

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007541.D
 Acq On : 14 Dec 2018 17:44
 Operator : SY/AP
 Sample : J6357-08RE
 Misc : 4.67G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-09ARE

Quant Time: Dec 15 00:43:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	65653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	100676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	74497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	22291	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	39243	53.88	ug/l	0.00
Spiked Amount			Recovery	=	107.76%	
35) Dibromofluoromethane	7.88	113	35715	58.60	ug/l	0.00
Spiked Amount			Recovery	=	117.20%	
50) Toluene-d8	10.32	98	111289	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.62	95	27070	32.22	ug/l	0.00
Spiked Amount			Recovery	=	64.44%	

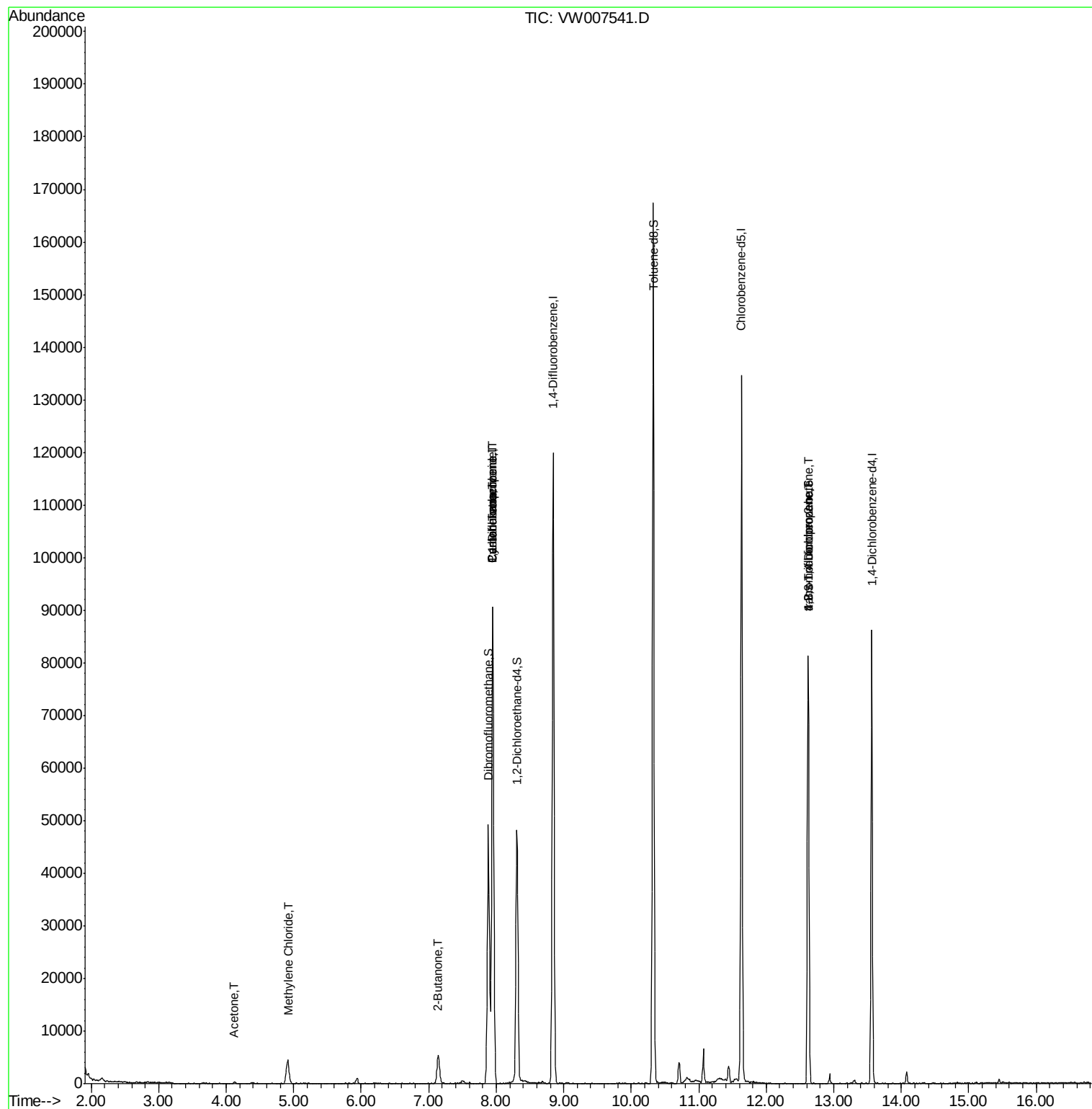
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	554	4.355	ug/l #	82
20) Methylene Chloride	4.91	84	3491	1.193	ug/l	96
25) 2-Butanone	7.13	43	237	1.427	ug/l #	45
31) Cyclohexane	7.95	56	1312	1.160	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	4939	5.378	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7098	7.103	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	13559	73.772	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	13559	162.963	ug/l #	7

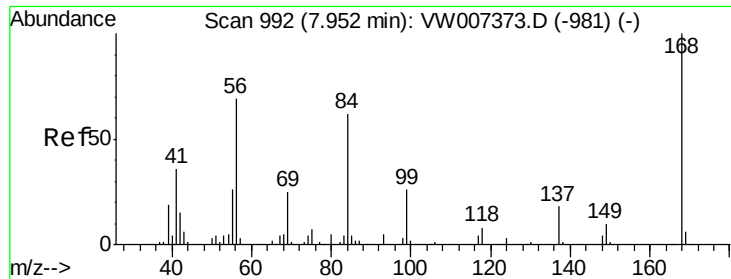
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007541.D

Acq: 14 Dec 2018 17:44

Instrument :

BNA_G

ClientSampleId :

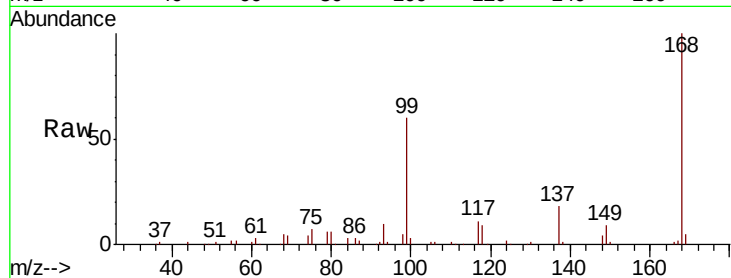
SB-09ARE

Tgt Ion: 168 Resp: 65653

Ion Ratio Lower Upper

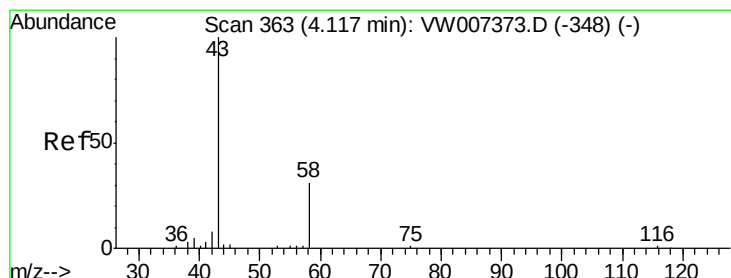
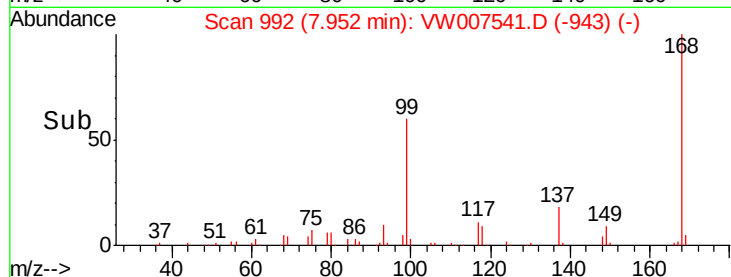
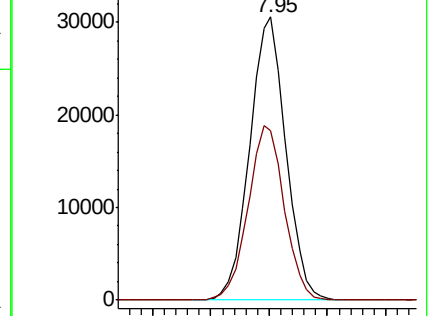
168 100

99 59.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 4.355 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007541.D

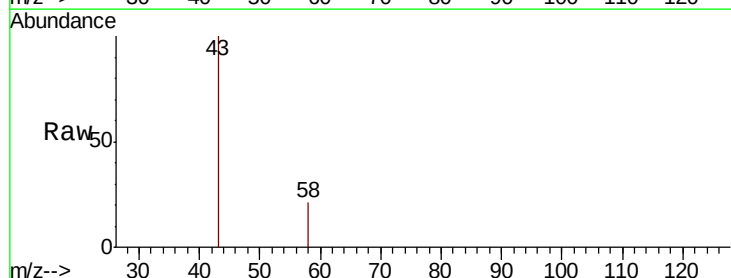
Acq: 14 Dec 2018 17:44

Tgt Ion: 43 Resp: 554

Ion Ratio Lower Upper

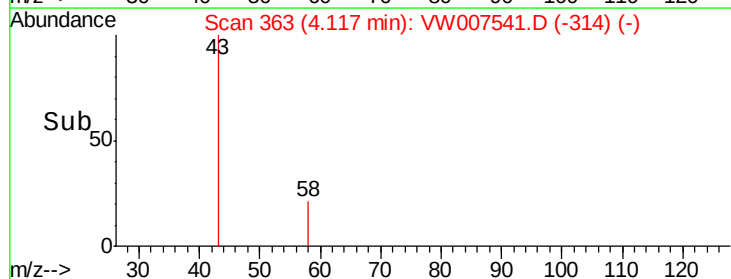
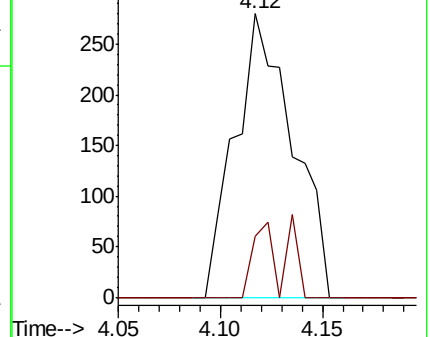
43 100

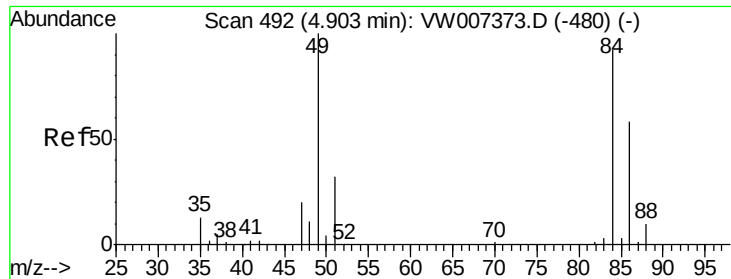
58 21.4 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

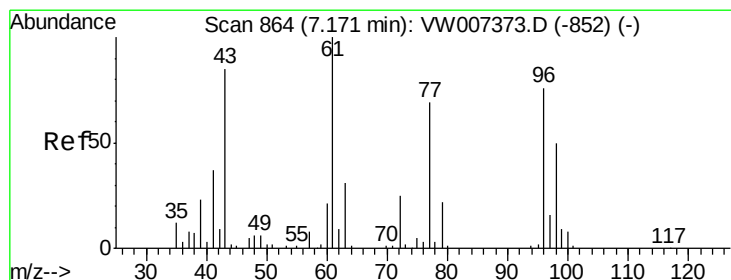
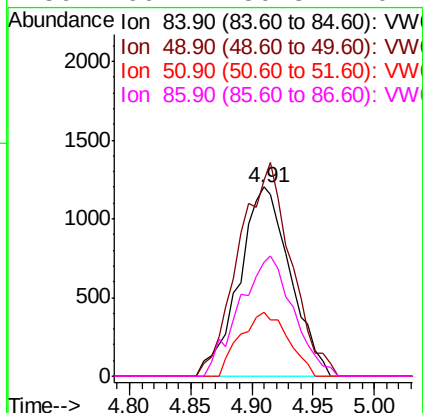
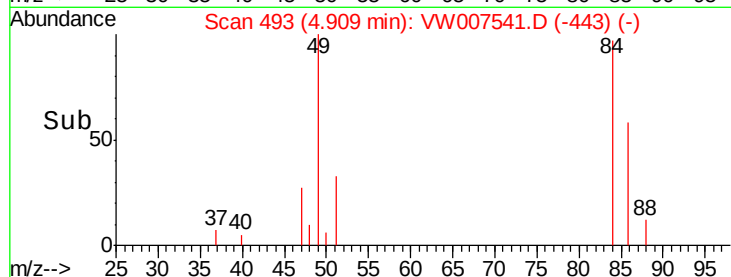
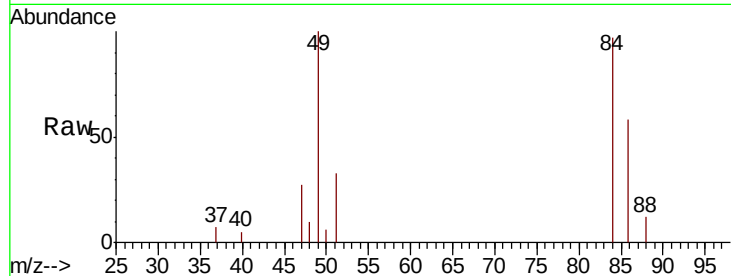




#20
Methylene Chloride
Concen: 1.193 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007541.D
Acq: 14 Dec 2018 17:44

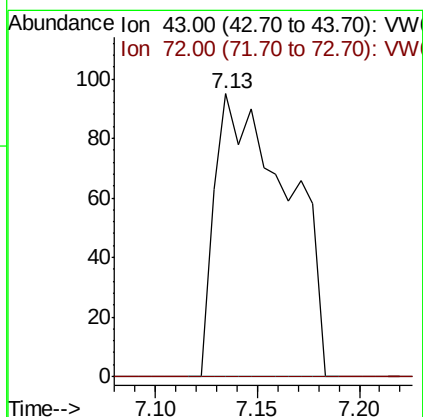
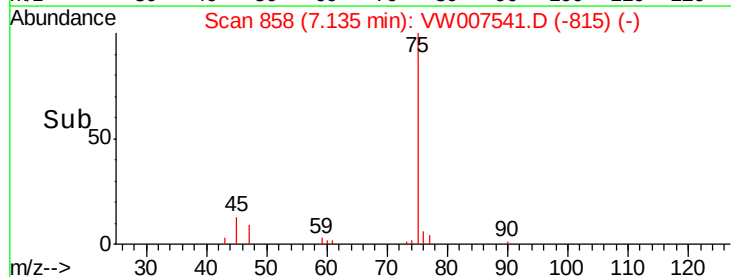
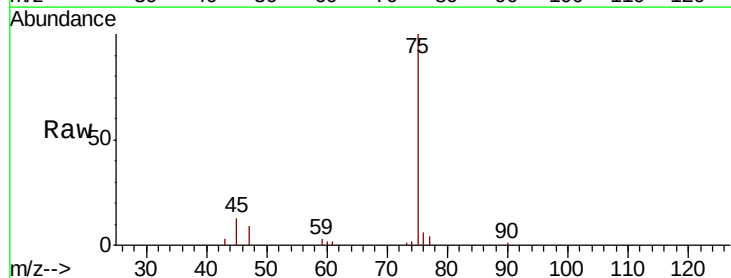
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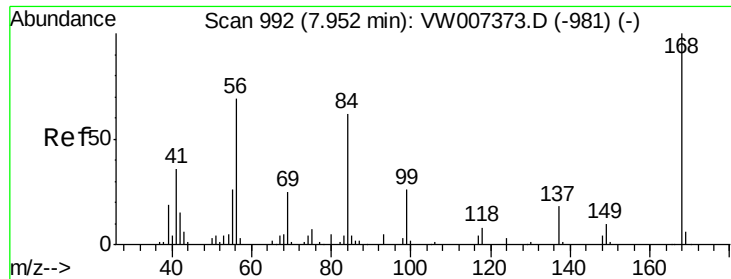
Tgt Ion:	84	Resp:	3491
Ion	Ratio	Lower	Upper
84	100		
49	103.3	87.1	130.7
51	33.9	28.2	42.2
86	60.2	50.8	76.2



#25
2-Butanone
Concen: 1.427 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW007541.D
Acq: 14 Dec 2018 17:44

Tgt Ion:	43	Resp:	237
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.4	35.2#

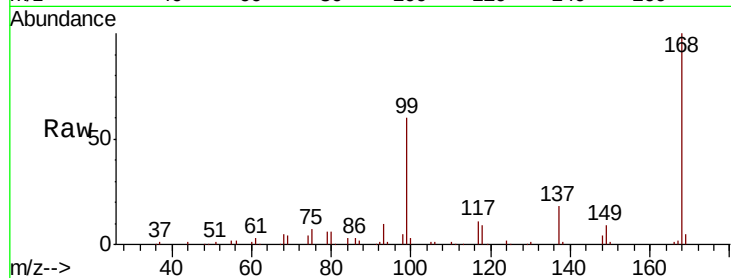




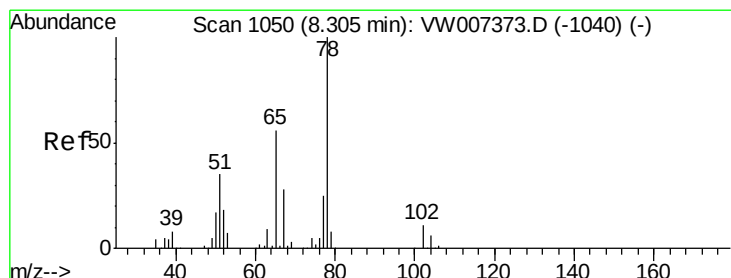
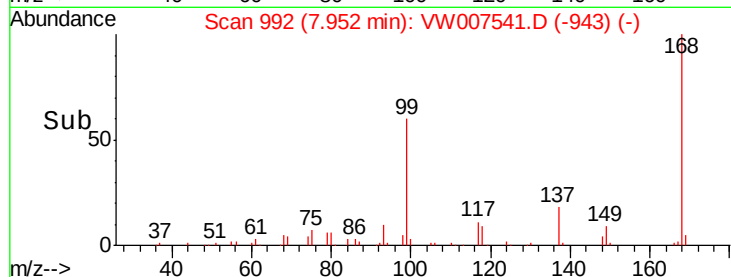
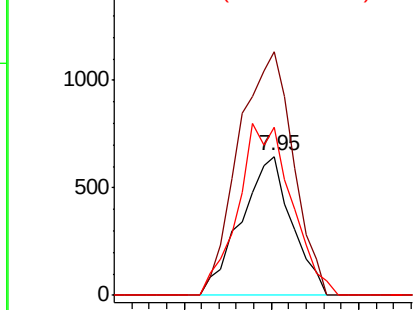
#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007541.D
Acq: 14 Dec 2018 17:44

Instrument :
BNA_G
ClientSampleId :
SB-09ARE

Tgt Ion: 56 Resp: 1312
Ion Ratio Lower Upper
56 100
69 174.8 28.9 43.3#
84 120.8 71.8 107.6#

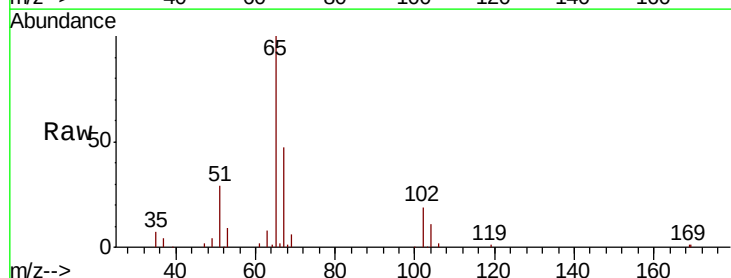


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

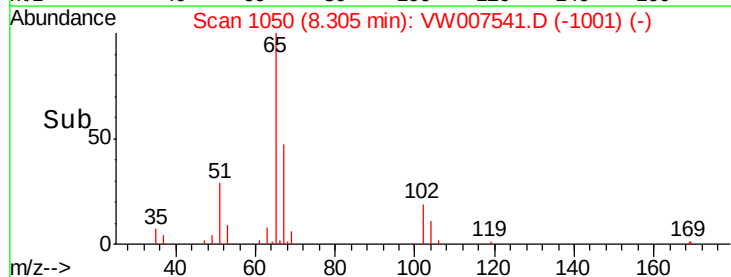
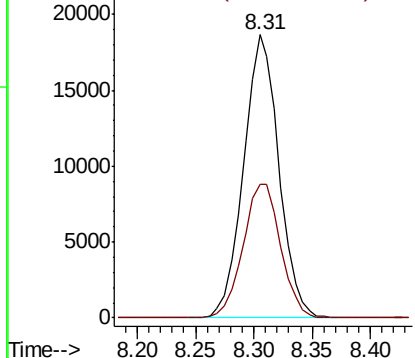


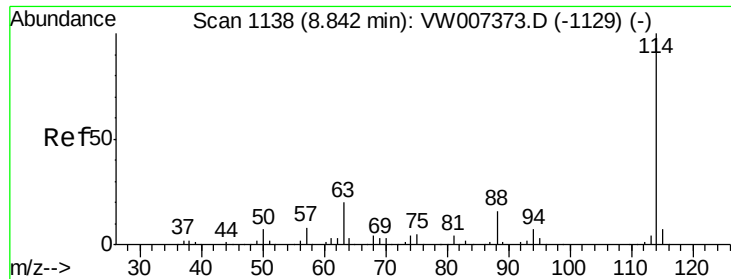
#33
1,2-Dichloroethane-d4
Concen: 53.878 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007541.D
Acq: 14 Dec 2018 17:44

Tgt Ion: 65 Resp: 39243
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.6



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

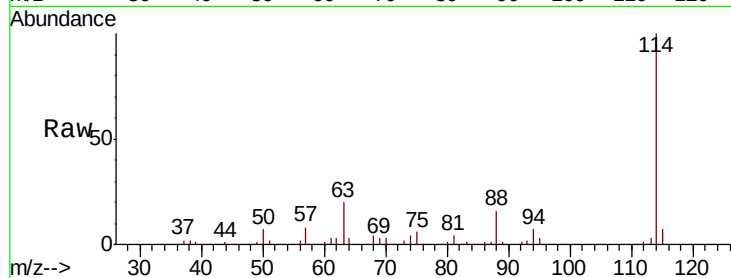




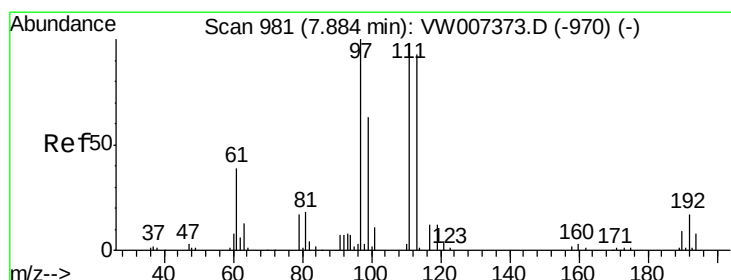
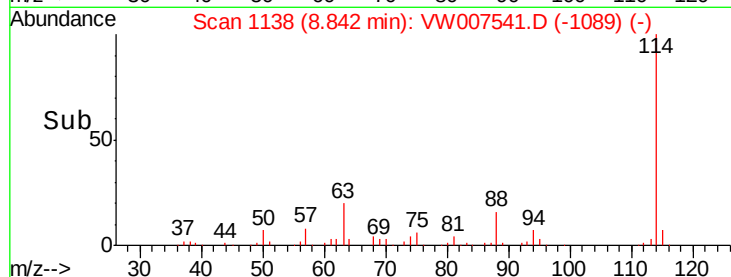
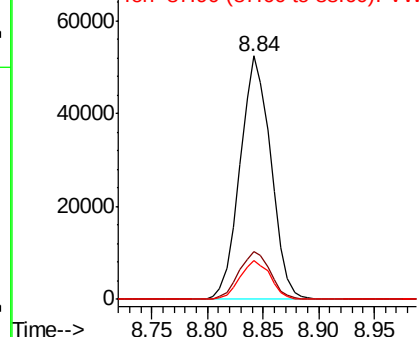
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW007541.D
Acq: 14 Dec 2018 17:44

Instrument :
BNA_G
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Tgt Ion:114 Resp: 100676
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.6
88 15.8 0.0 31.4

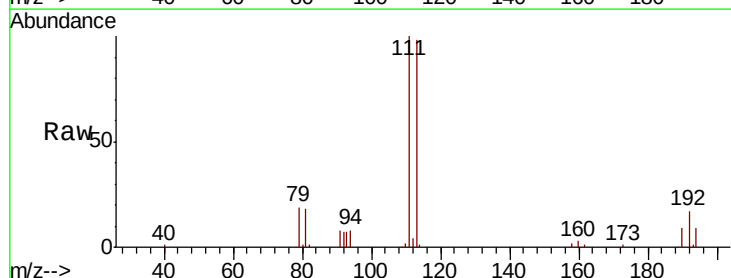


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

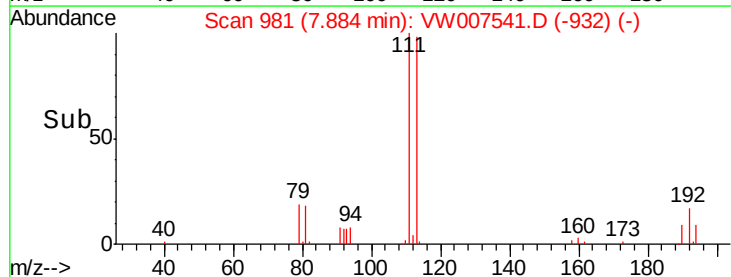
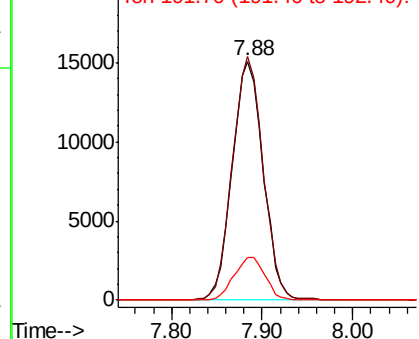


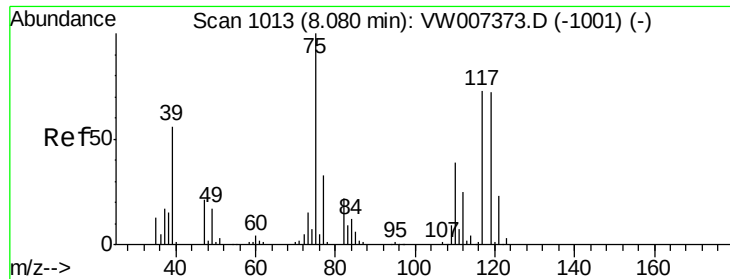
#35
Dibromofluoromethane
Concen: 58.604 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW007541.D
Acq: 14 Dec 2018 17:44

Tgt Ion:113 Resp: 35715
Ion Ratio Lower Upper
113 100
111 101.5 81.1 121.7
192 17.9 14.6 21.8



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

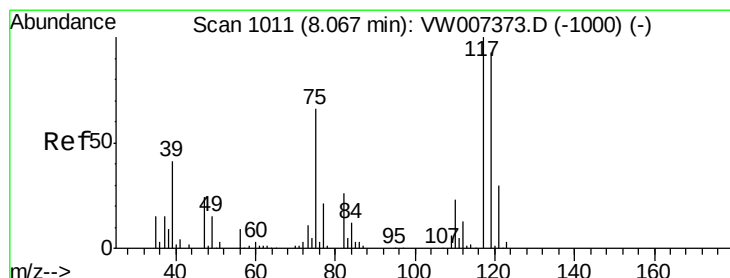
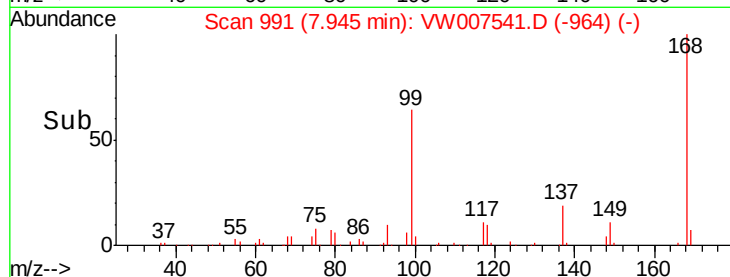
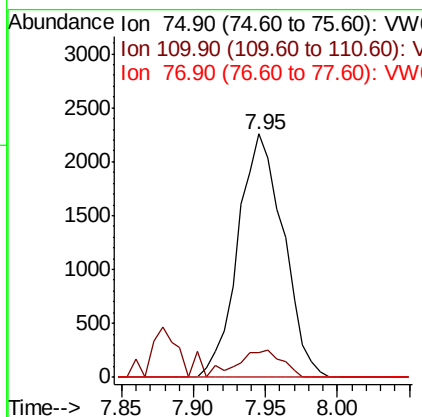
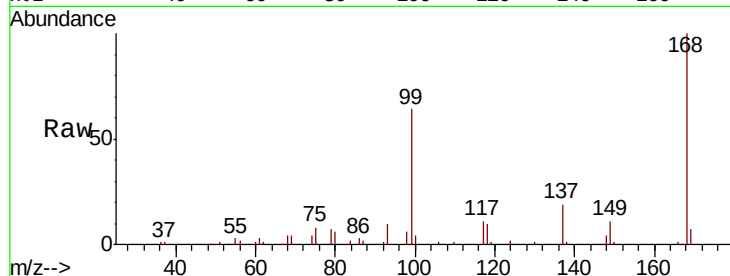




#36
 1,1-Dichloropropene
 Concen: 5.378 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007541.D
 Acq: 14 Dec 2018 17:44

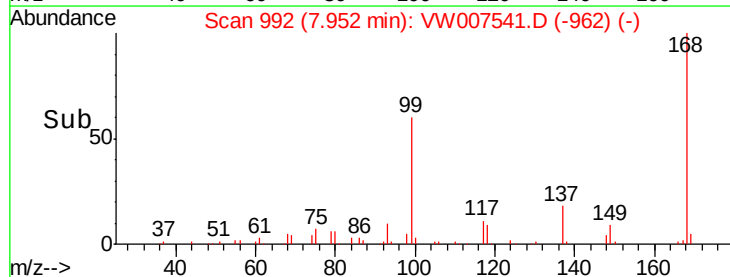
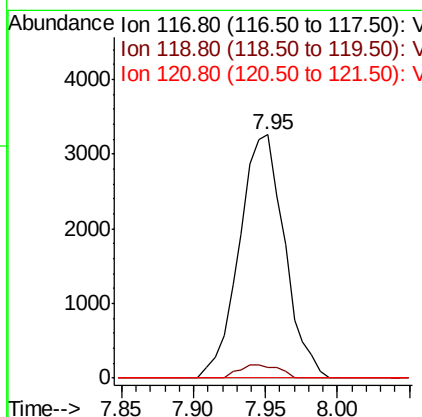
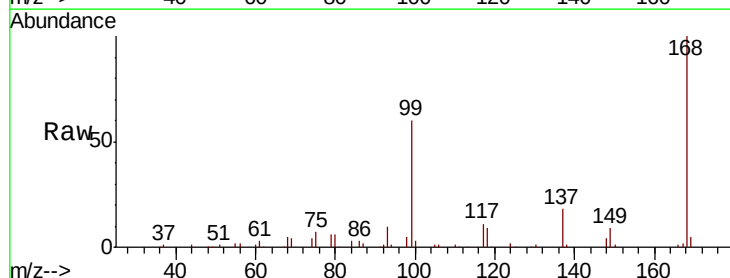
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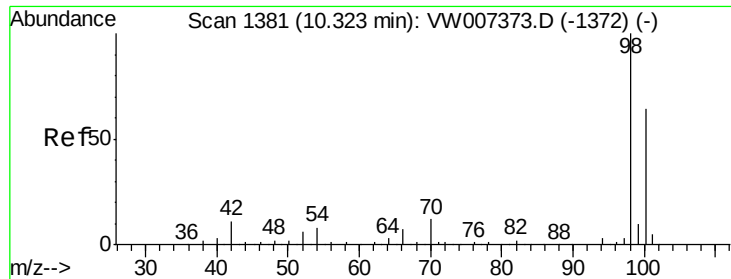
Tgt Ion: 75 Resp: 4939
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.5 55.5#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 7.103 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007541.D
 Acq: 14 Dec 2018 17:44

Tgt Ion: 117 Resp: 7098
 Ion Ratio Lower Upper
 117 100
 119 4.5 74.3 111.5#
 121 0.0 24.3 36.5#

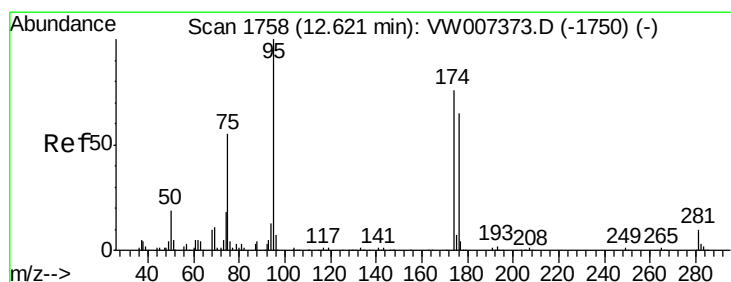
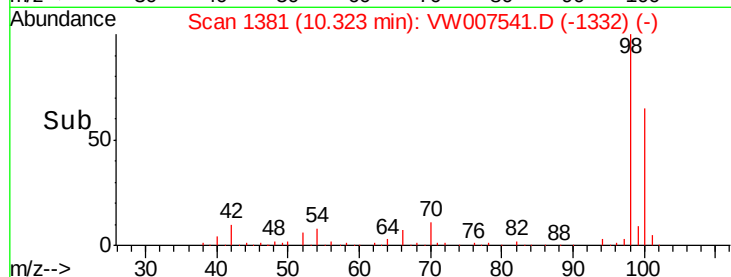
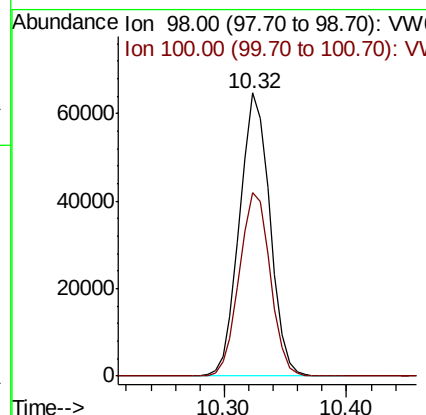
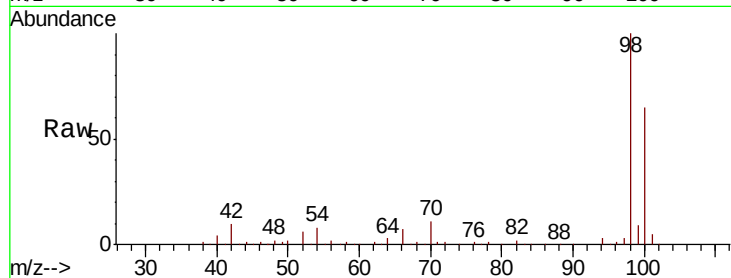




#50
Toluene-d8
Concen: 48.703 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007541.D
Acq: 14 Dec 2018 17:44

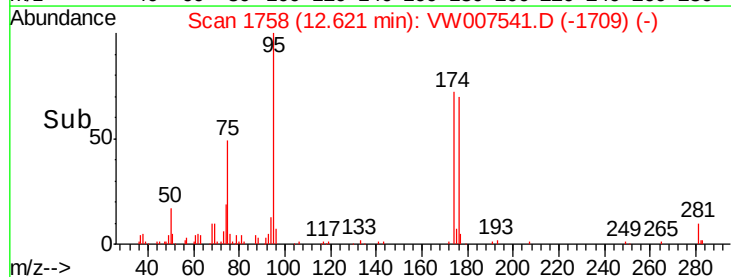
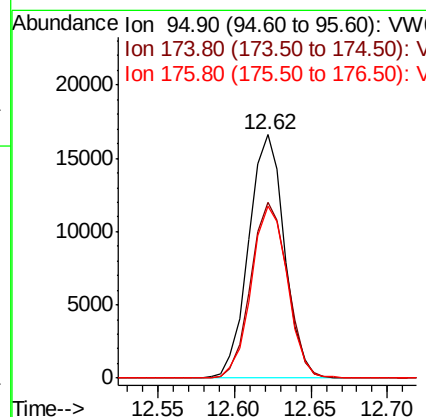
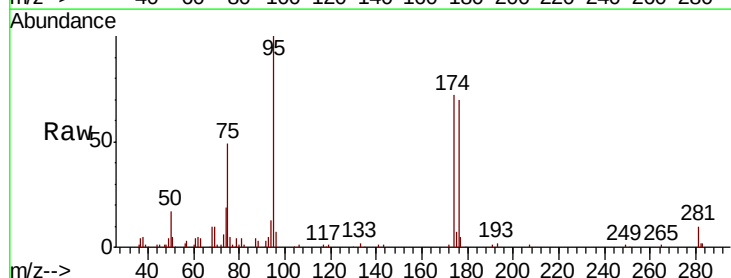
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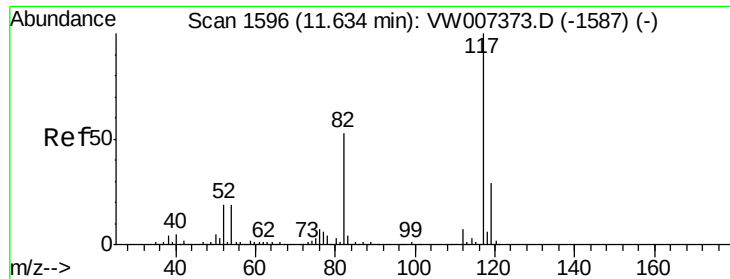
Tgt Ion: 98 Resp: 111289
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 32.221 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007541.D
Acq: 14 Dec 2018 17:44

Tgt Ion: 95 Resp: 27070
Ion Ratio Lower Upper
95 100
174 74.2 0.0 147.2
176 71.3 0.0 138.8

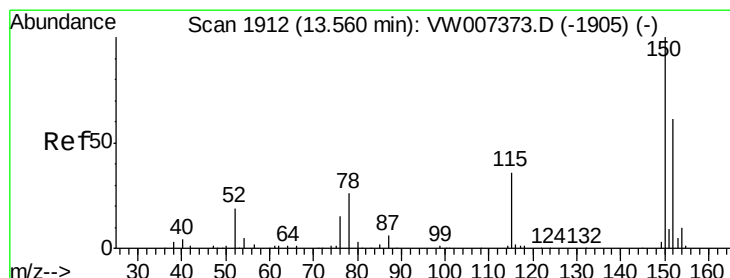
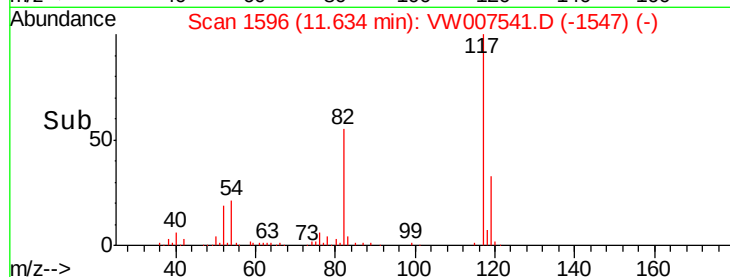
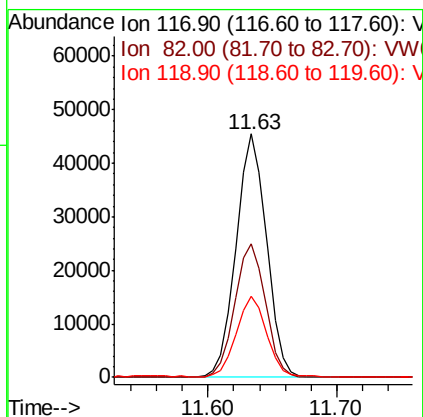
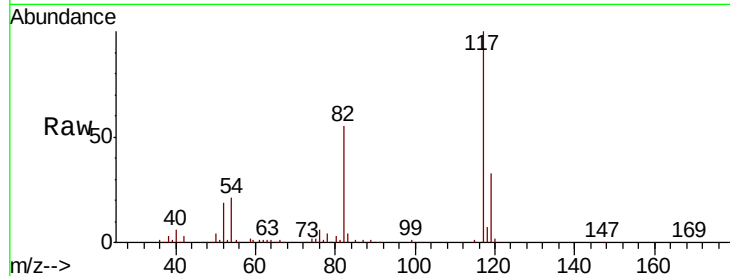




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007541.D
Acq: 14 Dec 2018 17:44

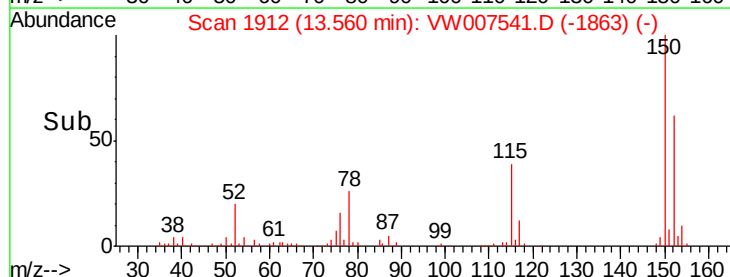
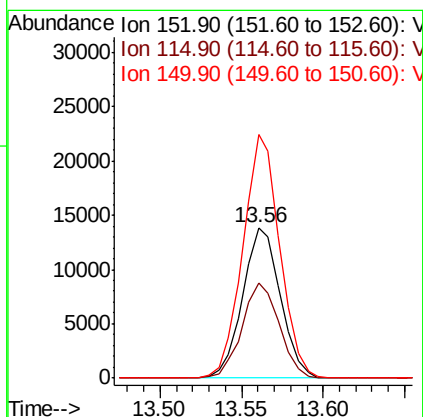
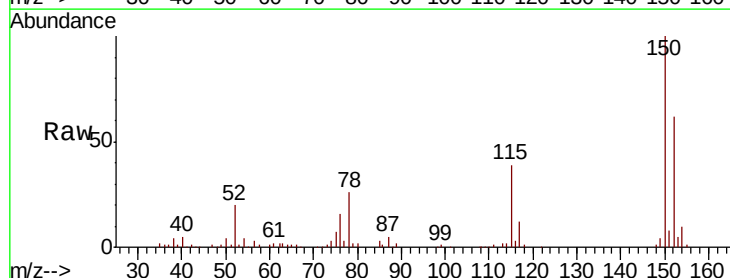
Instrument :
BNA_G
ClientSampleId :
SB-09ARE

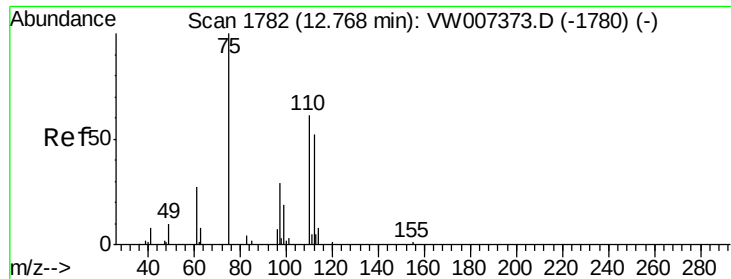
Tgt Ion:117 Resp: 74497
Ion Ratio Lower Upper
117 100
82 54.8 42.3 63.5
119 32.9 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007541.D
Acq: 14 Dec 2018 17:44

Tgt Ion:152 Resp: 22291
Ion Ratio Lower Upper
152 100
115 62.4 31.4 94.2
150 157.5 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 73.772 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007541.D

Acq: 14 Dec 2018 17:44

Instrument :

BNA_G

ClientSampleId :

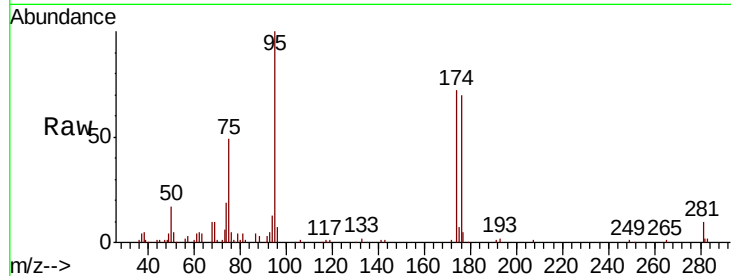
SB-09ARE

Tgt Ion: 75 Resp: 13559

Ion Ratio Lower Upper

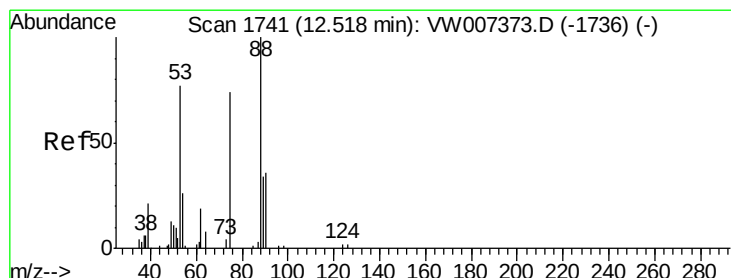
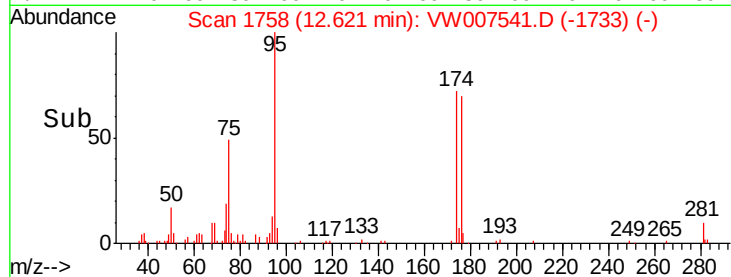
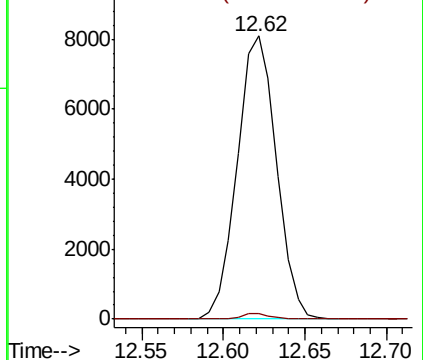
75 100

77 1.5 166.9 500.8#



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: 162.963 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007541.D

Acq: 14 Dec 2018 17:44

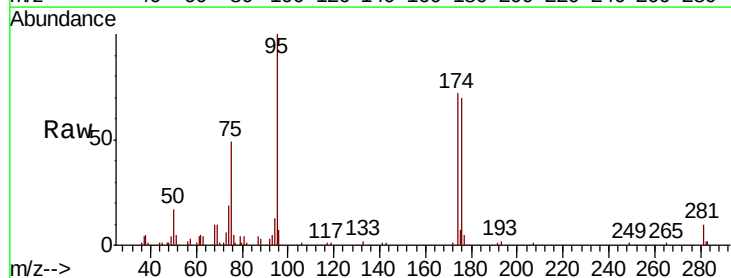
Tgt Ion: 75 Resp: 13559

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



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

