

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011356.D
 Acq On : 19 Jul 2019 02:31
 Operator : SY/VA
 Sample : K3835-05
 Misc : 4.96G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3(0-2)

Quant Time: Jul 19 06:49:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	130063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	205663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	127013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	26264	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	98704	60.40	ug/l	0.00
Spiked Amount			Recovery	=	120.80%	
35) Dibromofluoromethane	7.88	113	74249	60.57	ug/l	0.00
Spiked Amount			Recovery	=	121.14%	
50) Toluene-d8	10.32	98	213873	43.16	ug/l	0.00
Spiked Amount			Recovery	=	86.32%	
62) 4-Bromofluorobenzene	12.62	95	37624	20.72	ug/l	0.00
Spiked Amount			Recovery	=	41.44%	

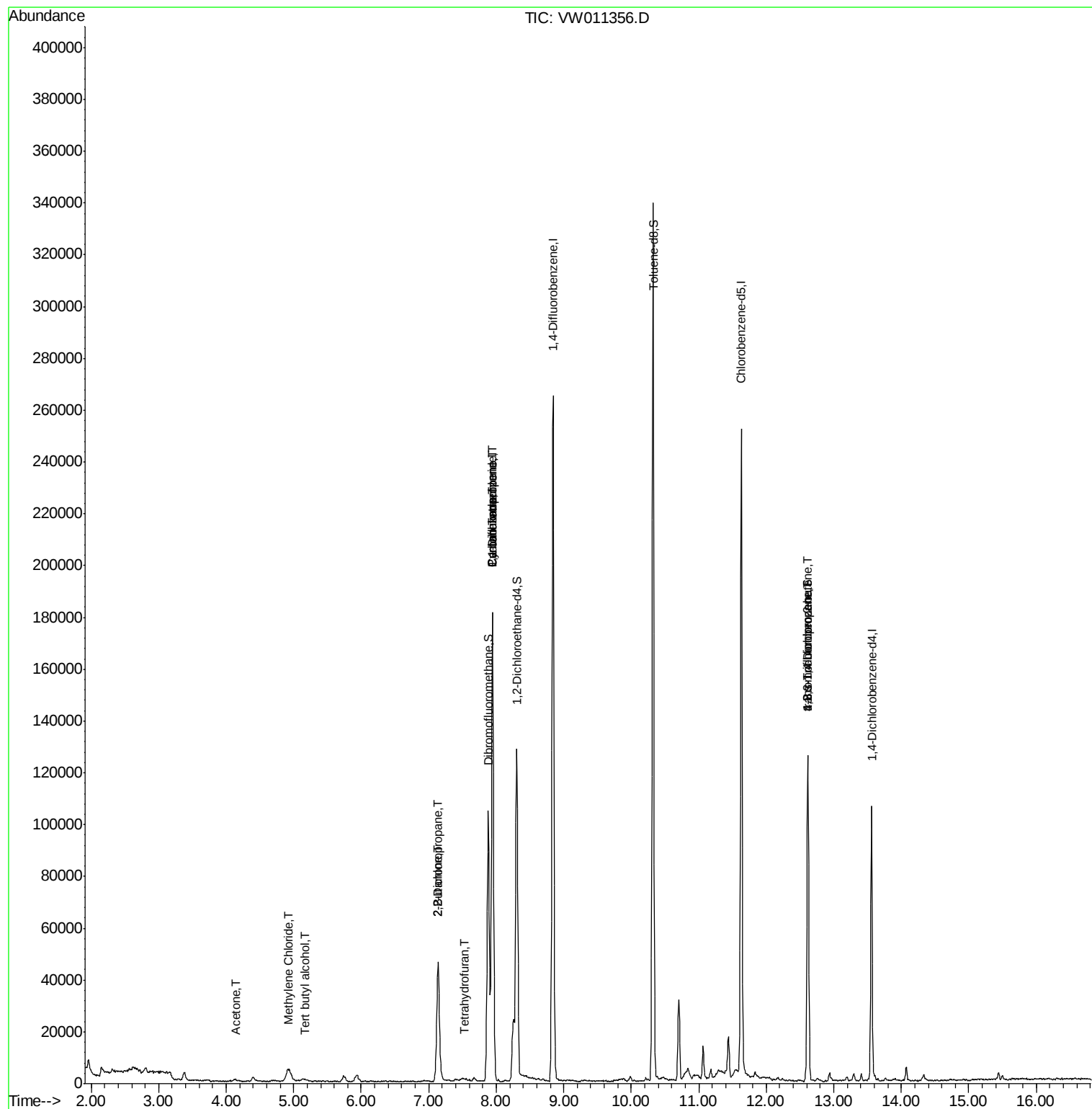
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	833	6.884	ug/l #	70
16) Acetone	4.14	43	1892	4.811	ug/l	97
18) Methyl Acetate	4.67	43	504	Below Cal	#	68
20) Methylene Chloride	4.92	84	3218	2.074	ug/l	84
25) 2-Butanone	7.14	43	3346	5.421	ug/l #	77
26) 2,2-Dichloropropane	7.13	77	3284	2.123	ug/l #	53
29) Tetrahydrofuran	7.53	42	549	1.356	ug/l #	58
31) Cyclohexane	7.95	56	3478	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	11186	5.107	ug/l #	51
38) Carbon Tetrachloride	7.95	117	13465	7.252	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	20016	65.947	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	20016	149.161	ug/l #	6

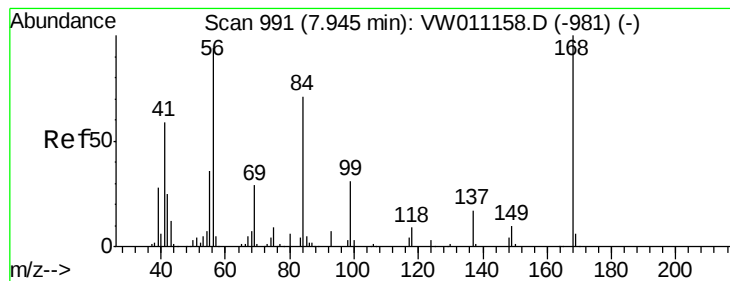
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011356.D

Acq: 19 Jul 2019 02:31

Instrument :

MSVOA_W

ClientSampleId :

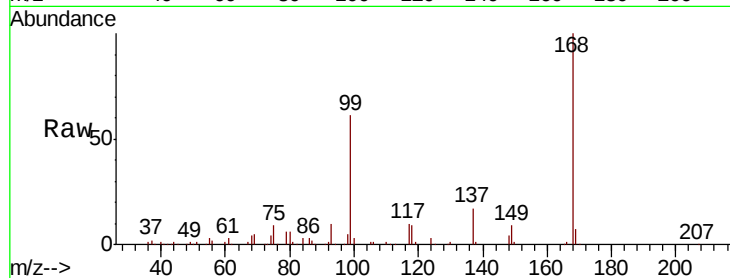
SB-3(0-2)

Tot Ion:168 Resp: 130063

Ion Ratio Lower Upper

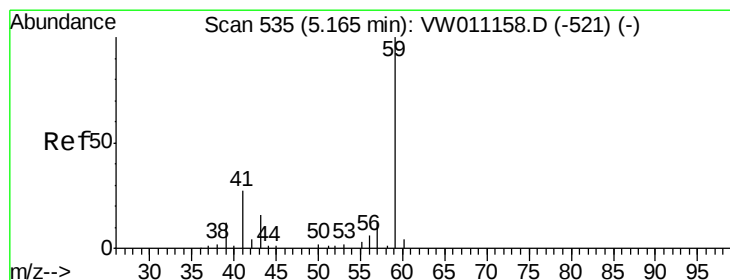
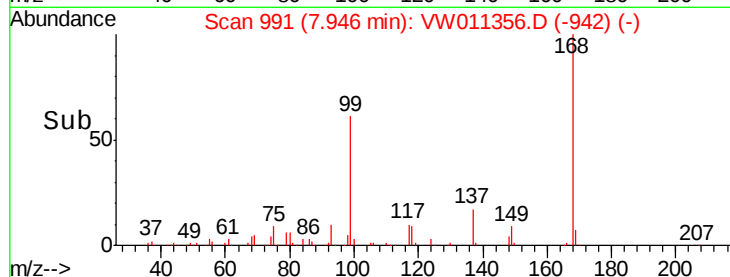
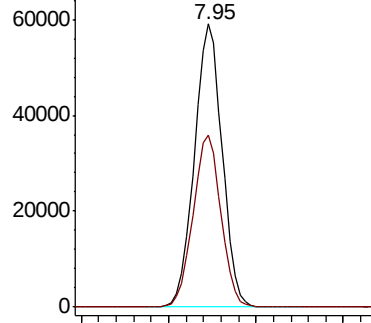
168 100

99 60.9 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 6.884 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW011356.D

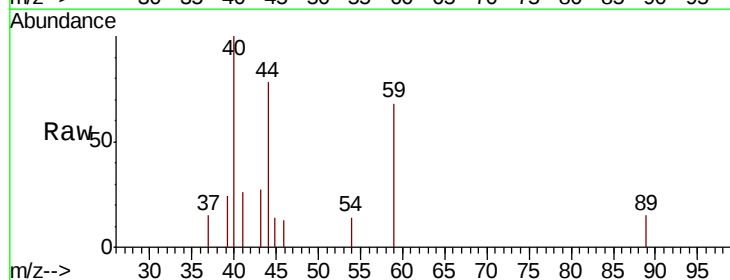
Acq: 19 Jul 2019 02:31

Tgt Ion: 59 Resp: 833

Ion Ratio Lower Upper

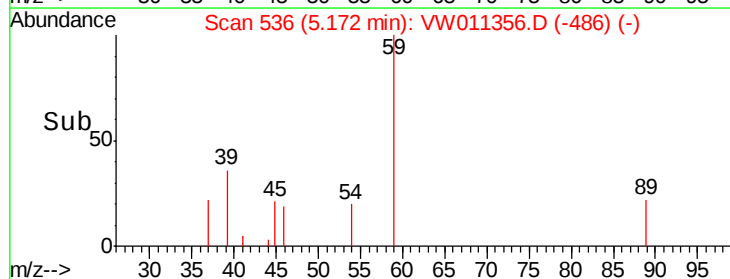
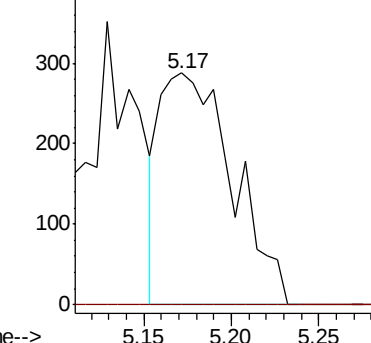
59 100

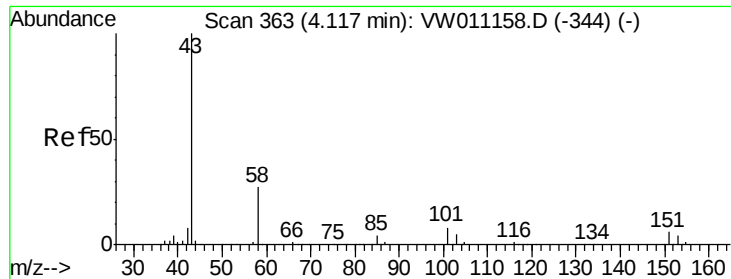
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 4.811 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011356.D

Acq: 19 Jul 2019 02:31

Instrument :

MSVOA_W

ClientSampleId :

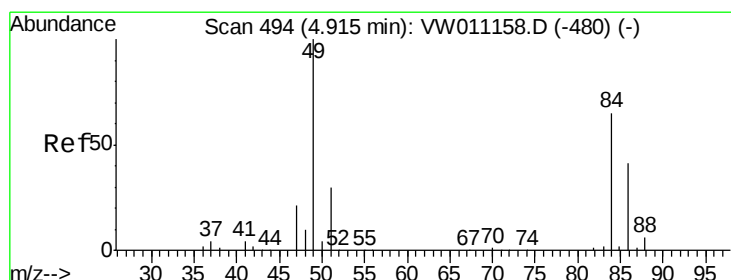
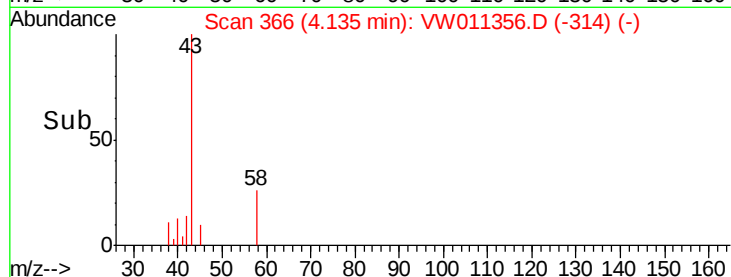
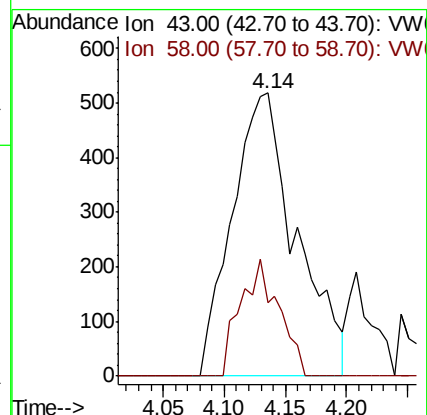
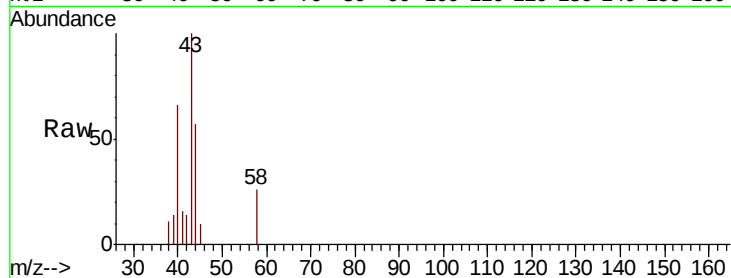
SB-3(0-2)

Tot Ion: 43 Resp: 1892

Ion Ratio Lower Upper

43 100

58 25.9 21.8 32.6



#20

Methylene Chloride

Concen: 2.074 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW011356.D

Acq: 19 Jul 2019 02:31

Tgt Ion: 84 Resp: 3218

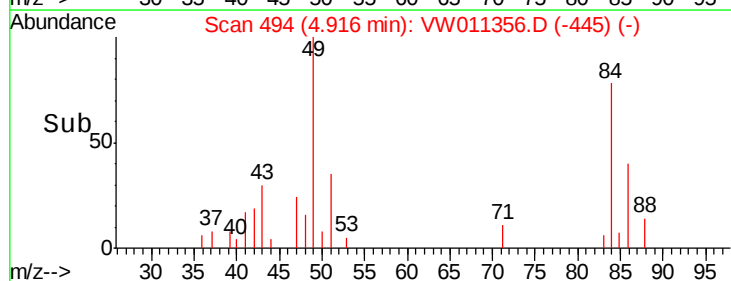
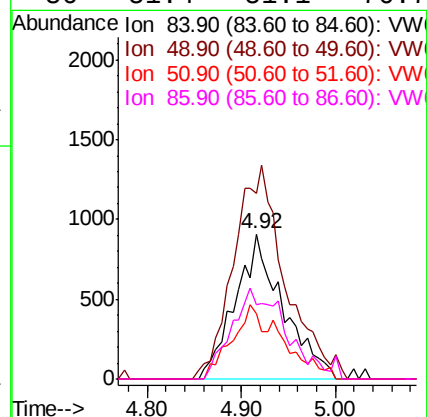
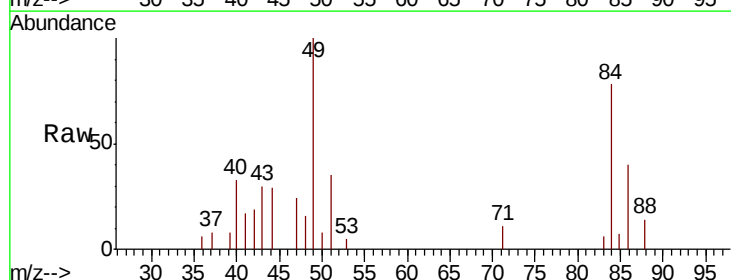
Ion Ratio Lower Upper

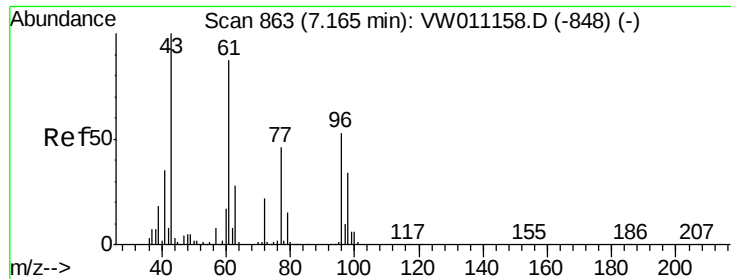
84 100

49 128.3 123.8 185.6

51 45.3 37.4 56.2

86 51.4 51.1 76.7

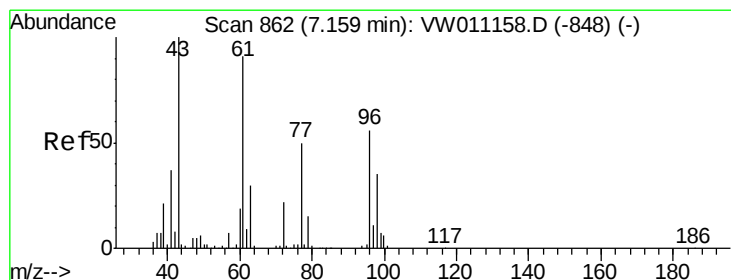
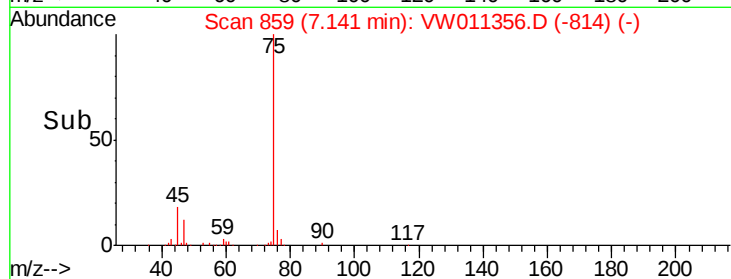
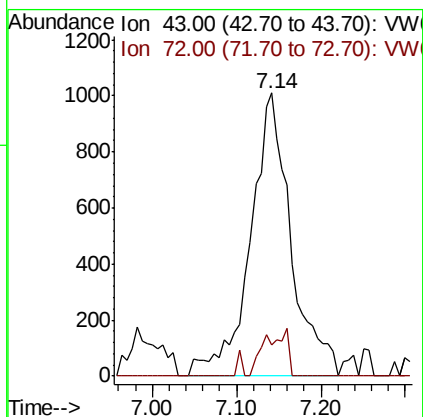
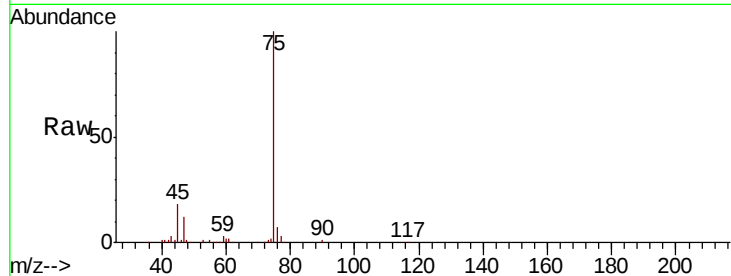




#25
2-Butanone
Concen: 5.421 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW011356.D
Acq: 19 Jul 2019 02:31

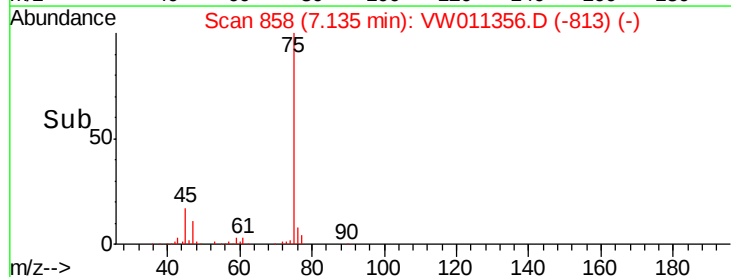
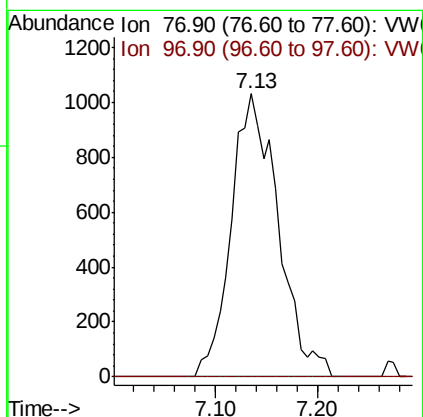
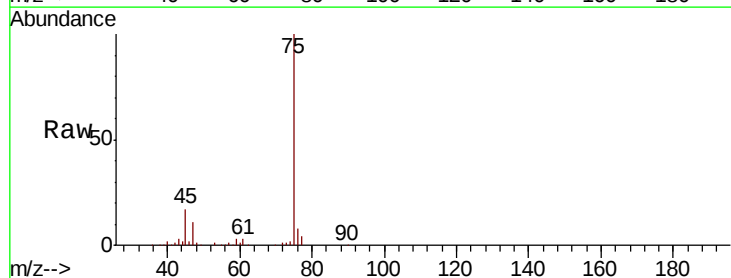
Instrument :
MSVOA_W
ClientSampleId :
SB-3(0-2)

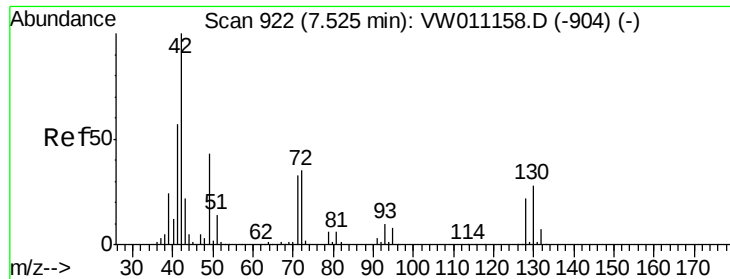
Tot Ion: 43 Resp: 3346
Ion Ratio Lower Upper
43 100
72 11.1 17.6 26.4#



#26
2,2-Dichloropropane
Concen: 2.123 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.02 min
Lab File: VW011356.D
Acq: 19 Jul 2019 02:31

Tgt Ion: 77 Resp: 3284
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.5#

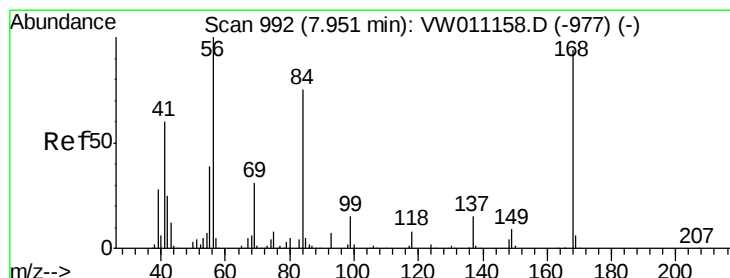
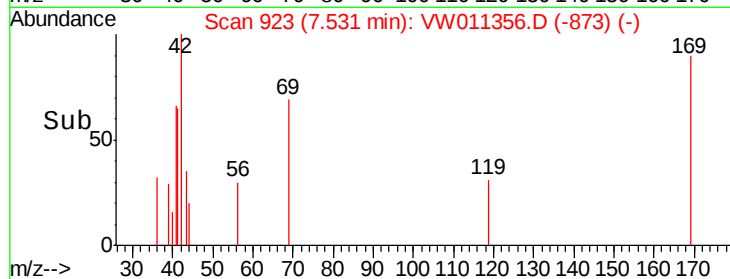
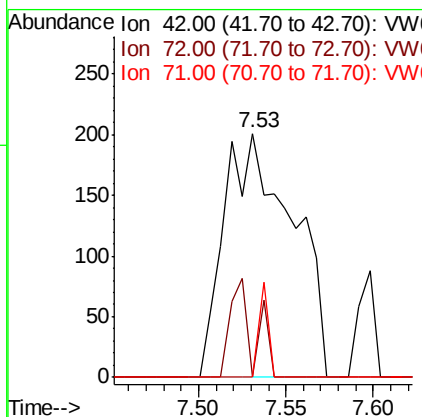
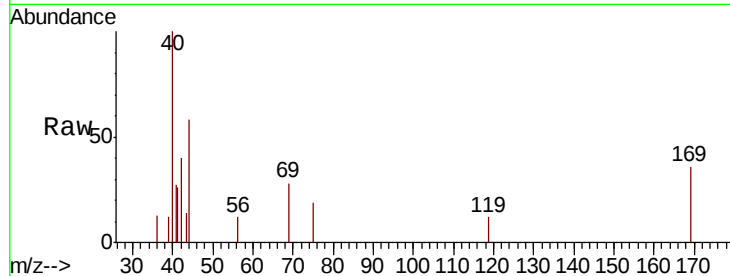




#29
Tetrahydrofuran
Concen: 1.356 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW011356.D
Acq: 19 Jul 2019 02:31

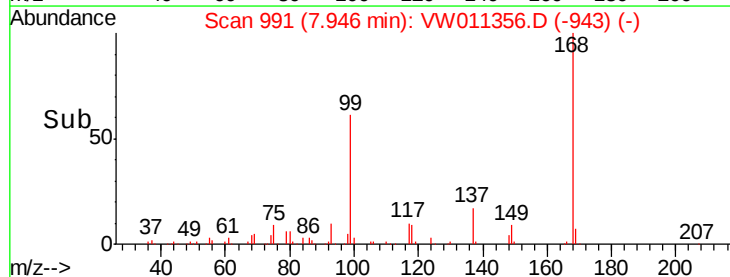
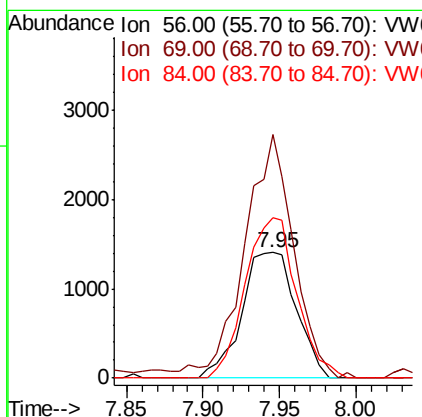
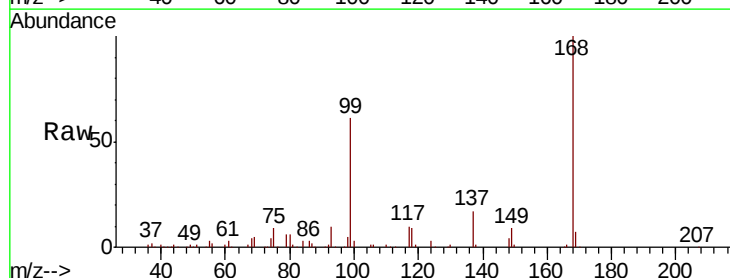
Instrument :
MSVOA_W
ClientSampleId :
SB-3(0-2)

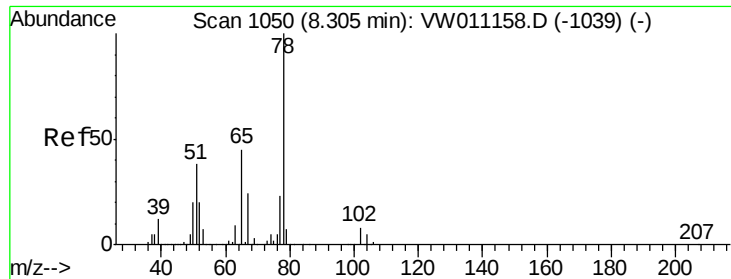
Tot Ion: 42 Resp: 549
Ion Ratio Lower Upper
42 100
72 13.8 27.4 41.2#
71 5.3 25.9 38.9#



#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011356.D
Acq: 19 Jul 2019 02:31

Tgt Ion: 56 Resp: 3478
Ion Ratio Lower Upper
56 100
69 194.1 24.6 36.8#
84 127.5 60.1 90.1#





#33

1,2-Dichloroethane-d4

Concen: 60.396 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011356.D

Acq: 19 Jul 2019 02:31

Instrument :

MSVOA_W

ClientSampleId :

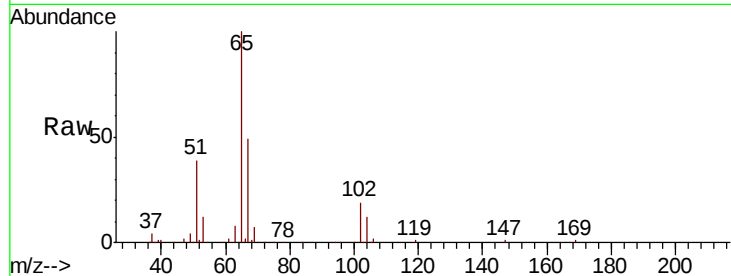
SB-3(0-2)

Tot Ion: 65 Resp: 98704

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

40000

30000

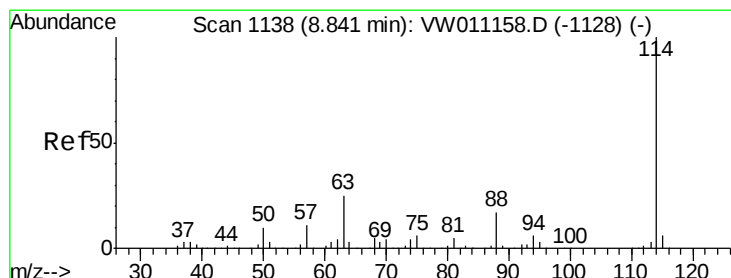
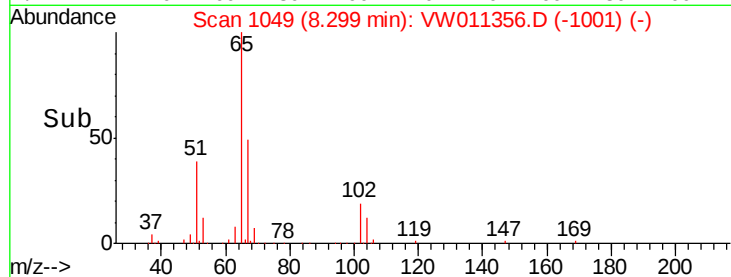
20000

10000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011356.D

Acq: 19 Jul 2019 02:31

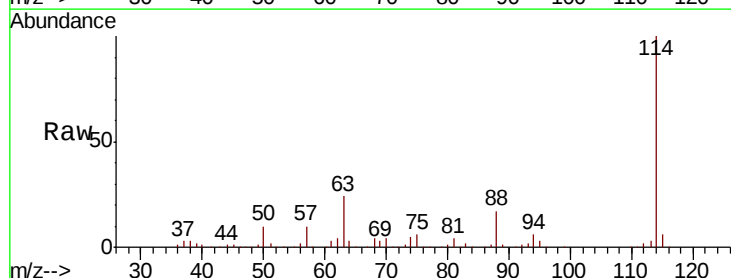
Tgt Ion: 114 Resp: 205663

Ion Ratio Lower Upper

114 100

63 24.5 0.0 50.8

88 16.9 0.0 34.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

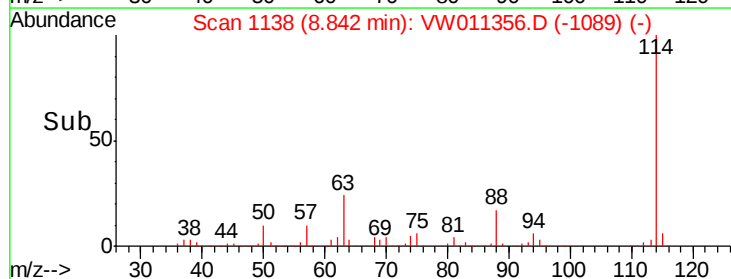
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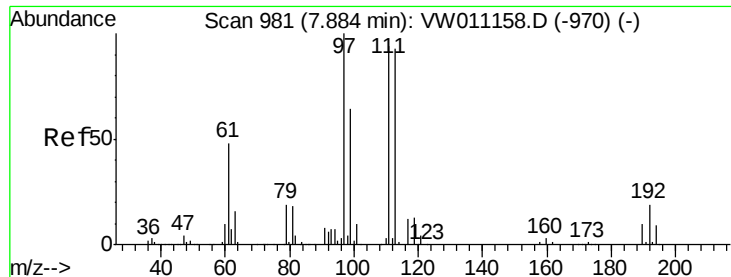
50000

0

8.70 8.80 8.90 9.00

Time-->

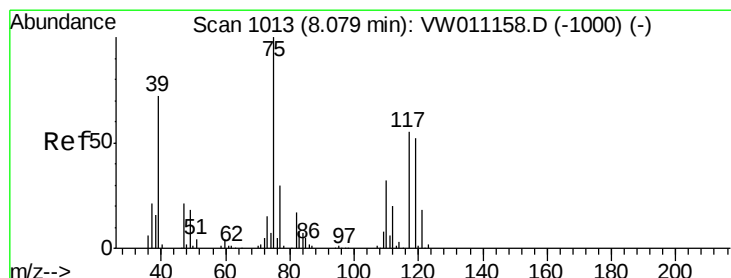
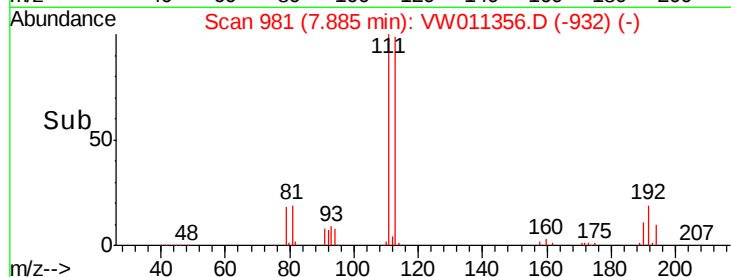
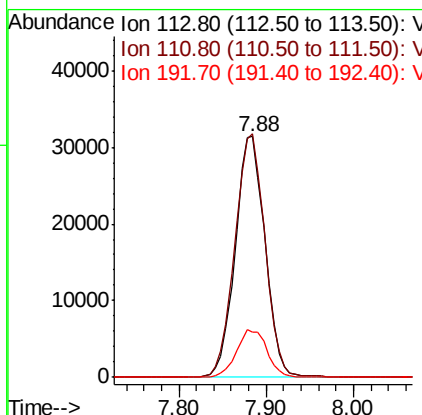
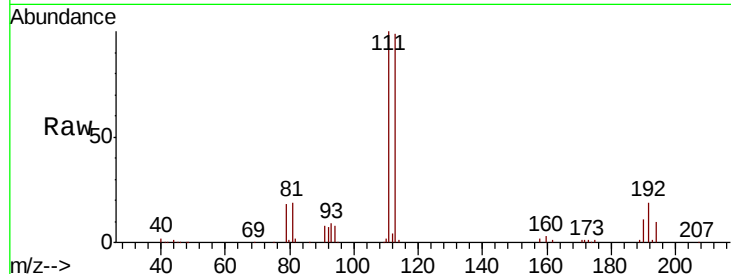




#35
 Dibromofluoromethane
 Concen: 60.570 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011356.D
 Acq: 19 Jul 2019 02:31

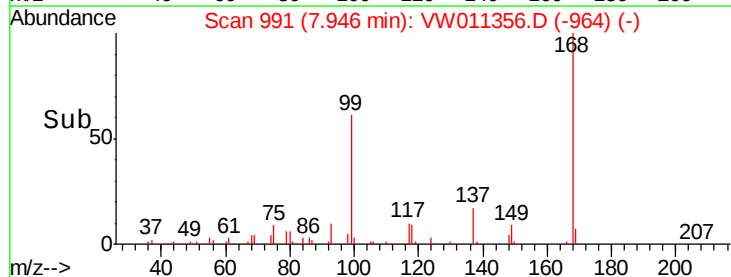
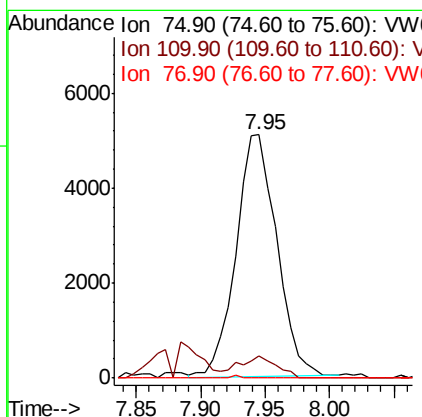
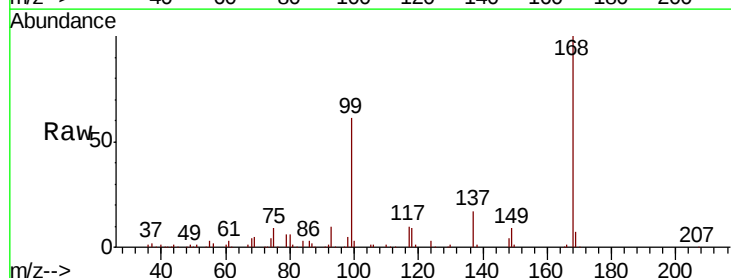
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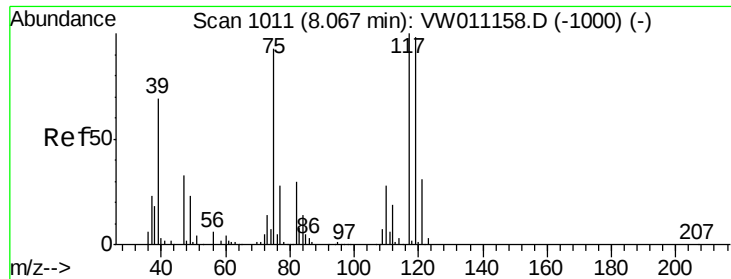
Tot Ion:113 Resp: 74249
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 20.2 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 5.107 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011356.D
 Acq: 19 Jul 2019 02:31

Tgt Ion: 75 Resp: 11186
 Ion Ratio Lower Upper
 75 100
 110 8.3 15.9 47.6#
 77 0.2 24.6 36.8#

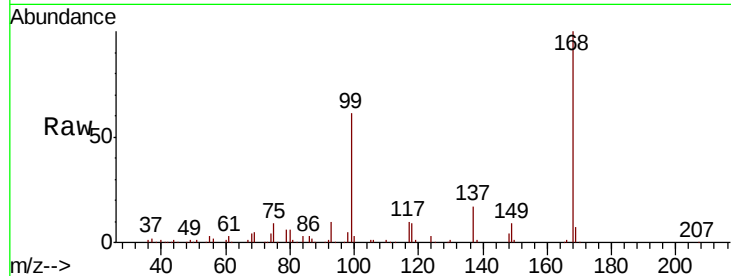




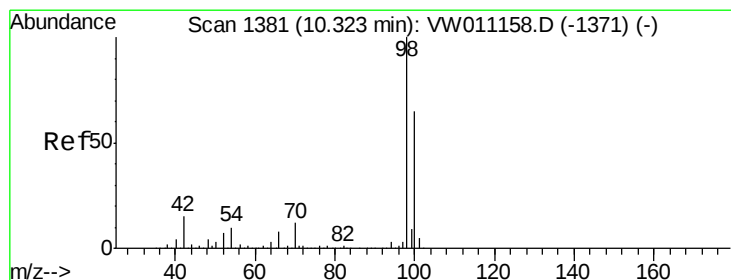
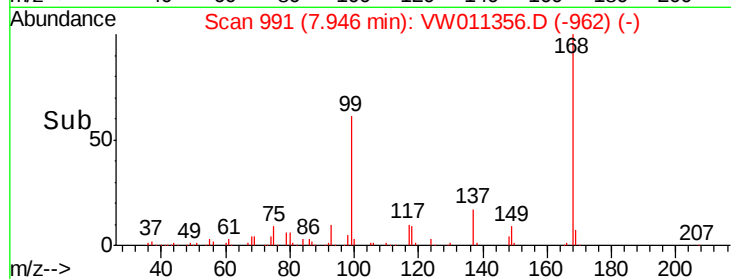
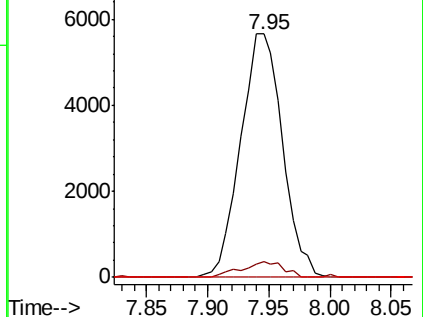
#38
Carbon Tetrachloride
Concen: 7.252 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011356.D
Acq: 19 Jul 2019 02:31

Instrument :
MSVOA_W
ClientSampleId :
SB-3(0-2)

Tot Ion:117 Resp: 13465
Ion Ratio Lower Upper
117 100
119 6.4 78.1 117.1#
121 0.0 25.1 37.7#

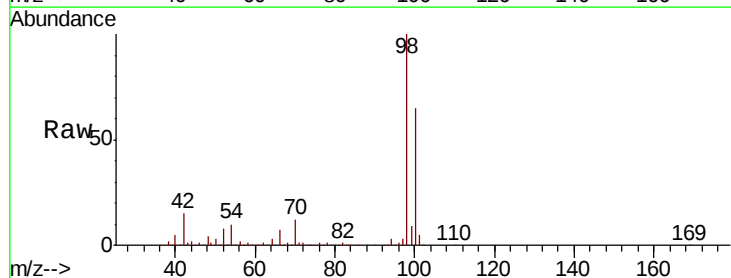


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

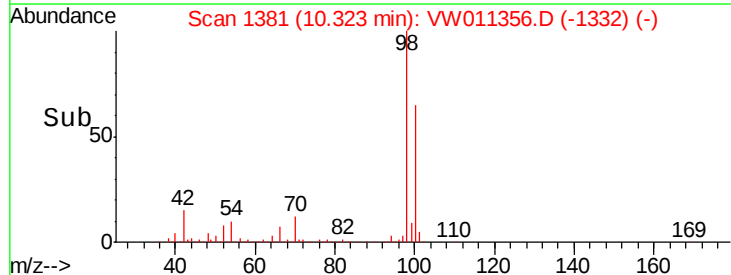
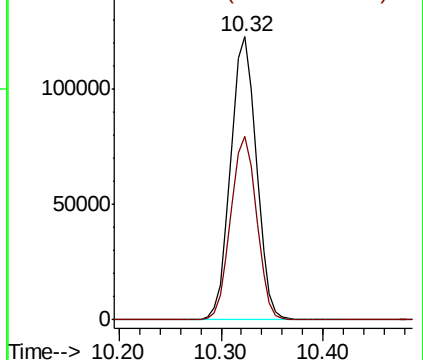


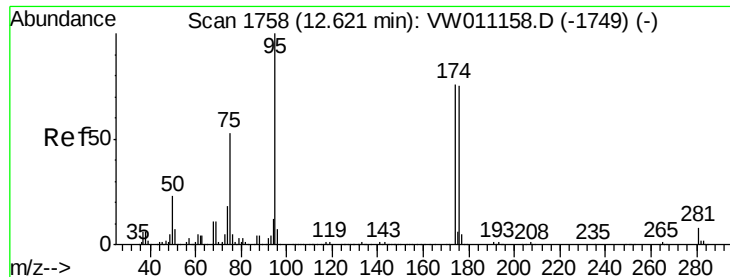
#50
Toluene-d8
Concen: 43.163 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011356.D
Acq: 19 Jul 2019 02:31

Tgt Ion: 98 Resp: 213873
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



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

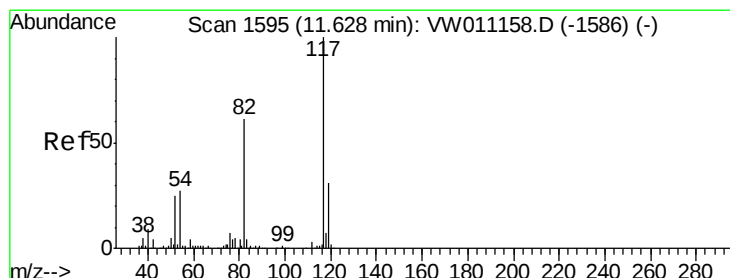
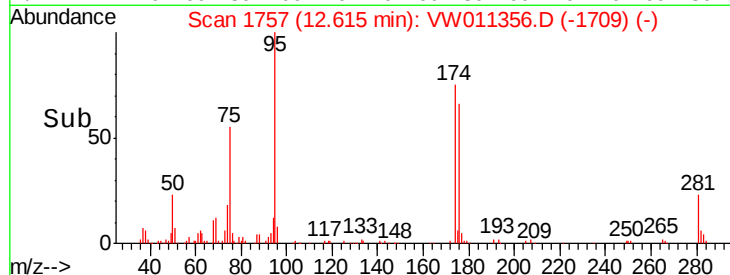
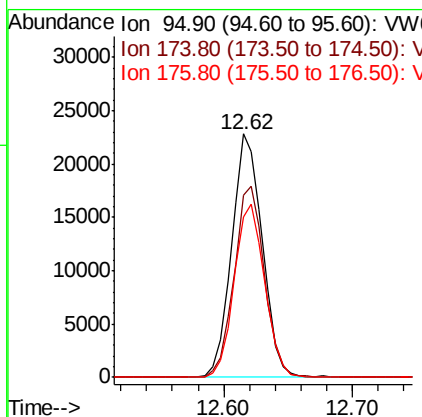
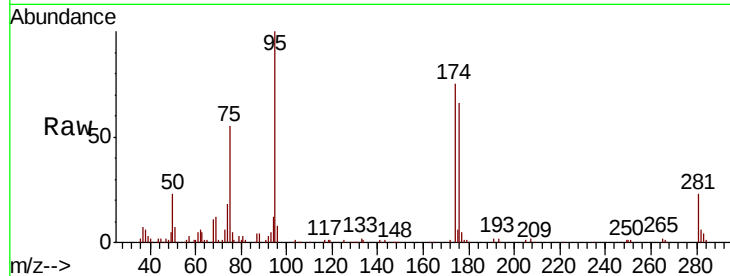




#62
4-Bromofluorobenzene
Concen: 20.716 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011356.D
Acq: 19 Jul 2019 02:31

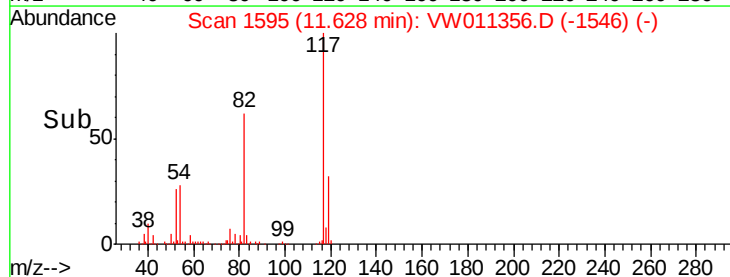
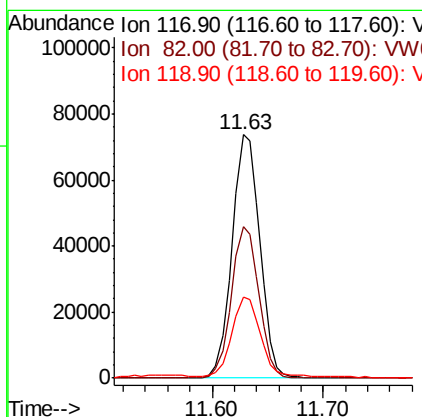
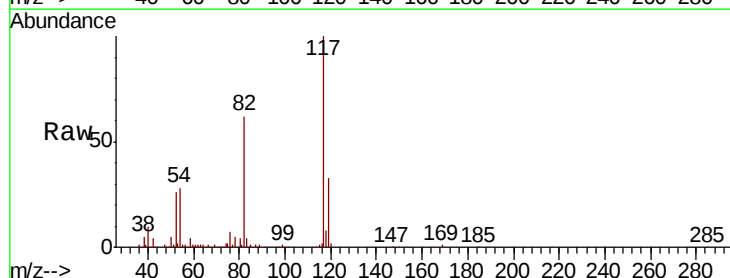
Instrument :
MSVOA_W
ClientSampleId :
SB-3(0-2)

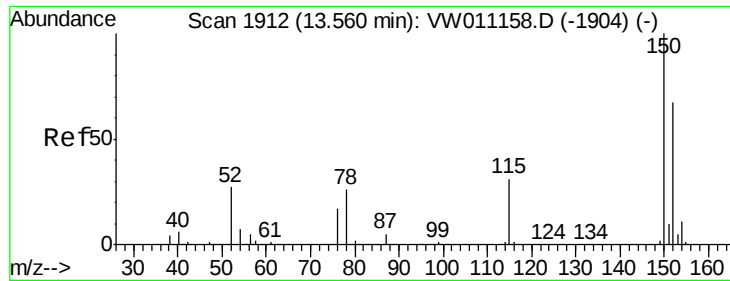
Tot Ion: 95 Resp: 37624
Ion Ratio Lower Upper
95 100
174 77.7 0.0 147.6
176 70.8 0.0 144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011356.D
Acq: 19 Jul 2019 02:31

Tgt Ion: 117 Resp: 127013
Ion Ratio Lower Upper
117 100
82 62.4 48.9 73.3
119 32.8 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011356.D

Acq: 19 Jul 2019 02:31

Instrument :

MSVOA_W

ClientSampleId :

SB-3(0-2)

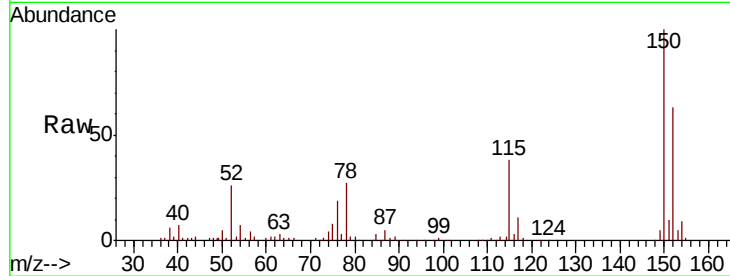
Tot Ion:152 Resp: 26264

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.3

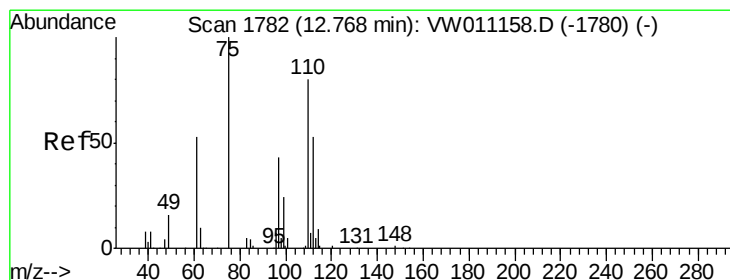
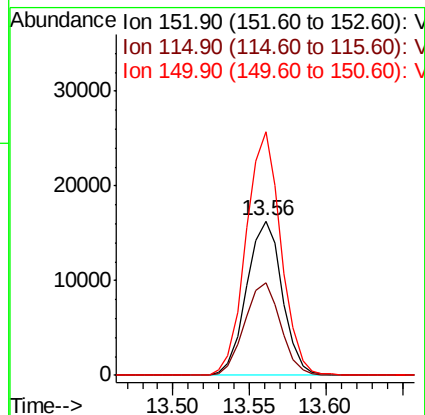
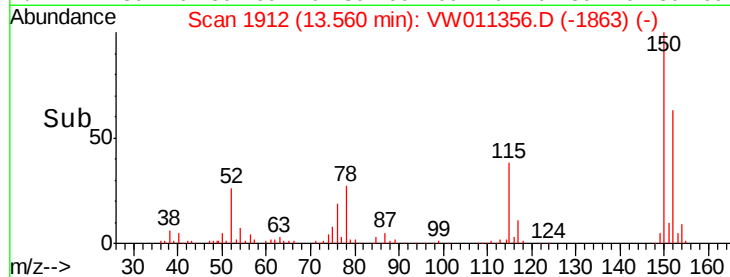
150 155.1 0.0 346.0



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: 65.947 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011356.D

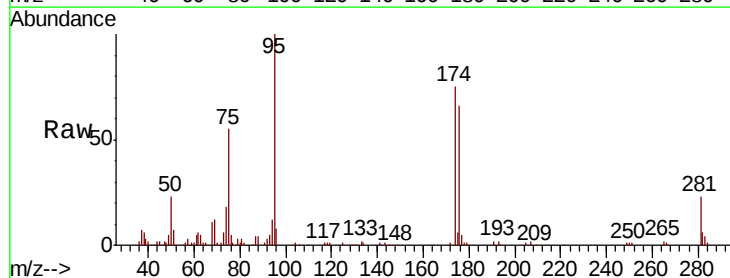
Acq: 19 Jul 2019 02:31

Tgt Ion: 75 Resp: 20016

Ion Ratio Lower Upper

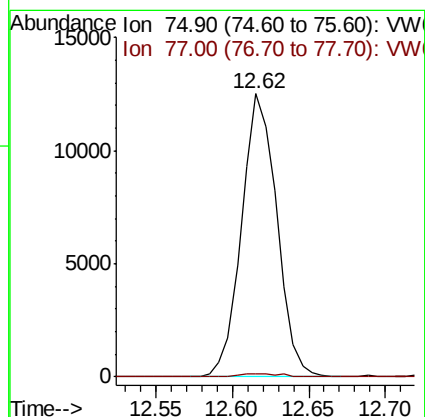
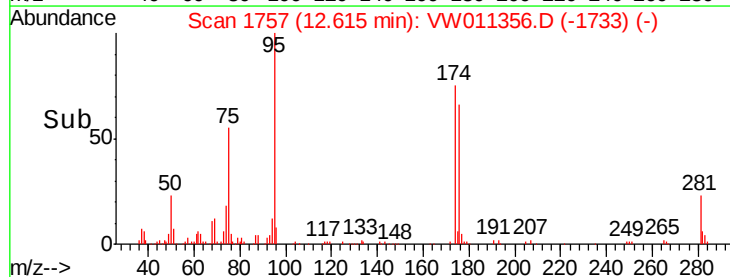
75 100

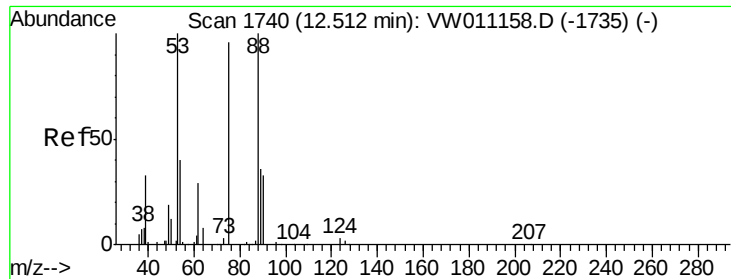
77 1.2 0.0 0.0#



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: 149.161 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011356.D

Acq: 19 Jul 2019 02:31

Instrument :

MSVOA_W

ClientSampleId :

SB-3(0-2)

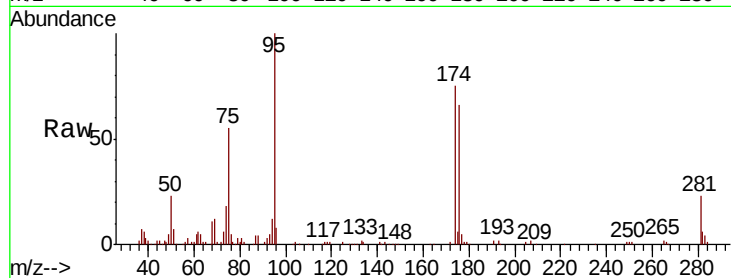
Tot Ion: 75 Resp: 20016

Ion Ratio Lower Upper

75 100

53 0.0 89.8 134.6#

89 0.5 34.3 51.5#



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

