

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005971.D
 Acq On : 10 Oct 2018 06:07
 Operator : SY/AP
 Sample : J5326-39RE
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FL-PH-3-STONERE

Quant Time: Oct 10 08:18:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	386077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	155029	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125369	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	7.88	113	125375	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	10.33	98	446644	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.62	95	155027	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	

Target Compounds

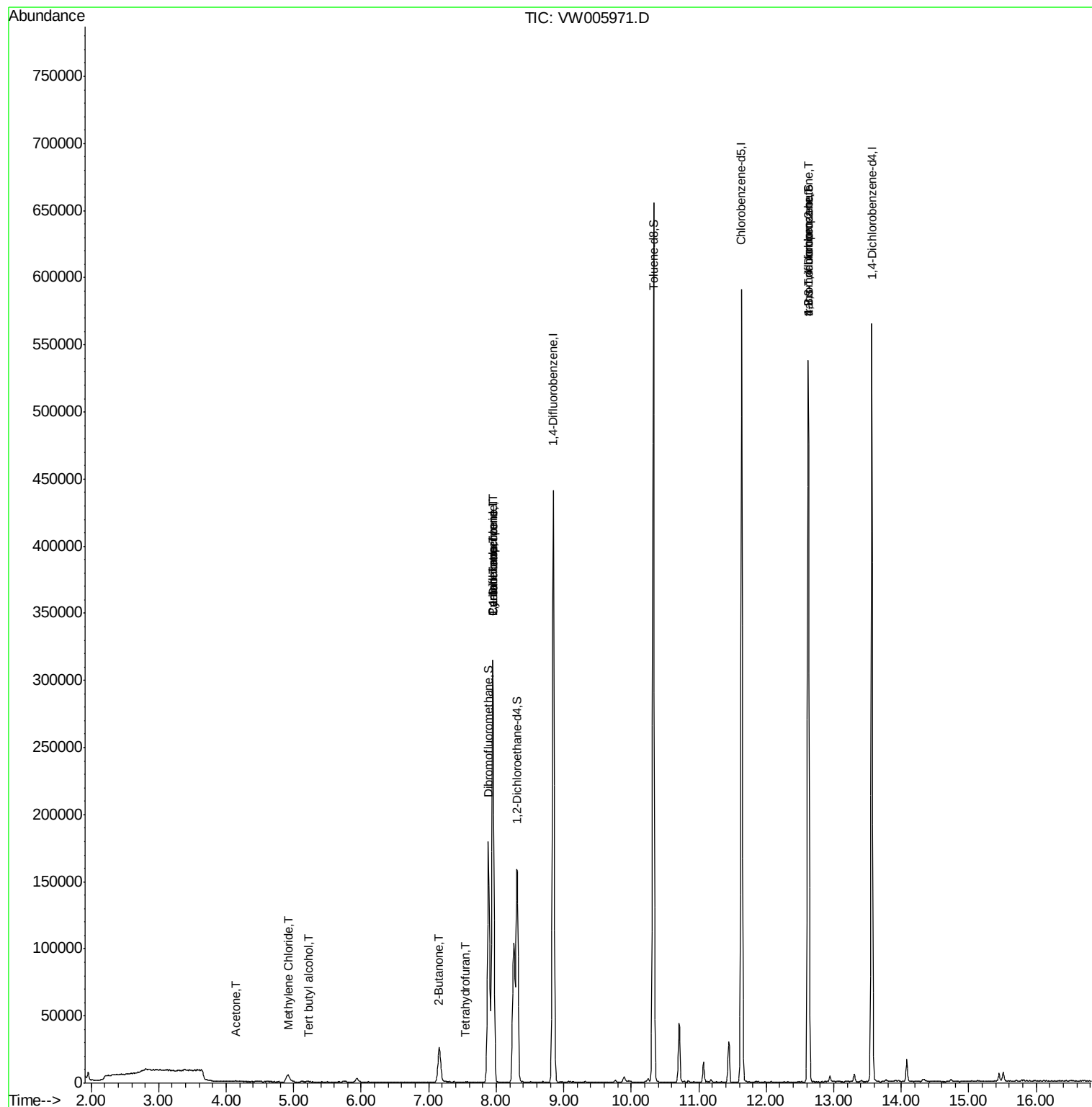
					Qvalue	
11) Tert butyl alcohol	5.22	59	514	2.851	ug/l	99
16) Acetone	4.15	43	1146	2.332	ug/l #	83
20) Methylene Chloride	4.92	84	4850	1.970	ug/l	96
25) 2-Butanone	7.14	43	915	1.309	ug/l #	70
29) Tetrahydrofuran	7.54	42	574	1.299	ug/l #	34
31) Cyclohexane	7.95	56	5014	1.164	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	16876	4.562	ug/l #	49
38) Carbon Tetrachloride	7.95	117	22905	5.763	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	79624	57.497	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	79624	121.383	ug/l #	11

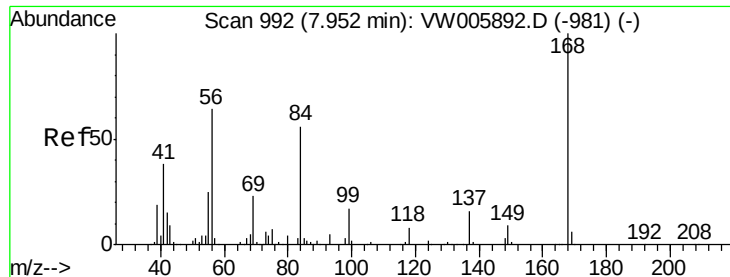
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 09 02:14:04 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: VW005971.D

Acq: 10 Oct 2018 06:07

Instrument :

BNA_G

ClientSampleId :

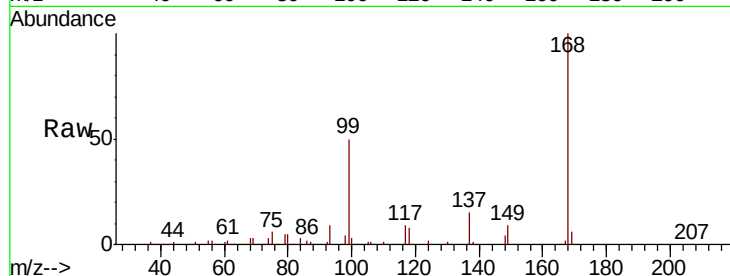
FL-PH-3-STONERE

Tgt Ion: 168 Resp: 253403

Ion Ratio Lower Upper

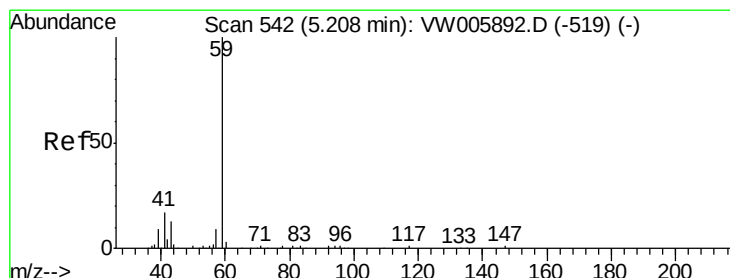
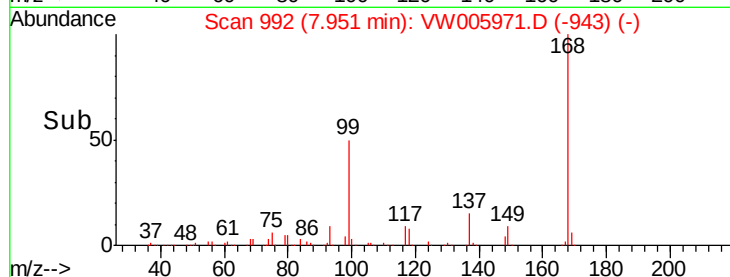
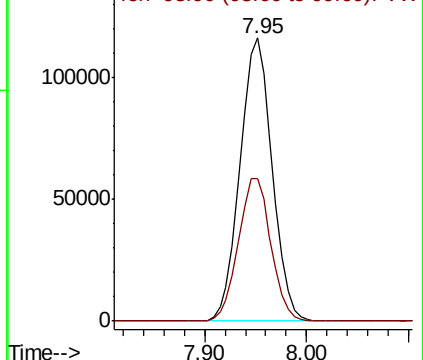
168 100

99 50.4 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.851 ug/l

RT: 5.22 min Scan# 544

Delta R.T. 0.01 min

Lab File: VW005971.D

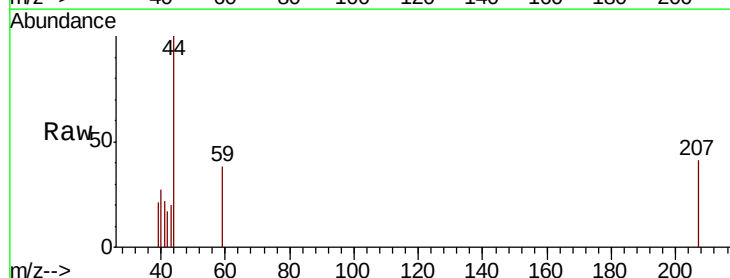
Acq: 10 Oct 2018 06:07

Tgt Ion: 59 Resp: 514

Ion Ratio Lower Upper

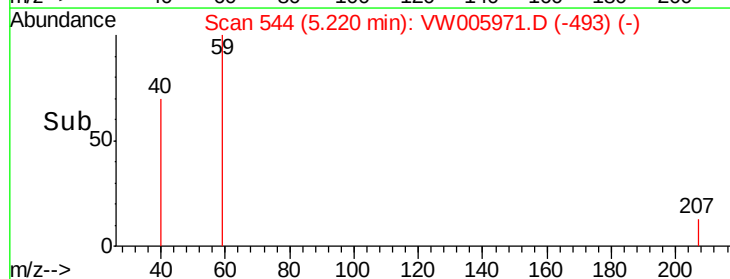
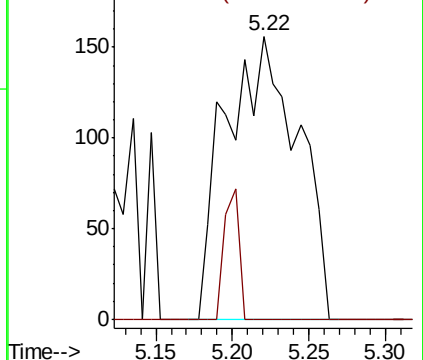
59 100

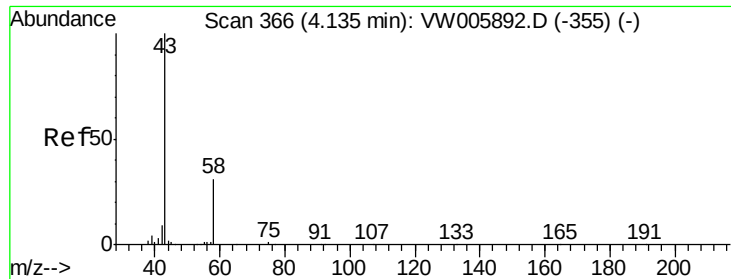
57 9.3 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

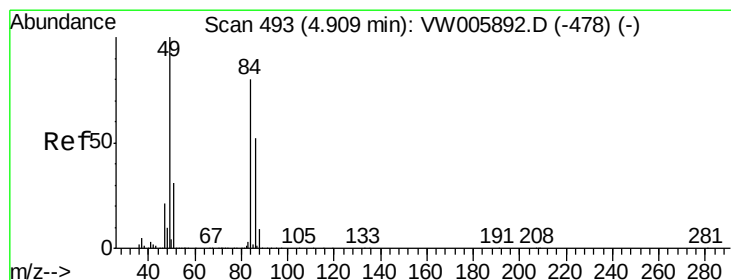
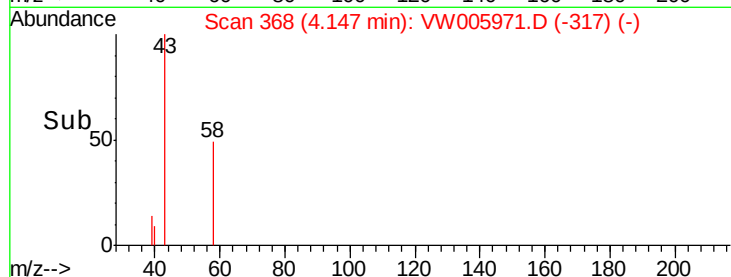
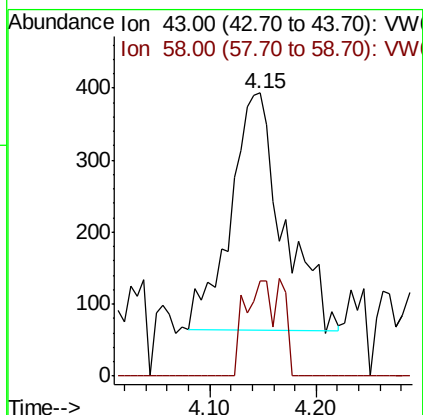
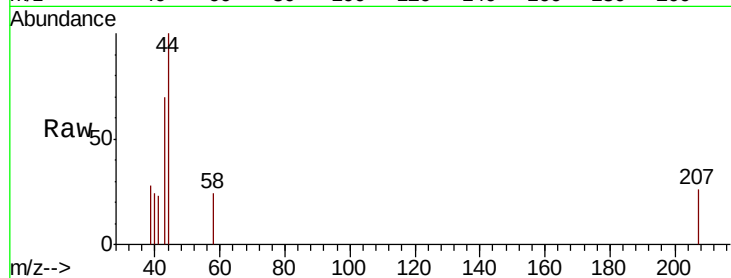




#16
Acetone
Concen: 2.332 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW005971.D
Acq: 10 Oct 2018 06:07

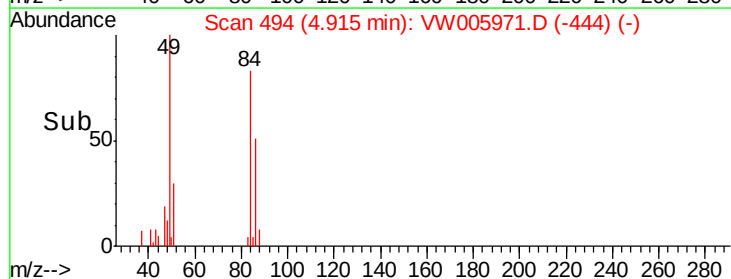
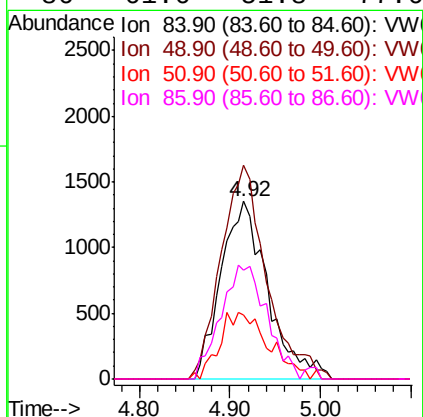
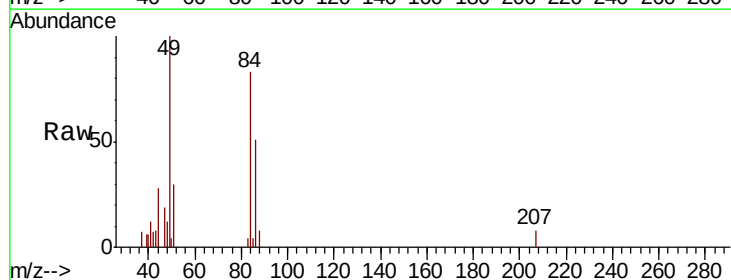
Instrument :
BNA_G
ClientSampleId :
FL-PH-3-STONERE

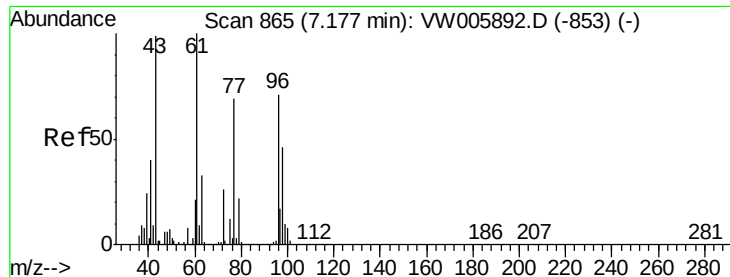
Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
58 40.1 24.7 37.1#



#20
Methylene Chloride
Concen: 1.970 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005971.D
Acq: 10 Oct 2018 06:07

Tgt Ion: 84 Resp: 4850
Ion Ratio Lower Upper
84 100
49 120.3 99.9 149.9
51 35.9 31.1 46.7
86 61.6 51.8 77.6





#25

2-Butanone

Concen: 1.309 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW005971.D

Acq: 10 Oct 2018 06:07

Instrument :

BNA_G

ClientSampleId :

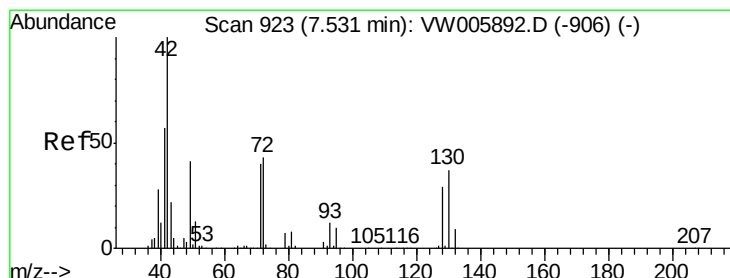
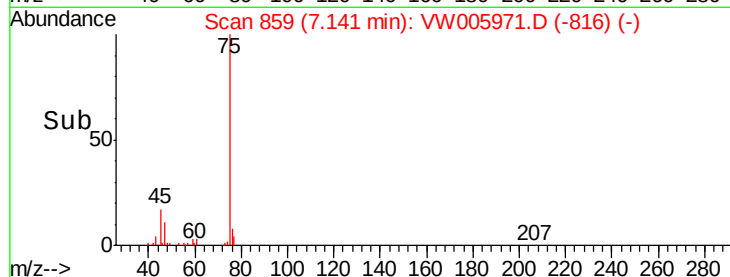
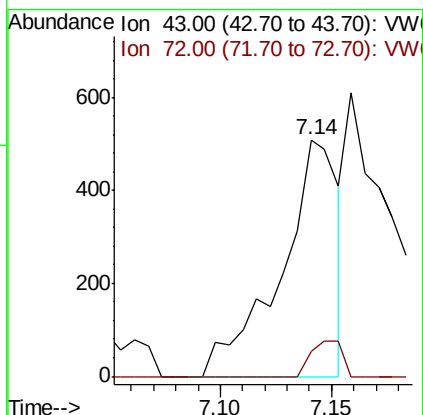
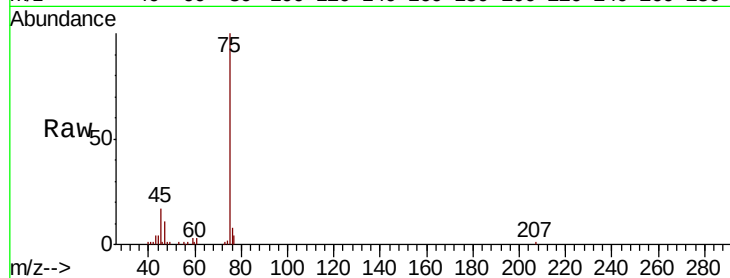
FL-PH-3-STONERE

Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

72 10.8 21.0 31.4#



#29

Tetrahydrofuran

Concen: 1.299 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW005971.D

Acq: 10 Oct 2018 06:07

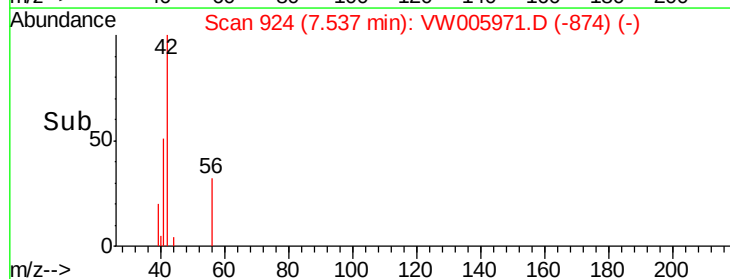
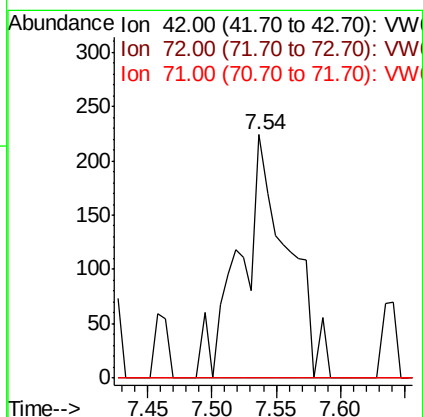
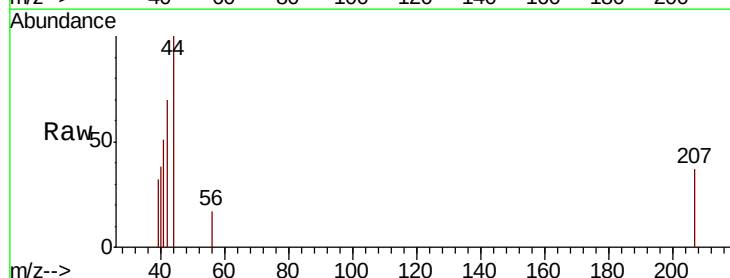
Tgt Ion: 42 Resp: 574

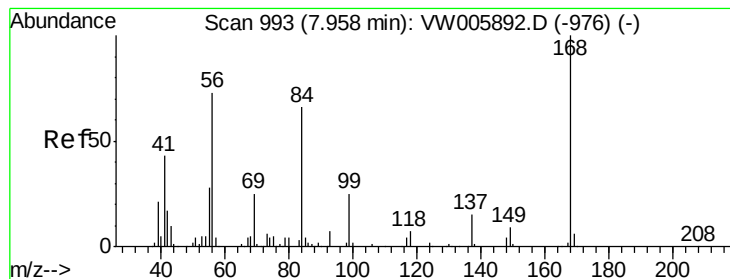
Ion Ratio Lower Upper

42 100

72 0.0 34.6 51.8#

71 0.0 32.6 49.0#





#31

Cyclohexane

Concen: 1.164 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005971.D

Acq: 10 Oct 2018 06:07

Instrument :

BNA_G

ClientSampleId :

FL-PH-3-STONERE

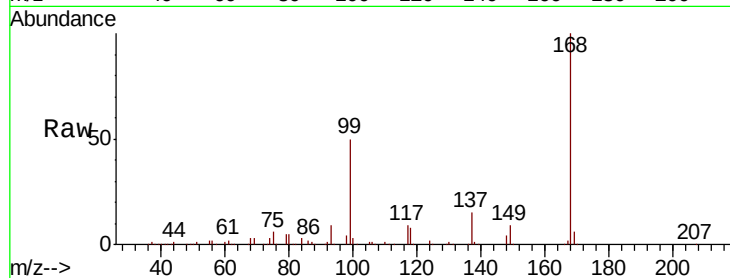
Tgt Ion: 56 Resp: 5014

Ion Ratio Lower Upper

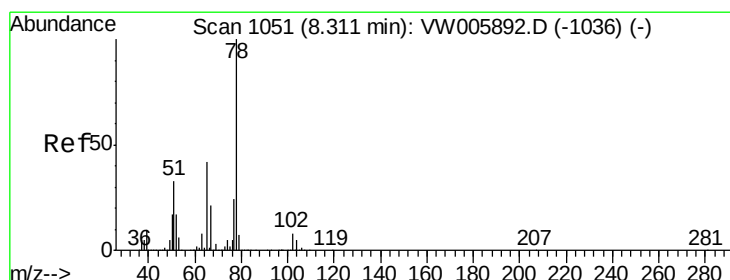
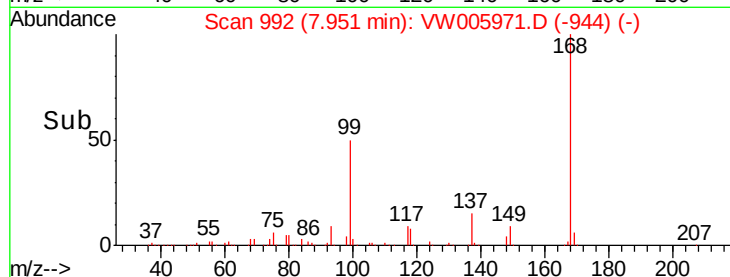
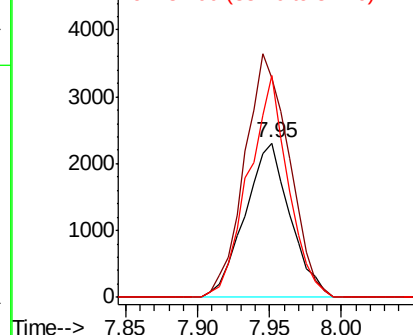
56 100

69 142.3 27.9 41.9#

84 143.9 72.3 108.5#



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: 50.964 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005971.D

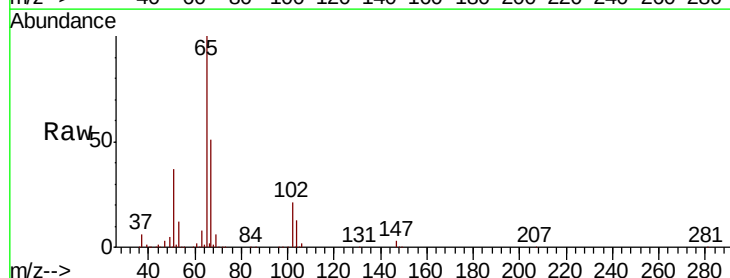
Acq: 10 Oct 2018 06:07

Tgt Ion: 65 Resp: 125369

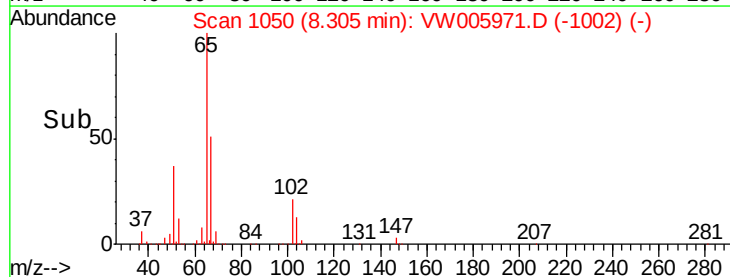
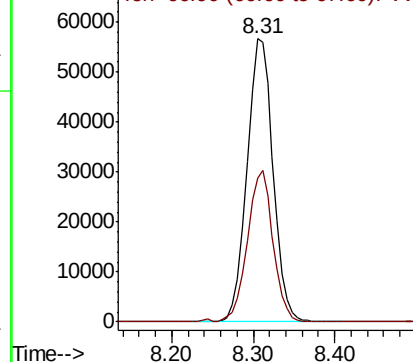
Ion Ratio Lower Upper

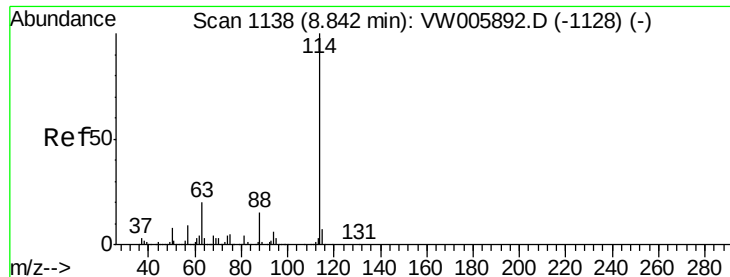
65 100

67 52.7 0.0 104.6



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: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005971.D

Acq: 10 Oct 2018 06:07

Instrument :

BNA_G

ClientSampleId :

FL-PH-3-STONERE

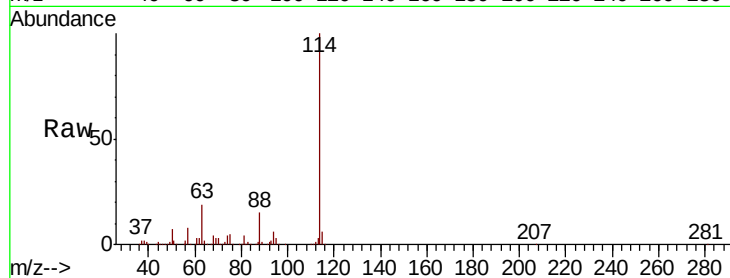
Tgt Ion:114 Resp: 386077

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

88 14.9 0.0 30.8



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

250000

200000

150000

100000

50000

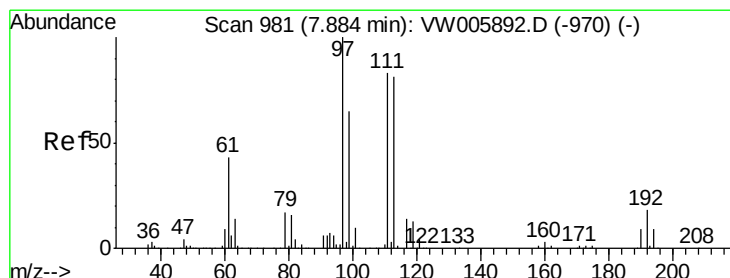
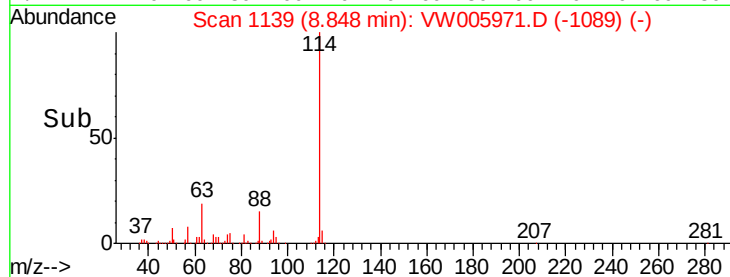
0

8.80

8.85

8.90

Time-->



#35

Dibromofluoromethane

Concen: 50.863 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005971.D

Acq: 10 Oct 2018 06:07

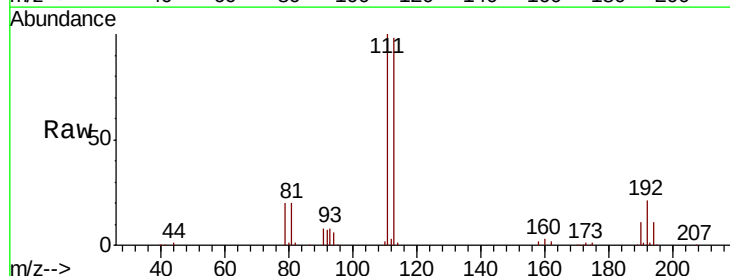
Tgt Ion:113 Resp: 125375

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

192 22.3 18.3 27.5



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

60000

40000

20000

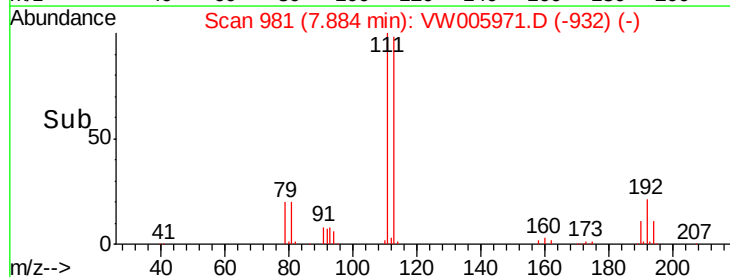
0

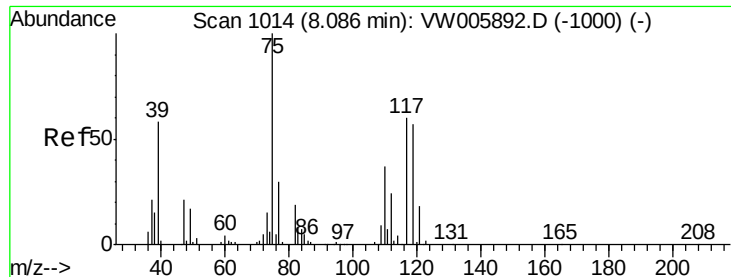
7.80

7.88

7.90

Time-->

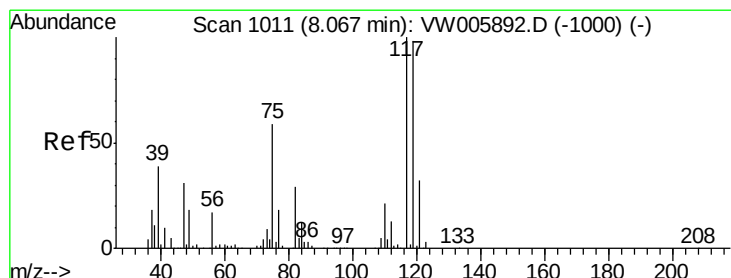
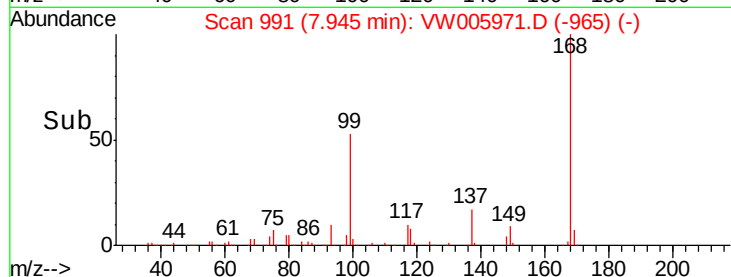
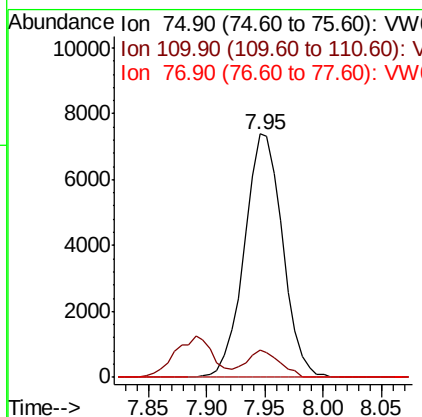
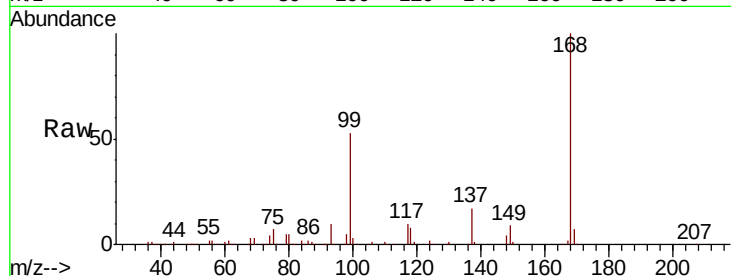




#36
 1,1-Dichloropropene
 Concen: 4.562 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005971.D
 Acq: 10 Oct 2018 06:07

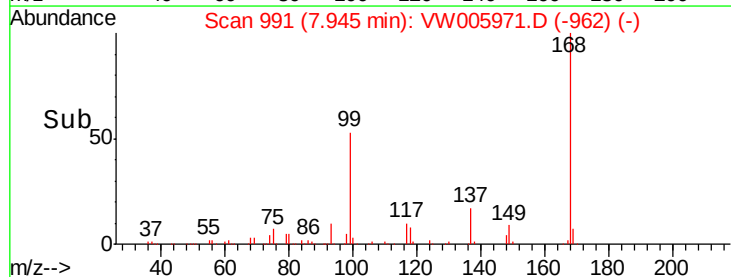
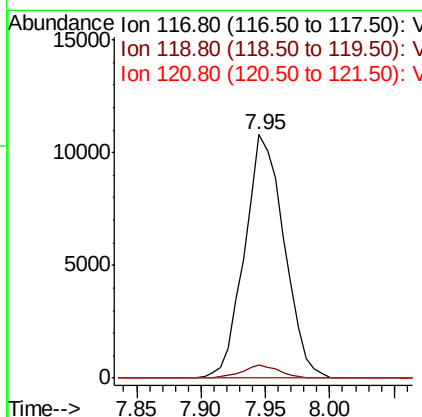
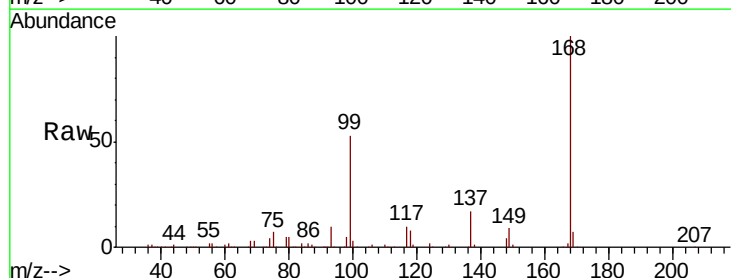
Instrument :
 BNA_G
 ClientSampleId :
 FL-PH-3-STONERE

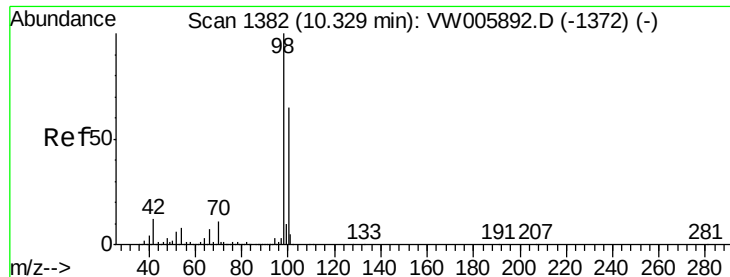
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.763 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW005971.D
 Acq: 10 Oct 2018 06:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 47.096 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005971.D

Acq: 10 Oct 2018 06:07

Instrument :

BNA_G

ClientSampleId :

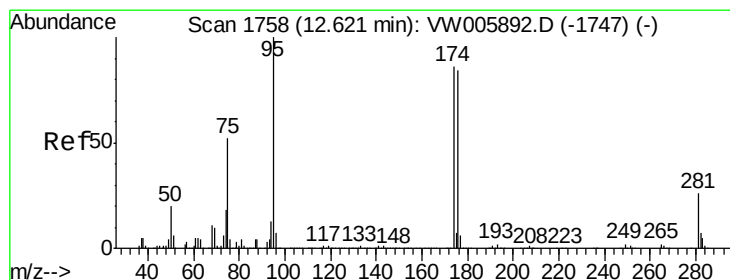
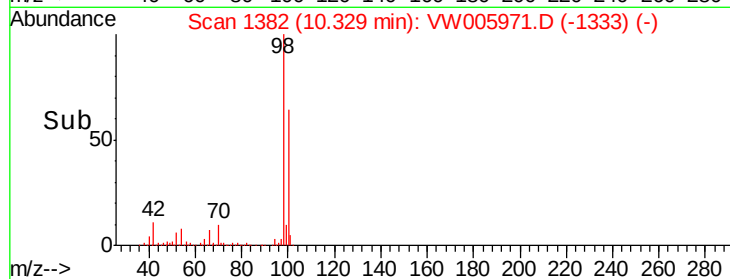
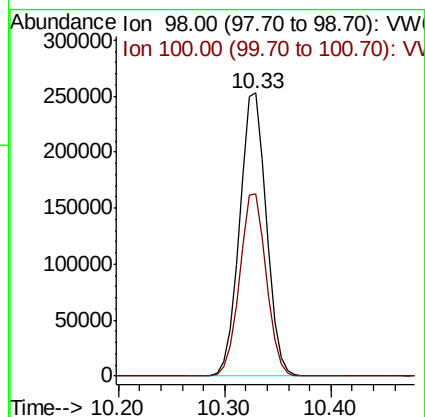
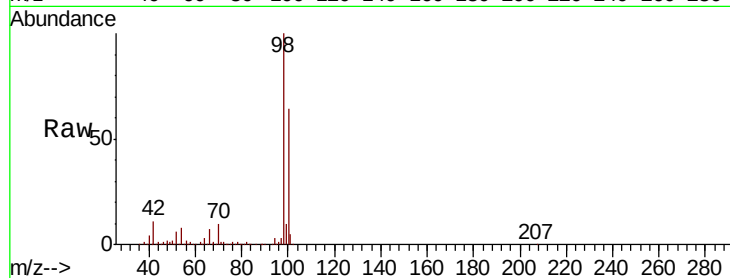
FL-PH-3-STONERE

Tgt Ion: 98 Resp: 446644

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 42.965 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005971.D

Acq: 10 Oct 2018 06:07

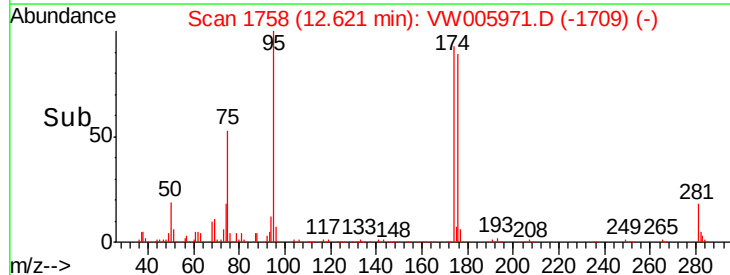
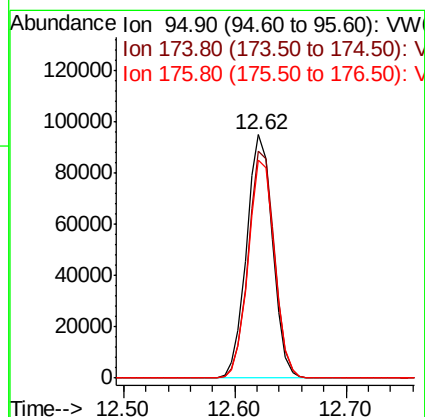
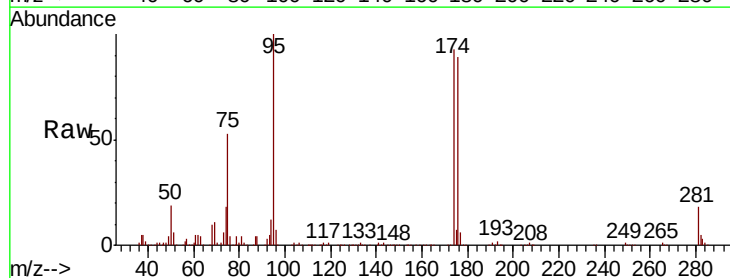
Tgt Ion: 95 Resp: 155027

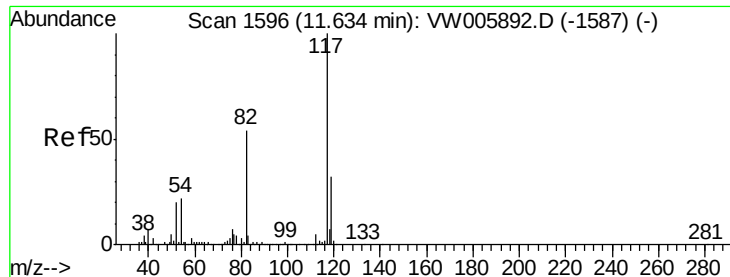
Ion Ratio Lower Upper

95 100

174 93.5 0.0 176.4

176 90.4 0.0 173.0

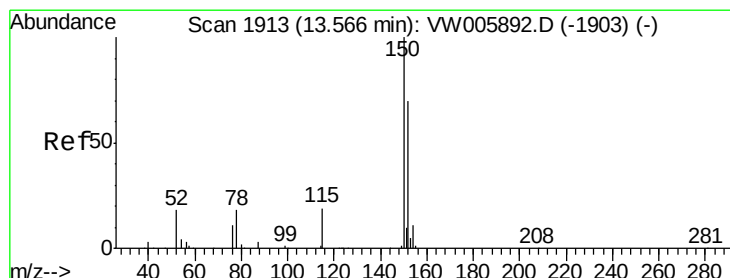
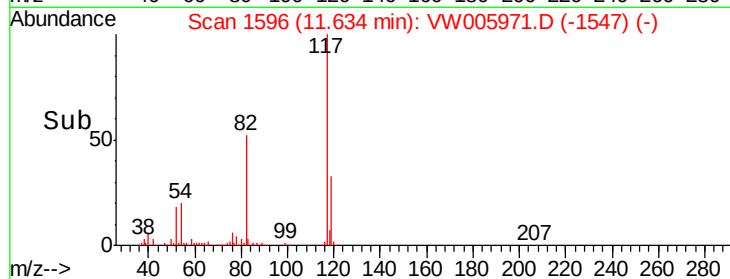
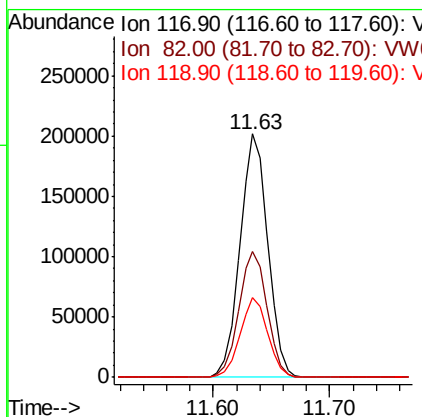
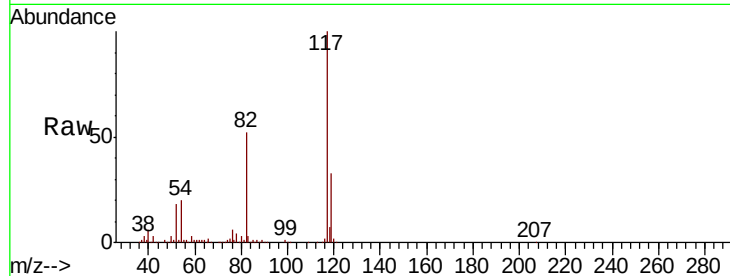




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005971.D
Acq: 10 Oct 2018 06:07

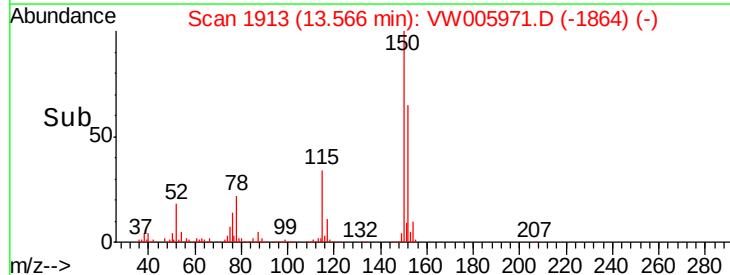
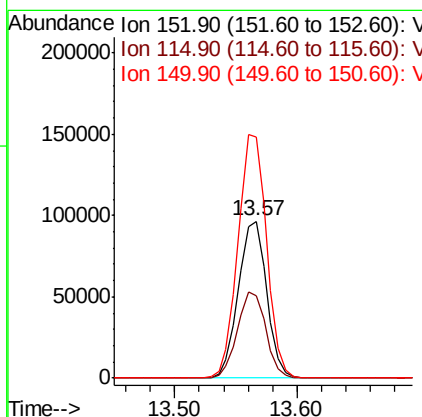
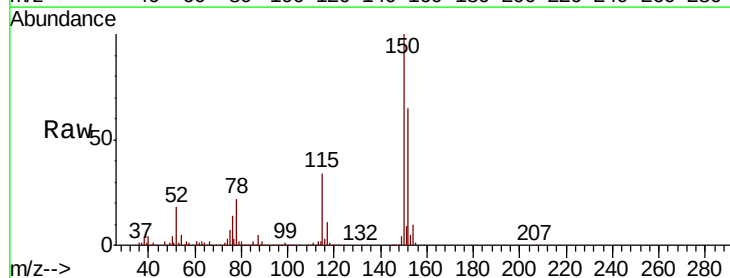
Instrument :
BNA_G
ClientSampleId :
FL-PH-3-STONERE

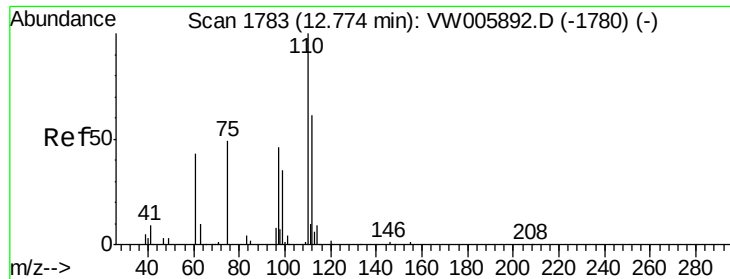
Tgt Ion:117 Resp: 335205
Ion Ratio Lower Upper
117 100
82 51.8 43.5 65.3
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005971.D
Acq: 10 Oct 2018 06:07

Tgt Ion:152 Resp: 155029
Ion Ratio Lower Upper
152 100
115 54.9 28.3 85.0
150 156.3 0.0 349.2

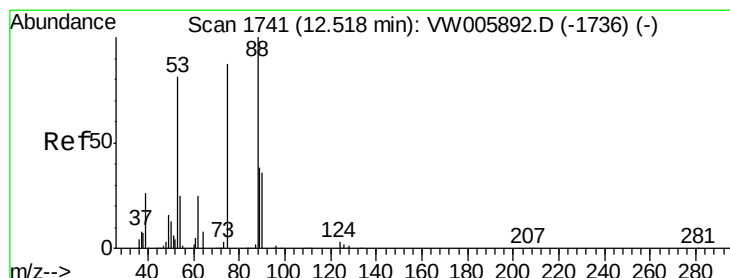
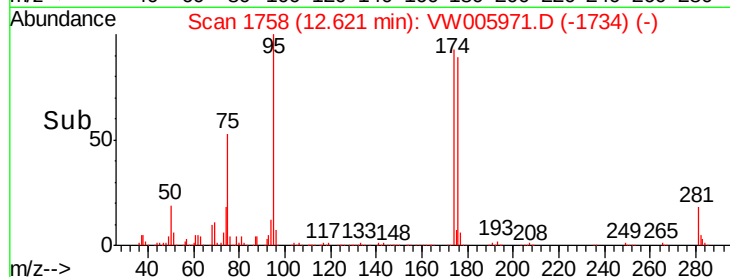
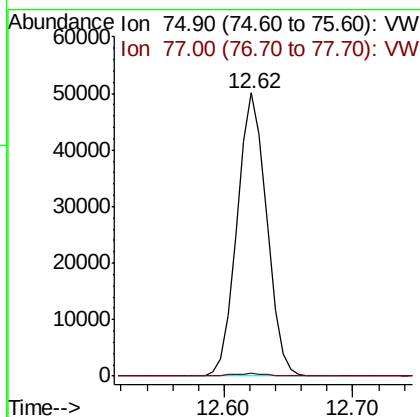
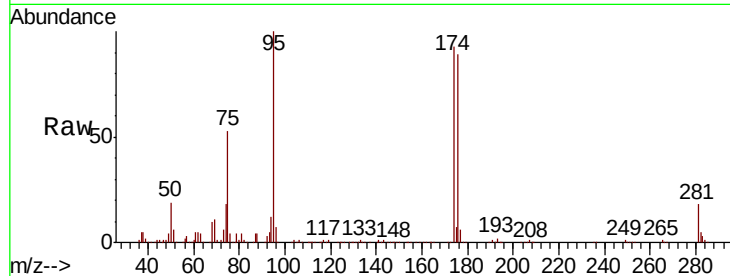




#76
 1,2,3-Trichloropropane
 Concen: 57.497 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005971.D
 Acq: 10 Oct 2018 06:07

Instrument :
 BNA_G
 ClientSampleId :
 FL-PH-3-STONERE

Tgt Ion: 75 Resp: 79624
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.383 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005971.D
 Acq: 10 Oct 2018 06:07

Tgt Ion: 75 Resp: 79624
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.5 114.7#
 89 0.1 37.6 56.4#

