

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007534.D
 Acq On : 14 Dec 2018 14:41
 Operator : SY/AP
 Sample : J6371-04
 Misc : 4.91G/5ML/MSVOA_W/SOIL
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB04-0-2

Quant Time: Dec 15 00:42:21 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	86404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	145744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	45073	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	48650	50.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.50%	
35) Dibromofluoromethane	7.88	113	18442	20.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	41.80%	
50) Toluene-d8	10.32	98	158225	47.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	12.62	95	50037	41.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.28%	

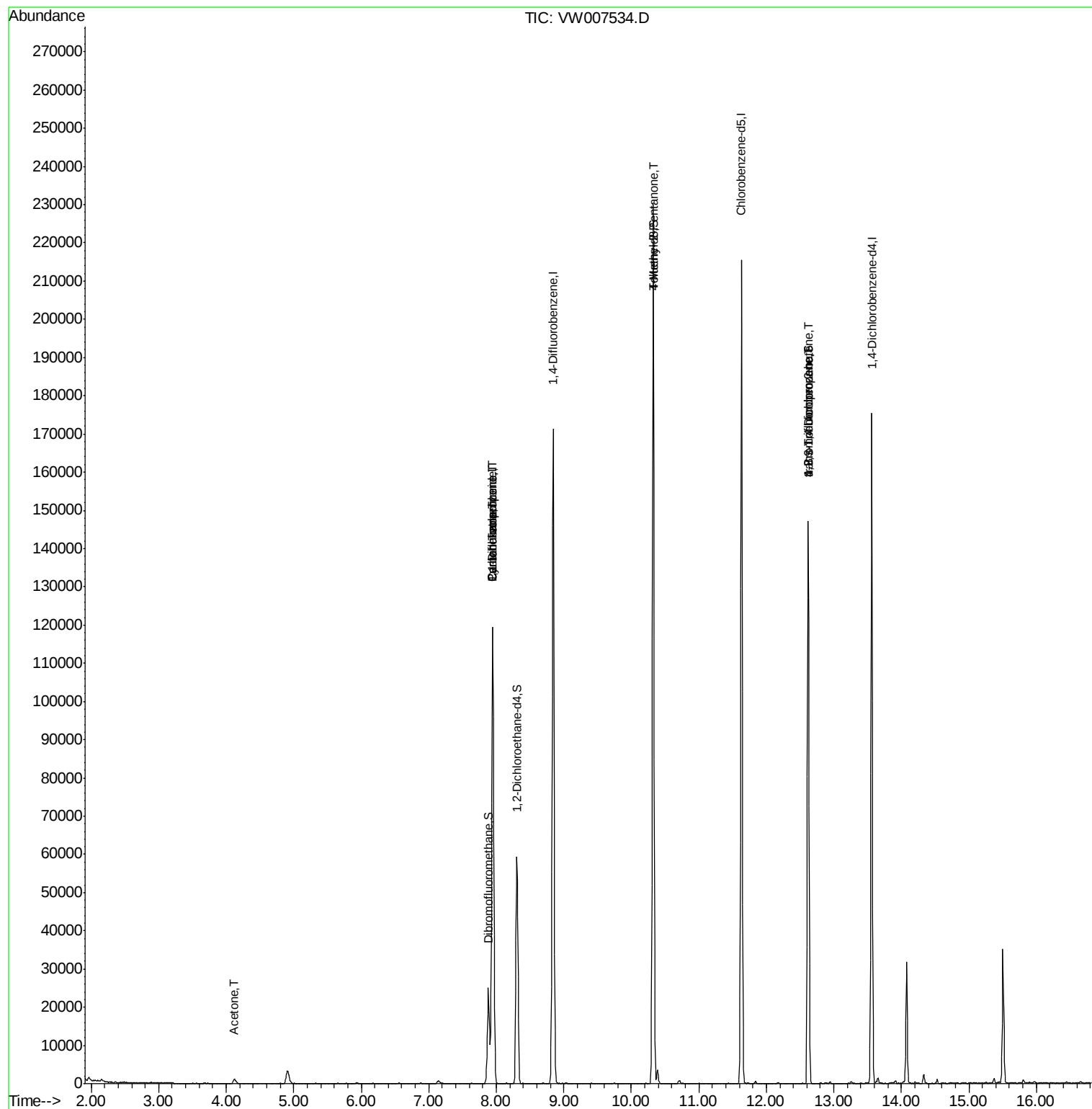
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.11	43	2145	12.811	ug/l #	77
20) Methylene Chloride	4.92	84	2733	Below Cal		96
31) Cyclohexane	7.94	56	1789	1.201	ug/l #	37
36) 1,1-Dichloropropene	7.95	75	6750	5.077	ug/l #	49
38) Carbon Tetrachloride	7.95	117	9586	6.626	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	705	1.528	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	25085	67.498	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	25085	149.104	ug/l #	7

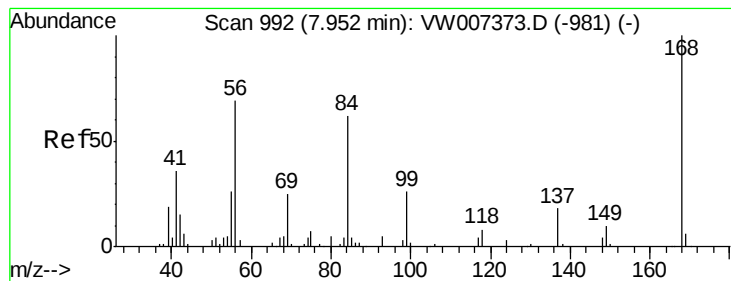
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007534.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

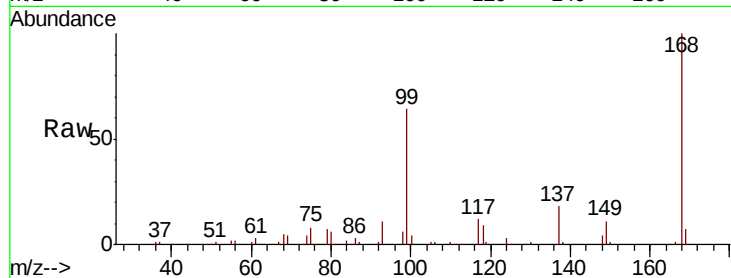
EB04-0-2

Tgt Ion:168 Resp: 86404

Ion Ratio Lower Upper

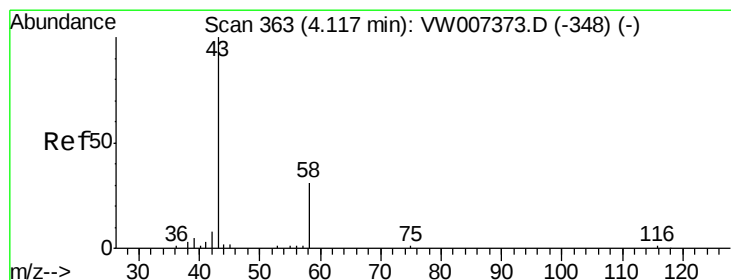
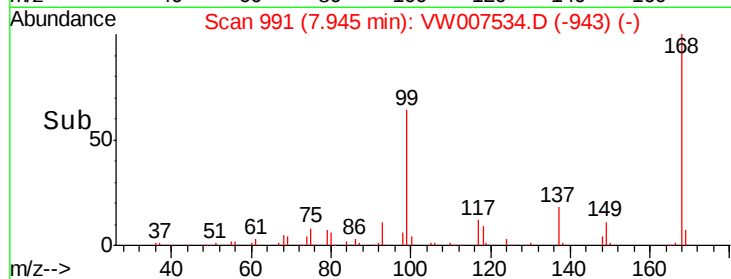
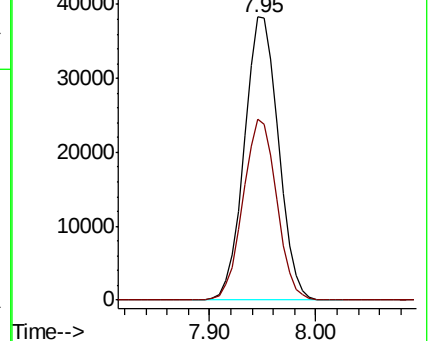
168 100

99 63.8 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: 12.811 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW007534.D

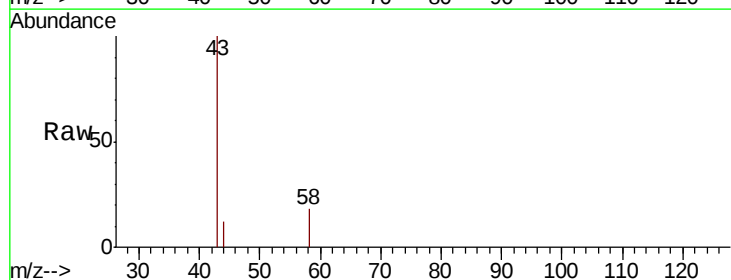
Acq: 14 Dec 2018 14:41

Tgt Ion: 43 Resp: 2145

Ion Ratio Lower Upper

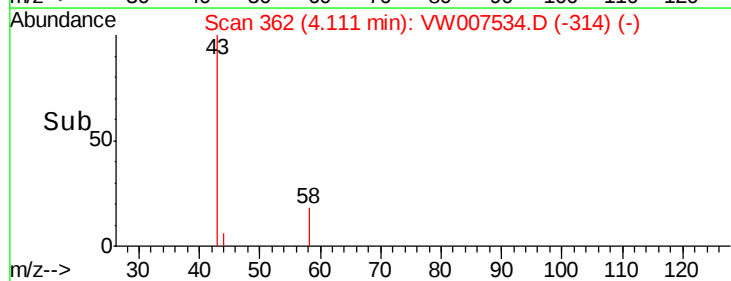
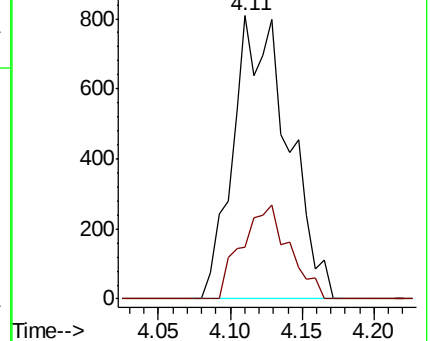
43 100

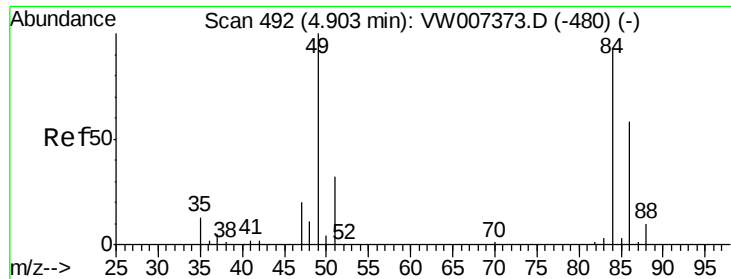
58 18.3 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

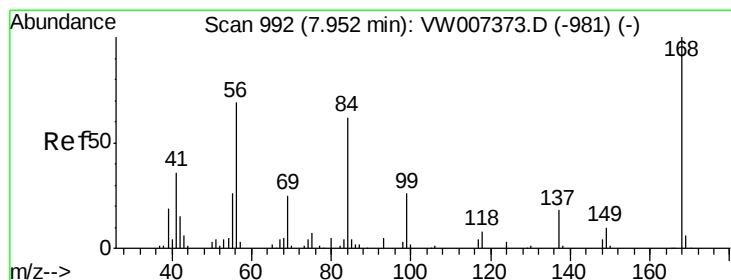
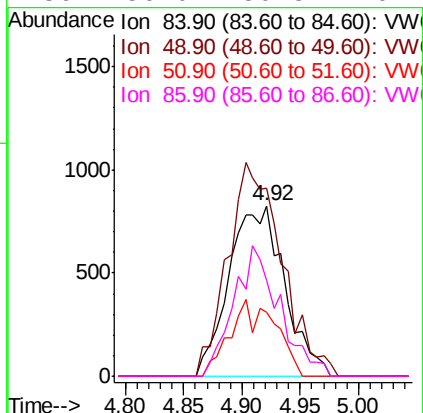
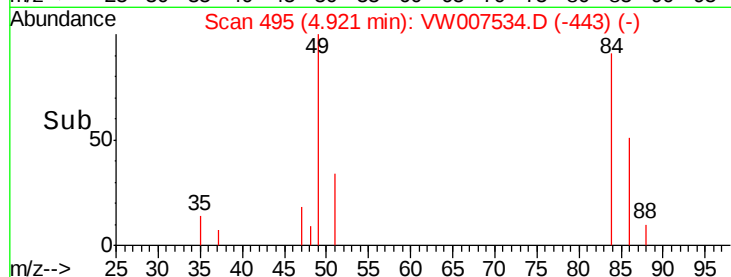
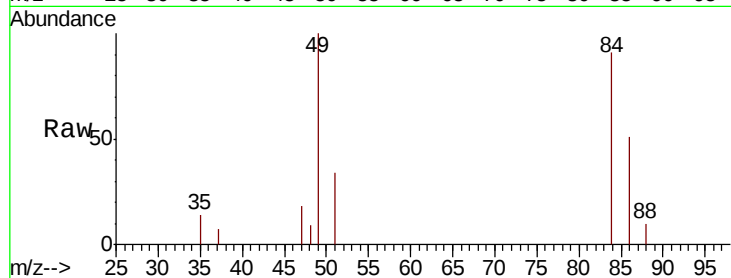




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.02 min
Lab File: VW007534.D
Acq: 14 Dec 2018 14:41

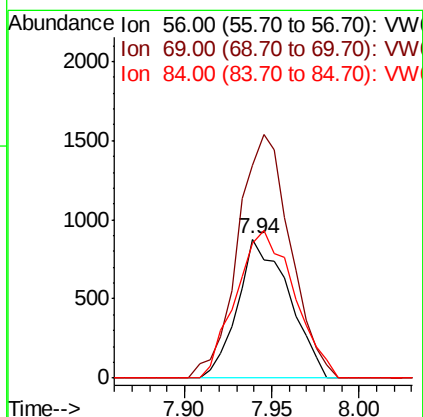
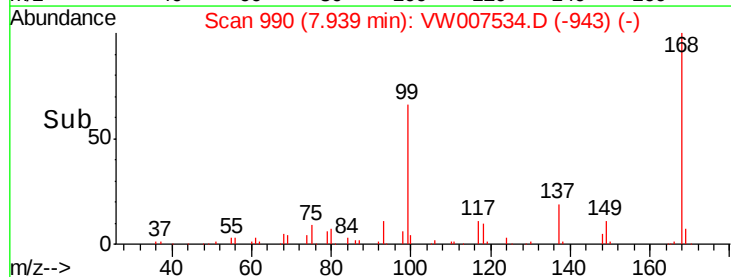
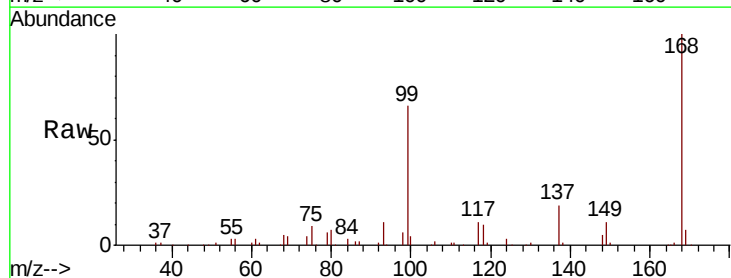
Instrument :
BNA_G
ClientSampleId :
EB04-0-2

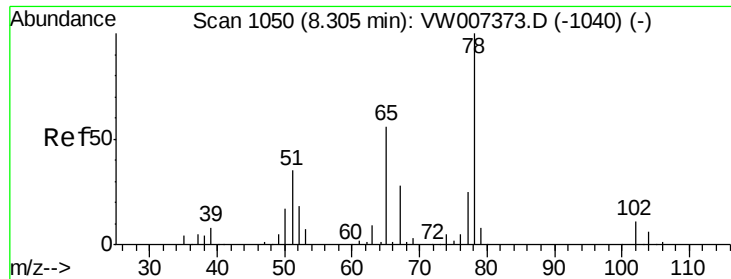
Tgt Ion: 84 Resp: 2733
Ion Ratio Lower Upper
84 100
49 109.9 87.1 130.7
51 37.4 28.2 42.2
86 56.0 50.8 76.2



#31
Cyclohexane
Concen: 1.201 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW007534.D
Acq: 14 Dec 2018 14:41

Tgt Ion: 56 Resp: 1789
Ion Ratio Lower Upper
56 100
69 153.2 28.9 43.3#
84 97.6 71.8 107.6

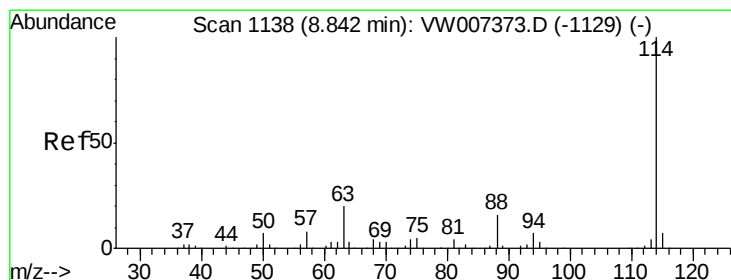
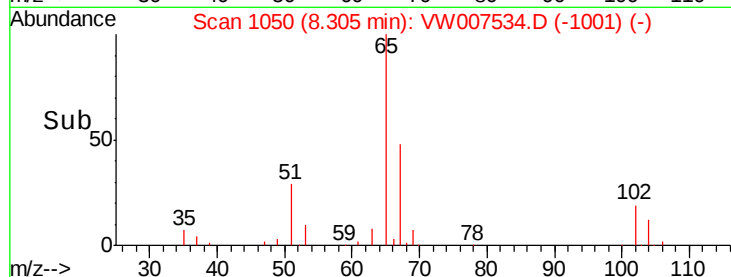
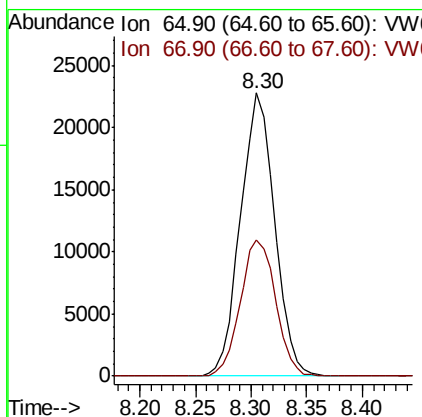
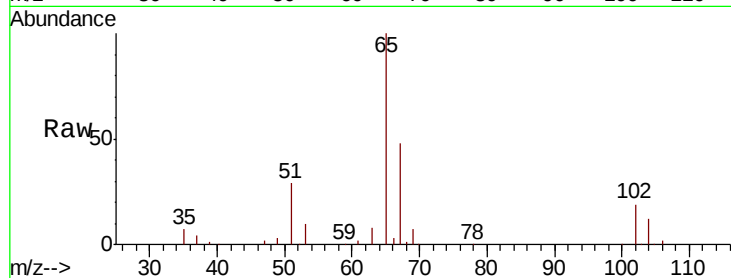




#33
 1,2-Dichloroethane-d4
 Concen: 50.752 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007534.D
 Acq: 14 Dec 2018 14:41

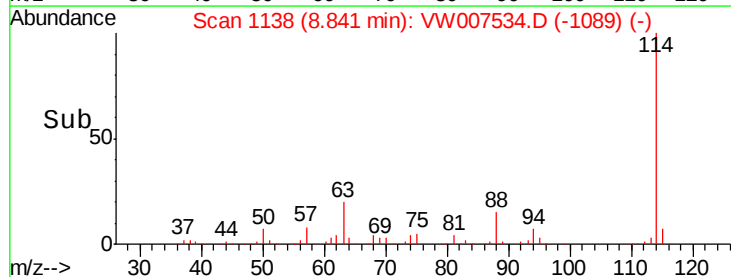
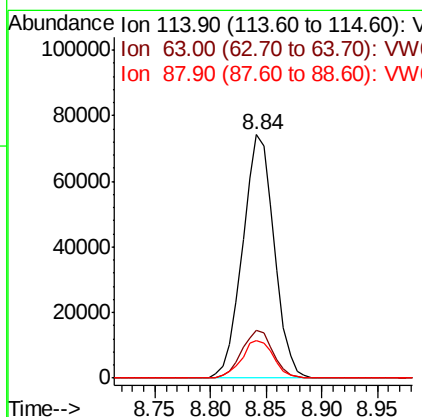
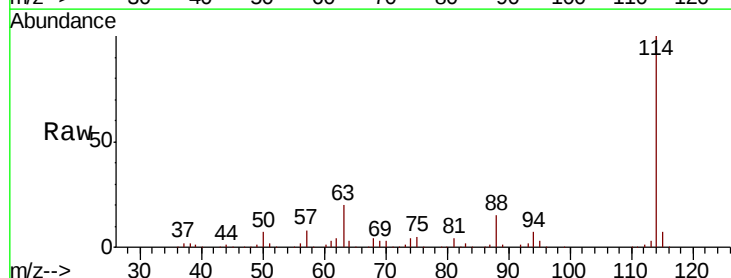
Instrument :
 BNA_G
 ClientSampleId :
 EB04-0-2

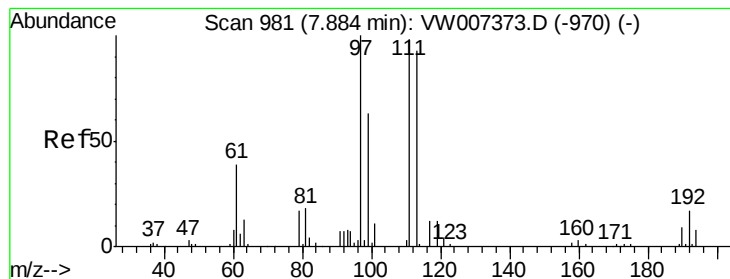
Tgt Ion: 65 Resp: 48650
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007534.D
 Acq: 14 Dec 2018 14:41

Tgt Ion: 114 Resp: 145744
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 20.903 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007534.D

Acq: 14 Dec 2018 14:41

Instrument :

BNA_G

ClientSampleId :

EB04-0-2

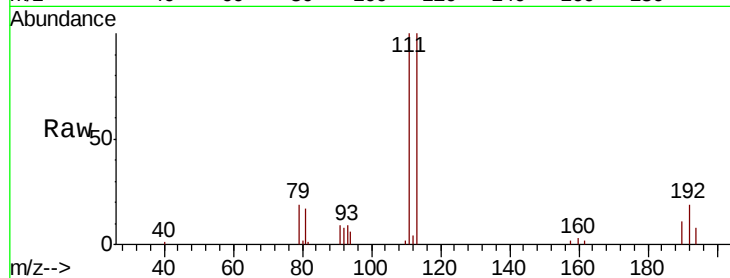
Tgt Ion:113 Resp: 18442

Ion Ratio Lower Upper

113 100

111 101.1 81.1 121.7

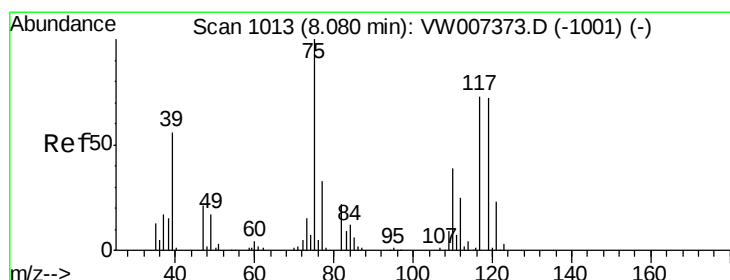
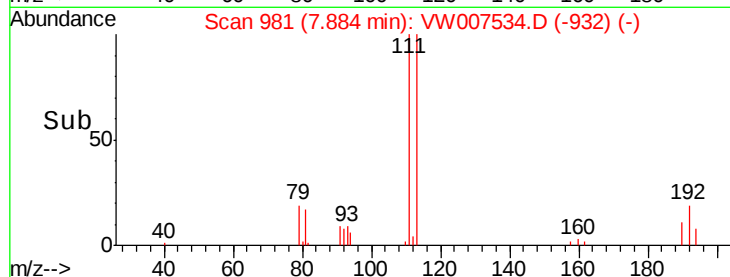
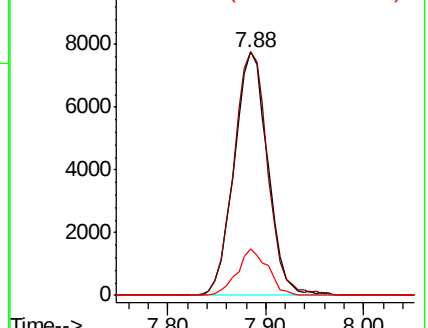
192 17.4 14.6 21.8



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: 5.077 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007534.D

Acq: 14 Dec 2018 14:41

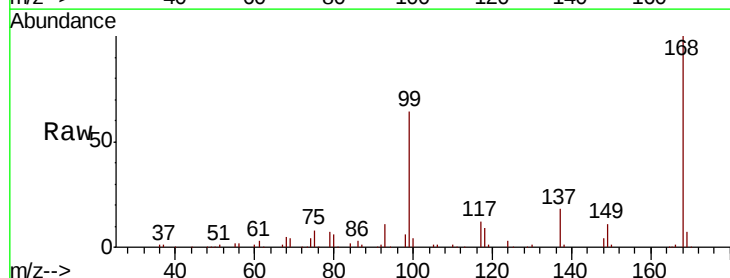
Tgt Ion: 75 Resp: 6750

Ion Ratio Lower Upper

75 100

110 10.0 18.5 55.5#

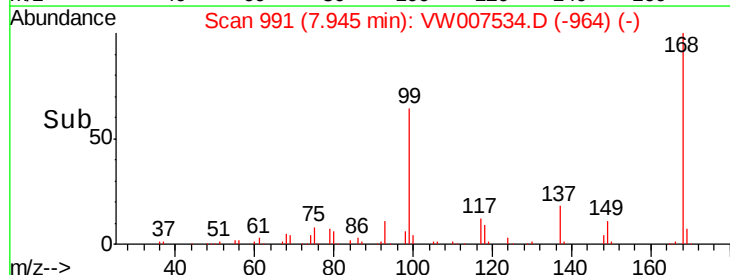
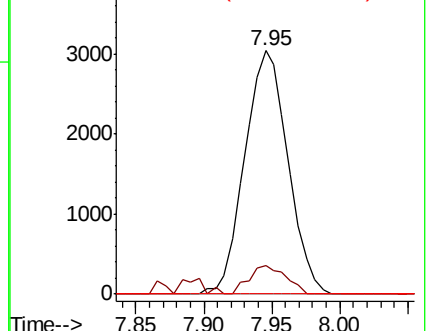
77 0.0 25.6 38.4#

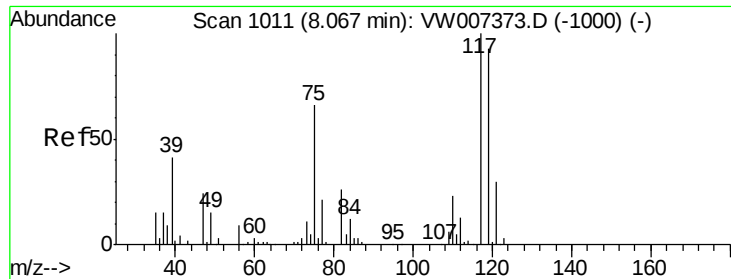


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

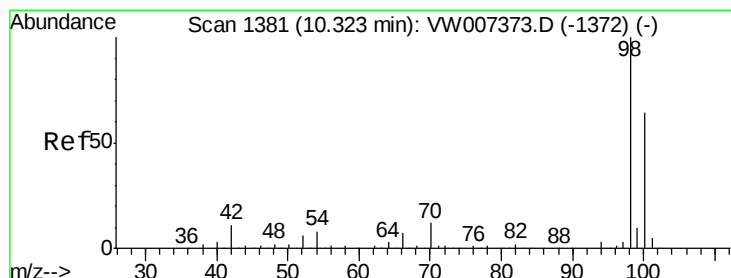
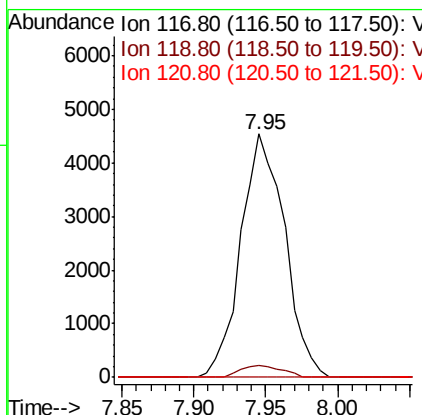
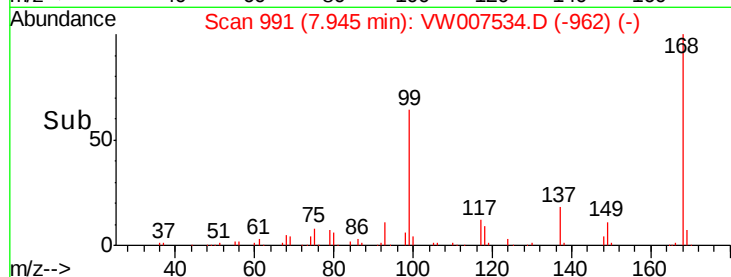
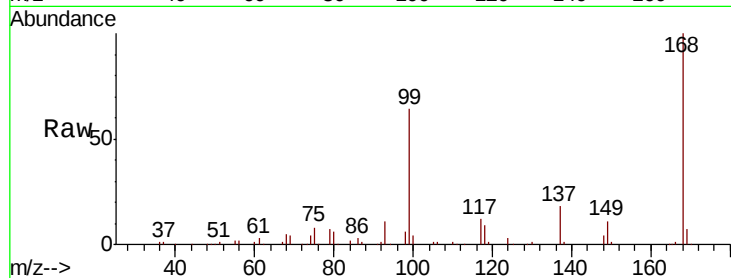




#38
Carbon Tetrachloride
Concen: 6.626 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007534.D
Acq: 14 Dec 2018 14:41

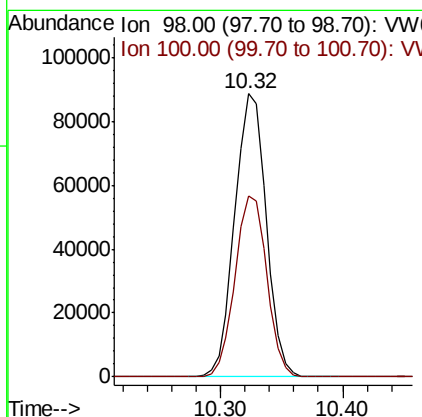
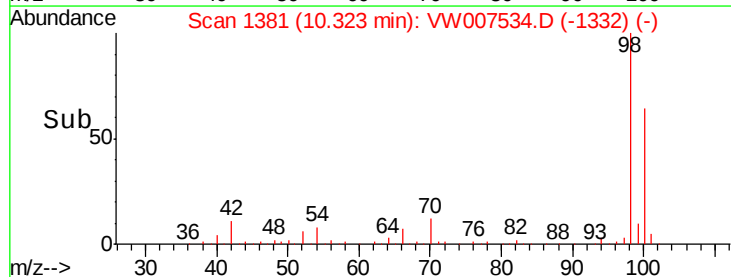
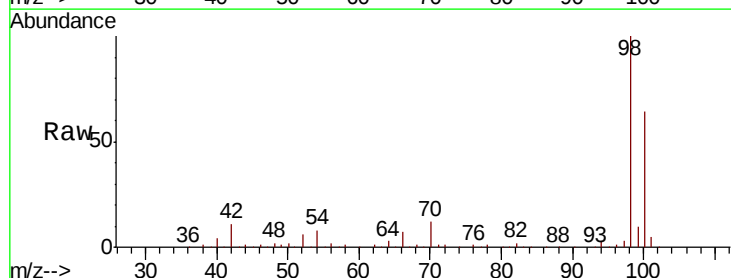
Instrument :
BNA_G
ClientSampleId :
EB04-0-2

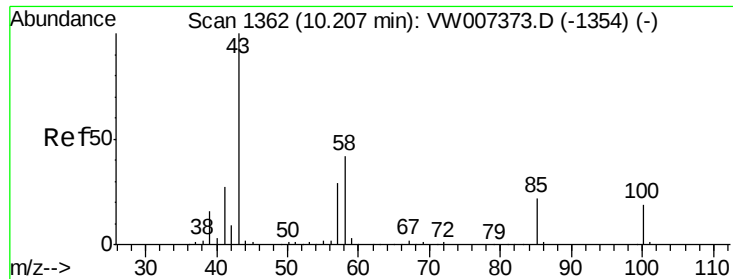
Tgt Ion:117 Resp: 9586
Ion Ratio Lower Upper
117 100
119 5.1 74.3 111.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 47.832 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007534.D
Acq: 14 Dec 2018 14:41

Tgt Ion: 98 Resp: 158225
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8

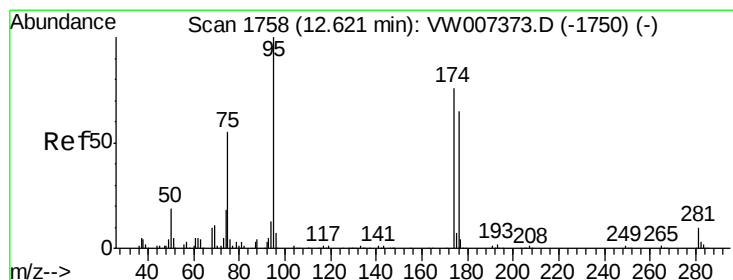
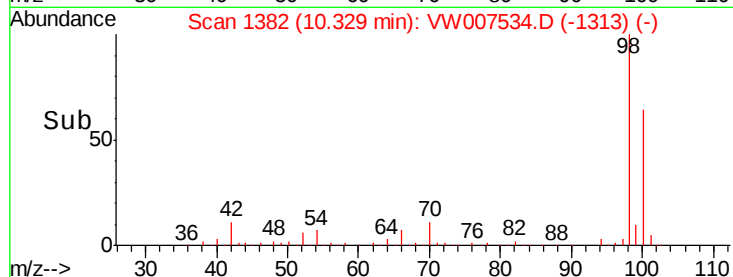
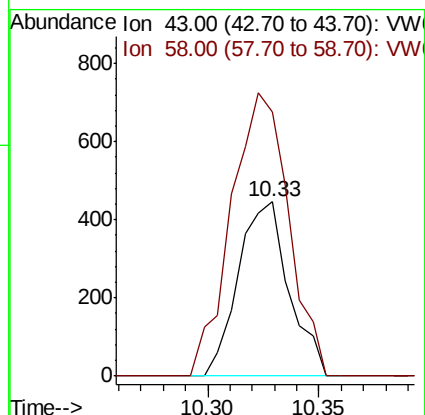
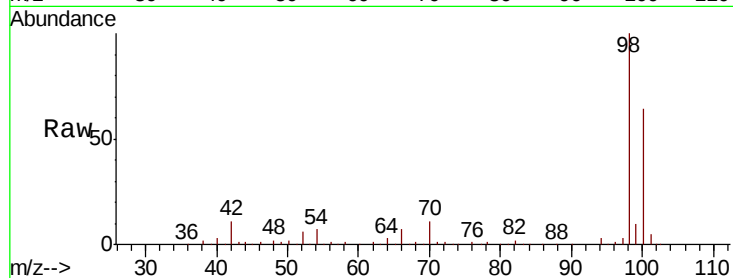




#51
 4-Methyl-2-Pentanone
 Concen: 1.528 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.12 min
 Lab File: VW007534.D
 Acq: 14 Dec 2018 14:41

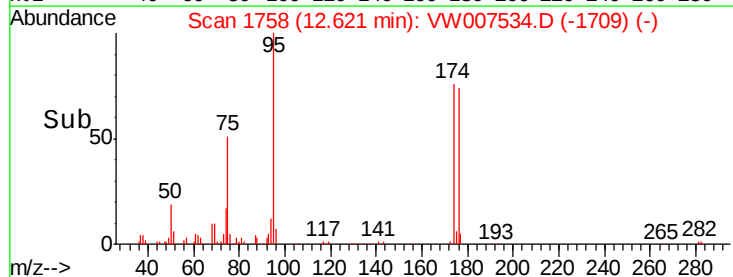
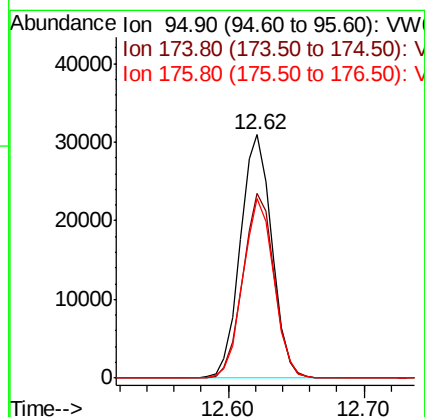
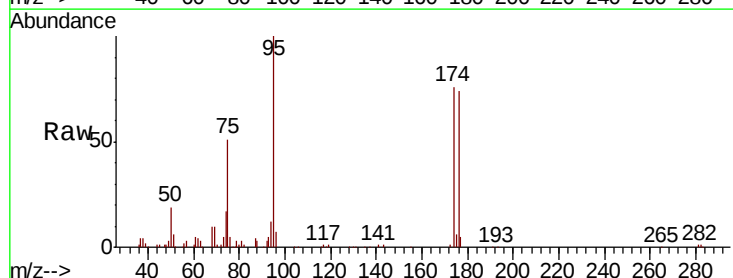
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 ClientSampleId :
 EB04-0-2

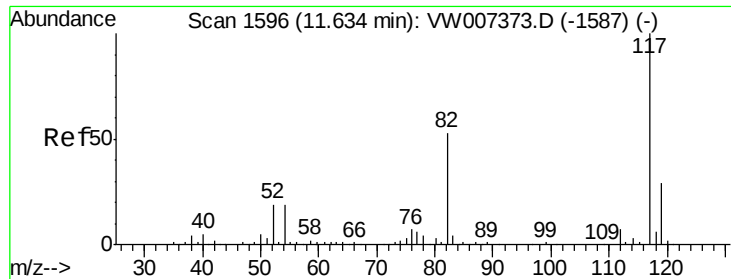
Tgt Ion: 43 Resp: 705
 Ion Ratio Lower Upper
 43 100
 58 184.4 33.1 49.7#



#62
 4-Bromofluorobenzene
 Concen: 41.141 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007534.D
 Acq: 14 Dec 2018 14:41

Tgt Ion: 95 Resp: 50037
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 147.2
 176 72.9 0.0 138.8

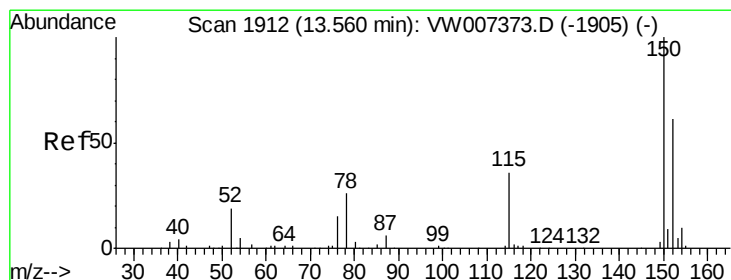
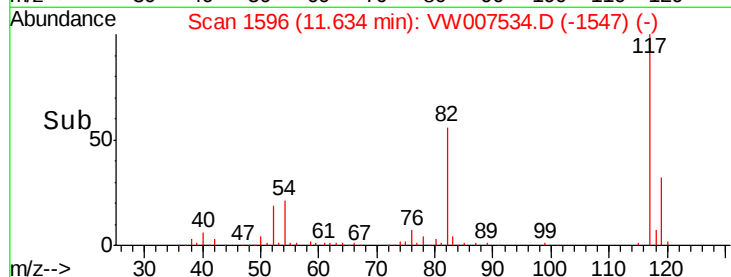
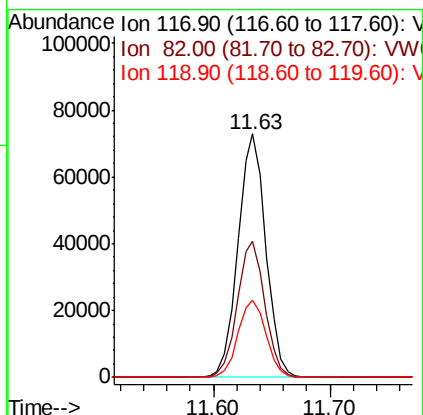
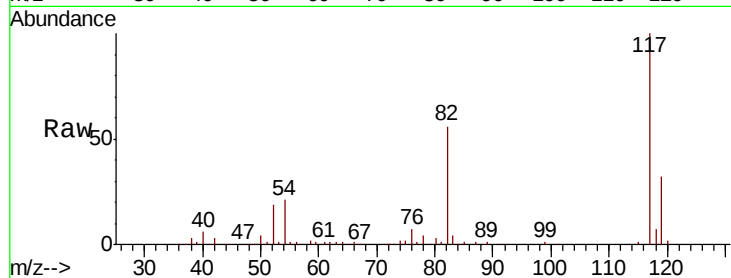




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007534.D
Acq: 14 Dec 2018 14:41

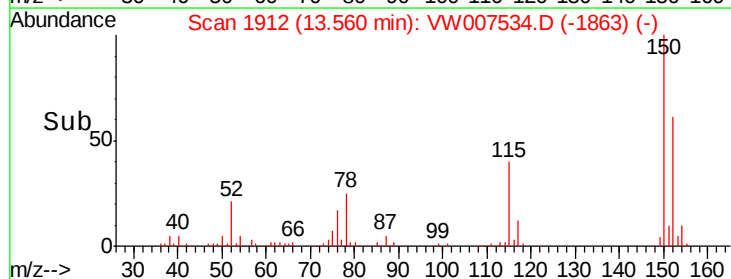
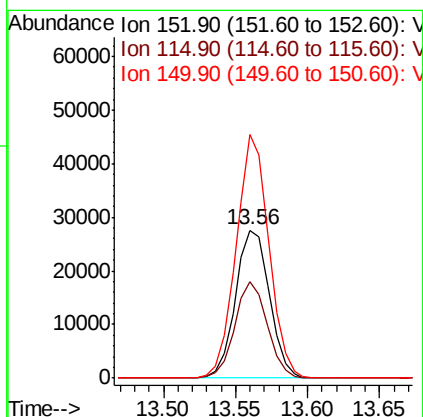
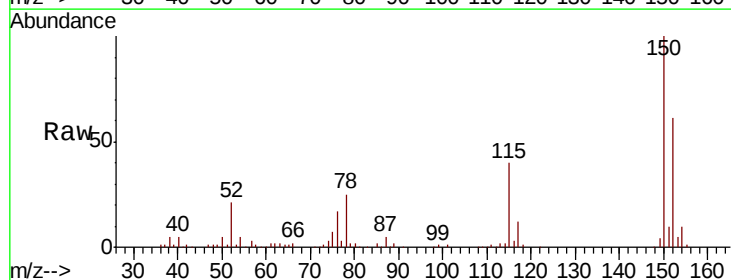
Instrument :
BNA_G
ClientSampleId :
EB04-0-2

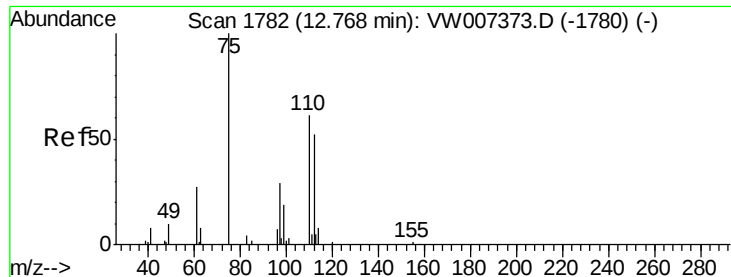
Tgt Ion:117 Resp: 120803
Ion Ratio Lower Upper
117 100
82 55.8 42.3 63.5
119 31.6 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007534.D
Acq: 14 Dec 2018 14:41

Tgt Ion:152 Resp: 45073
Ion Ratio Lower Upper
152 100
115 62.6 31.4 94.2
150 158.5 0.0 358.4

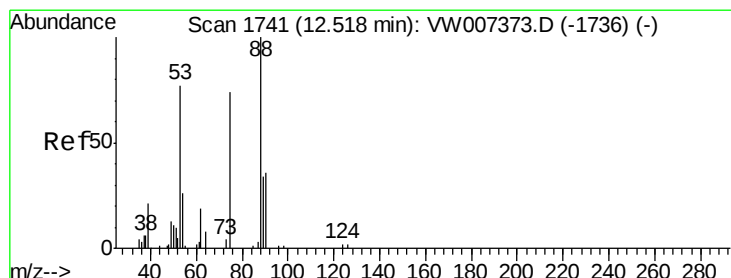
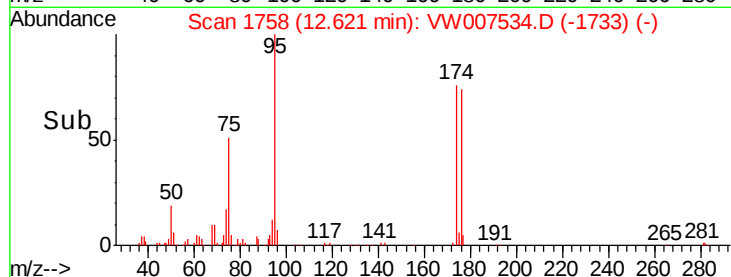
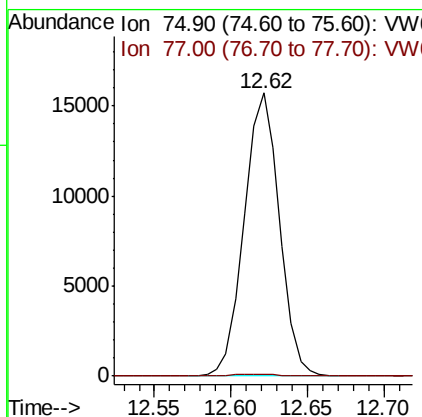
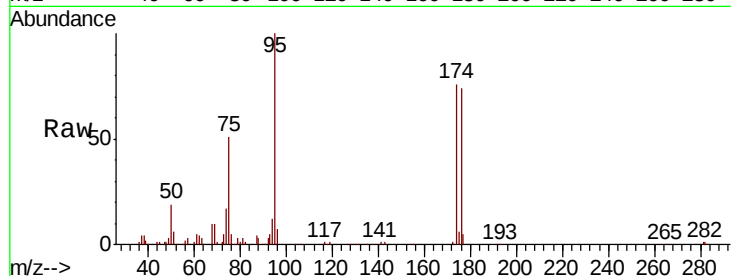




#76
 1,2,3-Trichloropropane
 Concen: 67.498 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007534.D
 Acq: 14 Dec 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 EB04-0-2

Tgt Ion: 75 Resp: 25085
 Ion Ratio Lower Upper
 75 100
 77 0.8 166.9 500.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 149.104 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007534.D
 Acq: 14 Dec 2018 14:41

Tgt Ion: 75 Resp: 25085
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.0 40.3 60.5#

