

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011336.D
 Acq On : 18 Jul 2019 16:16
 Operator : SY/VA
 Sample : K3783-03
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC018-SD-190711

Quant Time: Jul 19 06:45:04 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	185573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	322735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123813	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	134960	57.88	ug/l	0.00
Spiked Amount						
			Recovery	=	115.76%	
35) Dibromofluoromethane	7.88	113	100463	52.23	ug/l	0.00
Spiked Amount						
			Recovery	=	104.46%	
50) Toluene-d8	10.32	98	407511	52.41	ug/l	0.00
Spiked Amount						
			Recovery	=	104.82%	
62) 4-Bromofluorobenzene	12.62	95	160006	56.14	ug/l	0.00
Spiked Amount						
			Recovery	=	112.28%	

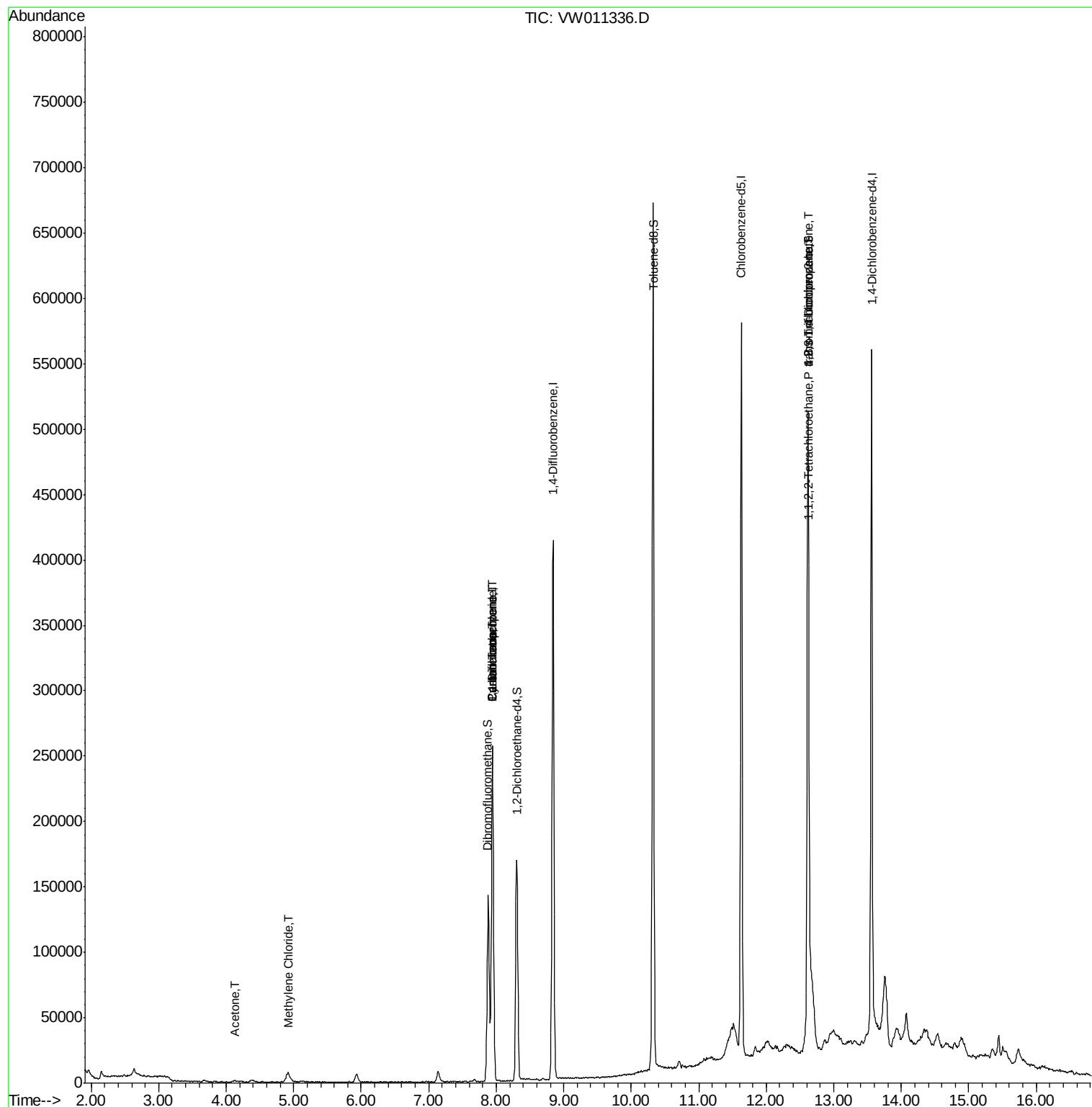
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	2115	3.770	ug/l	99
18) Methyl Acetate	4.66	43	212	Below Cal	#	57
20) Methylene Chloride	4.91	84	2905	1.313	ug/l	92
31) Cyclohexane	7.95	56	4961	1.098	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16428	4.780	ug/l #	51
38) Carbon Tetrachloride	7.95	117	18648	6.401	ug/l #	15
75) 1,1,2,2-Tetrachloroethane	12.63	83	23631	12.455	ug/l #	27
76) 1,2,3-Trichloropropane	12.62	75	75623	52.853	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75623	119.543	ug/l #	6

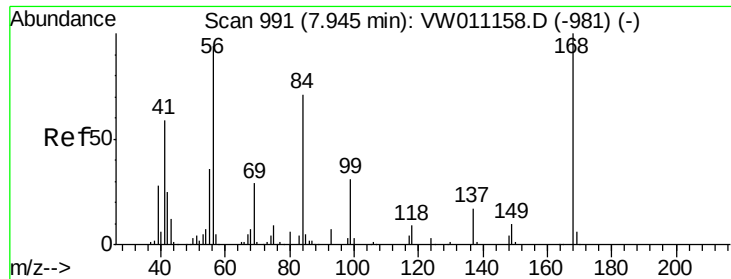
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011336.D

Acq: 18 Jul 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

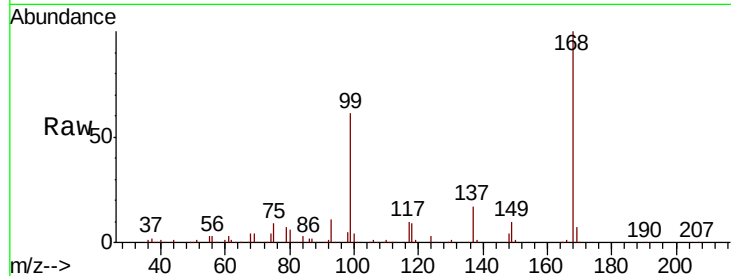
KY030LC018-SD-190711

Tot Ion:168 Resp: 185573

Ion Ratio Lower Upper

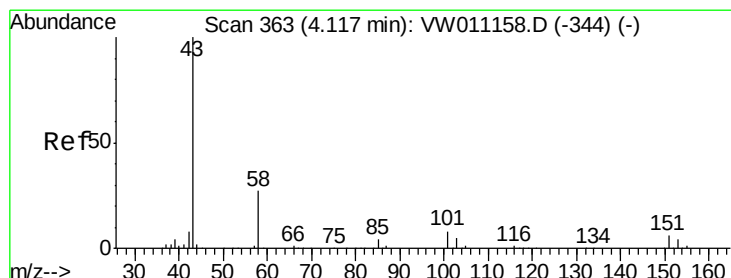
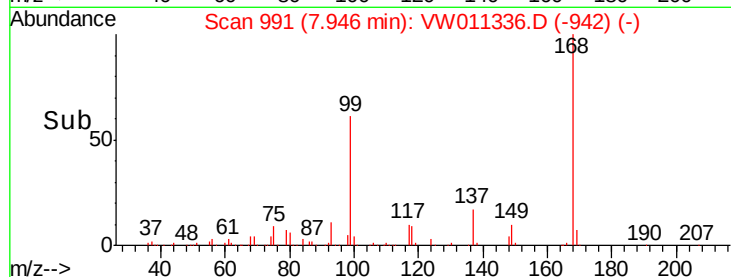
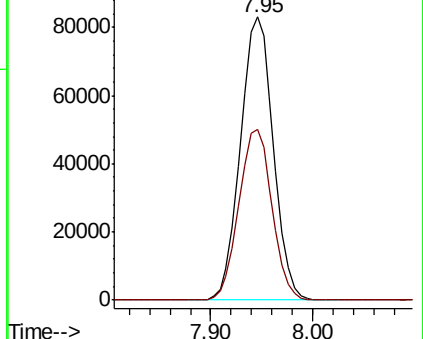
168 100

99 60.5 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 3.770 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011336.D

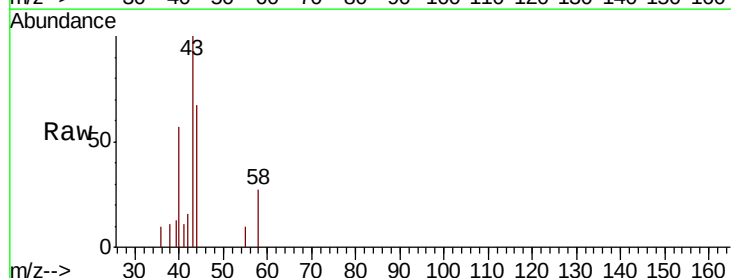
Acq: 18 Jul 2019 16:16

Tgt Ion: 43 Resp: 2115

Ion Ratio Lower Upper

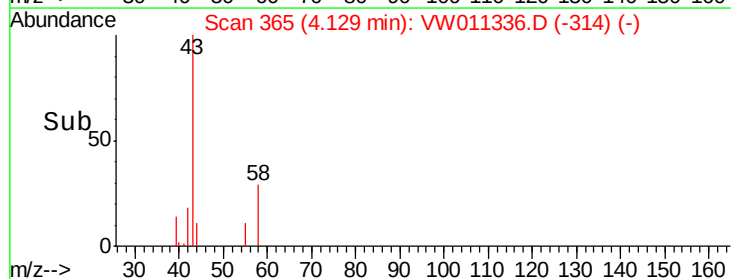
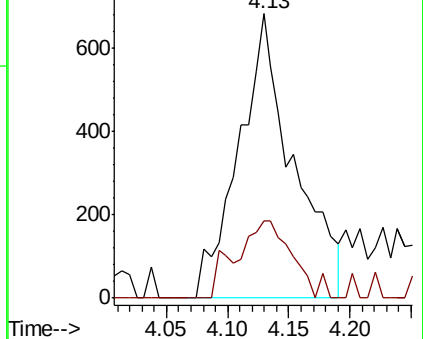
43 100

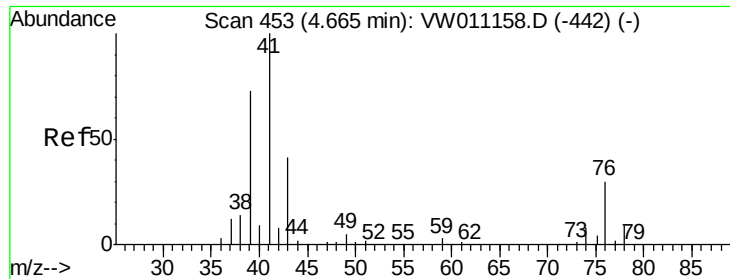
58 26.8 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

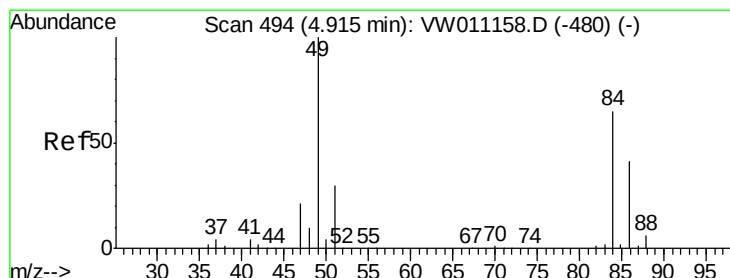
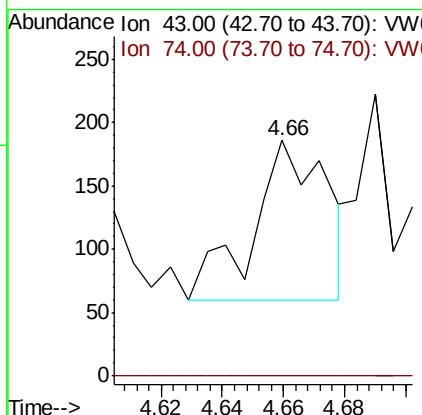
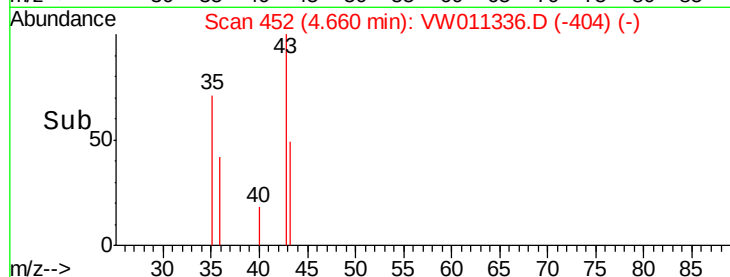
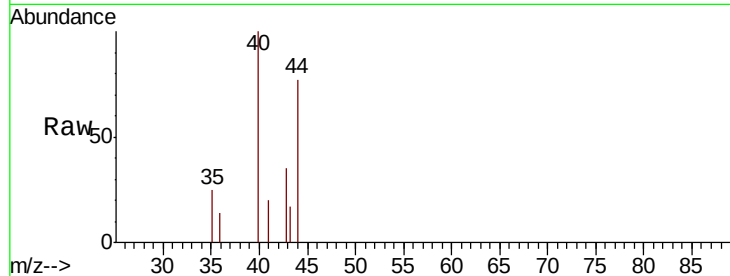




#18
Methyl Acetate
Concen: Below Cal
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011336.D
Acq: 18 Jul 2019 16:16

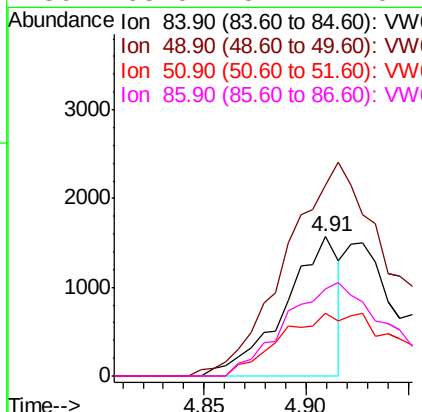
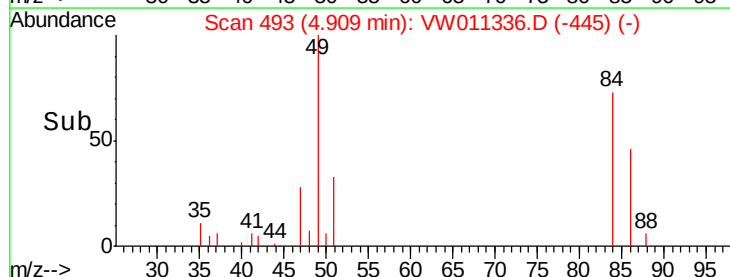
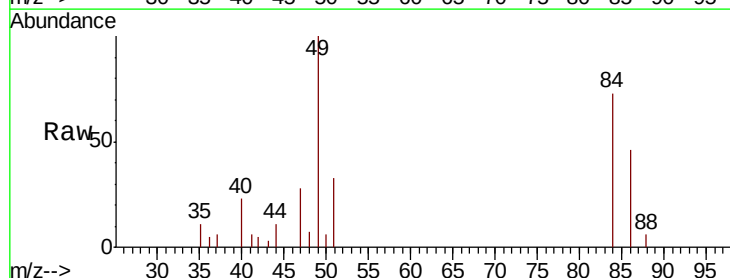
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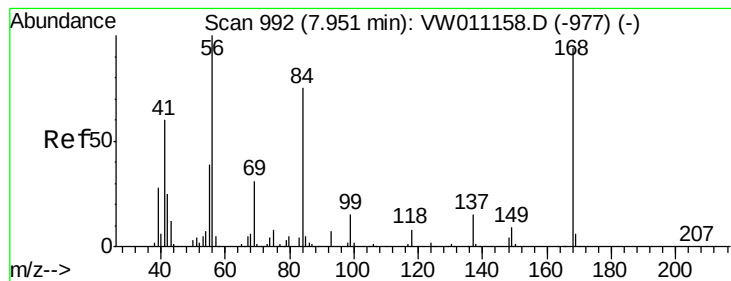
Tot Ion: 43 Resp: 212
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#



#20
Methylene Chloride
Concen: 1.313 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011336.D
Acq: 18 Jul 2019 16:16

Tgt Ion: 84 Resp: 2905
Ion Ratio Lower Upper
84 100
49 137.7 123.8 185.6
51 45.6 37.4 56.2
86 63.0 51.1 76.7





#31

Cyclohexane

Concen: 1.098 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011336.D

Acq: 18 Jul 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

KY030LC018-SD-190711

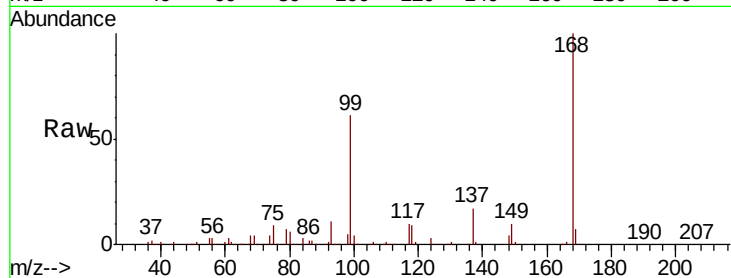
Tot Ion: 56 Resp: 4961

Ion Ratio Lower Upper

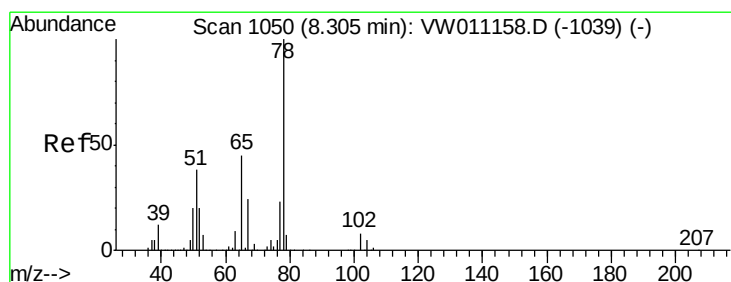
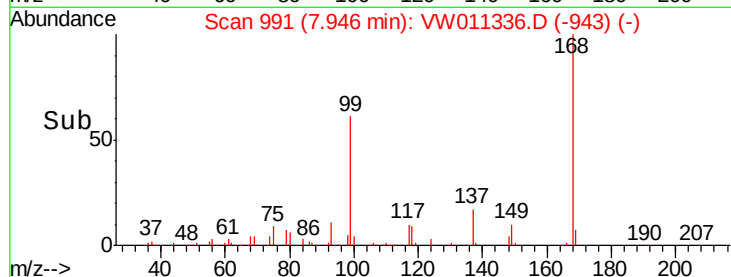
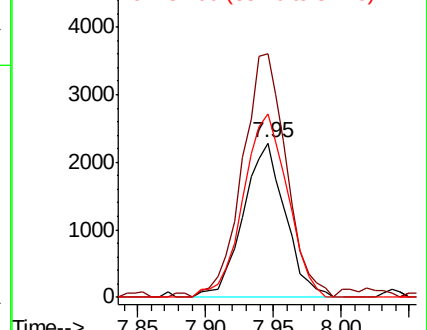
56 100

69 157.7 24.6 36.8#

84 118.5 60.1 90.1#



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: 57.878 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011336.D

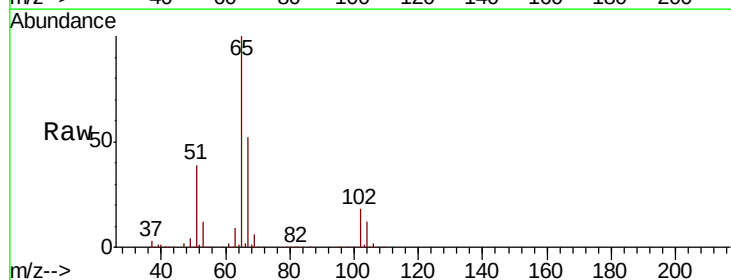
Acq: 18 Jul 2019 16:16

Tgt Ion: 65 Resp: 134960

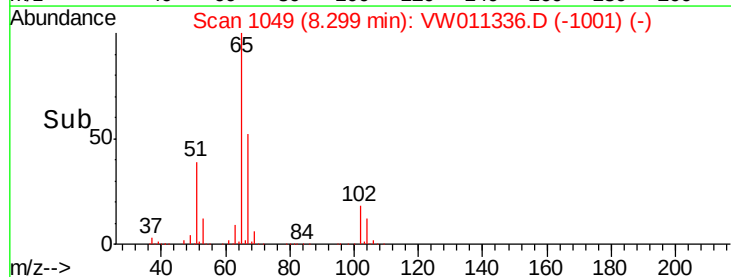
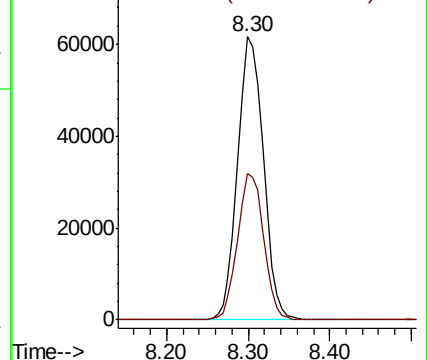
Ion Ratio Lower Upper

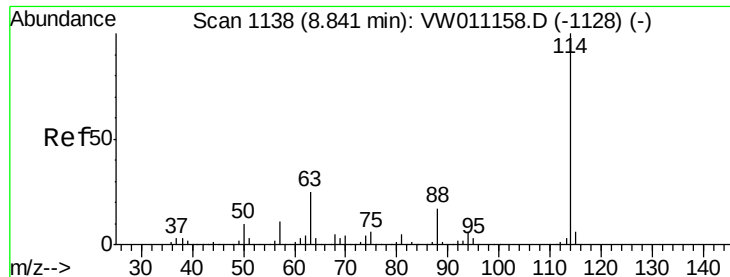
65 100

67 52.3 0.0 104.4



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

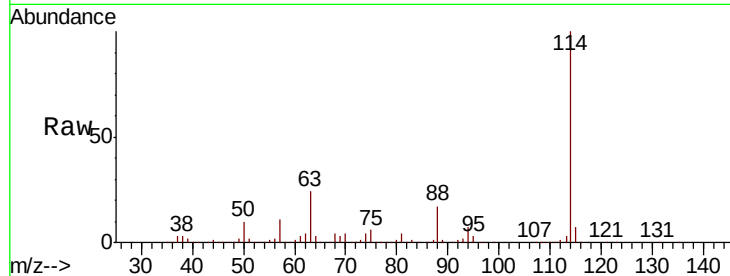




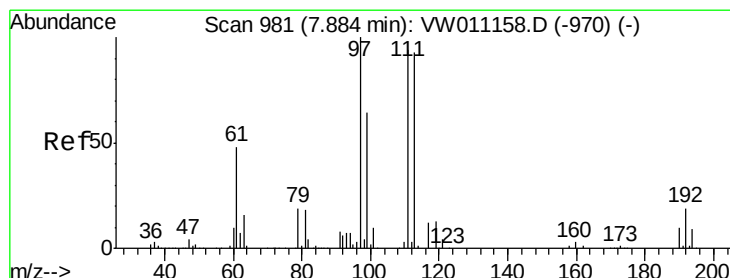
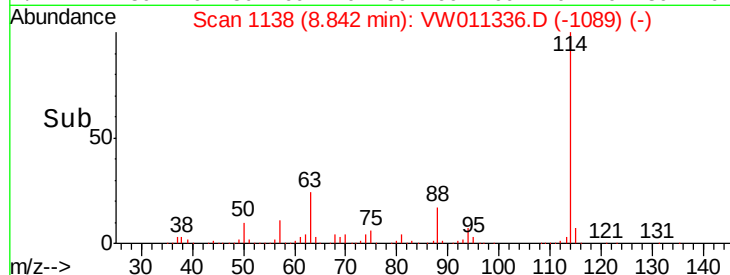
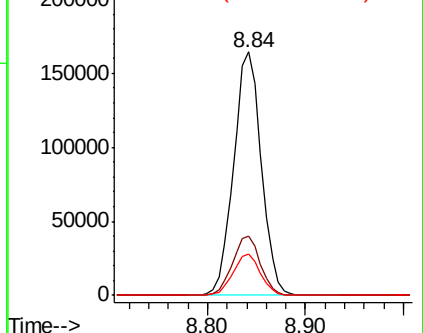
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011336.D
 Acq: 18 Jul 2019 16:16

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Tot Ion:114 Resp: 322735
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.8
 88 16.9 0.0 34.2

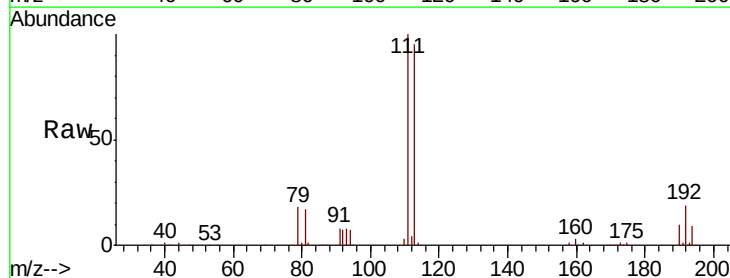


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

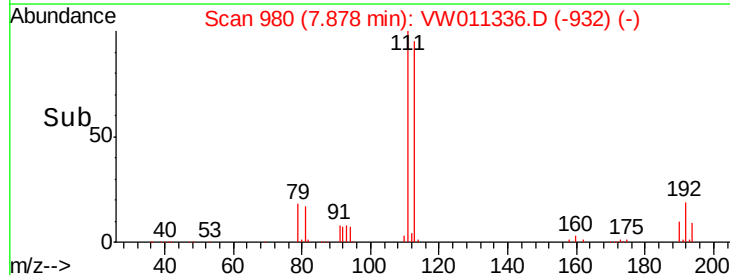
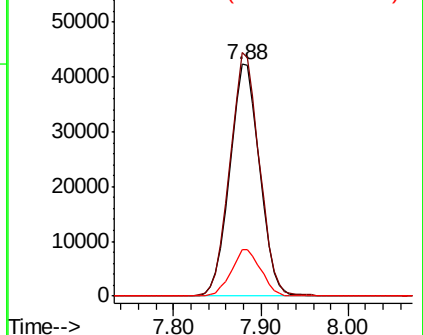


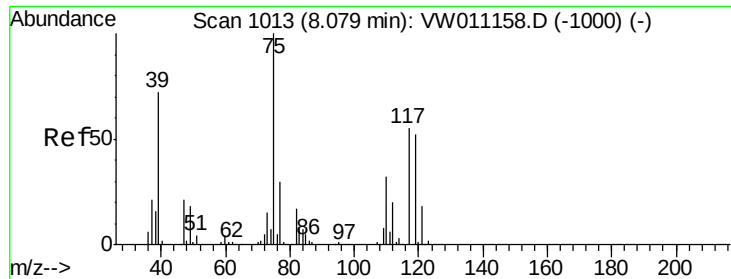
#35
 Dibromofluoromethane
 Concen: 52.225 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011336.D
 Acq: 18 Jul 2019 16:16

Tgt Ion:113 Resp: 100463
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.4 123.6
 192 20.0 15.8 23.8



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

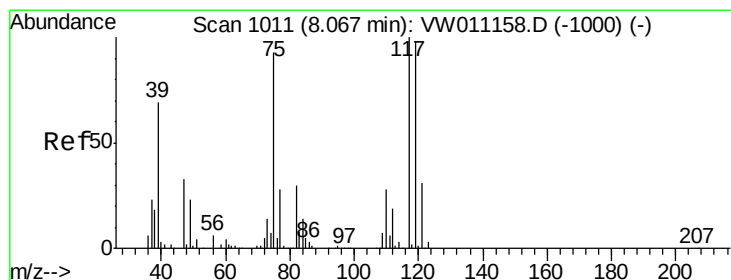
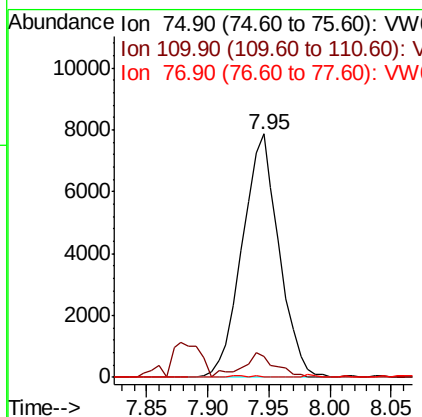
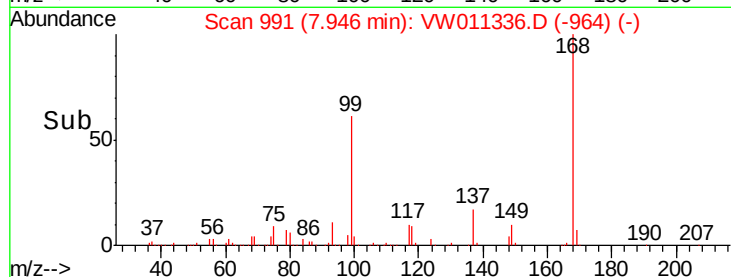
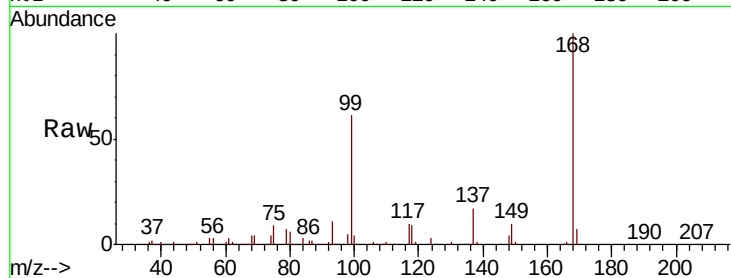




#36
 1,1-Dichloropropene
 Concen: 4.780 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011336.D
 Acq: 18 Jul 2019 16:16

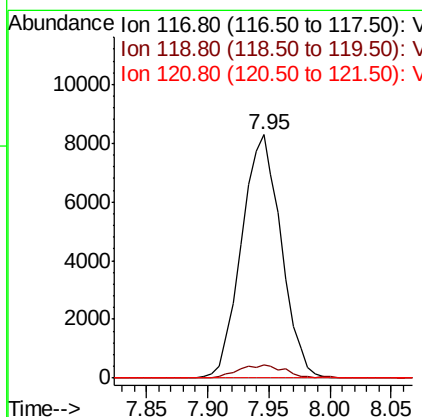
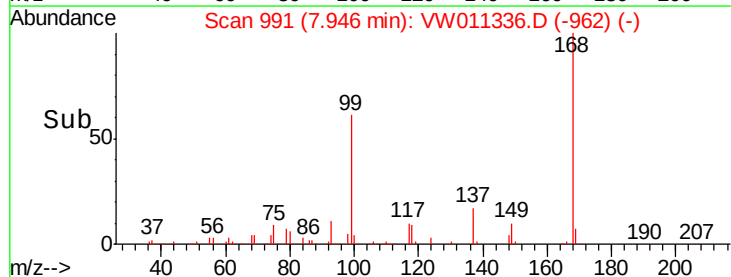
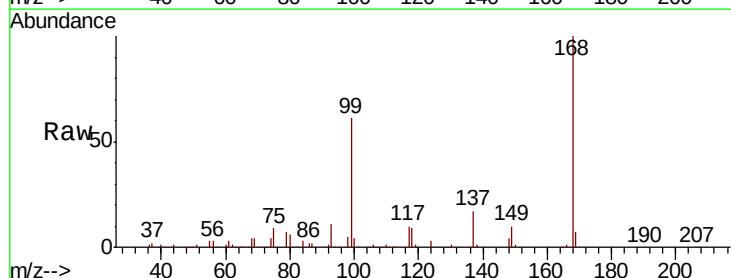
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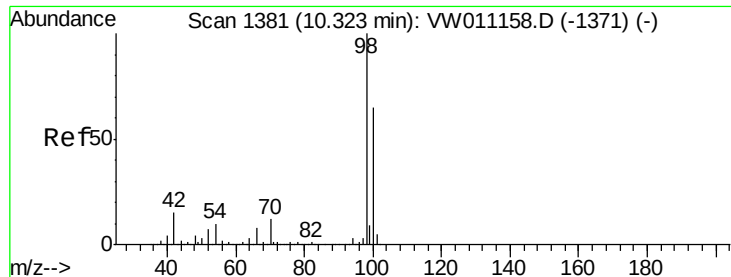
Tot Ion: 75 Resp: 16428
 Ion Ratio Lower Upper
 75 100
 110 8.1 15.9 47.6#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.401 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011336.D
 Acq: 18 Jul 2019 16:16

Tgt Ion: 117 Resp: 18648
 Ion Ratio Lower Upper
 117 100
 119 5.4 78.1 117.1#
 121 0.0 25.1 37.7#

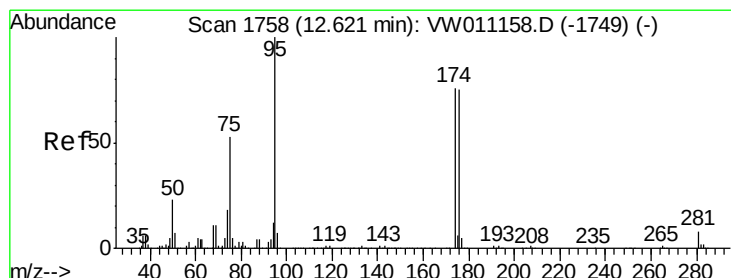
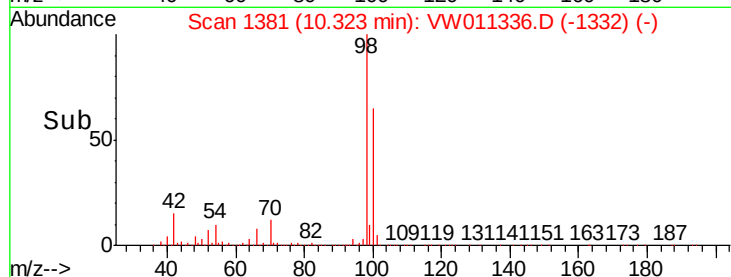
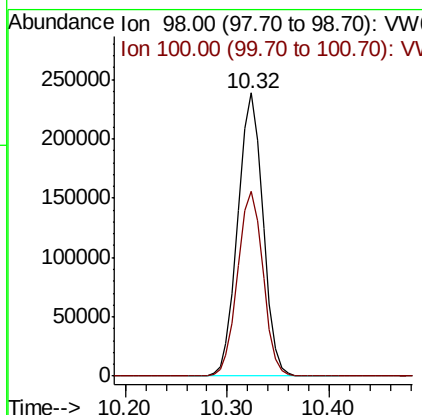
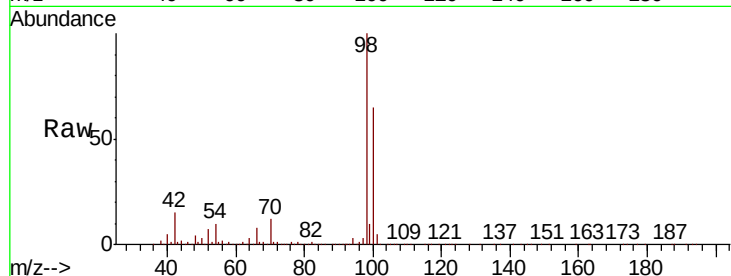




#50
Toluene-d8
Concen: 52.409 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011336.D
Acq: 18 Jul 2019 16:16

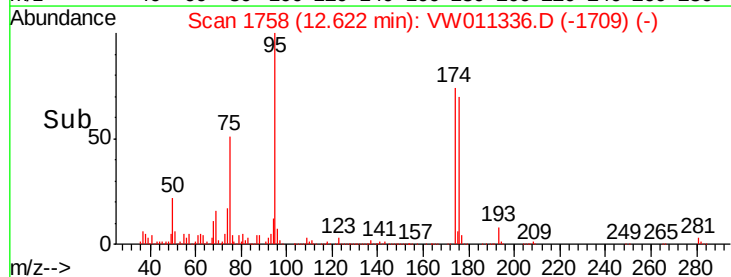
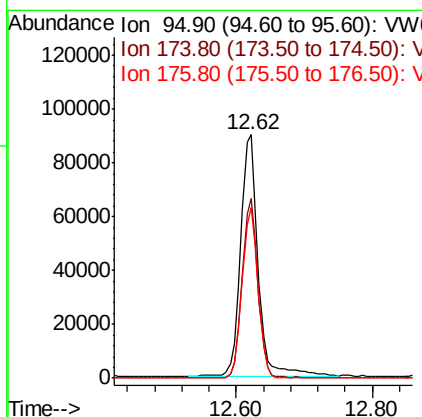
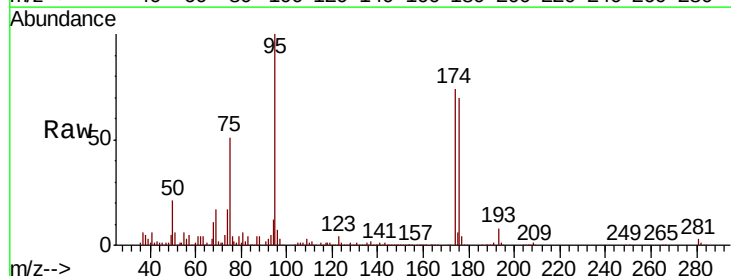
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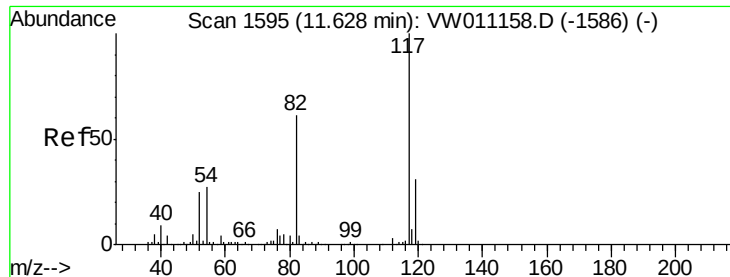
Tot Ion: 98 Resp: 407511
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 56.141 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW011336.D
Acq: 18 Jul 2019 16:16

Tgt Ion: 95 Resp: 160006
Ion Ratio Lower Upper
95 100
174 66.5 0.0 147.6
176 63.8 0.0 144.6

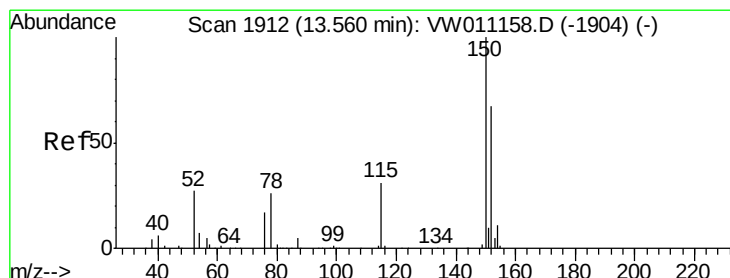
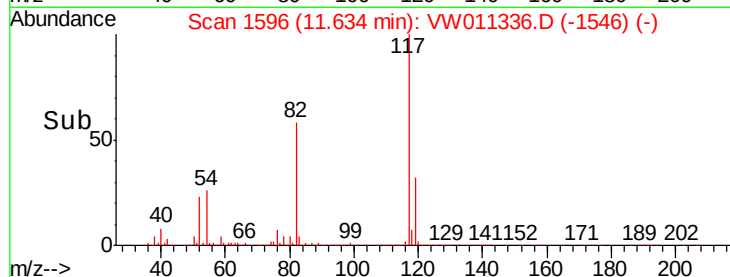
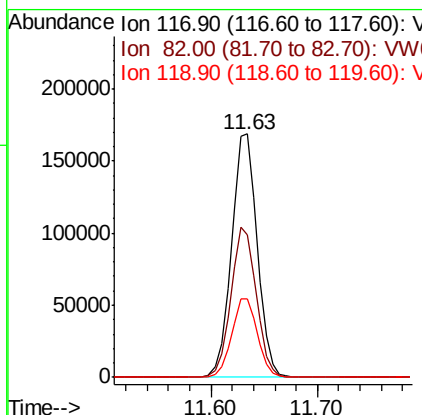
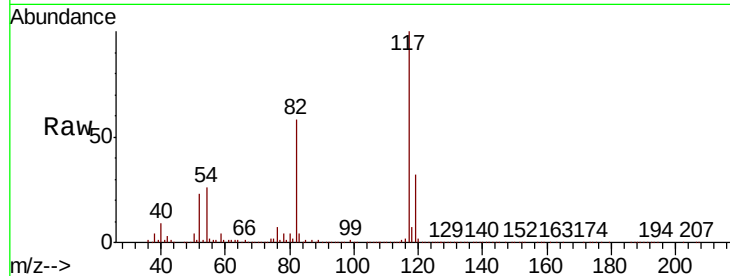




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011336.D
Acq: 18 Jul 2019 16:16

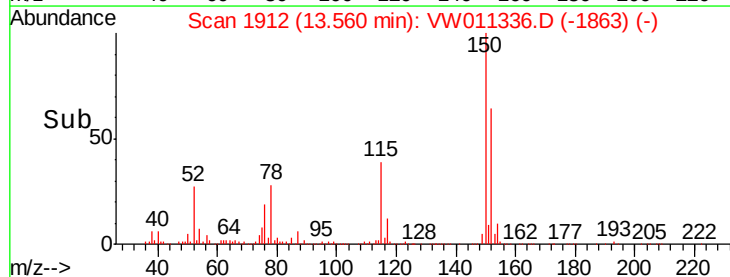
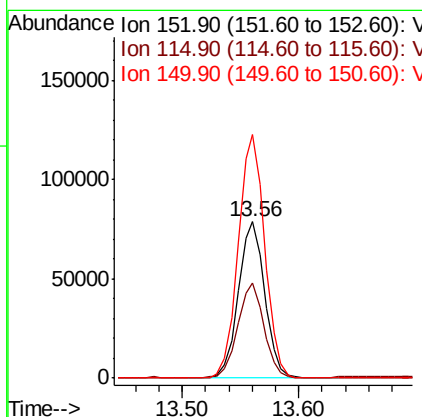
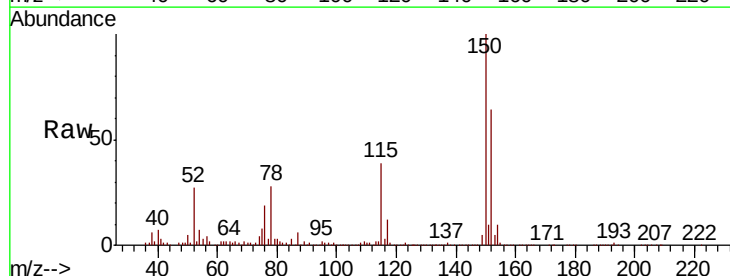
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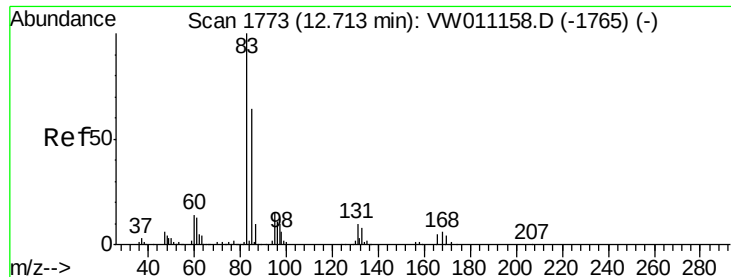
Tot Ion:117 Resp: 285541
Ion Ratio Lower Upper
117 100
82 58.1 48.9 73.3
119 32.0 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011336.D
Acq: 18 Jul 2019 16:16

Tgt Ion:152 Resp: 123813
Ion Ratio Lower Upper
152 100
115 59.8 30.1 90.3
150 156.1 0.0 346.0





#75

1,1,2,2-Tetrachloroethane

Concen: 12.455 ug/l

RT: 12.63 min Scan# 1760

Delta R.T. -0.08 min

Lab File: VW011336.D

Acq: 18 Jul 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

KY030LC018-SD-190711

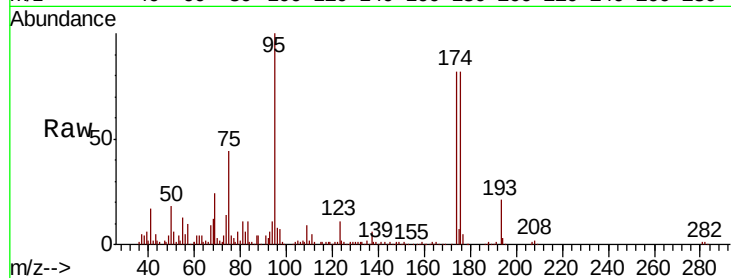
Tot Ion: 83 Resp: 23631

Ion Ratio Lower Upper

83 100

131 1.8 5.0 15.0#

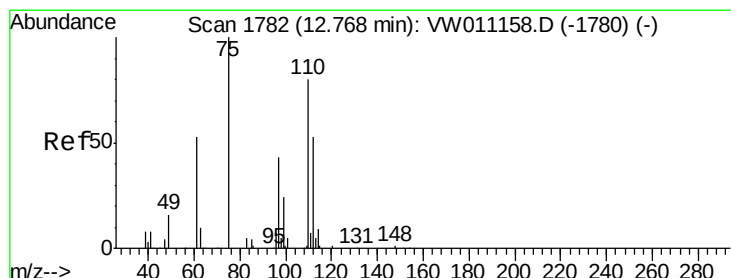
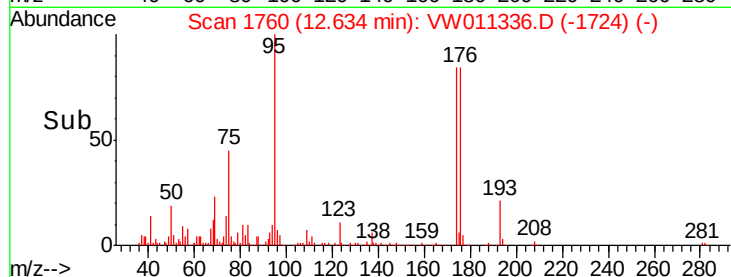
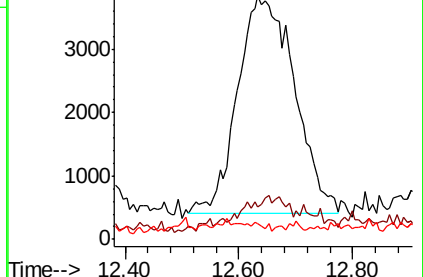
85 0.0 31.6 94.8#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 52.853 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011336.D

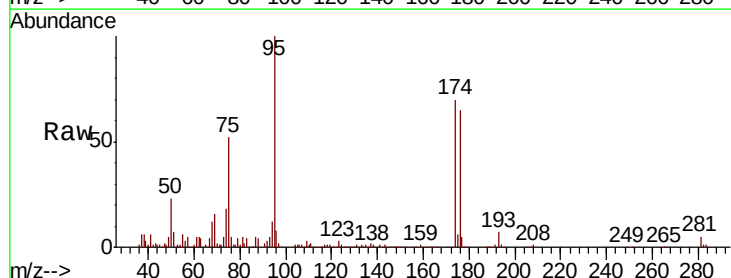
Acq: 18 Jul 2019 16:16

Tgt Ion: 75 Resp: 75623

Ion Ratio Lower Upper

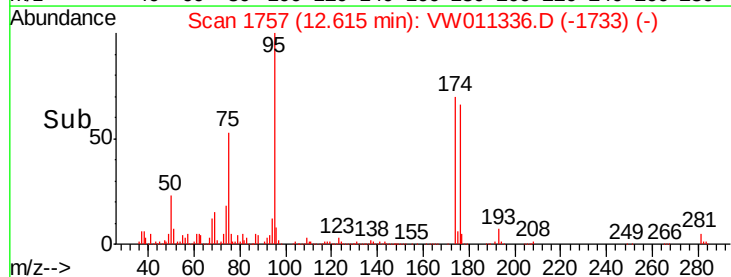
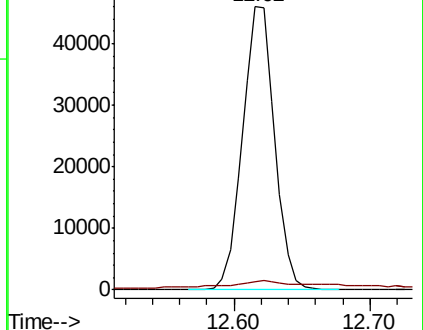
75 100

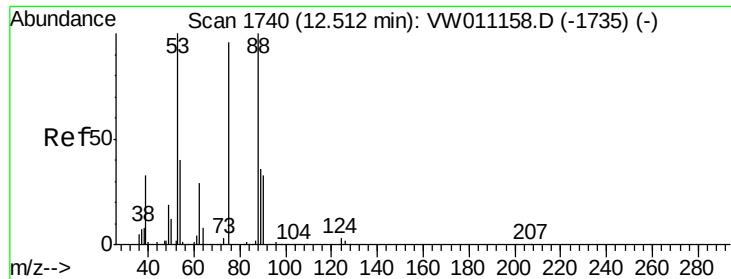
77 5.2 0.0 0.0#



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: 119.543 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011336.D

Acq: 18 Jul 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

KY030LC018-SD-190711

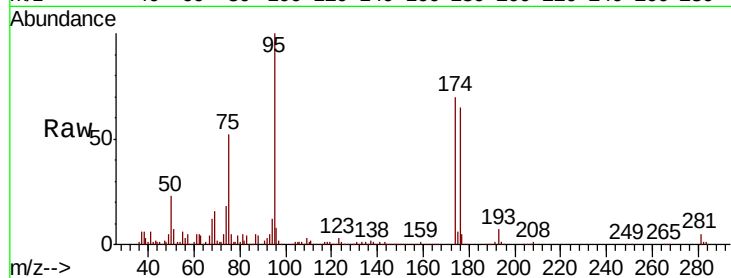
Tot Ion: 75 Resp: 75623

Ion Ratio Lower Upper

75 100

53 0.0 89.8 134.6#

89 0.2 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

