

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007859.D
 Acq On : 22 Dec 2018 22:21
 Operator : SY/AP
 Sample : J6511-01
 Misc : 6.39G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-57(0-5)-GRAB

Quant Time: Dec 23 23:57:33 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	98894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	171446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	139518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54834	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	55597	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
35) Dibromofluoromethane	7.88	113	49308	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
50) Toluene-d8	10.32	98	191488	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.62	95	62420	40.98	ug/l	0.00
Spiked Amount			Recovery	=	81.96%	

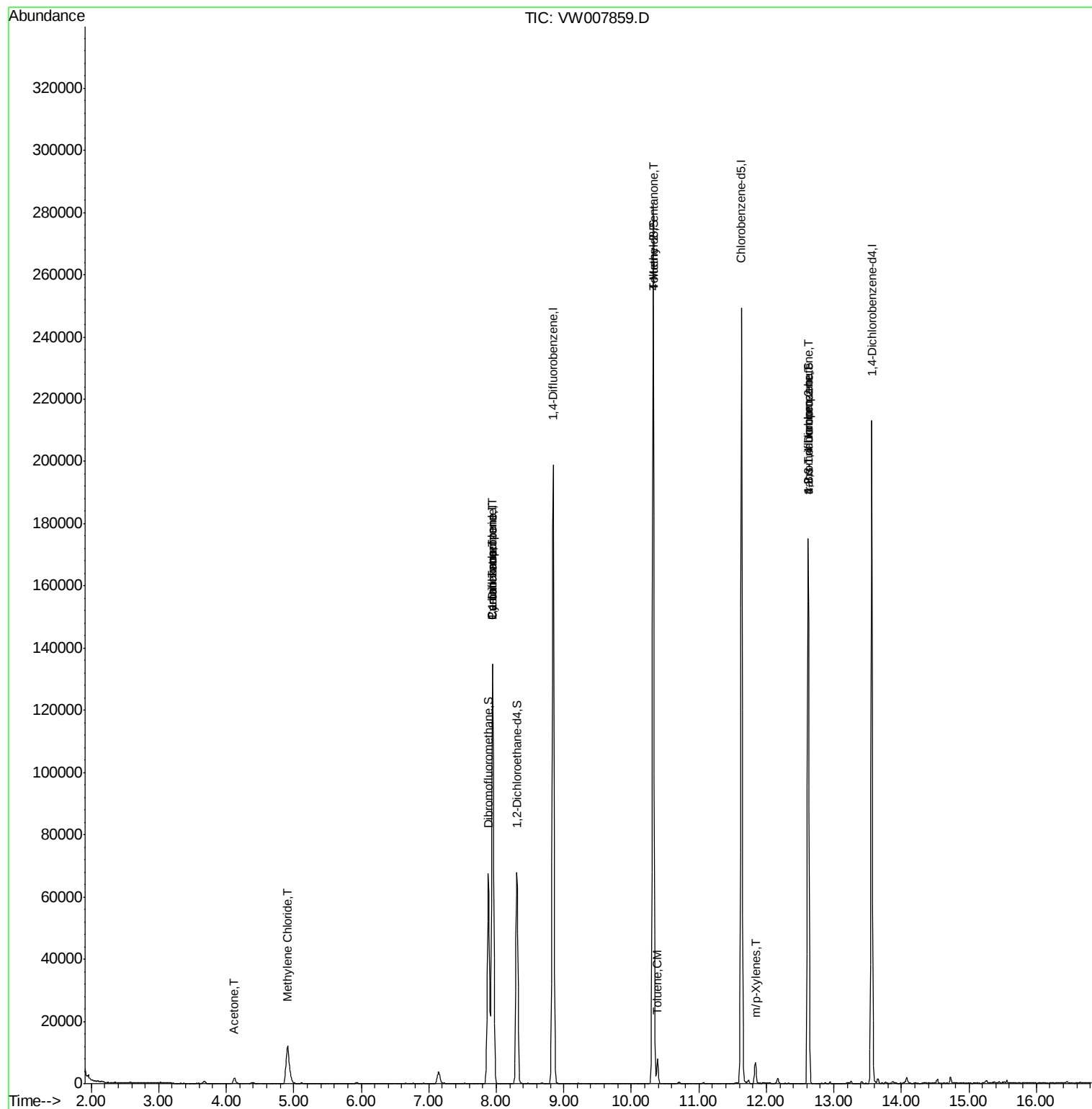
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	3080	15.174	ug/l #	89
20) Methylene Chloride	4.91	84	10994	5.178	ug/l	93
31) Cyclohexane	7.95	56	2061	1.277	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	7748	4.682	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10767	5.525	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	815	1.507	ug/l #	1
52) Toluene	10.40	92	3645	1.230	ug/l	96
68) m/p-Xylenes	11.84	106	2120	1.055	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	31138	73.471	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31138	154.220	ug/l #	9

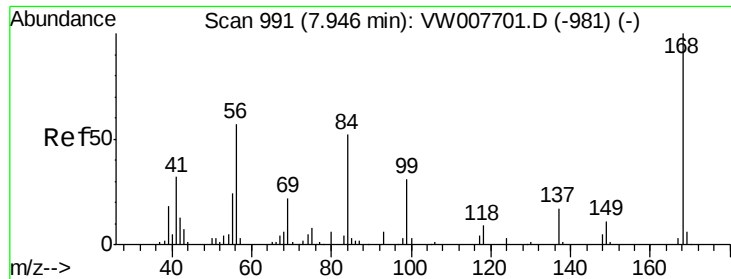
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007859.D

Acq: 22 Dec 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

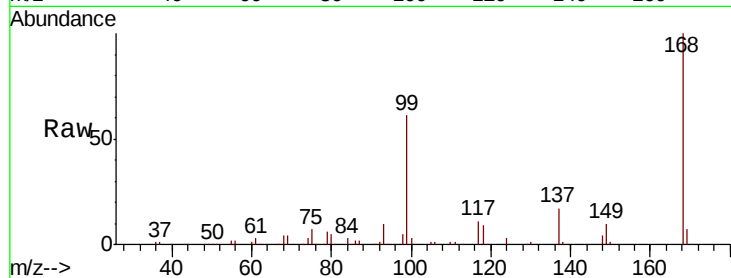
SB-57(0-5)-GRAB

Tgt Ion: 168 Resp: 98894

Ion Ratio Lower Upper

168 100

99 61.3 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

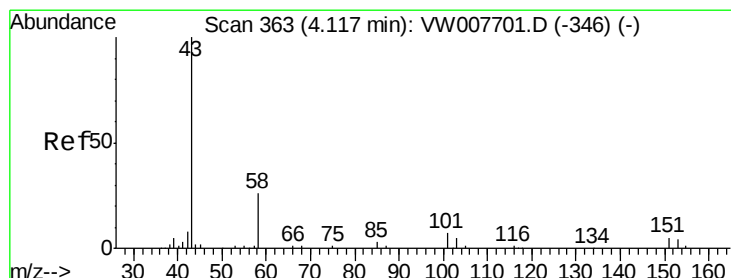
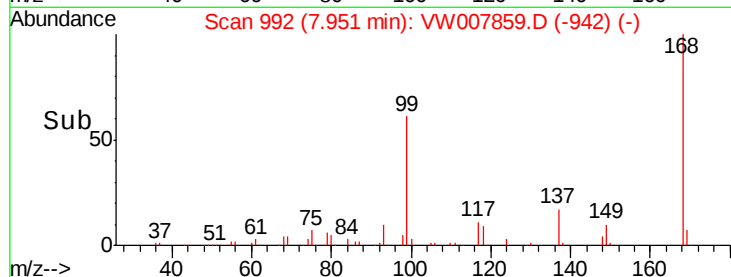
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 15.174 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007859.D

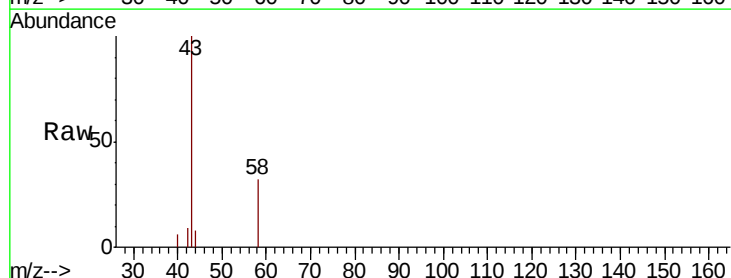
Acq: 22 Dec 2018 22:21

Tgt Ion: 43 Resp: 3080

Ion Ratio Lower Upper

43 100

58 32.3 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

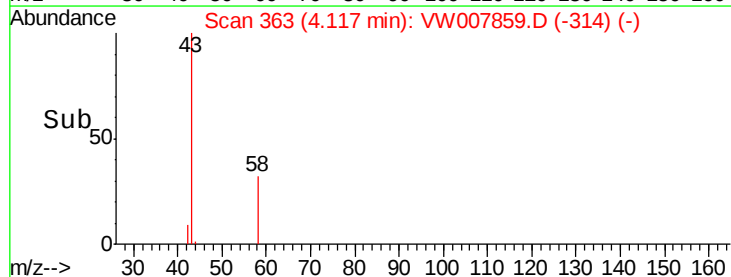
1000

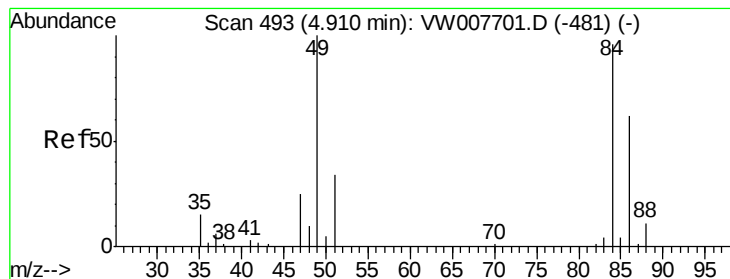
500

0

4.05 4.10 4.15 4.20

Time-->





#20

Methylene Chloride

Concen: 5.178 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW007859.D

Acq: 22 Dec 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

SB-57(0-5)-GRAB

Tgt Ion: 84 Resp: 10994

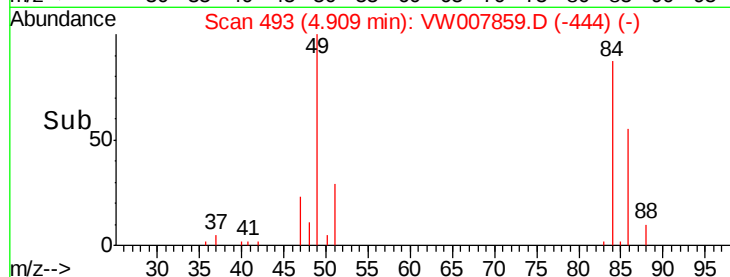
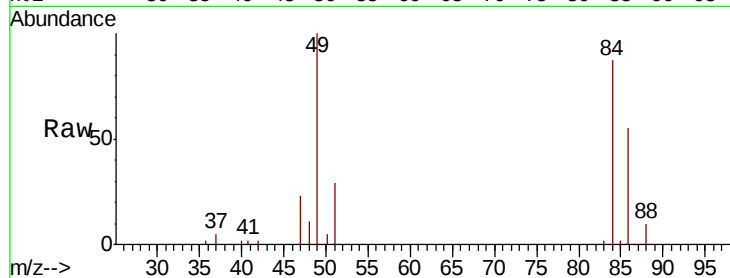
Ion Ratio Lower Upper

84 100

49 115.6 83.7 125.5

51 33.3 28.2 42.2

86 63.1 52.2 78.2

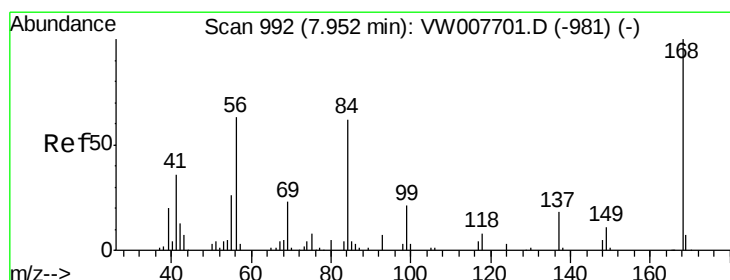
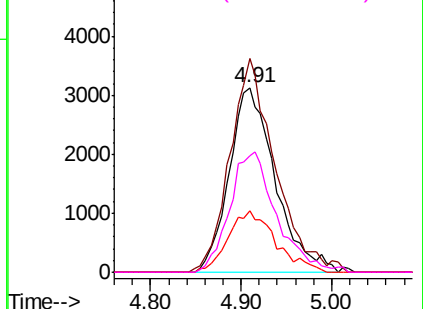


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.277 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007859.D

Acq: 22 Dec 2018 22:21

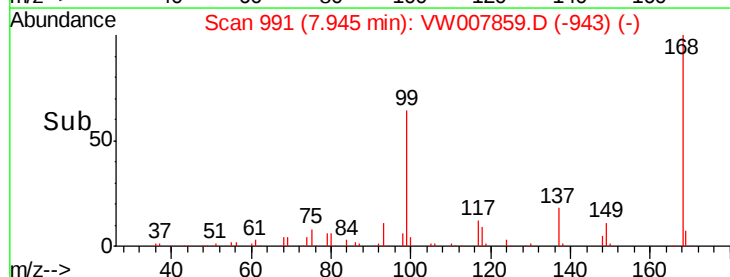
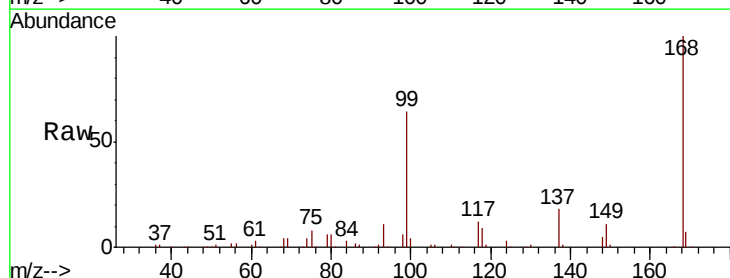
Tgt Ion: 56 Resp: 2061

Ion Ratio Lower Upper

56 100

69 173.3 29.7 44.5#

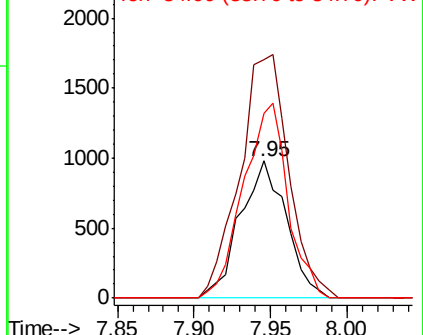
84 135.0 78.9 118.3#

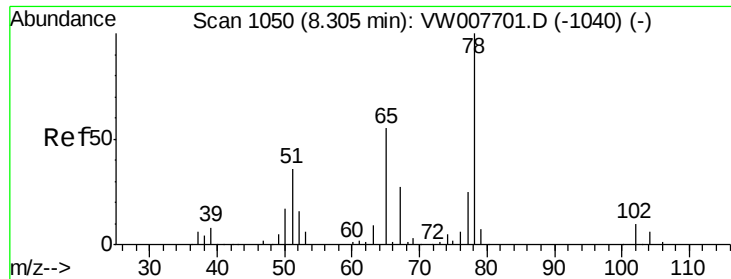


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

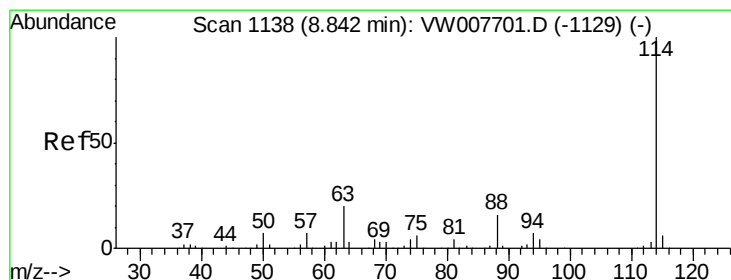
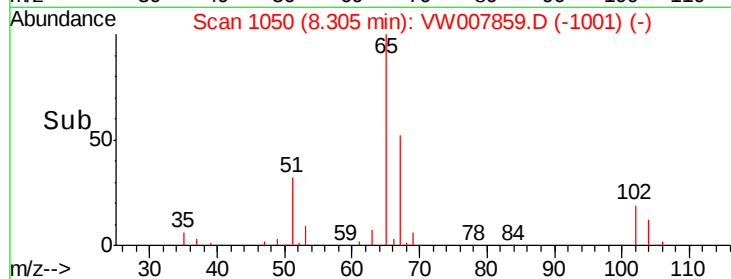
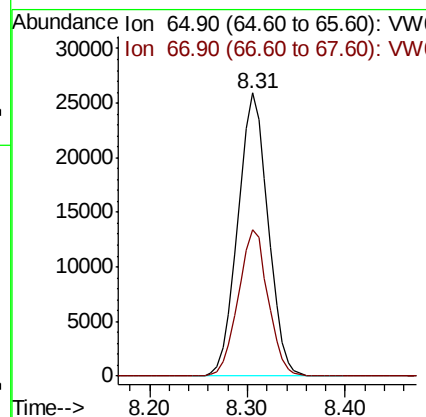
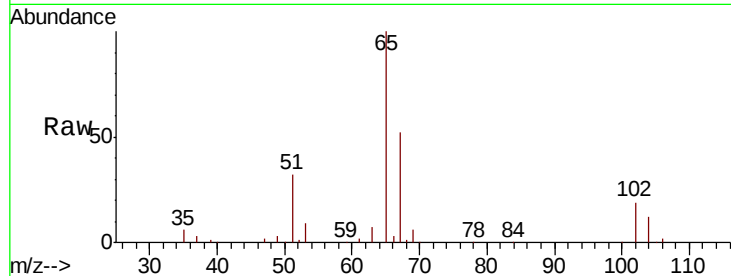




#33
 1,2-Dichloroethane-d4
 Concen: 51.292 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007859.D
 Acq: 22 Dec 2018 22:21

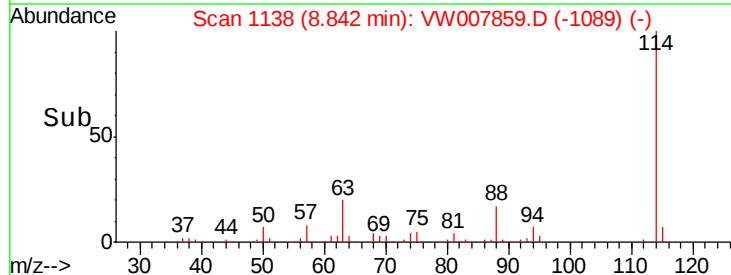
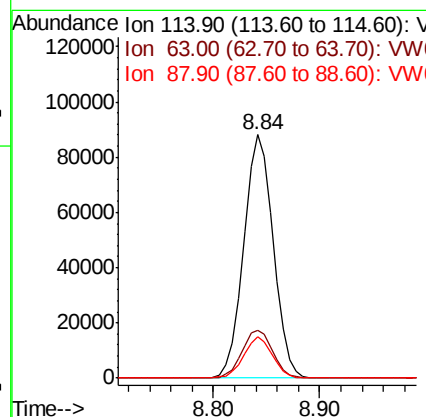
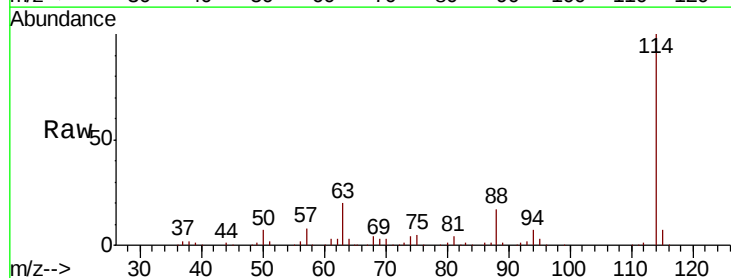
Instrument :
 MSVOA_W
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 SB-57(0-5)-GRAB

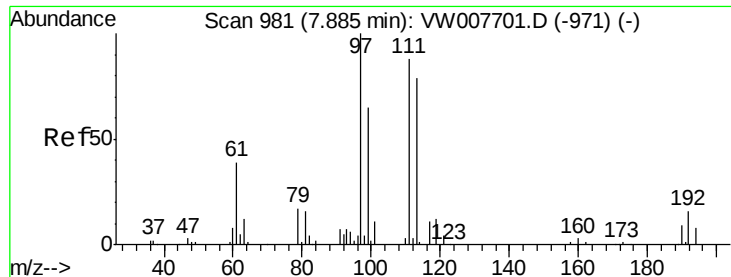
Tgt Ion: 65 Resp: 55597
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007859.D
 Acq: 22 Dec 2018 22:21

Tgt Ion: 114 Resp: 171446
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 16.7 0.0 32.6

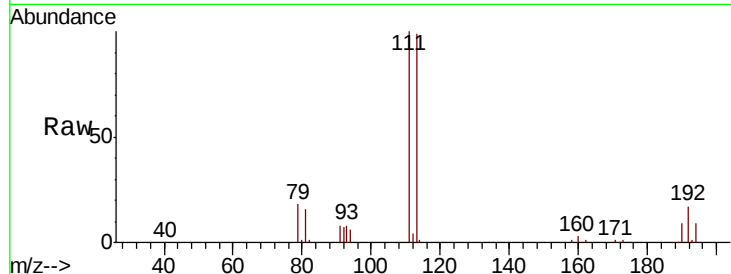




#35
 Dibromofluoromethane
 Concen: 47.144 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007859.D
 Acq: 22 Dec 2018 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-57(0-5)-GRAB

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	124.0
192	18.0	15.5	23.3

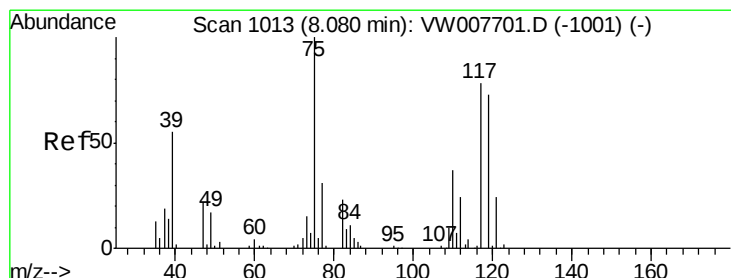
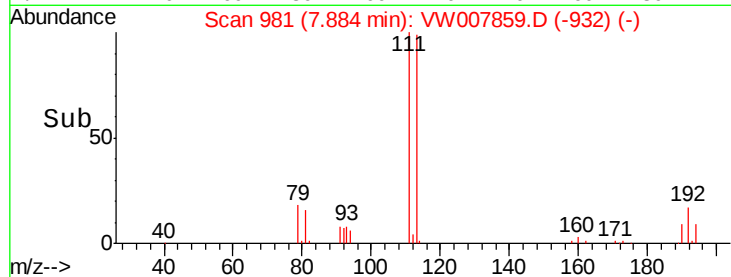
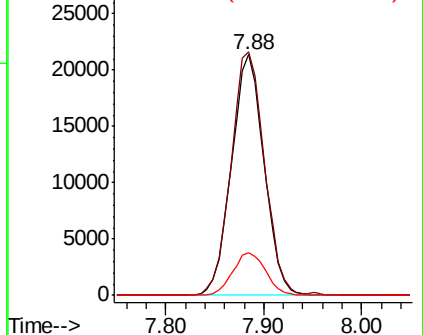


Abundance

Ion 112.80 (112.50 to 113.50): V

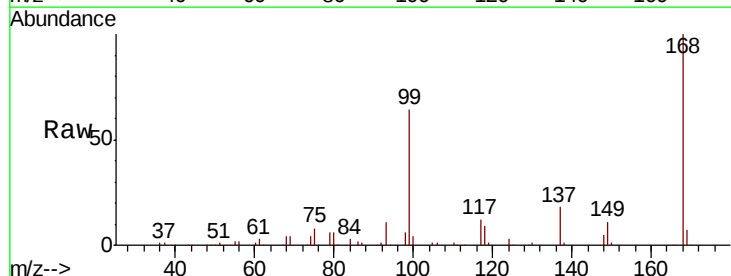
Ion 110.80 (110.50 to 111.50): V

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: VW007859.D
 Acq: 22 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.6	55.8#
77	0.0	25.0	37.4#

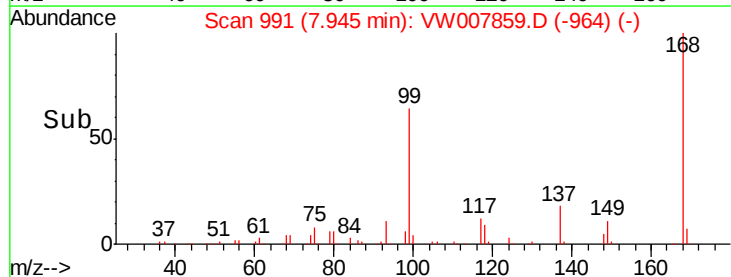
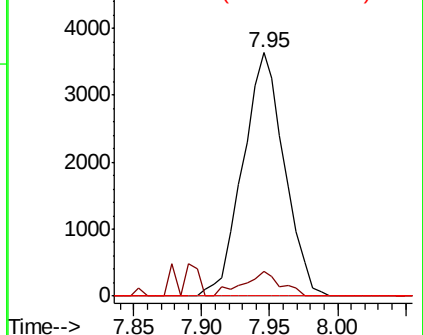


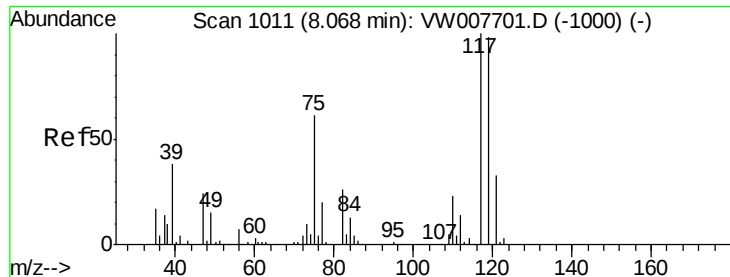
Abundance

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

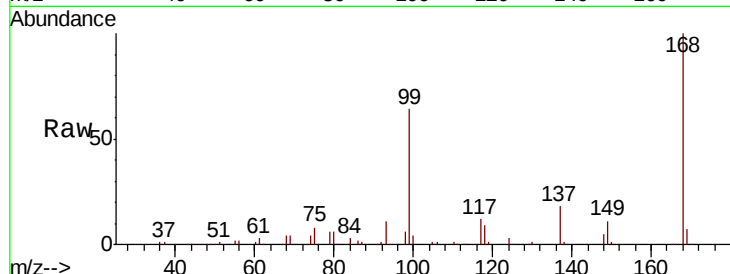




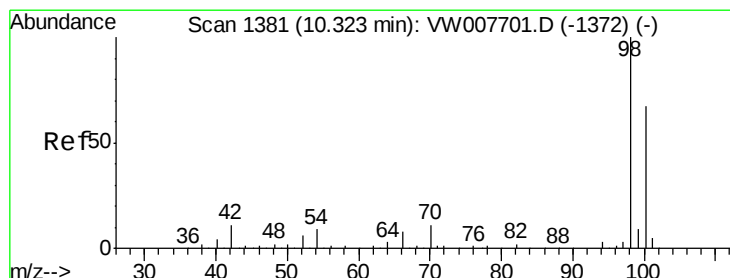
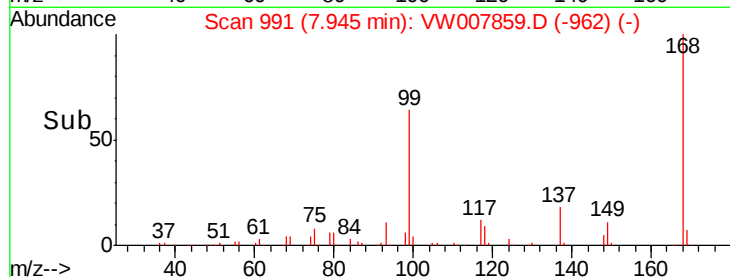
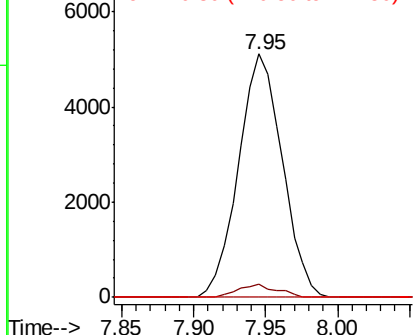
#38
Carbon Tetrachloride
Concen: 5.525 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007859.D
Acq: 22 Dec 2018 22:21

Instrument :
MSVOA_W
ClientSampleId :
SB-57(0-5)-GRAB

Tgt Ion:117 Resp: 10767
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 26.1 39.1#

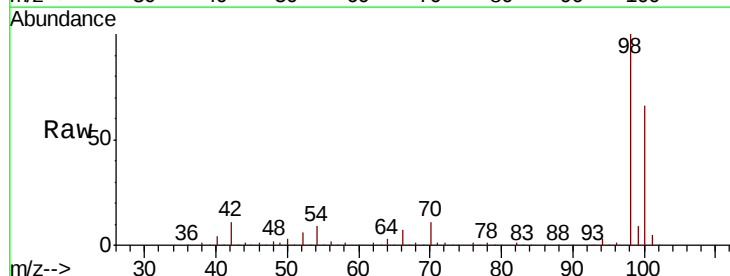


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

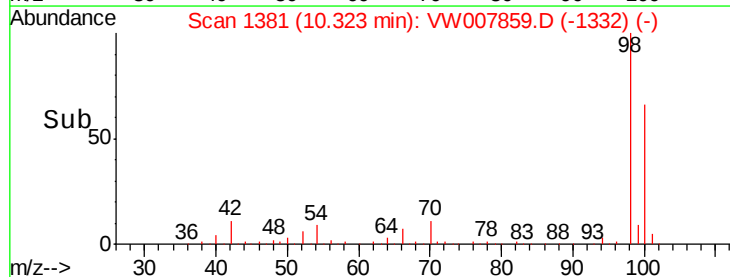
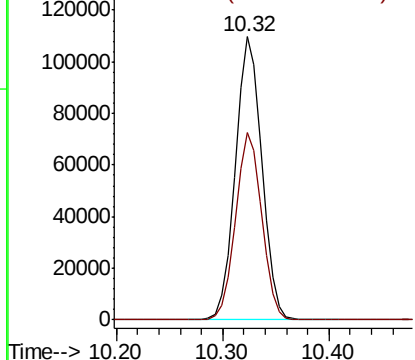


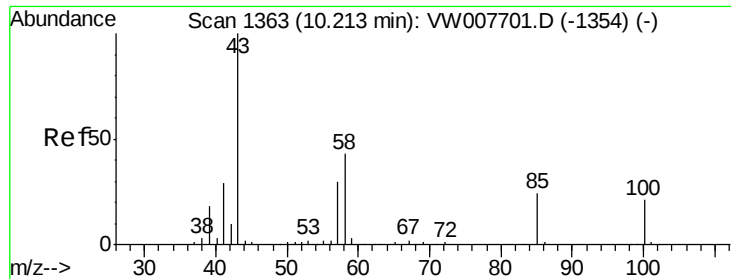
#50
Toluene-d8
Concen: 48.565 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007859.D
Acq: 22 Dec 2018 22:21

Tgt Ion: 98 Resp: 191488
Ion Ratio Lower Upper
98 100
100 65.4 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: 1.507 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007859.D

Acq: 22 Dec 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

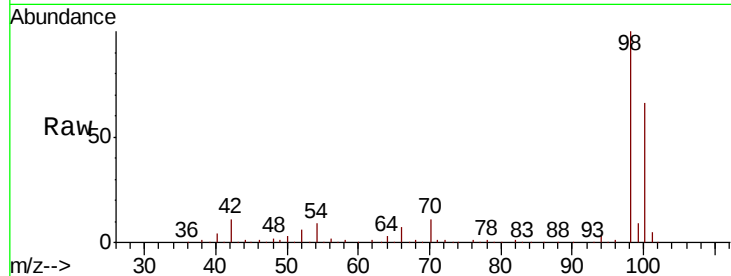
SB-57(0-5)-GRAB

Tgt Ion: 43 Resp: 815

Ion Ratio Lower Upper

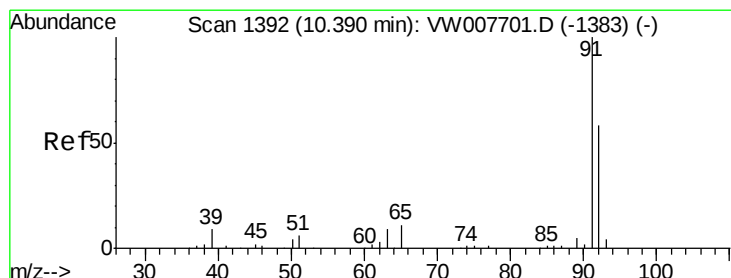
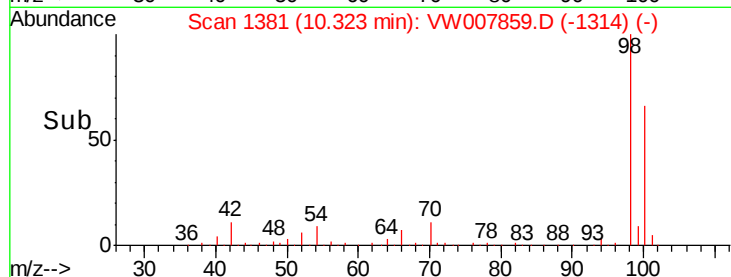
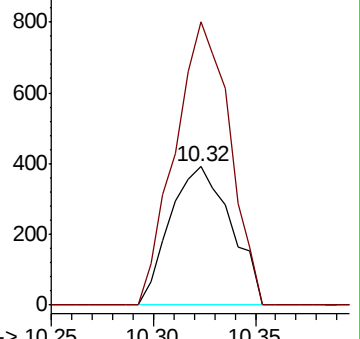
43 100

58 183.8 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 1.230 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW007859.D

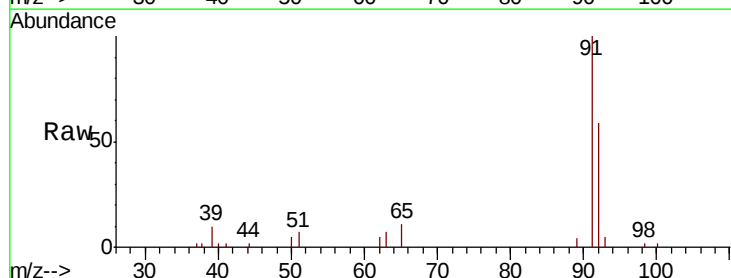
Acq: 22 Dec 2018 22:21

Tgt Ion: 92 Resp: 3645

Ion Ratio Lower Upper

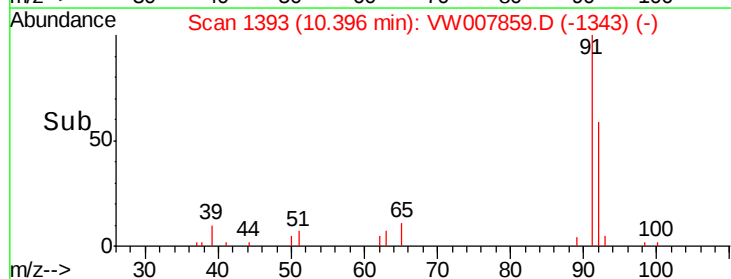
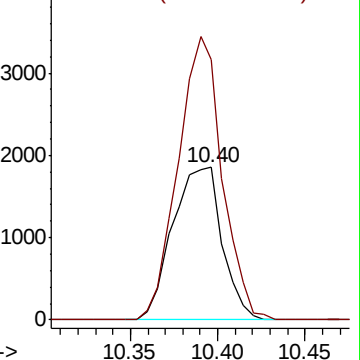
92 100

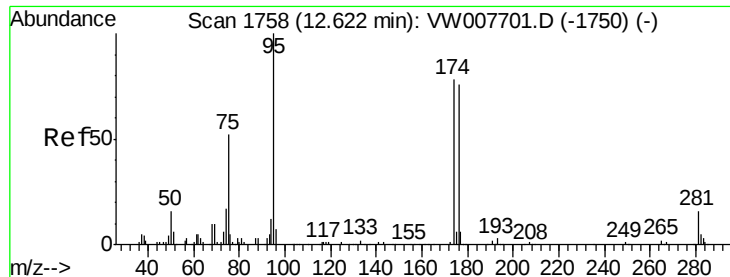
91 166.0 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

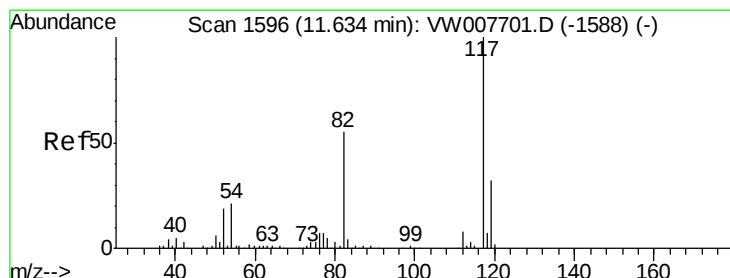
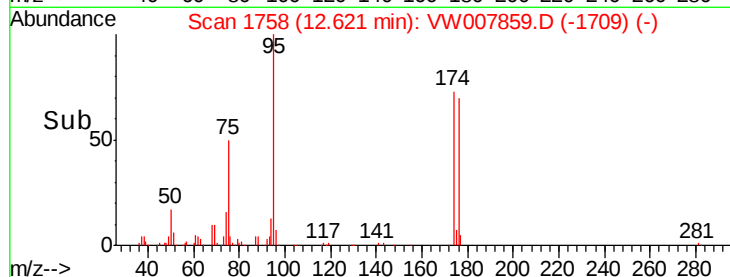
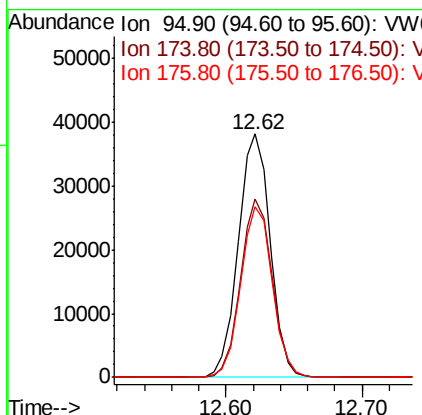
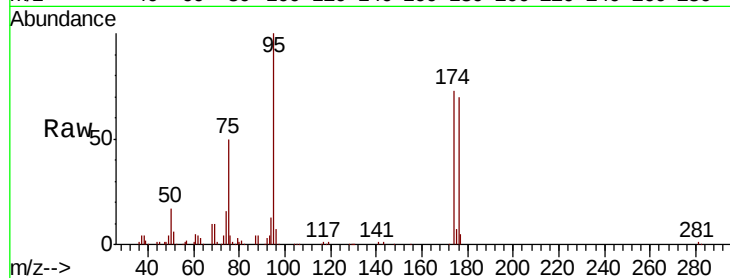




#62
4-Bromofluorobenzene
Concen: 40.979 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007859.D
Acq: 22 Dec 2018 22:21

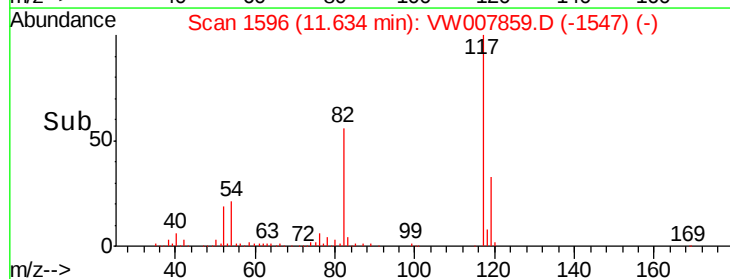
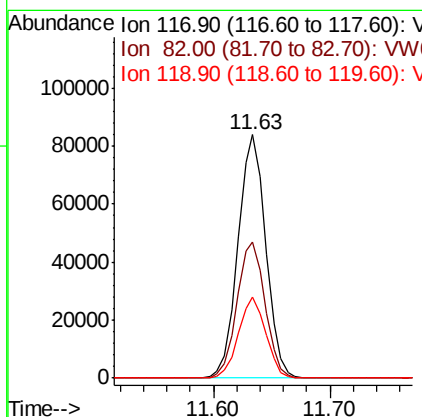
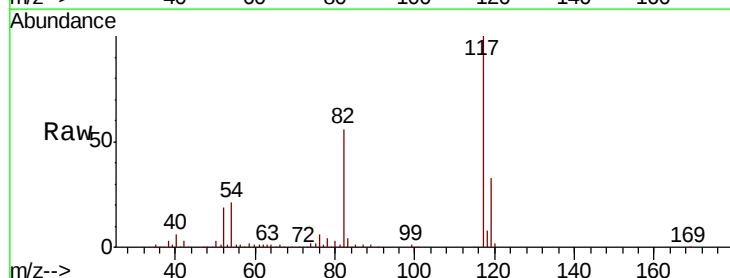
Instrument :
MSVOA_W
ClientSampleId :
SB-57(0-5)-GRAB

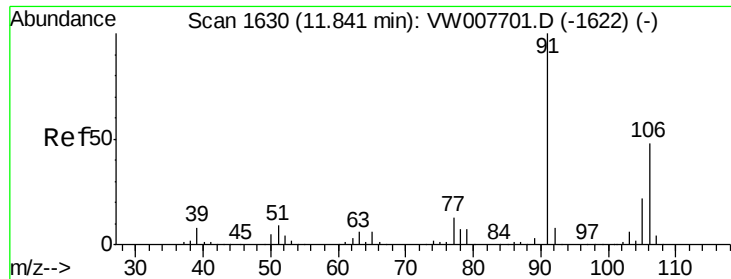
Tgt Ion: 95 Resp: 62420
Ion Ratio Lower Upper
95 100
174 72.2 0.0 152.2
176 69.4 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007859.D
Acq: 22 Dec 2018 22:21

Tgt Ion: 117 Resp: 139518
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 33.3 25.7 38.5

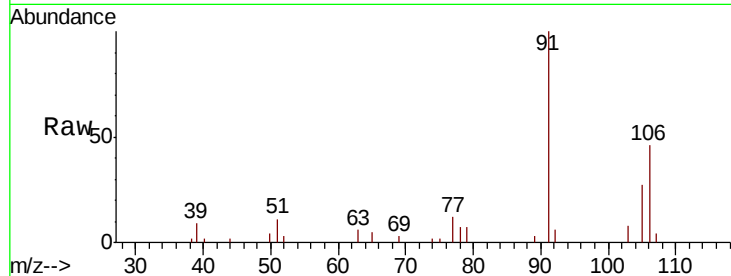




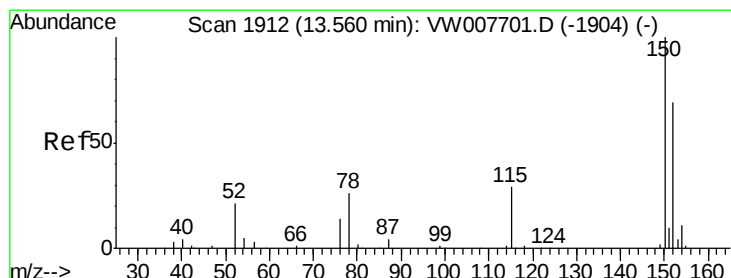
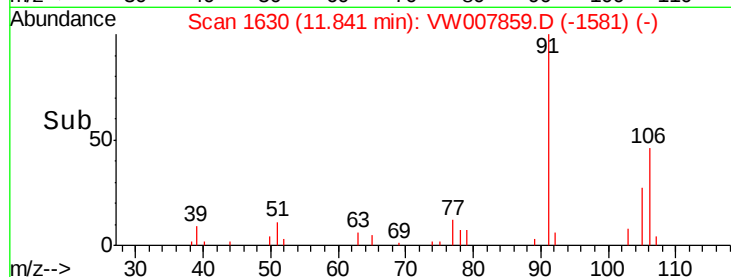
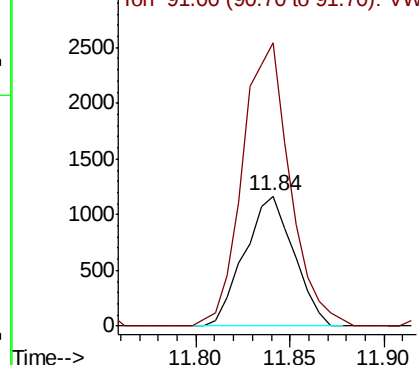
#68
m/p-Xylenes
Concen: 1.055 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007859.D
Acq: 22 Dec 2018 22:21

Instrument :
MSVOA_W
ClientSampleId :
SB-57(0-5)-GRAB

Tgt Ion:106 Resp: 2120
Ion Ratio Lower Upper
106 100
91 210.5 165.2 247.8

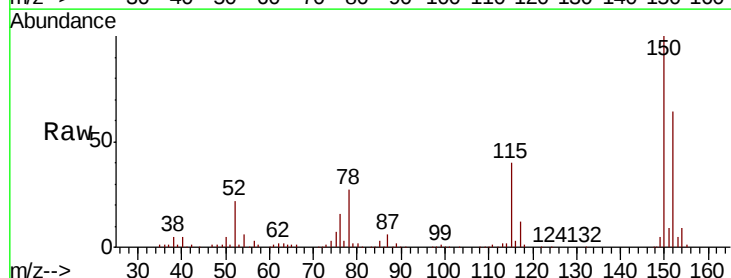


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

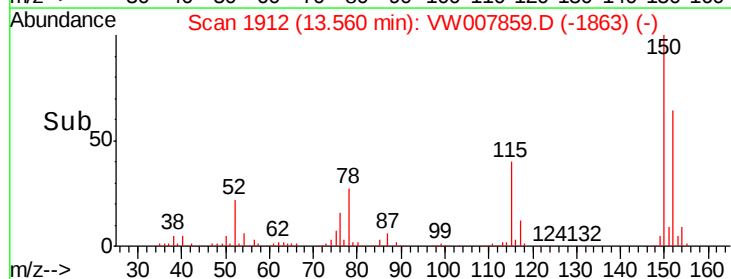
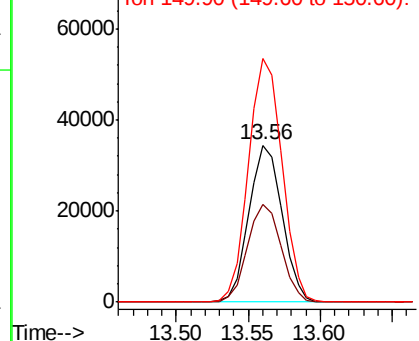


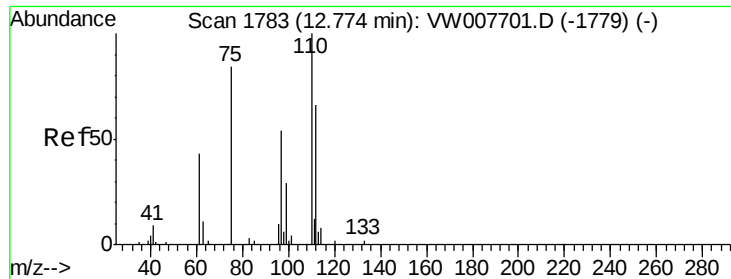
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007859.D
Acq: 22 Dec 2018 22:21

Tgt Ion:152 Resp: 54834
Ion Ratio Lower Upper
152 100
115 62.7 31.8 95.4
150 157.3 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

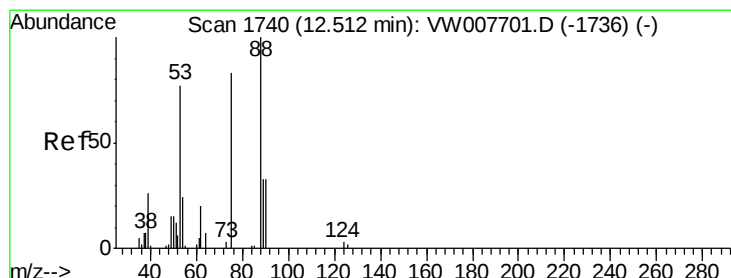
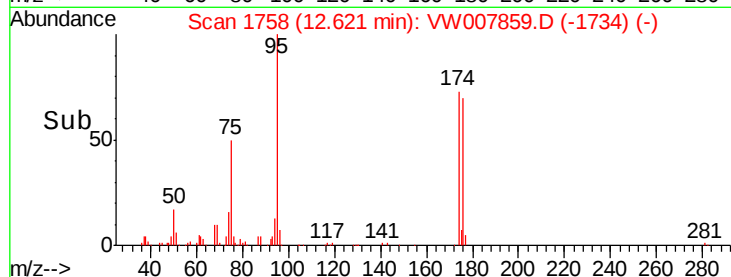
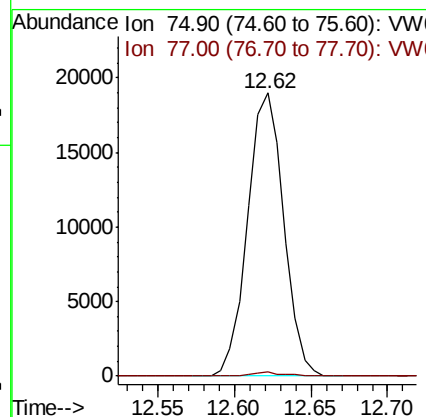
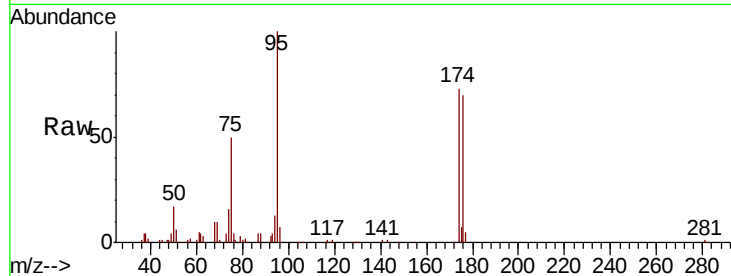




#76
 1,2,3-Trichloropropane
 Concen: 73.471 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007859.D
 Acq: 22 Dec 2018 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-57(0-5)-GRAB

Tgt Ion: 75 Resp: 31138
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 154.220 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW007859.D
 Acq: 22 Dec 2018 22:21

Tgt Ion: 75 Resp: 31138
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.2 120.2#
 89 0.0 39.2 58.8#

