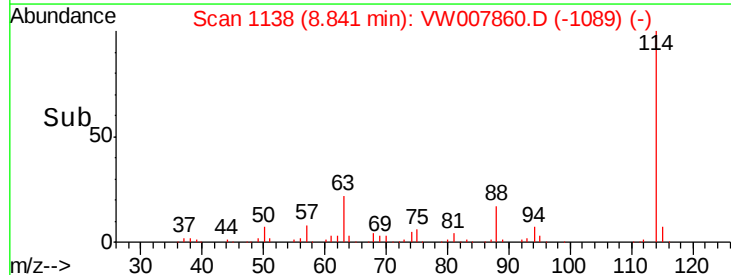
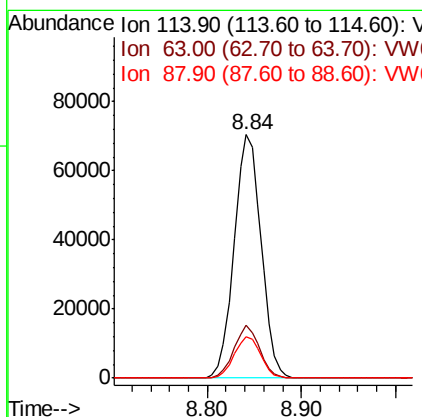
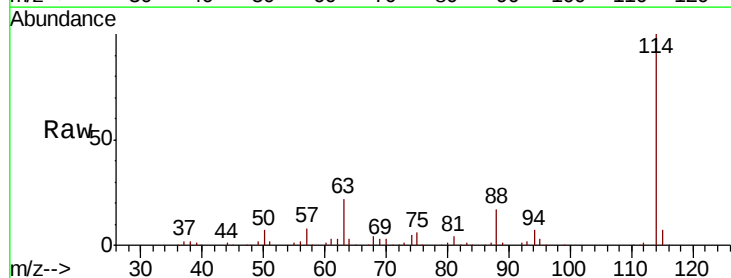
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-58(0-5)-GRAB

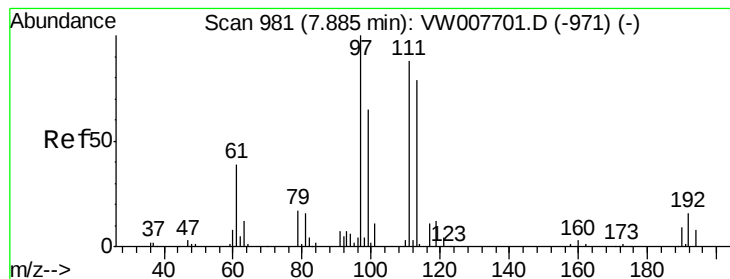
Tgt Ion: 65 Resp: 51448
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007860.D
 Acq: 22 Dec 2018 22:47

Tgt Ion: 114 Resp: 139802
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.0
 88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.156 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007860.D

Acq: 22 Dec 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

SB-58(0-5)-GRAB

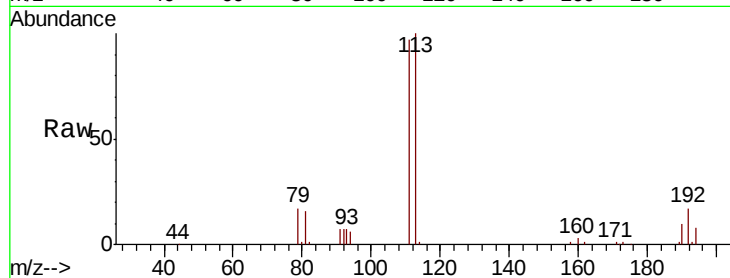
Tgt Ion:113 Resp: 43629

Ion Ratio Lower Upper

113 100

111 99.7 82.6 124.0

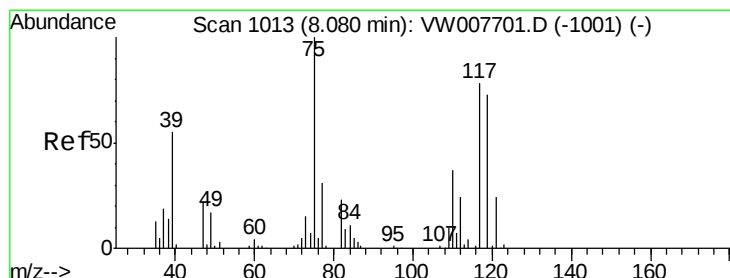
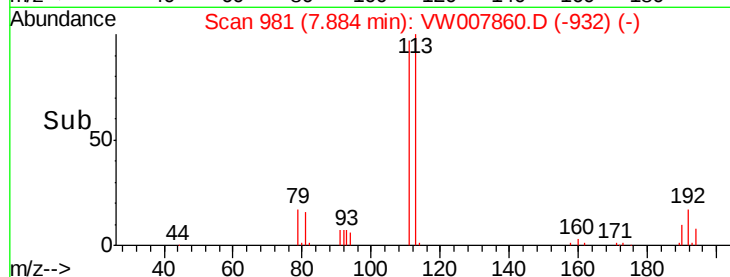
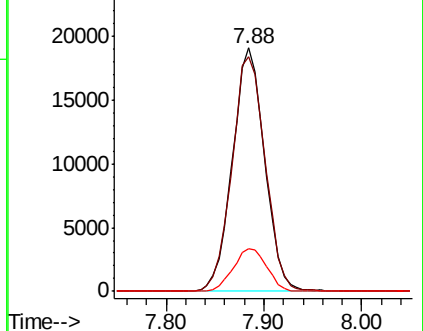
192 18.2 15.5 23.3



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: 4.682 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007860.D

Acq: 22 Dec 2018 22:47

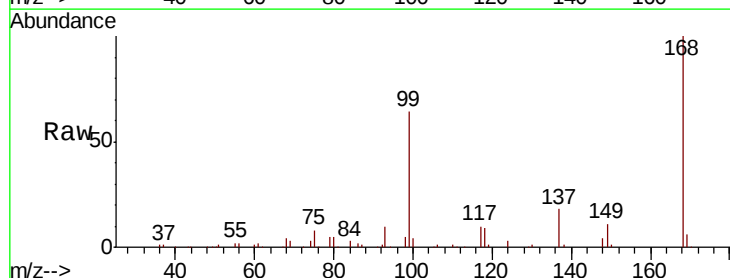
Tgt Ion: 75 Resp: 6317

Ion Ratio Lower Upper

75 100

110 9.9 18.6 55.8#

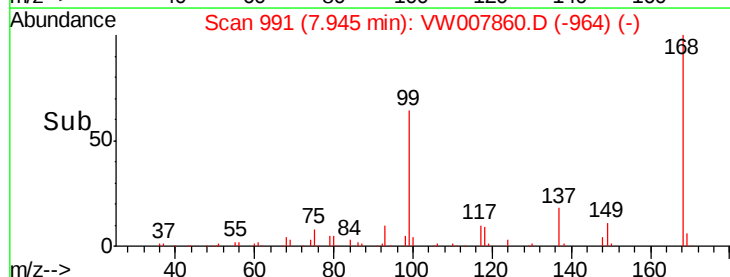
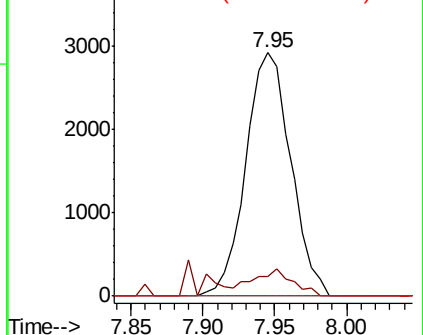
77 0.0 25.0 37.4#

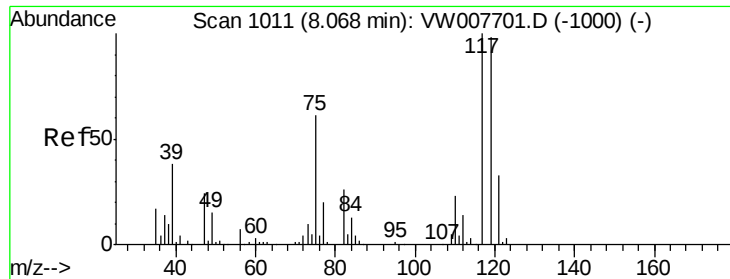


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

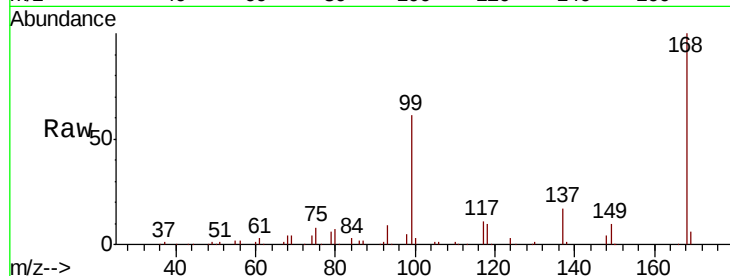




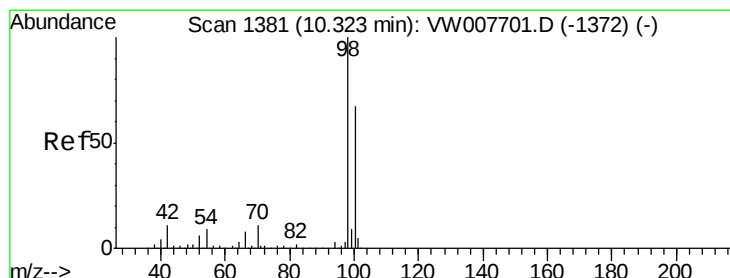
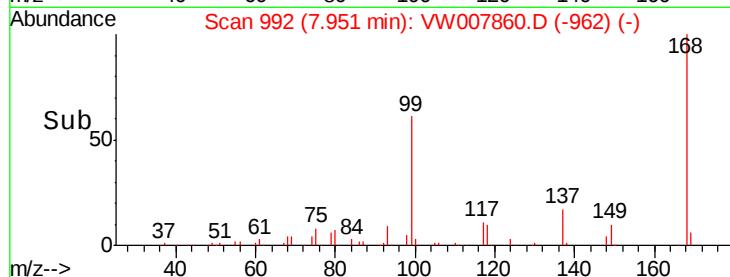
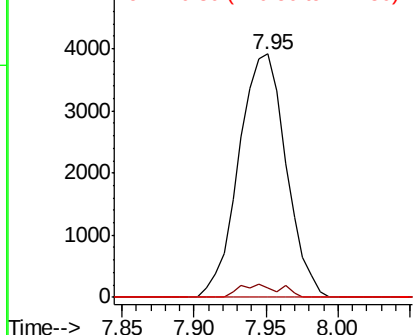
#38
Carbon Tetrachloride
Concen: 5.605 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007860.D
Acq: 22 Dec 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
SB-58(0-5)-GRAB

Tgt Ion:117 Resp: 8907
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 26.1 39.1#

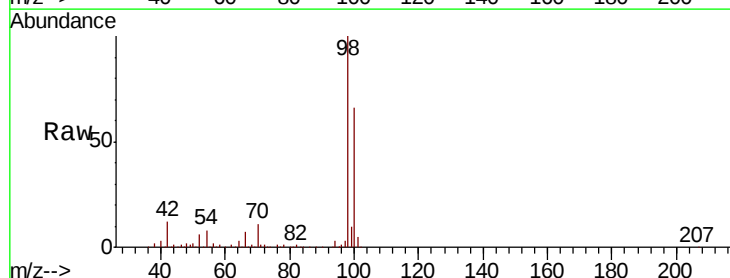


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

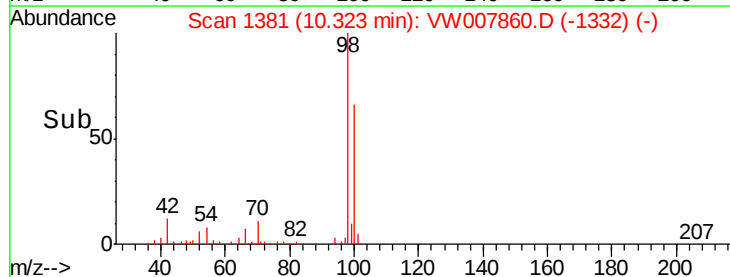
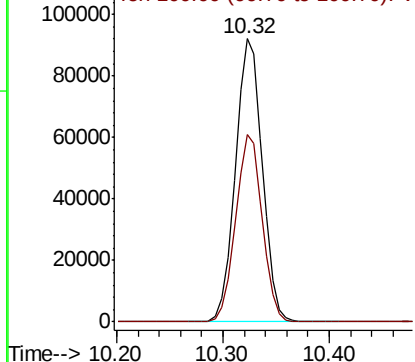


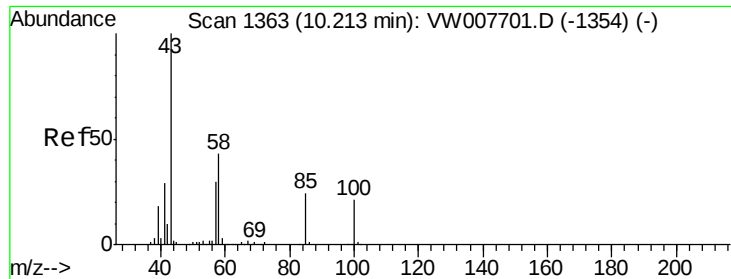
#50
Toluene-d8
Concen: 50.612 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007860.D
Acq: 22 Dec 2018 22:47

Tgt Ion: 98 Resp: 162726
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2



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

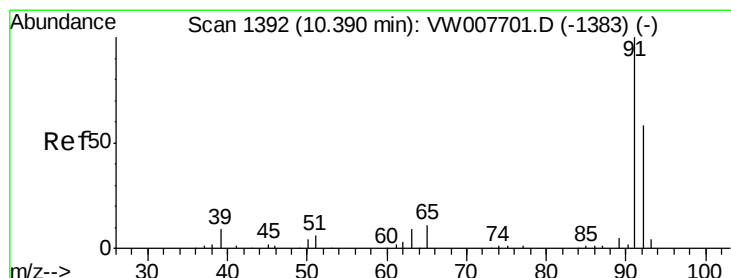
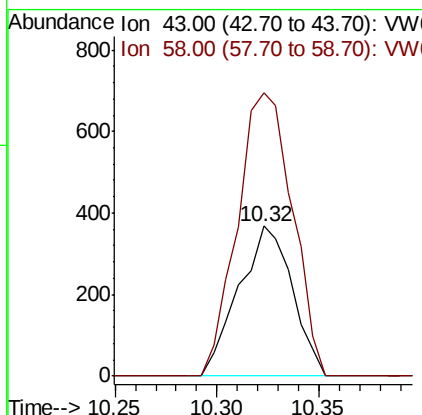
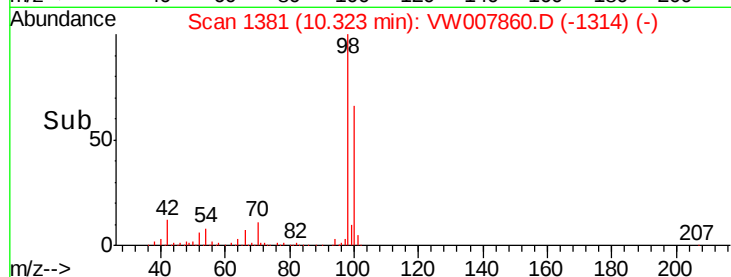
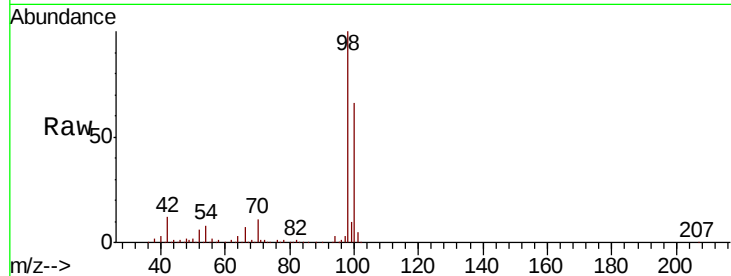




#51
 4-Methyl-2-Pentanone
 Concen: 1.520 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.11 min
 Lab File: VW007860.D
 Acq: 22 Dec 2018 22:47

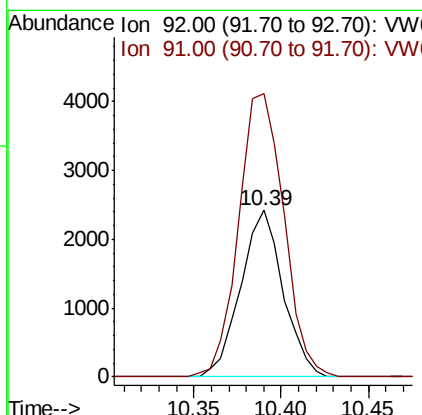
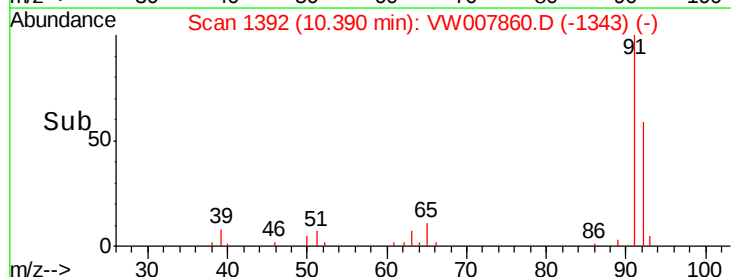
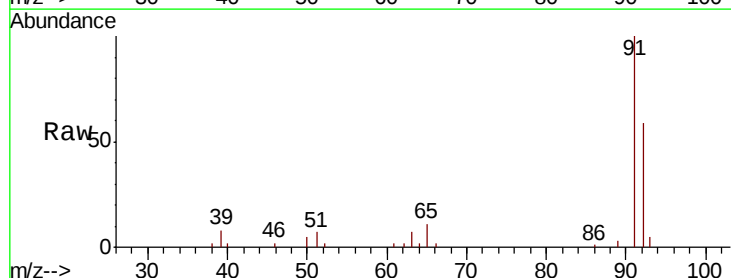
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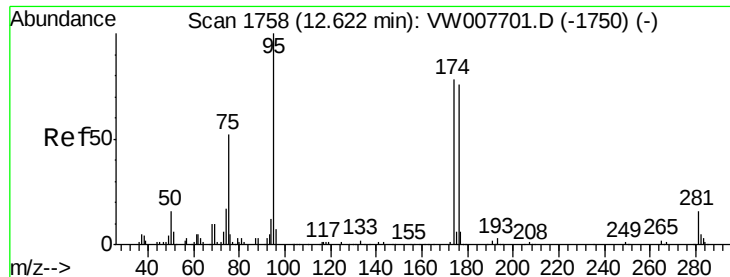
Tgt Ion: 43 Resp: 670
 Ion Ratio Lower Upper
 43 100
 58 193.9 33.2 49.8#



#52
 Toluene
 Concen: 1.692 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007860.D
 Acq: 22 Dec 2018 22:47

Tgt Ion: 92 Resp: 4088
 Ion Ratio Lower Upper
 92 100
 91 181.1 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 42.144 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007860.D

Acq: 22 Dec 2018 22:47

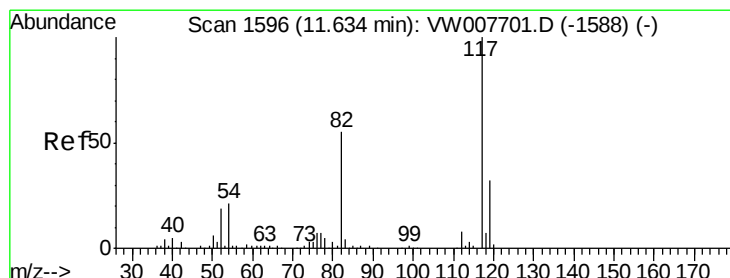
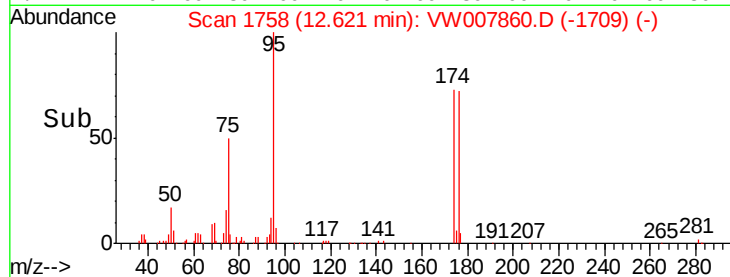
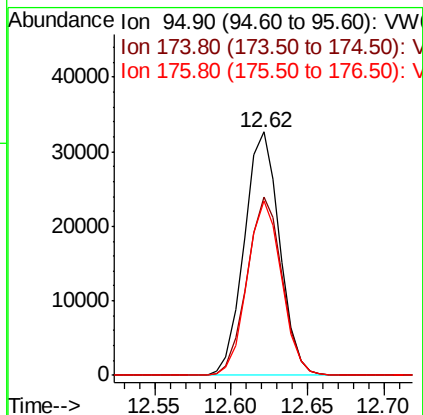
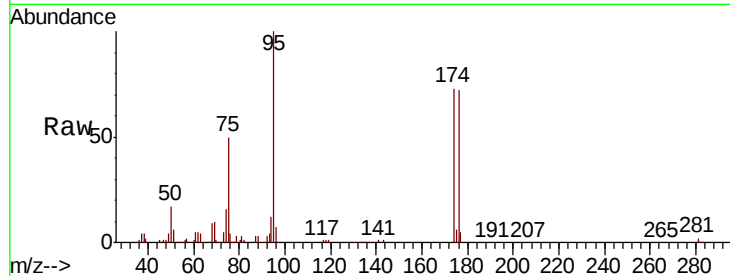
Instrument :

MSVOA_W

ClientSampleId :

SB-58(0-5)-GRAB

Tgt Ion:	95	Resp:	52347
Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	152.2
176	70.3	0.0	146.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

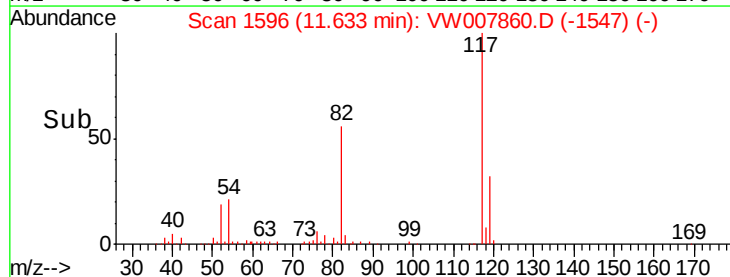
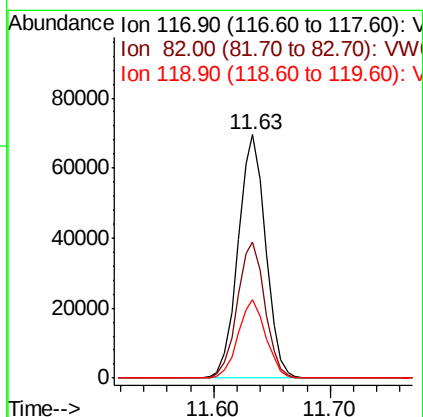
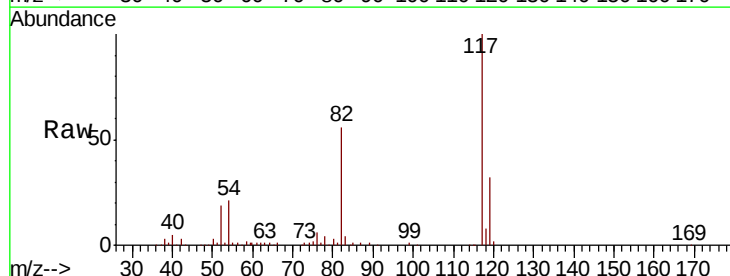
RT: 11.63 min Scan# 1596

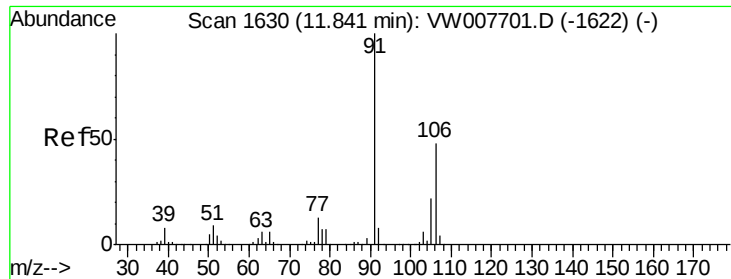
Delta R.T. -0.00 min

Lab File: VW007860.D

Acq: 22 Dec 2018 22:47

Tgt Ion:	117	Resp:	114536
Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.3	66.5
119	32.3	25.7	38.5

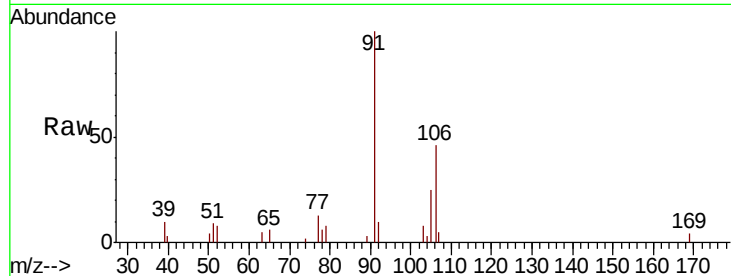




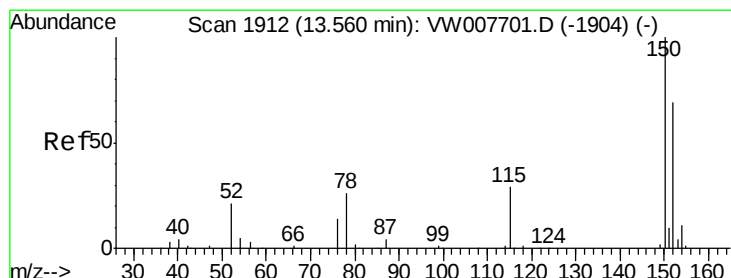
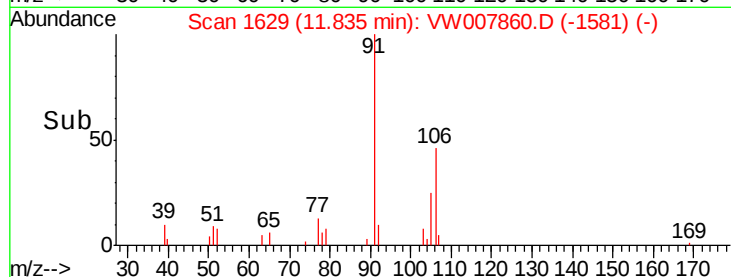
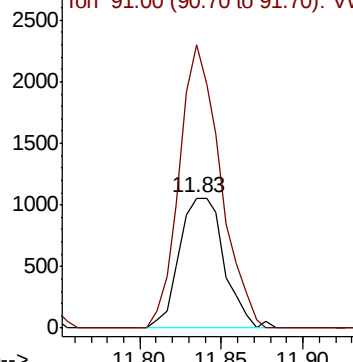
#68
m/p-Xylenes
Concen: 1.220 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007860.D
Acq: 22 Dec 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
SB-58(0-5)-GRAB

Tgt Ion:106 Resp: 2013
Ion Ratio Lower Upper
106 100
91 201.0 165.2 247.8

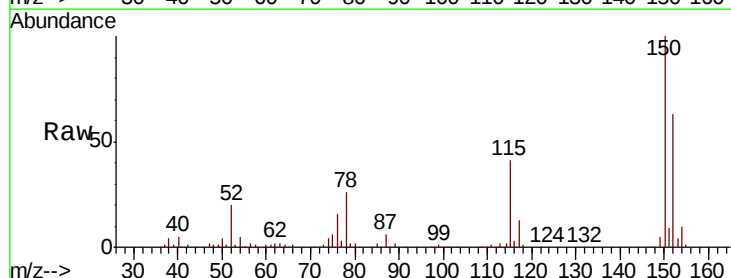


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

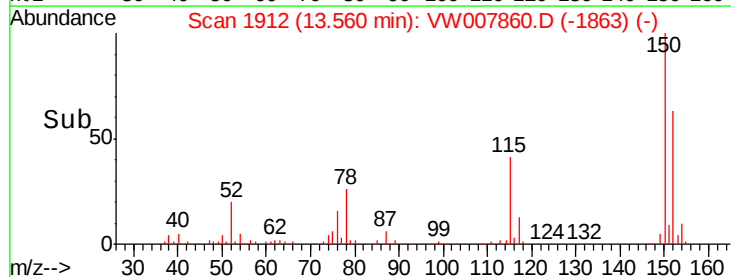
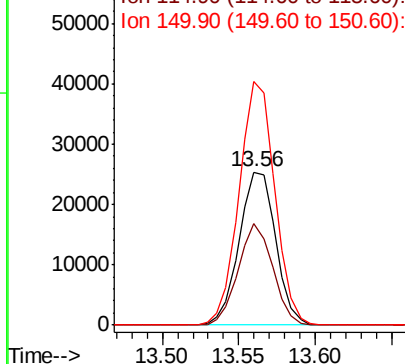


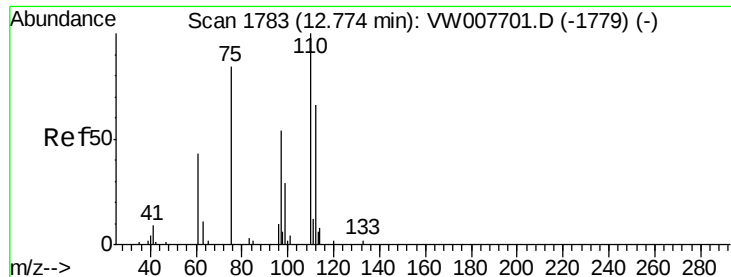
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007860.D
Acq: 22 Dec 2018 22:47

Tgt Ion:152 Resp: 42066
Ion Ratio Lower Upper
152 100
115 62.7 31.8 95.4
150 155.4 0.0 350.8



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: 79.307 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007860.D

Acq: 22 Dec 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

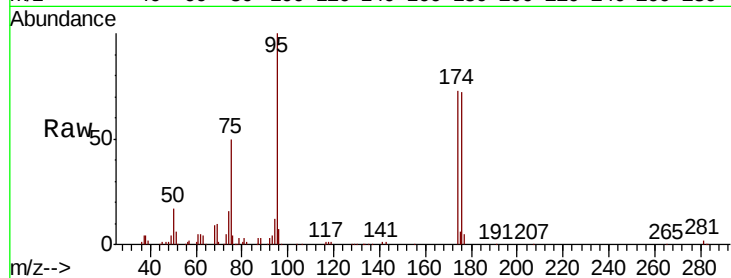
SB-58(0-5)-GRAB

Tgt Ion: 75 Resp: 25785

Ion Ratio Lower Upper

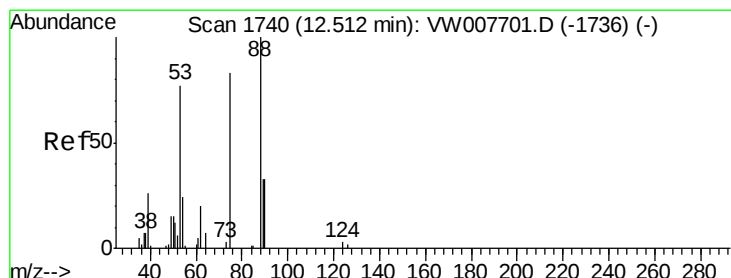
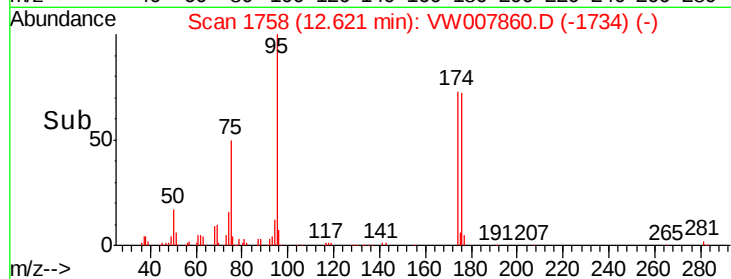
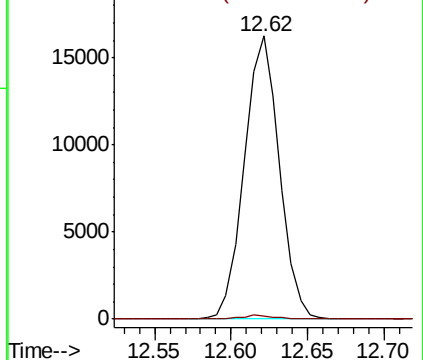
75 100

77 1.1 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: 166.470 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007860.D

Acq: 22 Dec 2018 22:47

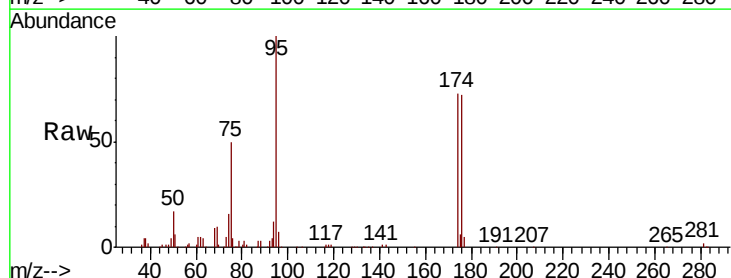
Tgt Ion: 75 Resp: 25785

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#



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

