

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007540.D
 Acq On : 14 Dec 2018 17:18
 Operator : SY/AP
 Sample : J6357-07RE
 Misc : 3.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-08BRE

Quant Time: Dec 15 00:43:10 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	60007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	87120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	57083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	12987	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	40852	61.36	ug/l	0.00
Spiked Amount			Recovery	=	122.72%	
35) Dibromofluoromethane	7.88	113	38107	72.26	ug/l	0.00
Spiked Amount			Recovery	=	144.52%	
50) Toluene-d8	10.32	98	95276	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.62	95	18357	25.25	ug/l	0.00
Spiked Amount			Recovery	=	50.50%	

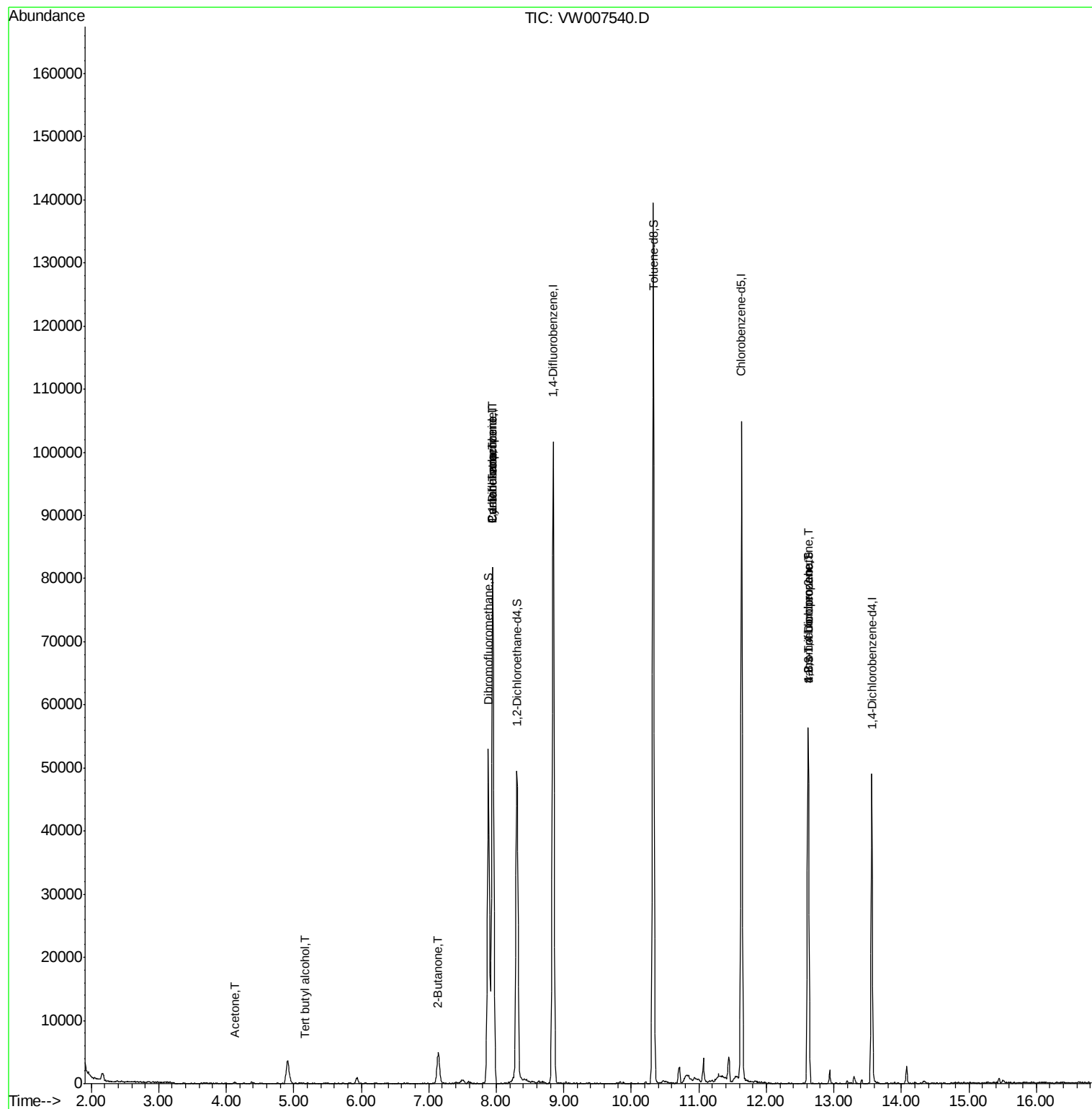
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	91	1.990	ug/l #	74
16) Acetone	4.12	43	456	3.921	ug/l #	85
25) 2-Butanone	7.15	43	222	1.462	ug/l #	45
31) Cyclohexane	7.94	56	1259	1.217	ug/l #	40
36) 1,1-Dichloropropene	7.95	75	4599	5.787	ug/l #	48
38) Carbon Tetrachloride	7.95	117	6297	7.282	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	9010	84.142	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	9010	185.869	ug/l #	7

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

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Quant Time: Dec 15 00:43:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007540.D

Acq: 14 Dec 2018 17:18

Instrument :

BNA_G

ClientSampleId :

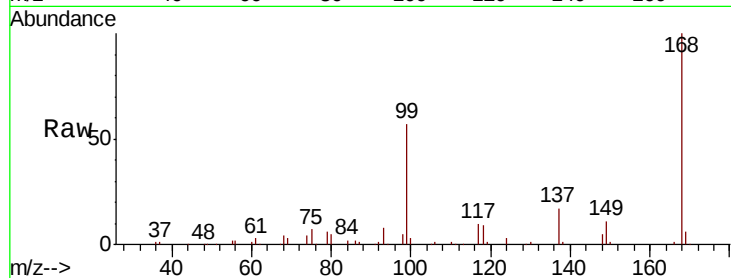
SB-08BRE

Tgt Ion:168 Resp: 60007

Ion Ratio Lower Upper

168 100

99 57.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

15000

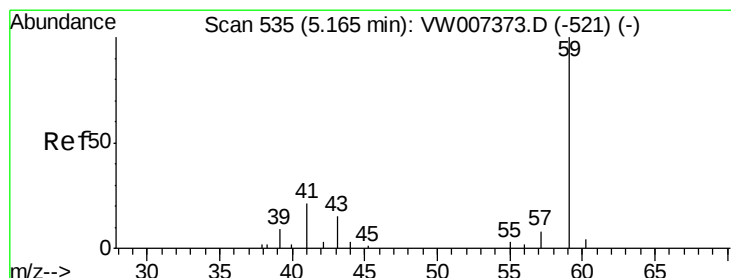
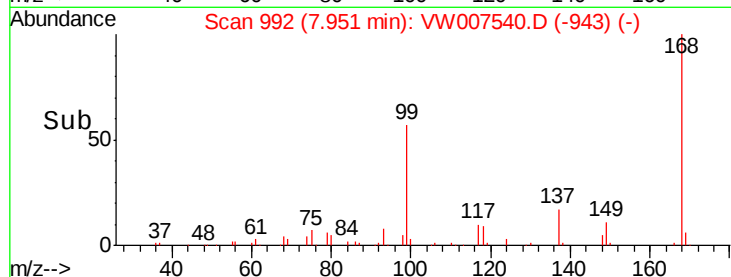
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 1.990 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.00 min

Lab File: VW007540.D

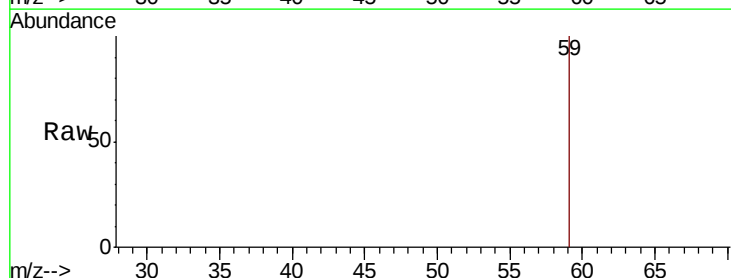
Acq: 14 Dec 2018 17:18

Tgt Ion: 59 Resp: 91

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

80

60

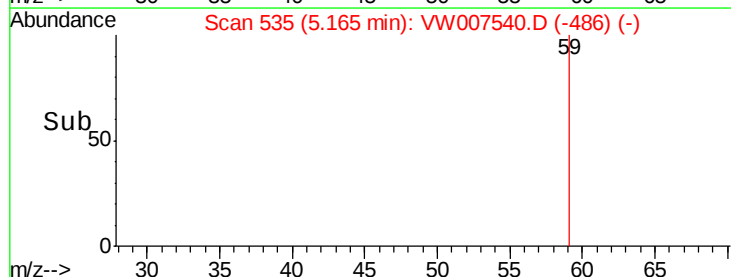
40

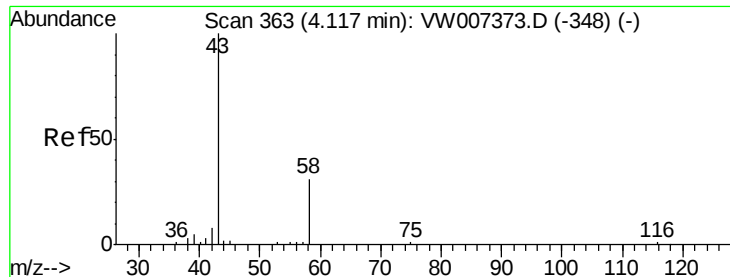
20

0

5.14 5.16 5.18 5.20

Time-->





#16

Acetone

Concen: 3.921 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007540.D

Acq: 14 Dec 2018 17:18

Instrument :

BNA_G

ClientSampleId :

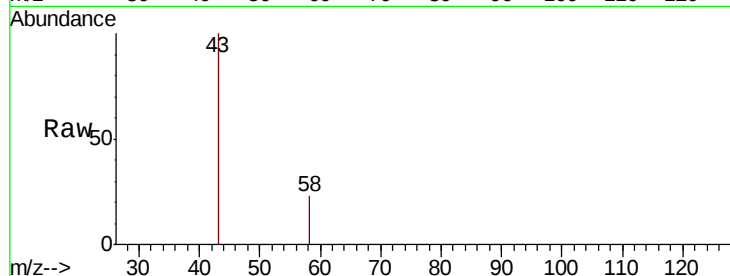
SB-08BRE

Tgt Ion: 43 Resp: 456

Ion Ratio Lower Upper

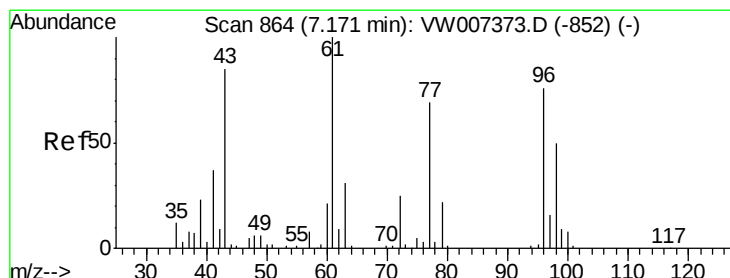
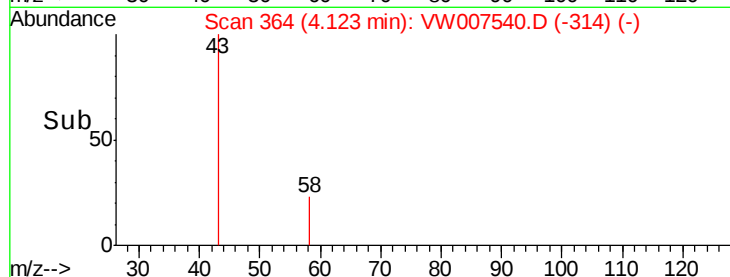
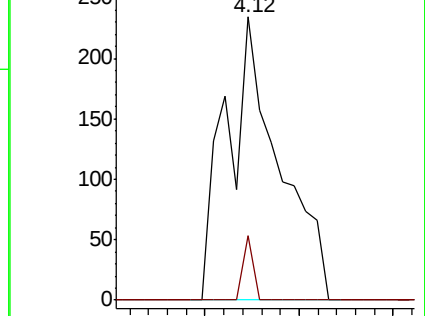
43 100

58 22.6 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 1.462 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW007540.D

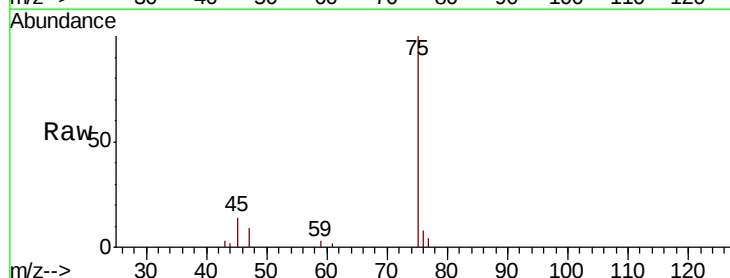
Acq: 14 Dec 2018 17:18

Tgt Ion: 43 Resp: 222

Ion Ratio Lower Upper

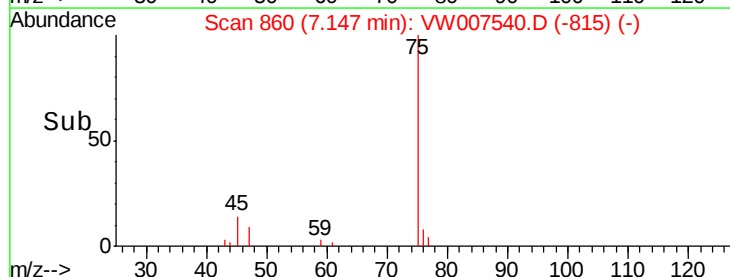
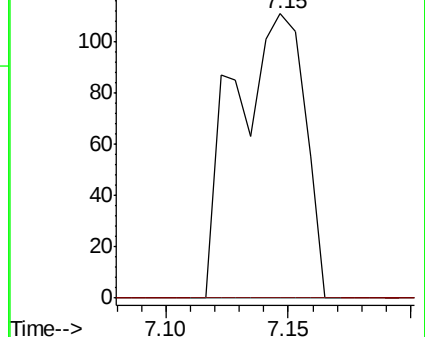
43 100

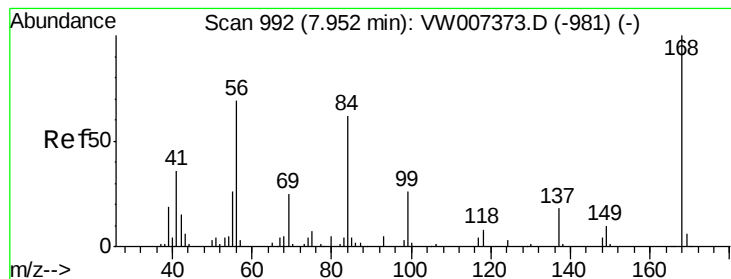
72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.217 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007540.D

Acq: 14 Dec 2018 17:18

Instrument :

BNA_G

ClientSampled :

SB-08BRE

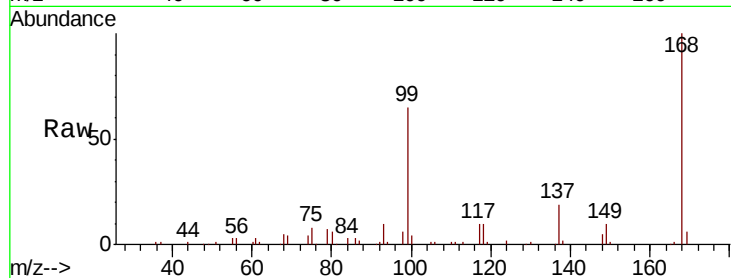
Tgt Ion: 56 Resp: 1259

Ion Ratio Lower Upper

56 100

69 139.4 28.9 43.3#

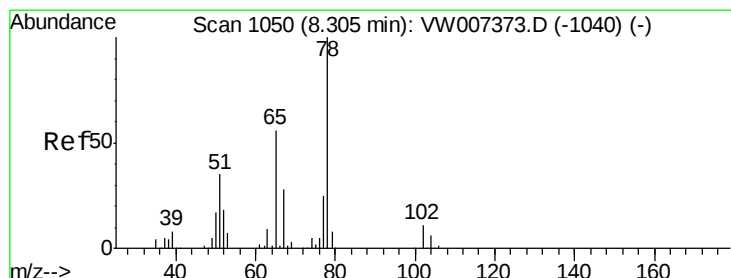
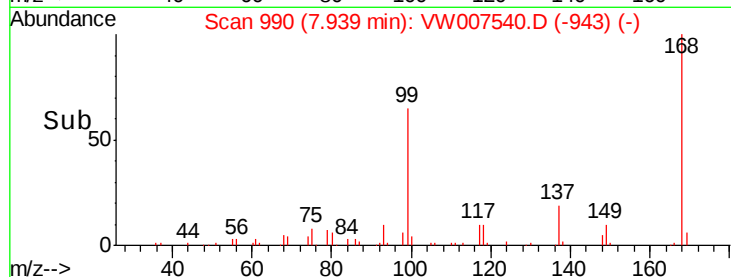
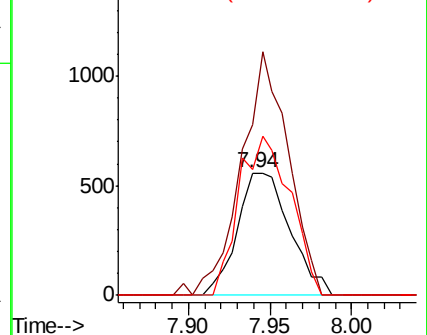
84 102.5 71.8 107.6



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: 61.364 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007540.D

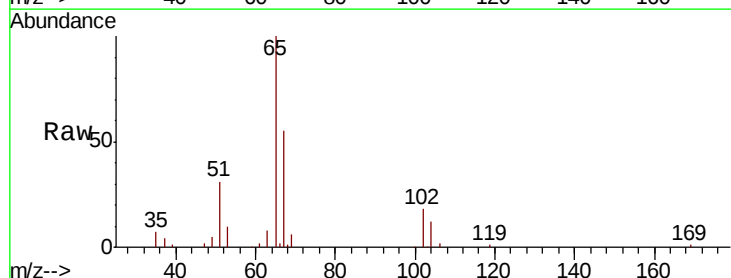
Acq: 14 Dec 2018 17:18

Tgt Ion: 65 Resp: 40852

Ion Ratio Lower Upper

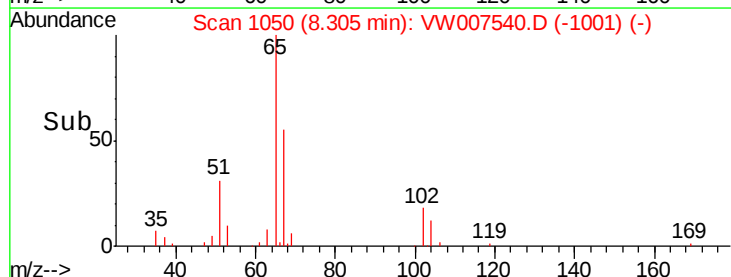
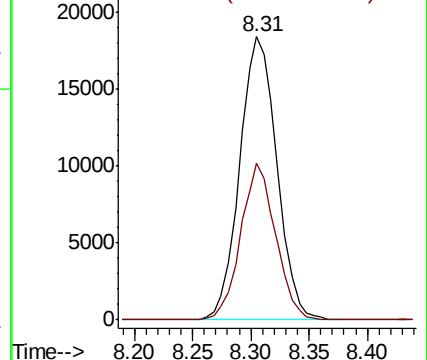
65 100

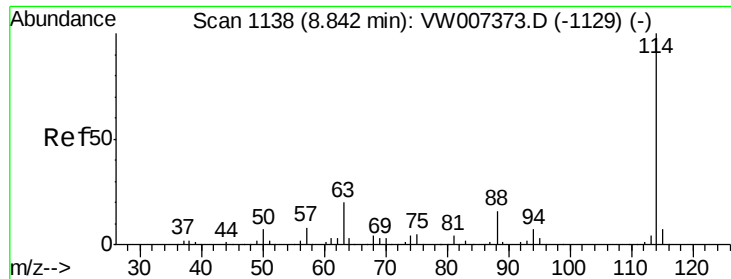
67 51.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

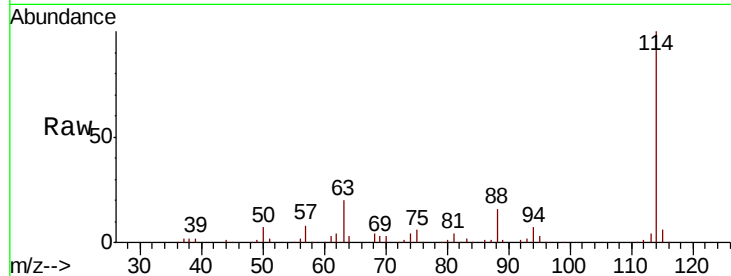




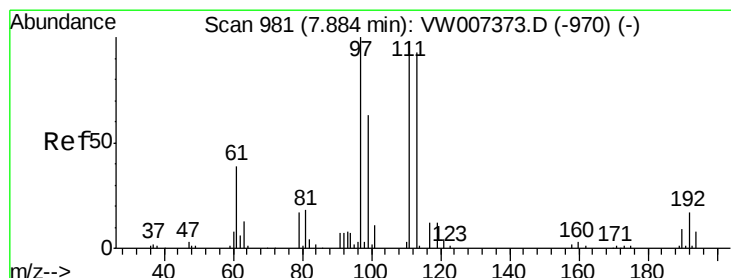
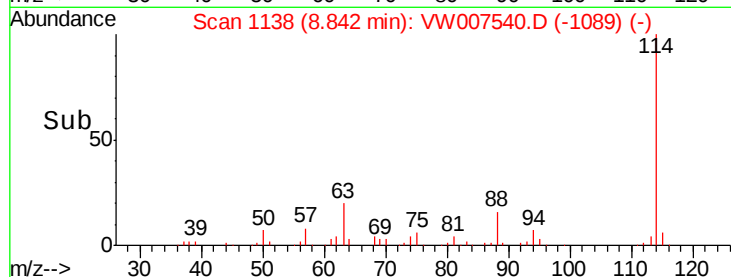
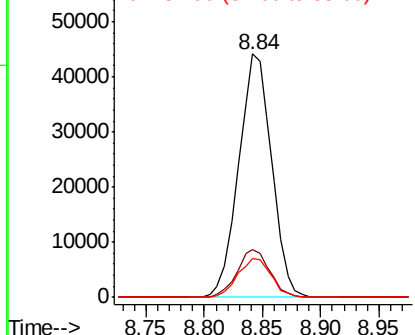
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007540.D
 Acq: 14 Dec 2018 17:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-08BRE

Tgt Ion:114 Resp: 87120
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 16.0 0.0 31.4

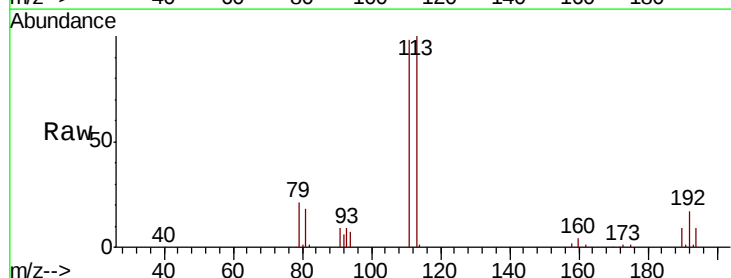


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

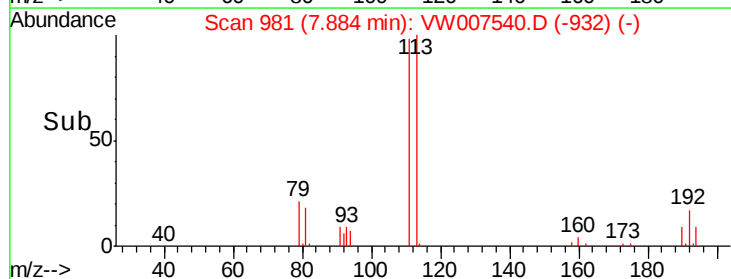
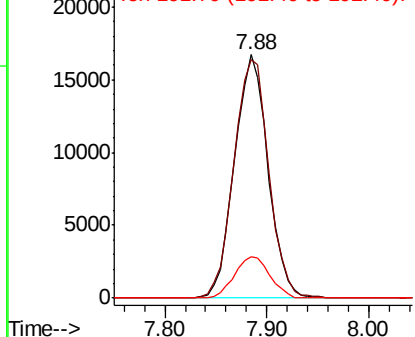


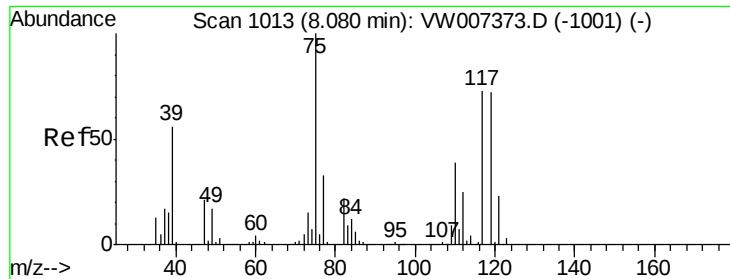
#35
 Dibromofluoromethane
 Concen: 72.258 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007540.D
 Acq: 14 Dec 2018 17:18

Tgt Ion:113 Resp: 38107
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.1 121.7
 192 17.8 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

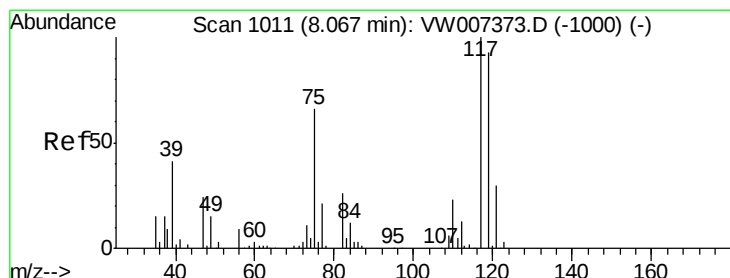
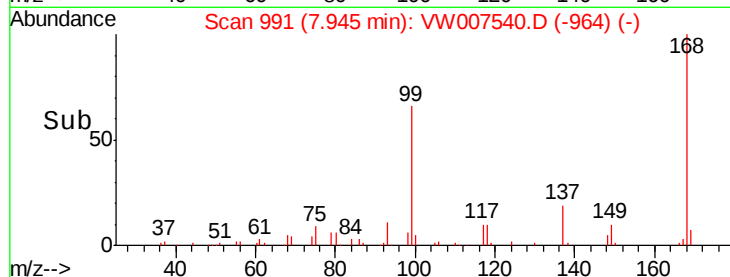
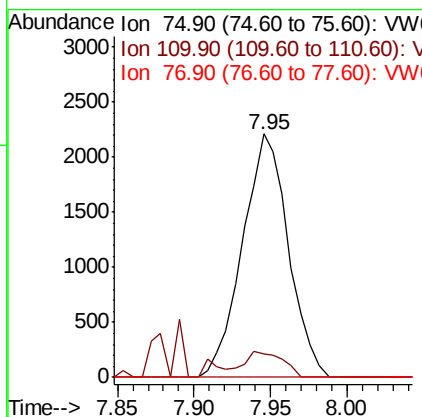
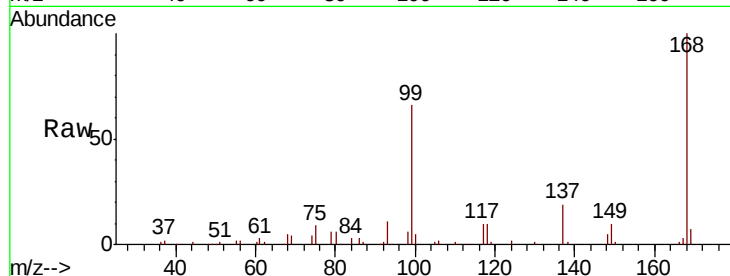




#36
 1,1-Dichloropropene
 Concen: 5.787 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007540.D
 Acq: 14 Dec 2018 17:18

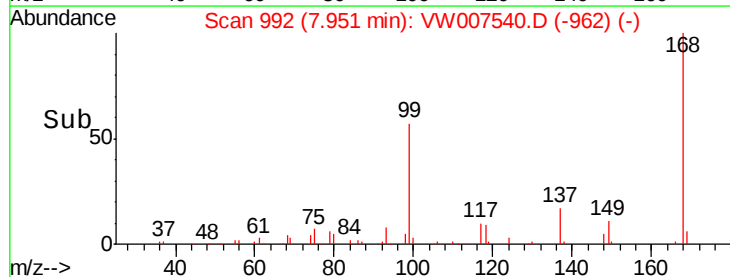
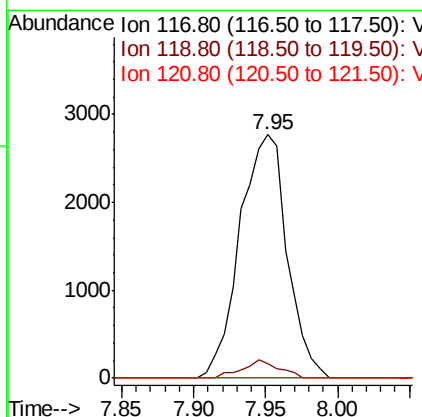
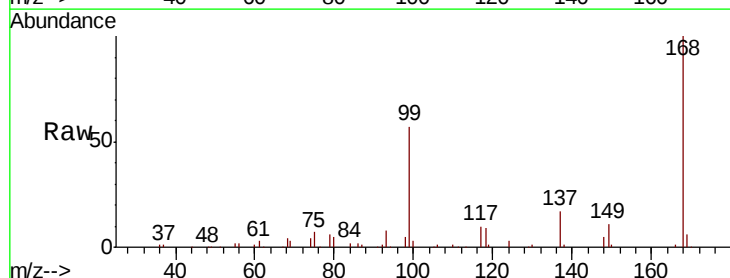
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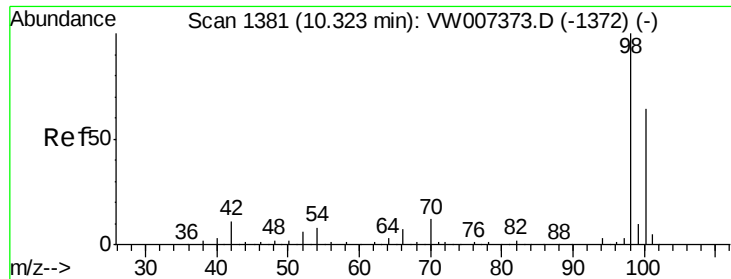
Tgt Ion: 75 Resp: 4599
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.5 55.5#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 7.282 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007540.D
 Acq: 14 Dec 2018 17:18

Tgt Ion: 117 Resp: 6297
 Ion Ratio Lower Upper
 117 100
 119 5.9 74.3 111.5#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 48.184 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007540.D

Acq: 14 Dec 2018 17:18

Instrument :

BNA_G

ClientSampleId :

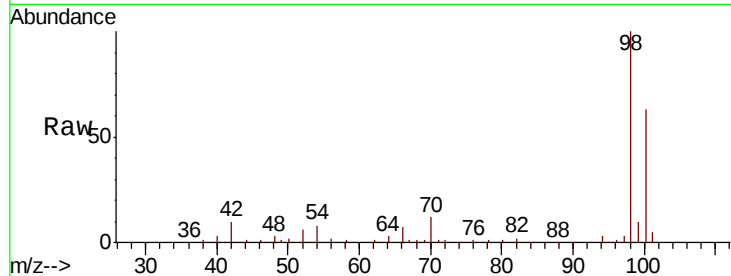
SB-08BRE

Tgt Ion: 98 Resp: 95276

Ion Ratio Lower Upper

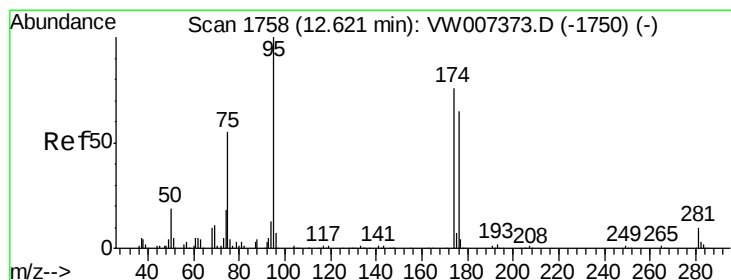
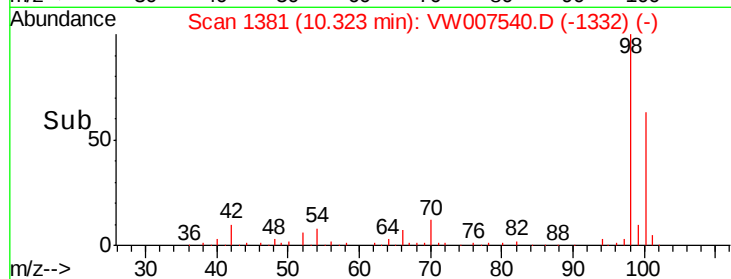
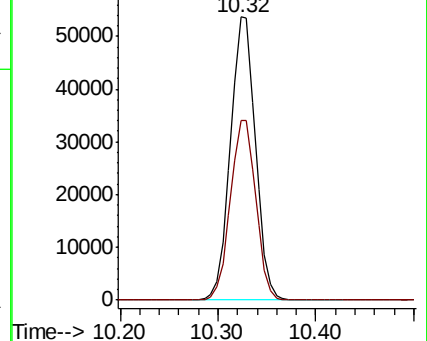
98 100

100 64.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 25.250 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007540.D

Acq: 14 Dec 2018 17:18

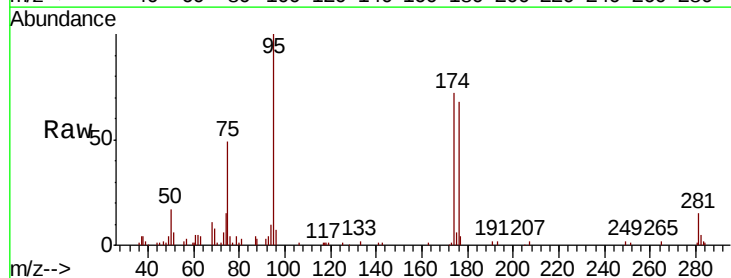
Tgt Ion: 95 Resp: 18357

Ion Ratio Lower Upper

95 100

174 73.4 0.0 147.2

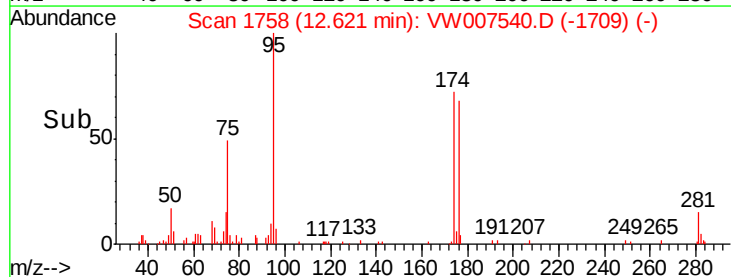
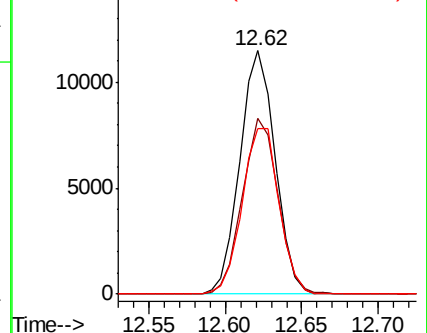
176 71.2 0.0 138.8

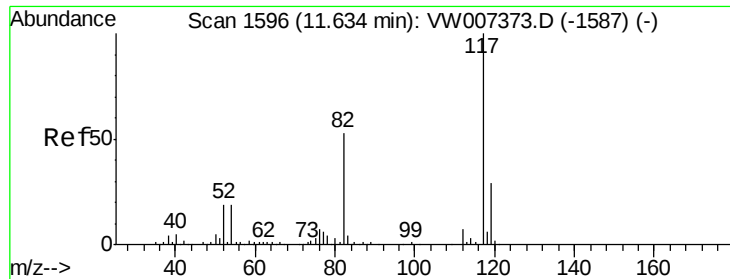


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

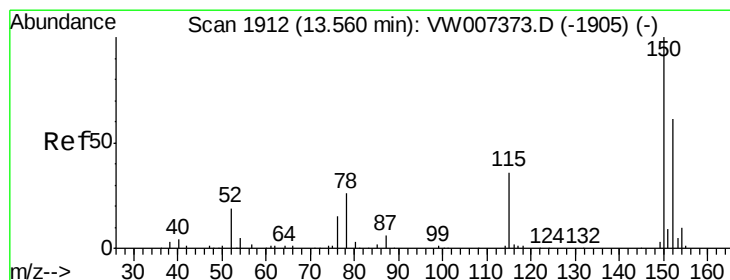
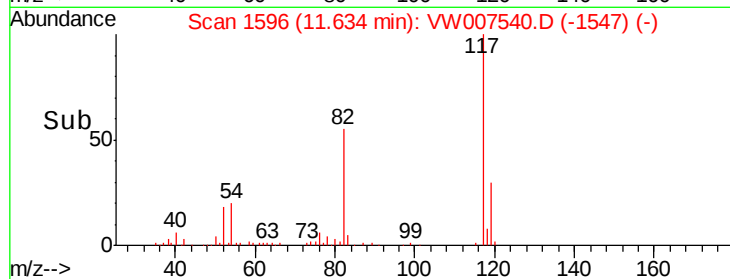
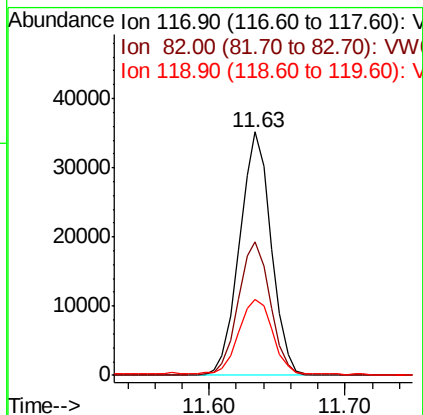
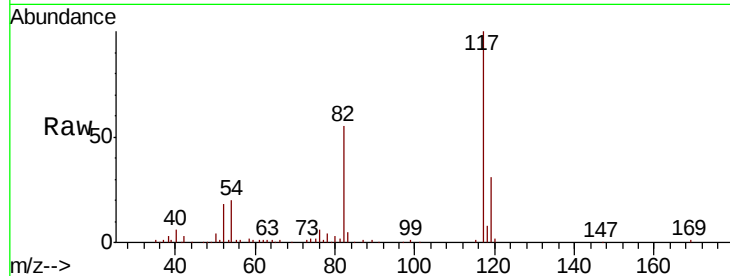




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007540.D
Acq: 14 Dec 2018 17:18

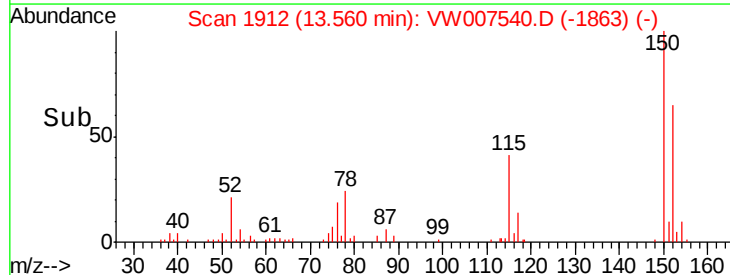
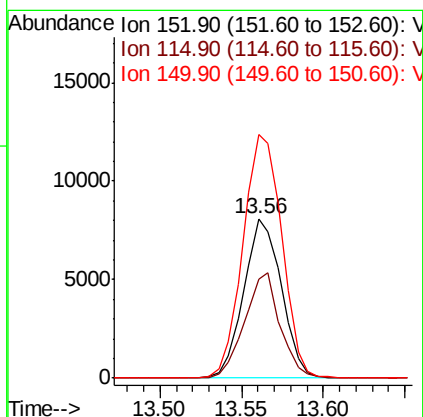
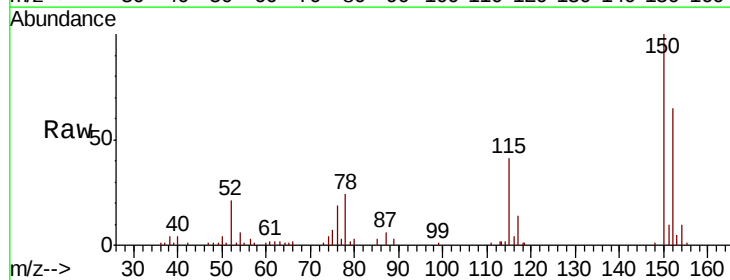
Instrument :
BNA_G
ClientSampleId :
SB-08BRE

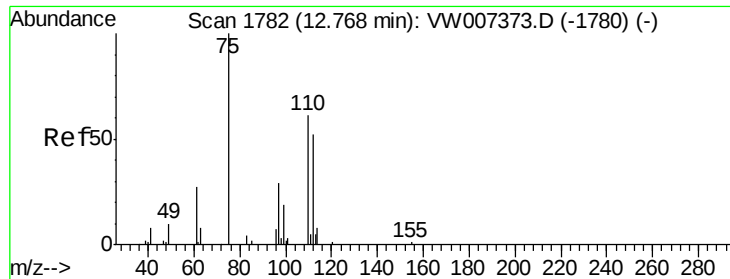
Tgt Ion:117 Resp: 57083
Ion Ratio Lower Upper
117 100
82 55.0 42.3 63.5
119 30.5 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007540.D
Acq: 14 Dec 2018 17:18

Tgt Ion:152 Resp: 12987
Ion Ratio Lower Upper
152 100
115 62.6 31.4 94.2
150 158.1 0.0 358.4

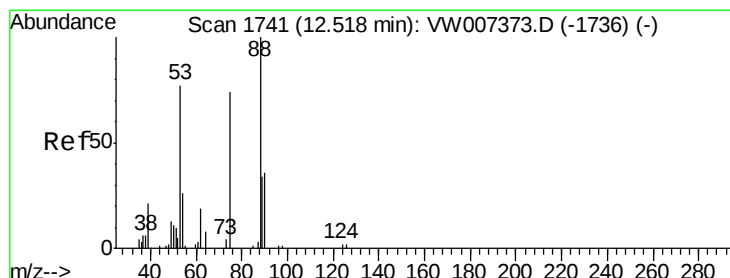
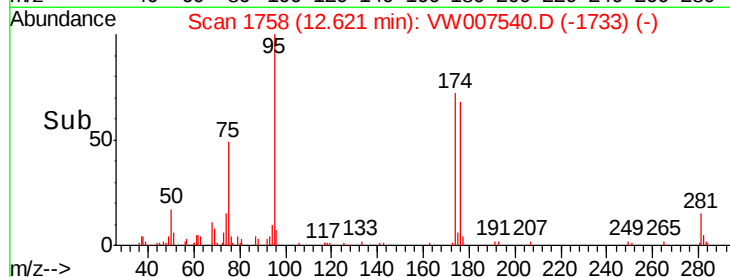
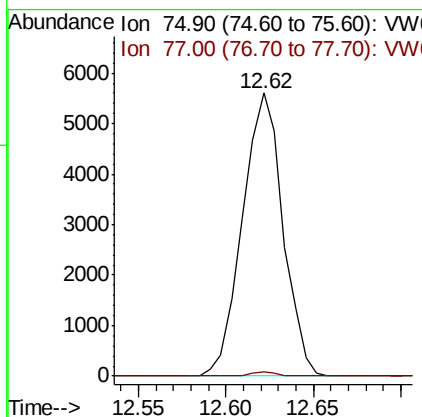
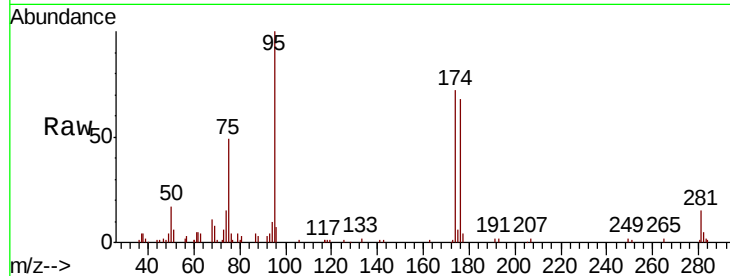




#76
 1,2,3-Trichloropropane
 Concen: 84.142 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007540.D
 Acq: 14 Dec 2018 17:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-08BRE

Tgt Ion: 75 Resp: 9010
 Ion Ratio Lower Upper
 75 100
 77 0.9 166.9 500.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 185.869 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007540.D
 Acq: 14 Dec 2018 17:18

Tgt Ion: 75 Resp: 9010
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.0 40.3 60.5#

